Task A5a
Air Quality Report

TAMPA INTERSTATE STUDY

State Project No. 99007-1402, WPI No. 7140004, FAP No. IR-9999(43)

Interstate 275 (I-275) from the Howard Frankland Bridge/Kennedy Boulevard ramps to the Dale Mabry Highway interchange on the east and just north of Cypress Street on Memorial Highway (S.R. 60), Hillsborough County.

Prepared For The

FLORIDA DEPARTMENT OF TRANSPORTATION

Prepared By

GREINER, INC.

In Association With

KNIGHT APPRAISAL SERVICES, INC.
PIPER ARCHAEOLOGICAL SERVICES

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EXECUTIVE SUMMARY

In accordance with Florida Department of Transportation (FDOT) guidelines, an air quality impact analysis was conducted to determine the effect of the proposed improvements to the Tampa Interstate System. The study limits for the design segment evaluated in the microscale analysis are I-275 from the east end of the Howard Frankland Bridge to east of the Dale Mabry Highway interchange including Memorial Highway (S.R. 60) from I-275 to just north of Cypress Street. The air quality impacts from proposed improvements within the study limits are addressed in an Environmental Assessment prepared for this design segment.

The results of the microscale analysis indicate that the proposed improvements will not cause, or contribute to, carbon monoxide (CO) concentrations above the one- and eight-hour National Ambient Air Quality Standards (NAAQS)--levels considered by the Environmental Protection Agency (EPA) to pose no significant health risk. Compared to the No-Build condition, CO concentrations are expected to be lower in the vicinity of the project as a result of increased motor vehicle mobility, faster operating speeds, and less stop-and-go driving.

Traffic operation analyses were conducted to evaluate the levels of service in transition areas. The analyses indicate that the volume-to-capacity ratios for the basic freeway segments in transition areas will be greater than the ratios for the ultimate improvement, but less than the ratios for the No-Build alternative. Similarly, the CO concentrations in the vicinity of the transition areas are anticipated to be greater than CO concentrations for the ultimate improvement but less than CO concentrations for the No-Build alternative. As with the worst-case sites modeled in the microscale analysis for the Build and No-Build alternatives, CO concentrations at reasonable receptor sites in the vicinity of transition areas are also expected to be well under the NAAQS for CO.

The results of the hydrocarbon (HC) emission inventory for this project indicate that the Build alternative will lower motor vehicle HC emissions by approximately 17 percent in the year 2010. This decrease is a result of improved roadway operating conditions within the Tampa Interstate System which will increase average vehicle speeds and correspondingly decrease excess HC emissions.

The Tampa Interstate System corridor is located in an air quality non-attainment area which has transportation control measures in the State Implementation Plan (SIP) which was approved by the EPA on June 15, 1981. The Federal Highway Administration (FHWA) has determined that this project is included in the Tampa Urban Area Metropolitan Planning Organization's Long Range Transportation Plan (LRTP). The FDOT District Seven Planning Department has also documented by memorandum that the project is part of the LRPT. Therefore, pursuant to 23 CFR 770.9, this project conforms to the SIP.

Construction activities causing short-term air quality impacts in the form of dust will be minimized by adherence to FDOT Standard Specifications for Road and Bridge Construction.

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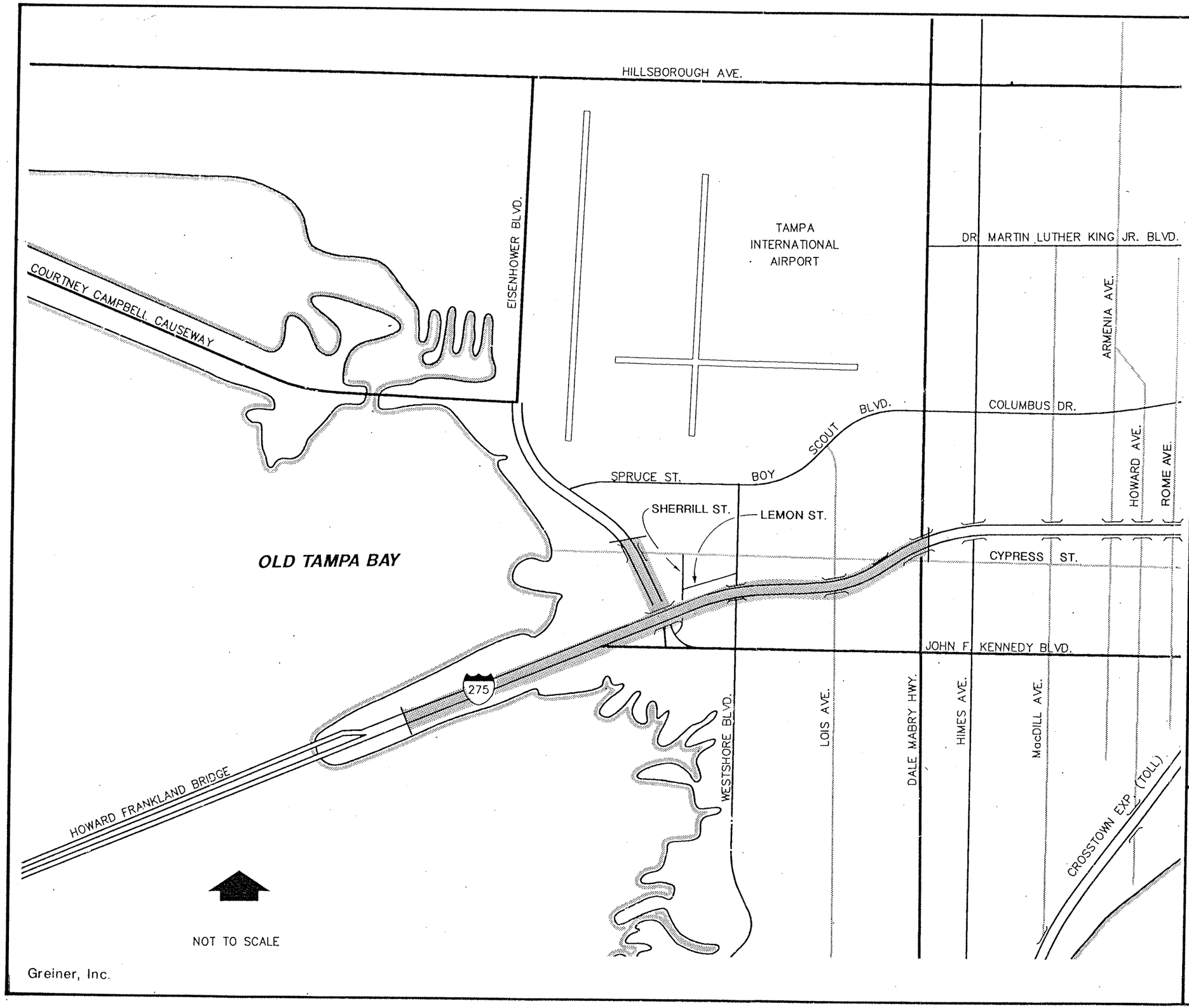
I. INTRODUCTION

The Florida Department of Transportation (FDOT) is investigating the feasibility of improving the Tampa Interstate System in Hillsborough County, Florida. The purpose of the investigation is to produce a Master Plan, conceptual design and environmental data base for improvements to Interstate 4 (I-4), Interstate 75 (I-75) and Interstate 275 (I-275). For the purpose of developing the Master Plan, Phase I of the study, the Tampa Interstate System was divided into 6 study segments which were further sub-divided into 17 individual design segments. Following acceptance of the Master Plan, provisions were set forth by FDOT to implement Phase II of the Tampa Interstate Study.

Phase II is intended to satisfy requirements for environmental documentation. This Air Quality Report specifically addresses one of the seventeen design segments established in Phase I. The design segment considered is shown in Exhibit 1 and includes I-275 from the east end of the Howard Frankland Bridge to east of the Dale Mabry Highway interchange and Memorial Highway (S.R. 60) from I-275 to just north of Cypress Street. Further planning and design details regarding the proposed Tampa Interstate System Study are provided in the Environmental Assessment and Preliminary Engineering Report.[1]

The objective of this report is to describe existing air quality conditions in the vicinity of the project; describe the methodology used to predict future air quality conditions in the project area; and to discuss the results of, and provide supporting materials for, the analyses. In accordance with the FDOT "Air Quality Analysis Guidelines," the assessment included a microscale analysis and an emissions inventory.[2]



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LEGEND

Project Study Limits

FLORIDA DEPARTMENT OF TRANSPORTATION

AIR QUALITY REPORT

TAMPA INTERSTATE STUDY
PHASE II

Hillsborough County, Florida

PROJECT STUDY LIMITS

EXHIBIT 1

II. AIR QUALITY IMPACT ASSESSMENT

A. Existing Conditions

Monitoring is the most reliable means of determining ambient air quality conditions. The Hillsborough County Environmental Protection Commission (EPC), in cooperation with the Florida Department of Environmental Regulation (FDER), operates several air monitoring stations located near the study area. From the monitoring data, a general profile of existing air quality conditions in the vicinity of the project can be derived.

A synopsis of the most recent air monitoring data obtainable (1990) is presented in Table 1. This information is summarized in terms of monitoring station location, distance and direction from the study area, pollutant(s) measured and maximum recorded concentrations. Comparison of these data with the National Ambient Air Quality Standards (NAAQS) is also made.

Based on air monitoring data obtained from the monitoring stations, ozone (O_3) is the air pollutant of primary concern in the vicinity of the Tampa Interstate study area. The formation of O_3 is a long-term photochemical reaction involving solar radiation, nitrogen dioxide (NO_2), and hydrocarbons (HC). In general terms, NO_2 and HC are emitted into the atmosphere in the urban core areas and air currents transport the oxidants to the suburbs. As such, violations of the NAAQS for O_3 are generally considered regional in nature.

TABLE 1

AIR QUALITY MONITORING DATA IN THE VICINITY OF
THE TAMPA INTERSTATE STUDY AREA

Station Number	Monitoring Station Location[a]	Distance and Direction from the Study Area	Pollutant(s) Measured	Maximum Recorded Concentration[b]	Air Quality Standard[c]	Duration	Exceeds Standard
1	Downtown Tampa	2.1 miles, E	Carbon monoxide	9 ppm	35 ppm	1-hour average	No
				5 ppm	9 ppm	8-hour average	No
2	Davis Island	2.8 miles, SE	Inhalable particulates	48 ug/m^3	150 ug/m^3	24-hour max	No
				29 ug/m^3	50 ug/m^3	Arithmetic mean	No
			Sulphur dioxide	21 ug/m^3	80 ug/m^3	Arithmetic mean	No
				143 ug/m^3	365 ug/m^3	24-hour average	No
				369 ug/m^3	1300 ug/m^3	3-hour average	No
			Ozone	.124 ppm	.120 ppm	1-hour average	No
3	HCC	1.2 miles, N	Carbon monoxide	8 ppm	35 ppm	1-hour average	No
				6 ppm	9 ppm	8-hour average	No
4	Beach Park	0.3 miles, S	Ozone	.063 ppm	.120 ppm	1-hour average	No
5	Seminole School	3.5 miles, NE	Inhalable particulates	70 ug/m^3	150 ug/m^3	24-hour max	No
				31 ug/m^3	50 ug/m^3	Arithmetic mean	No
			Carbon monoxide	12 ppm	35 ppm	1-hour average	No
				7 ppm	9 ppm	8-hour average	No

a Monitoring Station address:
1. 200 Madison Ave.
2. 155 Columbia Dr.
3. N. Dale Mabry Hwy./Tampa Bay St.
4. Bay Way St.
5. 6201 Central Ave.

b Florida Department of Environmental Regulation, ALLSUM Report, 1990

c National Air Quality Standards established by the EPA.

ppm = parts per million
ug/m^3 = micrograms per cubic meter

According to the Clean Air Act (CAA) Amendments of 1977, all areas within the state are designated with respect to the NAAQS as either attainment, non-attainment, or unclassifiable. Areas that meet the NAAQS are designated as attainment. Conversely, areas that violate the NAAQS are designated as non-attainment.

Finally, areas where data are insufficient for classification as either attainment or non-attainment are designated as unclassifiable. In areas designated as non-attainment, a State Implementation Plan (SIP) is developed to bring the area into compliance with the NAAQS. The current attainment, non-attainment and unclassifiable designations for Hillsborough County are shown on Table 2.

As shown on Table 2, the U.S. Environmental Protection Agency (EPA) has designated all of Hillsborough County as a non-attainment area for O_3 and a portion of the county as a non-attainment area for total suspended particulates (TSP). As a result of these designations, Hillsborough County is currently subject to the guidelines of a SIP. Essentially, the SIP calls for the reduction and control of TSP and the precursors to O_3, HC and NO_2.

The CAA Amendments of 1990 further designate the degree of the O_3 non-attainment status as either "severe," "moderate" or "marginal" and identify any necessary changes to the SIP. Hillsborough County has been classified as a marginal O_3 non-attainment area.

B. Microscale Analysis

The purpose of the microscale analysis is to predict the impact of the proposed improvements on future air quality conditions in the project vicinity. Specifically,

TABLE 2

CURRENT ATTAINMENT/NON-ATTAINMENT DESIGNATIONS FOR HILLSBOROUGH COUNTY[a]

Tampa Interstate Study

Pollutant	Designation
Carbon monoxide	Attainment
Nitrogen dioxide	Attainment
Sulfur dioxide	Unclassifiable
Particulate matter	
- Total suspended particulate	Non-attainment[b]
- Inhalable particulate	Unclassifiable
Ozone	Non-attainment
Lead	Attainment

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[a] Source: Section 17-2, (410), (420), and (430) of the Florida Administrative Code.

[b] Restricted to a portion of Hillsborough County falling within the area of a circle having a centerpoint at the intersection of U.S. 41 South and State Road 60 and a radius of 12 kilometers.

Designations: Attainment: areas within which the NAAQS have not been violated.

Non-attainment: areas within which the NAAQS have been violated.

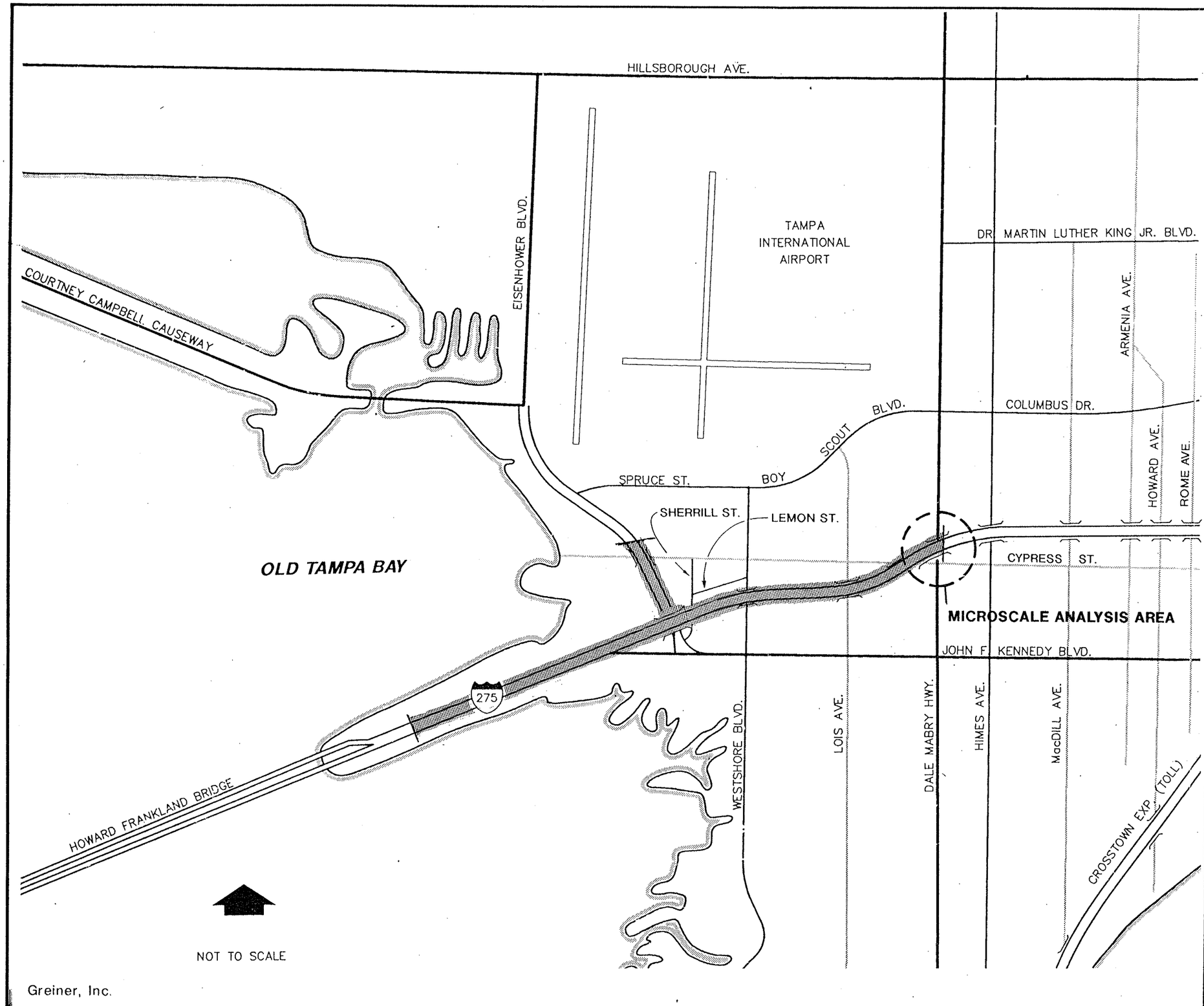
Unclassifiable: areas which cannot be classified as attainment or non-attainment.

the analysis examines the generation and localized transport of carbon monoxide (CO), the most prevalent air pollutant emitted from motor vehicles. The results of the analysis are used to compare the No-Build and Build conditions and to indicate whether or not motor vehicle emissions associated with the project would contribute to CO concentrations in exceedance of the NAAQS.

1. Methodology

In accordance with the FDOT Air Quality Analysis Guidelines, a "worst-case" approach was taken in the microscale analysis. For example, traffic data and aerial photography showing the concept design (April 1991) were reviewed to identify areas having a combination of heavy traffic volumes, low vehicular speeds, and nearby reasonable receptor sites. Receptor sites are areas where the public has routine access and may spend one to several hours. The premise of this approach is that CO concentrations elsewhere along the project corridor will be lower than these worst-case locations. Based on these factors, the I-275/Dale Mabry Highway interchange was selected for the microscale analysis. Nearly all the property surrounding the interchange has been developed for residential or commercial use. The heaviest traffic volumes within the study limits for the expressway/freeway, intersecting arterial and ramp system are projected to occur at this location. Traffic data projections also show the associated intersections on Dale Mabry Highway to have the highest volume-to-capacity ratio and longest average delay per vehicle within the study limits. The location of the microscale analysis study area is shown in Exhibit 2.

CO concentrations were predicted for the year 2010 to coincide with the project's design year. For comparative purposes, the microscale analysis was performed for both the No-Build and Build project alternatives.



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LEGEND

- Project Study Limits
- Microscale Analysis Area

FLORIDA DEPARTMENT OF TRANSPORTATION

AIR QUALITY REPORT

TAMPA INTERSTATE STUDY
PHASE II

Hillsborough County, Florida

MICROSCALE ANALYSIS STUDY AREA

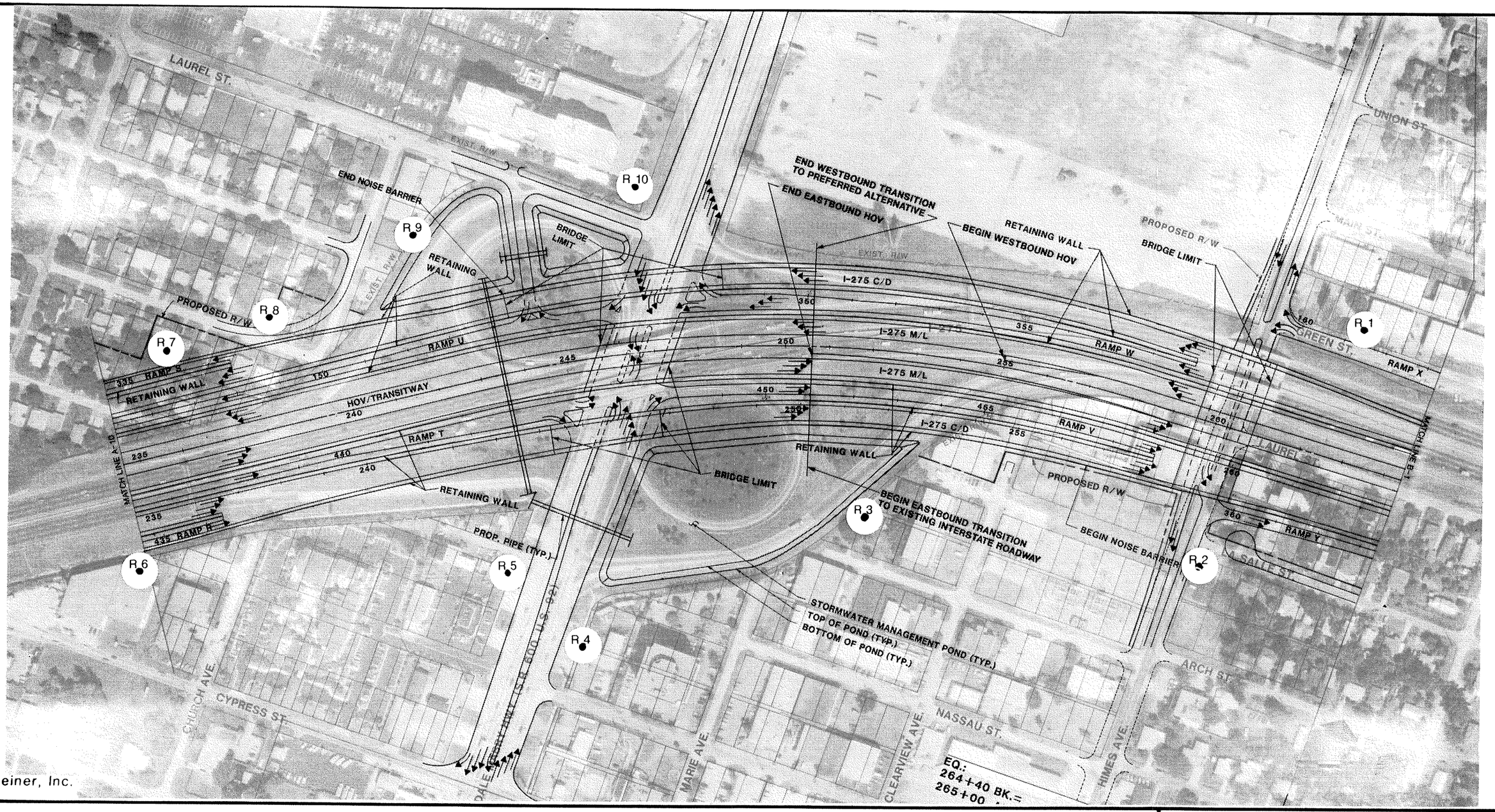
EXHIBIT 2

Implementing all of the improvements recommended in the Tampa Interstate Study Master Plan will require numerous staged construction projects. The opening year for the various projects will be staggered over several years and the opening of a particular project segment will affect traffic volumes and operational characteristics on other project segments with different opening dates. Therefore, since a single opening year for the ultimate improvement of the Tampa Interstate System cannot be established an opening year analysis was not conducted.

Ten receptors were simulated at the I-275/Dale Mabry Highway interchange. Sensitive sites within the vicinity of the I-275/Dale Mabry Highway interchange include residences and businesses. The reasonable receptor sites closest to the interchange were modeled. The modeled receptors include residences in the southeast and northwest quadrants (Receptors 2, 3, 7 and 8) and the front walks of businesses in the northeast, southeast, southwest and northwest quadrants (Receptors 1, 4, 5, 6, 9 and 10). As with the selection of the worst-case microscale analysis areas, the premise of modeling the closest reasonable receptors is that CO concentrations at other reasonable receptors will be lower. The locations of the receptors are shown in Exhibit 3.

In accordance with FDOT guidelines, the computer models used in the microscale analysis include MOBILE5a and CALINE3.[3] A summary of input parameters is provided in Table 3.

The MOBILE5a mobile source emissions model from EPA was used to compute area specific motor vehicle emission factors. Hillsborough County has recently implemented a motor vehicle inspection/maintenance (I/M) program as a means of reducing mobile sources of air pollution. Therefore, I/M program input parameters, provided by EPC, were used in MOBILE5a.



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LEGEND

R 1 Receptor

FLORIDA DEPARTMENT OF TRANSPORTATION

AIR QUALITY REPORT

TAMPA INTERSTATE STUDY

PHASE II

Hillsborough County, Florida

RECEPTOR LOCATIONS AT THE I-275/ DALE MABRY HIGHWAY INTERCHANGE

EXHIBIT 3

TABLE 3

SUMMARY OF MICROSCALE ANALYSIS MODELING PARAMETERS
Tampa Interstate Study

Models	Parameter	Value
MOBILE5a,	* Region	Low Altitude
CALINE3	* Operating mode	20.6% cold, 27.3% hot
	* Ambient temperature	52°F
	* Vehicle mix	Default
	* Analysis year	2010
	* Stability class	D
	* Wind speed	1 meter/second
	* Wind direction	0° - 350° @ 10° intervals
	* Mixing height	1000 meters
	* Persistence factors	
	- Traffic	0.75
	- Meteorological	0.60
	* Surface roughness	108 centimeters
	* Inspection/maintenance	Yes
	- Program start year	1992
	- Stringency level	20%
	- First model year	1975
	- Last model year	2020
	- Pre -1981 waiver rate	20%
	- 1981 and beyond waiver rate	20%
	- Compliance rate	90%
	- Program type	Centralized
	- Inspection frequency	Annual
	- Vehicle types	LDGV, LDGT1, LDGT2
	- Test type	Idle test
	- Alternate I/M credits	Default

The CALINE3 line source dispersion model was used to analyze free flow and excess motor vehicle emissions for roadways within the microscale analysis study area. Free flow emissions are those attributable to moving motor vehicles and excess emissions are associated with stopped or idling motor vehicles.

Peak-hour traffic volumes and roadway operating conditions were obtained from the Tampa Interstate Study: Traffic Memorandum published separately.[4] Other input data such as vehicle mix, operating mode and air temperature were obtained from the FDOT Air Quality Analysis guidelines. Input data for the modeled roadway links are provided in the Appendix of this report.

In order to determine the most critical wind angles, a series of 36 wind directions (10°-360° at 10° intervals) was simulated over the modeling grid. Other simulated worst-case meteorological factors include an average wind speed of one meter per second, an atmospheric mixing height of 1,000 meters and a stable atmosphere (Class D).

The computer modeling of worst-case traffic and meteorological data was conducted for the peak one-hour period. To account for the long-term variation in traffic and meteorological data over time, persistence factors were used to convert the one-hour modeled conditions to comparable worst-case eight-hour conditions. In this way, the results can be compared to the NAAQS which are also based on one-hour and eight-hour time periods. For this analysis, traffic and meteorological one-hour to eight-hour persistence factors of 0.75 and 0.60, respectively, were used. The eight-hour CO concentrations were derived from the one-hour values by the following formula:

$$CO_{8hr} = [(CO_{1hr} - \text{background}) \times MPF \times TPF] + \text{background}$$

Where: MPF = meteorological persistence factor (0.6)
TPF = traffic persistence factor (0.75)
Background = background CO.

To account for CO sources beyond the study area, a background CO value was added to the modeled one-hour and the computed eight-hour results. In the absence of site-specific background CO monitoring data, a background CO value of 3.0 ppm was used for the analysis.

2. Results

The results of the microscale analysis are presented in Table 4. The results include contributions from future-year traffic and background CO concentrations. Both the one-hour and eight-hour values are provided.

As shown in Table 4, for the year 2010 the predicted highest one- and eight-hour CO concentrations under the No-Build alternative at the I-275/Dale Mabry Highway interchange are 12.8 ppm and 7.4 ppm, respectively. Under the Build alternative, the highest one-hour value is 8.5 ppm and the highest eight-hour value is 5.5 ppm, a decrease compared to the No-Build alternative. CO concentrations are expected to remain below the NAAQS at all receptor sites in the vicinity of the I-275/Dale Mabry Highway interchange for the Build and No-Build alternatives.

Traffic operation analyses were conducted to evaluate the levels of service in the transition areas. The analyses indicate that the volume-to-capacity ratios for the basic freeway segments in the transition areas will be greater than the ratios for the ultimate improvement, but less than the ratios for the No-Build alternative. Similarly, the CO concentration in the vicinity of the transition areas are anticipated to be greater than CO concentrations for the ultimate improvement but less than CO concentrations for the No-Build alternative. As with the worst-case sites modeled in

TABLE 4

PREDICTED ONE-HOUR AND EIGHT-HOUR WORST-CASE CARBON MONOXIDE CONCENTRATIONS IN THE VICINITY OF THE I-275/DALE MABRY HIGHWAY INTERCHANGE FOR THE YEAR 2010 TAMPA INTERSTATE STUDY

	No-Build		Build		
Receptor[a]	1-Hour[b] (ppm)	8-Hour[b] (ppm)	1-Hour[b] (ppm)	8-Hour[b] (ppm)	Location/Description[c]
1	12.8	7.4	6.1	4.4	NE Quad/Business, front walk
2	6.5	4.6	5.3	4.0	SE Quad/Residential side yard
3	8.4	5.4	5.3	4.0	SE Quad/Residential backyard
4	9.0	5.7	7.8	5.2	SE Quad/Business, front walk
5	10.1	6.2	8.1	5.3	SW Quad/Business, front walk
6	11.5	6.8	6.5	4.6	SW Quad/Business, sidewalk
7	9.3	5.8	6.3	4.5	NW Quad/Residential backyard
8	9.7	6.0	6.4	4.5	NW Quad/Residential front yard
9	9.8	6.1	6.2	4.4	NW Quad/Business, sidewalk
10	11.4	6.8	8.5	5.5	NW Quad/Business, sidewalk

---

[a] See Appendix for receptor locations.

[b] Includes background concentration of 3.0 ppm.

[c] NE Quad = Northeast Quadrant
NW Quad = Northwest Quadrant
SE Quad = Southeast Quadrant
SW Quad = Southwest Quadrant

Ambient Air Quality Standards for carbon monoxide -- levels considered not to pose any significant health risks:

One-Hour Standard = 35 parts per million
Eight-Hour Standard = 8 parts per million

the microscale analysis for the Build and No-Build alternatives, CO concentrations at reasonable receptor sites in the vicinity of transition areas are expected to be well under the NAAQS for CO.

C. Hydrocarbon Emissions

As previously stated, Hillsborough County is designated as a non-attainment area for O_3. One of the primary pollutants emitted by highway vehicles, HC, can result in O_3 buildup on a regional scale. HC emissions were calculated for the Build and No-Build alternatives to determine the effect proposed improvements would have on this pollutant.

The HC computations were based on average daily traffic conditions projected for the year 2010. Roadway segment travel distances measured from roadway plan sheets, vehicle speeds derived from the 1985 Highway Capacity Manual,[5] traffic volumes obtained from the Tampa Interstate Study: Traffic Memorandum and motor vehicle emission factors computed by MOBILE5a were used in the calculations.

Based on these results, 230 tons/year of HC emissions are predicted for the Build alternative and 277 tons/year are predicted for the No-Build alternative indicating that proposed improvements will decrease HC emissions by about 17 percent. This decrease is a result of improved roadway operating conditions which will increase average vehicle speeds and correspondingly decrease HC emissions.

III. CONSTRUCTION IMPACTS

Construction activities will cause minor short-term air quality impacts in the form of dust from earthwork and unpaved roads and smoke from open burning. These impacts

will be minimized by adherence to all State and local regulations and to the FDOT Standard Specifications for Road and Bridge Construction.

IV. CONCLUSION

Based on the microscale dispersion analysis results, the Tampa Interstate project will not cause, or contribute to, CO concentrations above the one- and eight-hour NAAQS for CO. The analysis indicates that CO levels under the Build alternative will be lower than concentrations under the No-Build alternative.

The project is in an air quality non-attainment area which has transportation control measures in the SIP which was approved by the EPA on June 15, 1981. The Federal Highway Administration (FHWA) has determined that this project is included in the Tampa Urban Area Metropolitan Planning Organization's Long Range Transportation Plan (LRTP). A memorandum documenting the FDOT District Seven Planning Department's certification that the project is part of the LRTP is in the appendix. Therefore, pursuant to 23 CFR 770.9, this project conforms to the SIP.

V. AGENCY COORDINATION

Federal, state and local agencies were notified of the proposed action through the Advance Notification process. No comments concerning air quality issues were received in response to the Advance Notification packages.

LIST OF REFERENCES

1. Tampa Interstate Study: Preliminary Engineering Report, Prepared for the Florida Department of Transportation; Prepared by Greiner, Inc., May 1991.

2. Project Development and Environmental Guidelines, Florida Department of Transportation, July 1988.

3. MOBILE5a, Chapter 2, U.S. Environmental Protection Agency, March 1993, CALINE3 - A Versatile Dispersion Model for Predicting Air Pollutant Levels near Highways and Arterial Streets, California Department of Transportation, November 1979.

4. Tampa Interstate Study: Traffic Memorandum, Prepared for the Florida Department of Transportation; Prepared by Greiner, Inc., April 1991.

5. FDOT Highway Capacity Manual, Transportation Research Board, 1985.

6. Florida Department of Transportation Standard Specifications for Road and Bridge Construction, State of Florida Department of Transportation, 1991.

APPENDIX

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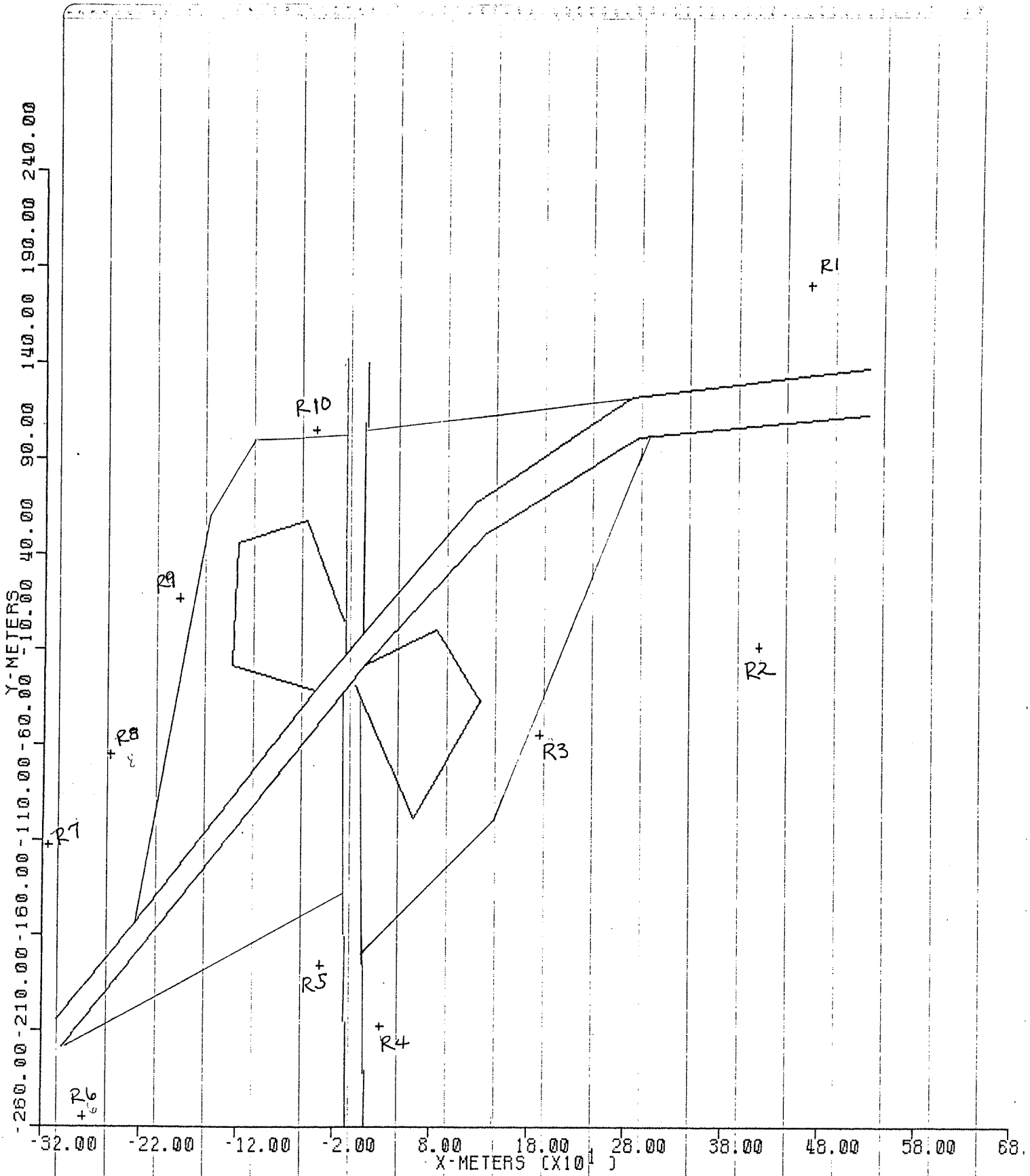


I275/DALE MABRY NO BUILD 2010
YEAR 2010 NO BUILD

JOB: I275/DALE MABRY NO BUILD 2010 RUN: 2010 NO BUILD

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	LINE LENGTH (M)	LINE BRG (DEG)	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. MABRY SB DELAY	-11.	274.	-12.	82.	192.	180.	AG	3155.	46.5	.0	14.6
B. MABRY SB MIDSEG1	-12.	82.	-12.	5.	78.	180.	AG	3115.	46.5	.0	11.0
C. MABRY SB MIDSEG2	-13.	5.	-12.	-99.	104.	180.	AG	2913.	46.5	.0	14.6
D. MABRY SB DEPART	-12.	-99.	-9.	-366.	267.	179.	AG	3332.	36.5	.0	17.1
E. MABRY NB FREE	9.	-366.	6.	-290.	76.	356.	AG	3332.	36.5	.0	17.1
F. MABRY NB DELAY	6.	-290.	5.	-156.	122.	359.	AG	2332.	36.5	.0	14.6
G. MABRY NB MIDSEG1	5.	-166.	5.	-99.	133.	359.	AG	1802.	36.5	.0	11.0
H. MABRY NB MIDSEG2	2.	-99.	3.	82.	111.	1.	AG	2225.	36.5	.0	14.6
I. MABRY NB DEPART	3.	82.	6.	274.	192.	1.	AG	3156.	27.4	.0	11.0
J. WB OFF RAMP FREE	285.	122.	157.	104.	129.	262.	AG	535.	36.5	.0	3.7
K. WB OFF RAMP DELAY	157.	104.	3.	82.	155.	262.	AG	895.	36.5	.0	7.3
L. WB ON RAMP SEG1	-12.	82.	-107.	81.	95.	269.	AG	1336.	36.5	.0	7.3
M. WB ON RAMP SEG2	-107.	81.	-152.	43.	60.	230.	AG	1386.	36.5	.0	3.7
N. WB ON RAMP SEG3	-152.	43.	-229.	-155.	212.	201.	AG	1386.	36.5	.0	3.7
O. EB OFF RAMP	-299.	-216.	-12.	-99.	310.	67.	AG	360.	27.4	.0	3.7
P. EB ON RAMP SEG1	5.	-166.	128.	-104.	139.	63.	AG	1676.	36.5	.0	11.0
Q. EB ON RAMP SEG2	128.	-104.	293.	101.	262.	39.	AG	1676.	36.5	.0	3.7

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 10. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-3.	1.5	.0
3. 3	191.	-56.	1.5	1.1
4. 4	29.	-267.	1.5	1.2
5. 5	-34.	-175.	1.5	5.6
6. 6	-277.	-255.	1.5	.2
7. 7	-314.	-115.	1.5	.0
8. 8	-251.	-68.	1.5	.0
9. 9	-161.	13.	1.5	.0

10. 10	* -41.	105.	1.5	*	2.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 20. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	1.1
4. 4	29.	-207.	1.5	.5
5. 5	-34.	-175.	1.5	2.9
6. 6	-277.	-255.	1.5	.6
7. 7	-314.	-119.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.1
10. 10	-41.	105.	1.5	3.3

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 30. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	1.0
4. 4	29.	-207.	1.5	.9
5. 5	-34.	-175.	1.5	2.2
6. 6	-277.	-255.	1.5	1.0
7. 7	-314.	-119.	1.5	.1
8. 8	-251.	-66.	1.5	.5
9. 9	-181.	17.	1.5	.7
10. 10	-41.	105.	1.5	3.6

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 40. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.4
4. 4	29.	-207.	1.5	.9
5. 5	-34.	-175.	1.5	2.0
6. 6	-277.	-255.	1.5	.9
7. 7	-314.	-113.	1.5	.6
8. 8	-251.	-66.	1.5	1.0
9. 9	-191.	17.	1.5	1.6
10. 10	-41.	105.	1.5	3.5

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 60. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.1
4. 4	29.	-207.	1.5	.6
5. 5	-34.	-175.	1.5	2.1
6. 6	-277.	-255.	1.5	.3
7. 7	-314.	-113.	1.5	1.1
8. 8	-251.	-66.	1.5	1.3
9. 9	-161.	17.	1.5	2.1
10. 10	-41.	105.	1.5	3.4

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 60. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0

4. 4	*	29.	-207.	1.5	* .2
5. 5	*	-34.	-175.	1.5	* 2.7
6. 6	*	-277.	-255.	1.5	* .8
7. 7	*	-314.	-113.	1.5	* 1.0
8. 8	*	-251.	-66.	1.5	* 1.3
9. 9	*	-181.	17.	1.5	* 2.4
10. 10	*	-41.	105.	1.5	* 3.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 70. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL - AMB (PPM)
1. 1	*	469.	180.	1.5	*	.0
2. 2	*	419.	-9.	1.5	*	.0
3. 3	*	191.	-55.	1.5	*	.0
4. 4	*	29.	-207.	1.5	*	.0
5. 5	*	-34.	-175.	1.5	*	2.9
6. 6	*	-277.	-255.	1.5	*	.6
7. 7	*	-314.	-113.	1.5	*	1.0
8. 8	*	-251.	-66.	1.5	*	1.3
9. 9	*	-181.	17.	1.5	*	2.1
10. 10	*	-41.	105.	1.5	*	3.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 80. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL - AMB (PPM)
1. 1	*	469.	180.	1.5	*	.0
2. 2	*	419.	-9.	1.5	*	.0
3. 3	*	191.	-55.	1.5	*	.0
4. 4	*	29.	-207.	1.5	*	.0
5. 5	*	-34.	-175.	1.5	*	2.6
6. 6	*	-277.	-255.	1.5	*	.4
7. 7	*	-314.	-113.	1.5	*	.8
8. 8	*	-251.	-66.	1.5	*	1.1
9. 9	*	-181.	17.	1.5	*	2.0
10. 10	*	-41.	105.	1.5	*	3.4

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 90. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	2.2
6. 6	-277.	-255.	1.5	.3
7. 7	-314.	-113.	1.5	.5
8. 8	-251.	-66.	1.5	1.0
9. 9	-181.	17.	1.5	1.5
10. 10	-41.	105.	1.5	3.5

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 100. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	1.9
6. 6	-277.	-255.	1.5	.3
7. 7	-314.	-113.	1.5	.6
8. 8	-251.	-66.	1.5	.9
9. 9	-181.	17.	1.5	1.6
10. 10	-41.	105.	1.5	4.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 110. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	1.9
6. 6	-277.	-255.	1.5	.2
7. 7	-314.	-113.	1.5	.5
8. 8	-251.	-66.	1.5	.6
9. 9	-181.	17.	1.5	1.6
10. 10	-41.	105.	1.5	3.9

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 120. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	2.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.3
8. 9	-251.	-66.	1.5	.7
9. 9	-181.	17.	1.5	1.5
10. 10	-41.	105.	1.5	3.7

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 130. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)

1. 1	*	469.	180.	1.5	*	.0
2. 2	*	418.	-9.	1.5	*	.0
3. 3	*	191.	-55.	1.5	*	.0
4. 4	*	29.	-207.	1.5	*	.0
5. 5	*	-34.	-175.	1.5	*	2.1
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	.1
8. 8	*	-251.	-66.	1.5	*	.7
9. 9	*	-181.	17.	1.5	*	1.4
10. 10	*	-41.	105.	1.5	*	3.6

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 140. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)
1. 1	*	469.	180.	1.5	*	.0
2. 2	*	418.	-9.	1.5	*	.0
3. 3	*	191.	-55.	1.5	*	.0
4. 4	*	29.	-207.	1.5	*	.0
5. 5	*	-34.	-175.	1.5	*	2.2
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	.0
8. 8	*	-251.	-66.	1.5	*	.6
9. 9	*	-181.	17.	1.5	*	1.3
10. 10	*	-41.	105.	1.5	*	3.6

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 150. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)
1. 1	*	469.	180.	1.5	*	.0
2. 2	*	418.	-9.	1.5	*	.0
3. 3	*	191.	-55.	1.5	*	.0
4. 4	*	29.	-207.	1.5	*	.0
5. 5	*	-34.	-175.	1.5	*	2.2

6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	.0
8. 8	*	-251.	-66.	1.5	*	.3
9. 9	*	-181.	17.	1.5	*	1.2
10. 10	*	-41.	105.	1.5	*	4.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 160. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)
1. 1	*	469.	180.	1.5	*	.0
2. 2	*	418.	-9.	1.5	*	.0
3. 3	*	191.	-55.	1.5	*	.0
4. 4	*	29.	-207.	1.5	*	.0
5. 5	*	-34.	-175.	1.5	*	2.0
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	.0
8. 8	*	-251.	-66.	1.5	*	.3
9. 9	*	-181.	17.	1.5	*	1.0
10. 10	*	-41.	105.	1.5	*	4.2

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 170. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)
1. 1	*	469.	180.	1.5	*	.0
2. 2	*	418.	-9.	1.5	*	.0
3. 3	*	191.	-55.	1.5	*	.0
4. 4	*	29.	-207.	1.5	*	.1
5. 5	*	-34.	-175.	1.5	*	1.3
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	.0
8. 8	*	-251.	-66.	1.5	*	.1
9. 9	*	-181.	17.	1.5	*	.8

10. 10	*	-41.	105.	1.5	*	3.4

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 180. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	39.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.9
10. 10	-41.	105.	1.5	2.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 190. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	39.	-207.	1.5	1.4
5. 5	-34.	-175.	1.5	.1
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.9
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 200. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	2.0
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.4
10. 10	-41.	105.	1.5	.7

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 210. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.4
4. 4	29.	-207.	1.5	2.3
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.1
10. 10	-41.	105.	1.5	.3

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M

BRG = 220. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.1
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.9
4. 4	29.	-207.	1.5	2.3
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	1.0

I. SITE VARIABLES

U = 1.1 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 230. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.2
3. 3	191.	-55.	1.5	1.3
4. 4	29.	-207.	1.5	2.1
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	1.0

I. SITE VARIABLES

U = 1.1 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 240. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.6
2. 2	418.	-9.	1.5	.3
3. 3	191.	-55.	1.5	1.9
4. 4	29.	-207.	1.5	2.1
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-68.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	1.2

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 280. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.7
2. 2	418.	-9.	1.5	.6
3. 3	191.	-55.	1.5	1.7
4. 4	29.	-207.	1.5	2.0
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-68.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.8

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 260. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

* * TOTAL

RECEPTOR	COORDINATES (M) X	Y	Z	+ AMB (PPM)
1. 1	469.	180.	1.5	.7
2. 2	418.	-9.	1.5	.5
3. 3	191.	-55.	1.5	1.7
4. 4	29.	-207.	1.5	2.1
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.3

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 270. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)
1. 1	469.	180.	1.5	.3
2. 2	418.	-9.	1.5	.6
3. 3	191.	-55.	1.5	1.6
4. 4	29.	-207.	1.5	2.1
5. 5	-34.	-175.	1.5	.1
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 280. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)
1. 1	469.	180.	1.5	.3

2. 2	*	418.	-9.	1.5	* .8
3. 3	*	191.	-55.	1.5	* 1.7
4. 4	*	29.	-207.	1.5	* 2.2
5. 5	*	-34.	-175.	1.5	* .2
6. 6	*	-277.	-255.	1.5	* .0
7. 7	*	-314.	-110.	1.5	* .0
8. 8	*	-251.	-66.	1.5	* .0
9. 9	*	-181.	17.	1.5	* .0
10. 10	*	-41.	105.	1.5	* .0

I. SITE VARIABLES

= 1.0 M/S CLAS = 4 VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 290. DEGREES SO = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)
1. 1	*	469.	189.	1.5	*	.1
2. 2	*	418.	-9.	1.5	*	.7
3. 3	*	191.	-55.	1.5	*	1.7
4. 4	*	29.	-207.	1.5	*	2.2
5. 5	*	-34.	-175.	1.5	*	.2
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-110.	1.5	*	.0
8. 8	*	-251.	-66.	1.5	*	.0
9. 9	*	-181.	17.	1.5	*	.0
10. 10	*	-41.	105.	1.5	*	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 290. DEGREES SO = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)
1. 1	*	469.	189.	1.5	*	.0
2. 2	*	418.	-9.	1.5	*	.7
3. 3	*	191.	-55.	1.5	*	1.9
4. 4	*	29.	-207.	1.5	*	2.2
5. 5	*	-34.	-175.	1.5	*	.2

6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	.0
8. 8	*	-251.	-66.	1.5	*	.0
9. 9	*	-181.	17.	1.5	*	.0
10. 10	*	-41.	105.	1.5	*	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 310. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)
1. 1	*	488.	180.	1.5	*	.0
2. 2	*	418.	-9.	1.5	*	.4
3. 3	*	191.	-55.	1.5	*	1.9
4. 4	*	23.	-207.	1.5	*	2.0
5. 5	*	-34.	-175.	1.5	*	.3
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	.0
8. 8	*	-251.	-66.	1.5	*	.0
9. 9	*	-181.	17.	1.5	*	.0
10. 10	*	-41.	105.	1.5	*	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 320. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)
1. 1	*	488.	180.	1.5	*	.0
2. 2	*	418.	-9.	1.5	*	.0
3. 3	*	191.	-55.	1.5	*	1.9
4. 4	*	23.	-207.	1.5	*	2.0
5. 5	*	-34.	-175.	1.5	*	.2
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	.0
8. 8	*	-251.	-66.	1.5	*	.0
9. 9	*	-181.	17.	1.5	*	.0

10. 10	*	-41.	105.	1.5	*	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 330. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	1.5
4. 4	29.	-207.	1.5	3.7
5. 5	-34.	-175.	1.5	.2
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-115.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 340. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	1.2
4. 4	29.	-207.	1.5	3.8
5. 5	-34.	-175.	1.5	.2
6. 6	-277.	-255.	1.5	.1
7. 7	-314.	-115.	1.5	.1
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 360. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1, 1	469.	180.	1.5	.0
2, 2	418.	-9.	1.5	.0
3, 3	191.	-55.	1.5	1.1
4, 4	29.	-207.	1.5	1.5
5, 5	-34.	-175.	1.5	1.5
6, 6	-277.	-255.	1.5	.1
7, 7	-314.	-113.	1.5	.0
8, 8	-251.	-66.	1.5	.0
9, 9	-181.	17.	1.5	.0
10, 10	-41.	105.	1.5	.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 360. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1, 1	469.	180.	1.5	.0
2, 2	418.	-9.	1.5	.0
3, 3	191.	-55.	1.5	1.0
4, 4	29.	-207.	1.5	2.4
5, 5	-34.	-175.	1.5	2.6
6, 6	-277.	-255.	1.5	.1
7, 7	-314.	-113.	1.5	.0
8, 8	-251.	-66.	1.5	.0
9, 9	-181.	17.	1.5	.0
10, 10	-41.	105.	1.5	.3

JOB: I275/DALE MABRY NO BUILD 2010 RUN: 2010 NO BUILD

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	LINK LENGTH (M)	LINK BRG (DEG)	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NW CLOVERLEAF SEG1	-41.	-32.	-126.	-19.	86.	273.	AG	780.	36.5	.0	3.7
B. NW CLOVERLEAF SEG2	-126.	-18.	-122.	46.	64.	4.	AG	780.	36.5	.0	3.7
C. NW CLOVERLEAF SEG3	-122.	46.	-50.	58.	73.	80.	AG	780.	36.5	.0	3.7
D. NW CLOVERLEAF SEG4	-50.	58.	-12.	5.	60.	144.	AG	780.	36.5	.0	3.7
E. SE CLOVERLEAF SEG1	11.	-18.	84.	0.	72.	70.	AG	1020.	36.5	.0	3.7
F. SE CLOVERLEAF SEG2	84.	0.	130.	-58.	66.	130.	AG	1020.	36.5	.0	3.7
G. SE CLOVERLEAF SEG3	130.	-58.	62.	-99.	91.	226.	AG	1020.	36.5	.0	3.7
H. SE CLOVERLEAF SEG4	62.	-99.	2.	-23.	85.	213.	AG	1020.	36.5	.0	3.7
I. I275 WB SEG1	530.	137.	295.	122.	246.	266.	FL	9000.	36.5	.0	11.0
J. I275 WB SEG2	295.	122.	123.	67.	171.	251.	FL	8110.	36.5	.0	11.0
K. I275 WB SEG3	123.	67.	-41.	-32.	192.	239.	FL	8110.	36.5	.0	11.0
L. I275 WB SEG4	-41.	-32.	-229.	-155.	224.	237.	FL	7000.	36.5	.0	11.0
M. I275 WB SEG5	-229.	-155.	-306.	-204.	90.	237.	FL	8719.	36.5	.0	11.0
N. I275 EB SEG1	-299.	-216.	11.	-18.	368.	57.	FL	8356.	36.5	.0	11.0
O. I275 EB SEG2	11.	-18.	133.	50.	140.	81.	FL	7335.	36.5	.0	11.0
P. I275 EB SEG3	133.	50.	293.	101.	168.	73.	FL	7233.	36.5	.0	11.0
Q. I275 EB SEG4	293.	101.	530.	113.	238.	87.	FL	9000.	36.5	.0	11.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 10. DEGREES ZO = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)
1. 1	468.	150.	1.8	.0
2. 2	415.	-3.	1.8	3.4
3. 3	191.	-55.	1.8	3.0
4. 4	22.	-209.	1.8	2.7
5. 5	-34.	-176.	1.8	3.5
6. 6	-277.	-258.	1.8	8.8
7. 7	-314.	-113.	1.8	.0

8. 8	*	-251.	-66.	1.5	*	.0
9. 9	*	-181.	17.	1.5	*	.0
10. 10	*	-41.	105.	1.5	*	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 20. DEGREES ZO = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	489.	180.	1.5	.0
2. 2	418.	-9.	1.5	3.3
3. 3	191.	-55.	1.5	3.1
4. 4	29.	-207.	1.5	2.5
5. 5	-34.	-175.	1.5	3.6
6. 6	-277.	-255.	1.5	6.9
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 30. DEGREES ZO = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	489.	180.	1.5	.0
2. 2	418.	-9.	1.5	3.0
3. 3	191.	-55.	1.5	3.1
4. 4	29.	-207.	1.5	2.4
5. 5	-34.	-175.	1.5	3.5
6. 6	-277.	-255.	1.5	7.3
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 40. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	1.9
3. 3	191.	-55.	1.5	3.2
4. 4	29.	-207.	1.5	2.2
5. 5	-34.	-175.	1.5	3.4
6. 6	-277.	-255.	1.5	7.6
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 50. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.7
3. 3	191.	-55.	1.5	2.9
4. 4	29.	-207.	1.5	1.7
5. 5	-34.	-175.	1.5	2.7
6. 6	-277.	-255.	1.5	6.5
7. 7	-314.	-113.	1.5	.2
8. 8	-251.	-66.	1.5	.3
9. 9	-181.	17.	1.5	.1
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 60. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.1
3. 3	191.	-55.	1.5	2.1
4. 4	29.	-207.	1.5	.7
5. 5	-34.	-175.	1.5	1.6
6. 6	-277.	-255.	1.5	3.6
7. 7	-314.	-113.	1.5	1.9
8. 8	-251.	-66.	1.5	1.7
9. 9	-181.	17.	1.5	.4
10. 10	-41.	105.	1.5	.9

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 70. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.8
4. 4	29.	-207.	1.5	.2
5. 5	-34.	-175.	1.5	.5
6. 6	-277.	-255.	1.5	1.1
7. 7	-314.	-113.	1.5	4.9
8. 8	-251.	-66.	1.5	4.4
9. 9	-181.	17.	1.5	2.2
10. 10	-41.	105.	1.5	.4

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 80. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.1
4. 4	23.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	5.5
8. 8	-251.	-66.	1.5	5.6
9. 9	-181.	17.	1.5	4.5
10. 10	-41.	105.	1.5	2.3

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 90. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	4.4
8. 8	-251.	-66.	1.5	4.8
9. 9	-181.	17.	1.5	5.0
10. 10	-41.	105.	1.5	4.3

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 100. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.1
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	4.2
8. 8	-251.	-66.	1.5	4.0
9. 9	-181.	17.	1.5	4.0
10. 10	-41.	105.	1.5	4.4

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 110. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.5
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	4.0
8. 8	-251.	-66.	1.5	3.7
9. 9	-181.	17.	1.5	3.8
10. 10	-41.	105.	1.5	3.8

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 120. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)

1. 1	469.	180.	1.5		1.6
2. 2	418.	-9.	1.5		.0
3. 3	191.	-55.	1.5		.0
4. 4	29.	-207.	1.5		.0
5. 5	-34.	-175.	1.5		.0
6. 6	-277.	-255.	1.5		.0
7. 7	-314.	-113.	1.5		4.0
8. 8	-251.	-66.	1.5		3.6
9. 9	-181.	17.	1.5		3.5
10. 10	-41.	105.	1.5		3.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 130. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	3.2
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	4.1
8. 8	-251.	-66.	1.5	3.6
9. 9	-181.	17.	1.5	3.2
10. 10	-41.	105.	1.5	3.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 140. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	4.7
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0

4. 4	*	29.	-207.	1.5	*	.0
5. 5	*	-34.	-175.	1.5	*	.0
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	4.0
8. 8	*	-251.	-66.	1.5	*	3.5
9. 9	*	-181.	17.	1.5	*	2.9
10. 10	*	-41.	105.	1.5	*	3.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 150. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)
1. 1	*	489.	136.	1.5	*	5.5
2. 2	*	418.	-3.	1.5	*	.0
3. 3	*	191.	-55.	1.5	*	.0
4. 4	*	29.	-207.	1.5	*	.0
5. 5	*	-34.	-175.	1.5	*	.0
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	3.9
8. 8	*	-251.	-66.	1.5	*	3.5
9. 9	*	-181.	17.	1.5	*	2.9
10. 10	*	-41.	105.	1.5	*	3.3

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 160. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)
1. 1	*	489.	136.	1.5	*	5.6
2. 2	*	418.	-3.	1.5	*	.0
3. 3	*	191.	-55.	1.5	*	.0
4. 4	*	29.	-207.	1.5	*	.0
5. 5	*	-34.	-175.	1.5	*	.0
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	3.5

8. 8	*	-251.	-66.	1.5	*	3.7
9. 9	*	-181.	17.	1.5	*	2.9
10. 10	*	-41.	105.	1.5	*	3.3

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 170. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)
1. 1	*	469.	180.	1.5	*	5.8
2. 2	*	418.	-9.	1.5	*	.0
3. 3	*	191.	-55.	1.5	*	.0
4. 4	*	29.	-207.	1.5	*	.0
5. 5	*	-34.	-175.	1.5	*	.0
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-116.	1.5	*	2.5
8. 8	*	-251.	-66.	1.5	*	3.7
9. 9	*	-181.	17.	1.5	*	2.9
10. 10	*	-41.	105.	1.5	*	3.4

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 180. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)
1. 1	*	469.	180.	1.5	*	5.8
2. 2	*	418.	-9.	1.5	*	.0
3. 3	*	191.	-55.	1.5	*	.0
4. 4	*	29.	-207.	1.5	*	.0
5. 5	*	-34.	-175.	1.5	*	.0
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-116.	1.5	*	1.2
8. 8	*	-251.	-66.	1.5	*	3.9
9. 9	*	-181.	17.	1.5	*	3.0
10. 10	*	-41.	105.	1.5	*	3.3

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 190. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	5.7
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	23.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	2.4
9. 9	-121.	17.	1.5	3.1
10. 10	-41.	106.	1.5	2.5

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 200. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	5.9
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	23.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	2.1
9. 9	-121.	17.	1.5	2.6
10. 10	-41.	106.	1.5	2.2

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 210. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	6.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.3
9. 9	-181.	17.	1.5	1.6
10. 10	-41.	105.	1.5	3.6

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 220. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)
1. 1	469.	180.	1.5	6.3
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.1
9. 9	-181.	17.	1.5	.5
10. 10	-41.	105.	1.5	3.4

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 230. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	7.4
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	1.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 240. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	9.2
2. 2	418.	-9.	1.5	.1
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 260. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	8.6
2. 2	418.	-9.	1.5	.8
3. 3	191.	-55.	1.5	2.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	.5
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 280. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	4.0
2. 2	418.	-9.	1.5	2.1
3. 3	191.	-55.	1.5	3.2
4. 4	29.	-207.	1.5	.5
5. 5	-34.	-175.	1.5	1.6
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 270. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)

1. 1	469.	180.	1.5		.8
2. 2	418.	-9.	1.5		2.4
3. 3	191.	-55.	1.5		3.6
4. 4	29.	-207.	1.5		1.6
5. 5	-34.	-175.	1.5		3.1
6. 6	-277.	-255.	1.5		.0
7. 7	-314.	-113.	1.5		.0
8. 8	-251.	-66.	1.5		.0
9. 9	-181.	17.	1.5		.0
10. 10	-41.	105.	1.5		.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 280. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	2.6
3. 3	191.	-55.	1.5	3.7
4. 4	29.	-207.	1.5	2.4
5. 5	-34.	-175.	1.5	3.4
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 290. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	2.6
3. 3	191.	-55.	1.5	3.8

4. 4	*	29.	-207.	1.5	*	2.4
5. 5	*	-34.	-175.	1.5	*	3.3
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	.0
8. 8	*	-251.	-66.	1.5	*	.0
9. 9	*	-181.	17.	1.5	*	.0
10. 10	*	-41.	105.	1.5	*	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 300. DEGREES ZO = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL - AMB (PPM)
1. 1	*	469.	180.	1.5	*	.0
2. 2	*	418.	-9.	1.5	*	2.8
3. 3	*	191.	-55.	1.5	*	3.2
4. 4	*	29.	-207.	1.5	*	2.3
5. 5	*	-34.	-175.	1.5	*	3.2
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	.0
8. 8	*	-251.	-66.	1.5	*	.0
9. 9	*	-181.	17.	1.5	*	.0
10. 10	*	-41.	105.	1.5	*	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 310. DEGREES ZO = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL - AMB (PPM)
1. 1	*	469.	180.	1.5	*	.0
2. 2	*	418.	-9.	1.5	*	3.1
3. 3	*	191.	-55.	1.5	*	2.9
4. 4	*	29.	-207.	1.5	*	2.2
5. 5	*	-34.	-175.	1.5	*	3.1
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	.0

8. 8	*	-251.	-66.	1.5	*	.0
9. 9	*	-181.	17.	1.5	*	.0
10. 10	*	-41.	105.	1.5	*	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 320. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	413.	-9.	1.5	3.4
3. 3	191.	-55.	1.5	2.6
4. 4	29.	-207.	1.5	2.5
5. 5	-34.	-175.	1.5	3.1
6. 6	-277.	-255.	1.5	1.2
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 330. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	413.	-9.	1.5	3.5
3. 3	191.	-55.	1.5	3.0
4. 4	29.	-207.	1.5	2.5
5. 5	-34.	-175.	1.5	3.2
6. 6	-277.	-255.	1.5	3.1
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 340. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	3.4
3. 3	191.	-55.	1.5	2.9
4. 4	29.	-207.	1.5	3.4
5. 5	-34.	-175.	1.5	3.2
6. 6	-277.	-255.	1.5	4.3
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-68.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 350. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

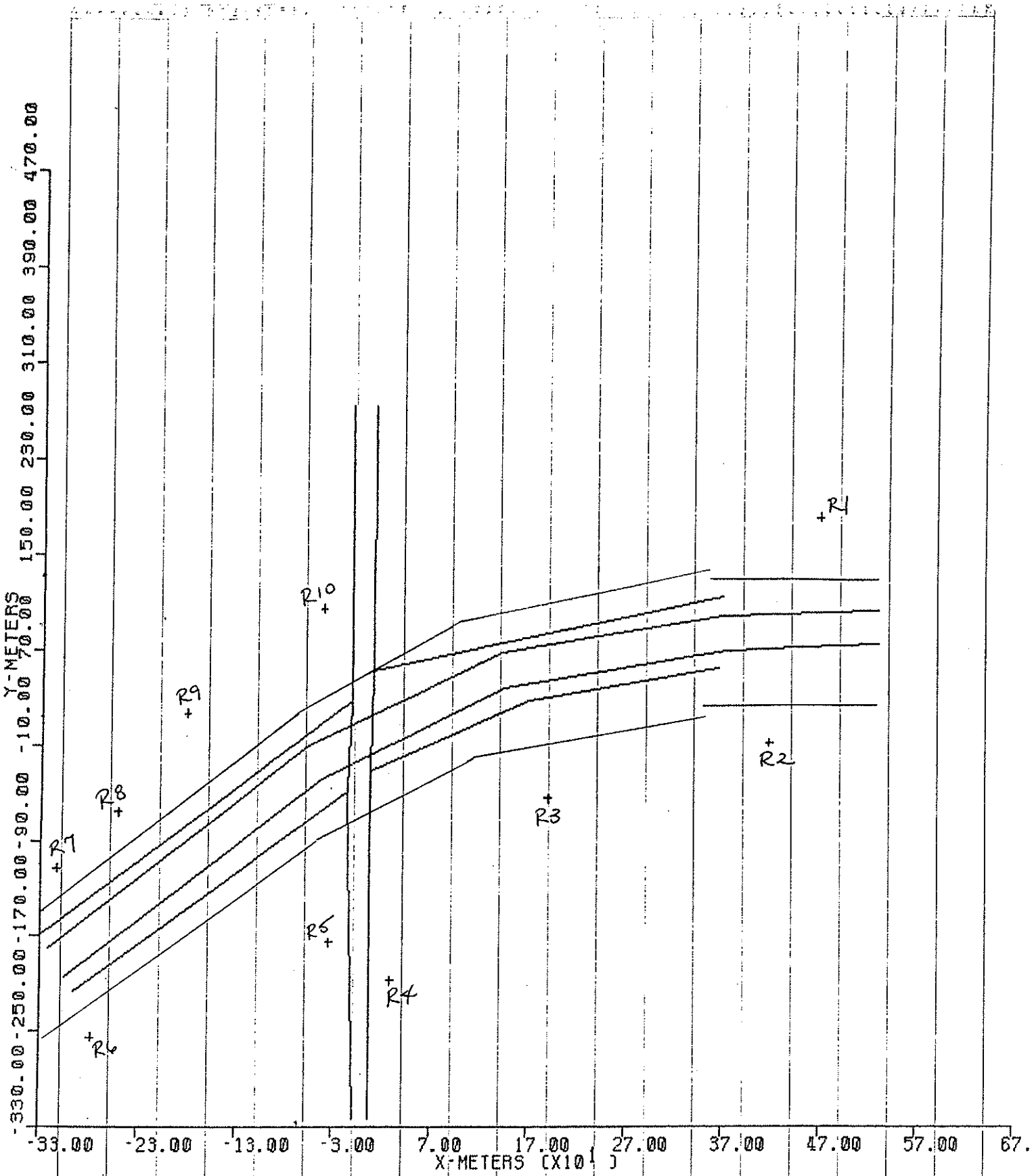
RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	3.4
3. 3	191.	-55.	1.5	3.0
4. 4	29.	-207.	1.5	2.5
5. 5	-34.	-175.	1.5	3.2
6. 6	-277.	-255.	1.5	5.7
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-68.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 360. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	3.4
3. 3	191.	-55.	1.5	2.8
4. 4	29.	-207.	1.5	2.6
5. 5	-34.	-175.	1.5	3.4
6. 6	-277.	-255.	1.5	6.2
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0



I275/DALE MABRY 2010 BUILD

I275/DALE MABRY 2010 BUILD

JOB: I275/DALE MABRY BUILD 2010 RUN: 2010 BUILD

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	LINK LENGTH (M)	LINK BRG (DEG)	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. MABRY SB DELAY	-13.	274.	-13.	27.	247.	181.	AG	3156.	42.4	.0	18.3
B. MABRY SB MIDSEG	-13.	27.	-17.	-49.	76.	193.	AG	2815.	42.4	.0	21.9
C. MABRY SB DEPART	-17.	-49.	-9.	-322.	274.	178.	AG	2892.	26.9	.0	26.7
D. MABRY NB FREE	8.	-322.	1.	-258.	64.	360.	AG	3552.	26.9	.0	27.7
E. MABRY NB DELAY	6.	-259.	6.	-32.	227.	356.	AG	3362.	42.4	.0	21.9
F. MABRY NB MIDSEG	9.	-33.	11.	52.	84.	5.	AG	3282.	42.4	.0	21.9
G. MABRY NB DEPART	11.	52.	13.	274.	222.	3.	AG	[illegible]	[illegible]	.0	24.4
H. WB OFF RAMP	11.	52.	171.	114.	123.	[illegible]	AG	1873.	42.4	.0	12.
I. WB ON RAMP	-13.	27.	-129.	-106.	172.	233.	AG	1338.	12.3	.0	[illegible]
J. EB OFF RAMP	-17.	-49.	-121.	-210.	325.	229.	AG	1138.	12.2	.0	9.3
K. EB ON RAMP SEG1	[illegible]	-32.	171.	27.	174.	7[illegible]	AG	1878.	12.3	.0	20.7
L. EB ON RAMP SEG2	171.	27.	302.	53.	137.	32.	AG	1878.	12.2	.0	20.7
M. I275 WB MAIN SEG1	530.	102.	[illegible]	33.	19[illegible]	266.	FL	5212.	3.7	7.0	17.1
N. I275 WB MAIN SEG2	370.	33.	142.	37.	231.	252.	FL	5212.	3.7	7.0	17.1
O. I275 WB [illegible] SEG3	142.	37.	-56.	-11.	213.	249.	FL	5212.	3.7	7.0	17.1
P. I275 [illegible] MAIN SEG4	-56.	-11.	-322.	-160.	313.	237.	FL	5212.	3.7	7.0	17.1
Q. I275 EB MAIN SEG1	-302.	-204.	-43.	-36.	310.	33.	FL	5212.	3.7	7.0	17.1
R. I275 EB MAIN SEG2	-43.	-36.	143.	33.	203.	33.	FL	5212.	3.7	7.0	17.1
S. I275 EB MAIN SEG3	143.	33.	375.	69.	232.	33.	FL	5212.	3.7	7.0	17.1
T. I275 EB MAIN SEG4	375.	69.	530.	73.	156.	33.	FL	5212.	3.7	7.0	17.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = [illegible] M
ZRO = 10. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	488.	130.	1.8	.6
2. 2	113.	-3.	1.8	.7
3. 3	191.	-33.	1.8	1.2
4. 4	23.	-207.	1.8	1.3
5. 5	-34.	-175.	1.8	4.7
6. 6	-277.	-258.	1.8	1.3
7. 7	-314.	-113.	1.8	.3

8. 8	*	-251.	-66.	1.5	*	.0
9. 9	*	-181.	17.	1.5	*	.0
10. 10	*	-41.	105.	1.5	*	2.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 30. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL - AMB (PPM)
1. 1	*	469.	180.	1.5	*	.0
2. 2	*	418.	-9.	1.5	*	.7
3. 3	*	191.	-66.	1.5	*	1.3
4. 4	*	39.	-207.	1.5	*	.9
5. 5	*	-34.	-175.	1.5	*	4.7
6. 6	*	-277.	-255.	1.5	*	2.2
7. 7	*	-314.	-113.	1.5	*	.0
8. 8	*	-251.	-66.	1.5	*	.0
9. 9	*	-181.	17.	1.5	*	.1
10. 10	*	-41.	105.	1.5	*	3.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 30. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)
1. 1	*	469.	180.	1.5	*	.0
2. 2	*	418.	-9.	1.5	*	.7
3. 3	*	191.	-66.	1.5	*	1.3
4. 4	*	39.	-207.	1.5	*	.9
5. 5	*	-34.	-175.	1.5	*	4.3
6. 6	*	-277.	-255.	1.5	*	3.3
7. 7	*	-314.	-113.	1.5	*	.1
8. 8	*	-251.	-66.	1.5	*	.0
9. 9	*	-181.	17.	1.5	*	.4
10. 10	*	-41.	105.	1.5	*	3.3

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 40. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)
1. 1	489.	190.	1.5	.0
2. 2	415.	-9.	1.5	.0
3. 3	191.	-55.	1.5	1.2
4. 4	23.	-207.	1.5	.7
5. 5	-64.	-175.	1.5	3.3
6. 6	-207.	-255.	1.5	2.7
7. 7	-314.	-115.	1.5	.4
8. 8	-351.	-66.	1.5	.9
9. 9	-181.	17.	1.5	.7
10. 10	-41.	105.	1.5	2.4

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 50. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	413.	-3.	1.5	.4
3. 3	191.	-55.	1.5	1.1
4. 4	23.	-207.	1.5	.5
5. 5	-64.	-175.	1.5	3.6
6. 6	-207.	-255.	1.5	3.5
7. 7	-314.	-115.	1.5	.6
8. 8	-351.	-66.	1.5	.7
9. 9	-181.	17.	1.5	.6
10. 10	-41.	105.	1.5	2.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 60. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.1
3. 3	191.	-55.	1.5	.9
4. 4	89.	-207.	1.5	.2
5. 5	-34.	-175.	1.5	3.3
6. 6	-277.	-255.	1.5	1.7
7. 7	-314.	-113.	1.5	1.5
8. 8	-251.	-66.	1.5	1.6
9. 9	-181.	17.	1.5	1.0
10. 10	-41.	105.	1.5	3.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 70. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.3
4. 4	89.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	2.9
6. 6	-277.	-255.	1.5	.5
7. 7	-314.	-113.	1.5	2.4
8. 8	-251.	-66.	1.5	2.1
9. 9	-181.	17.	1.5	1.5
10. 10	-41.	105.	1.5	3.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 80. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-3.	1.5	.0
3. 3	191.	-55.	1.5	.1
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	2.5
6. 6	-277.	-255.	1.5	.5
7. 7	-314.	-113.	1.5	2.5
8. 8	-251.	-62.	1.5	2.5
9. 9	-181.	17.	1.5	2.5
10. 10	-41.	105.	1.5	3.4

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 90. DEGREES Z0 = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-3.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	2.5
6. 6	-277.	-255.	1.5	.5
7. 7	-314.	-113.	1.5	2.2
8. 8	-251.	-66.	1.5	2.2
9. 9	-181.	17.	1.5	2.2
10. 10	-41.	105.	1.5	3.4

I. SITE VARIABLES

U = 1.1 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 100. DEGREES Z0 = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)
1. 1	489.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	2.5
6. 6	-277.	-255.	1.5	.1
7. 7	-314.	-113.	1.5	2.2
8. 8	-251.	-66.	1.5	2.0
9. 9	-181.	17.	1.5	2.2
10. 10	-41.	135.	1.5	5.1

I. SITE VARIABLES

U = 1.1 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 110. DEGREES ZO = 105. CM VE = .1 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)
1. 1	489.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	2.5
6. 6	-277.	-255.	1.5	.1
7. 7	-314.	-113.	1.5	2.0
8. 8	-251.	-66.	1.5	2.0
9. 9	-181.	17.	1.5	1.8
10. 10	-41.	135.	1.5	4.9

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 180. DEGREES ZO = 105. CM VE = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)

1. 1	469.	180.	1.5		.0
2. 2	418.	-9.	1.5		.0
3. 3	191.	-55.	1.5		.0
4. 4	29.	-207.	1.5		.0
5. 5	-34.	-175.	1.5		2.6
6. 6	-277.	-255.	1.5		.0
7. 7	-314.	-113.	1.5		1.8
8. 8	-251.	-66.	1.5		2.0
9. 9	-181.	17.	1.5		1.8
10. 10	-41.	105.	1.5		4.5

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 130. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.1
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	.0
5. 5	-34.	-175.	1.5	2.6
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	1.6
8. 8	-251.	-66.	1.5	1.9
9. 9	-181.	17.	1.5	1.7
10. 10	-41.	105.	1.5	4.4

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 140. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.1
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0

4. 4	*	29.	-207.	1.5	*	.0
5. 5	*	-34.	-175.	1.5	*	2.8
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	1.5
8. 8	*	-251.	-66.	1.5	*	1.6
9. 9	*	-181.	17.	1.5	*	1.8
10. 10	*	-41.	105.	1.5	*	4.5

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 150. DEGREES ZO = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)
1. 1	*	469.	180.	1.5	*	.5
2. 2	*	418.	-9.	1.5	*	.0
3. 3	*	191.	-55.	1.5	*	.0
4. 4	*	29.	-207.	1.5	*	.0
5. 5	*	-34.	-175.	1.5	*	2.8
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	1.5
8. 8	*	-251.	-66.	1.5	*	1.5
9. 9	*	-181.	17.	1.5	*	1.6
10. 10	*	-41.	105.	1.5	*	4.7

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 180. DEGREES ZO = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL - AMB (PPM)
1. 1	*	469.	180.	1.5	*	.0
2. 2	*	418.	-9.	1.5	*	.0
3. 3	*	191.	-55.	1.5	*	.0
4. 4	*	29.	-207.	1.5	*	.0
5. 5	*	-34.	-175.	1.5	*	2.4
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	1.3

8. 8	*	-251.	-66.	1.5	*	1.5
9. 9	*	-181.	17.	1.5	*	1.2
10. 10	*	-41.	105.	1.5	*	4.9

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 170. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL - AMB (PPM)
1. 1	*	469.	180.	1.5	*	.7
2. 2	*	418.	-9.	1.5	*	.0
3. 3	*	191.	-55.	1.5	*	.0
4. 4	*	29.	-207.	1.5	*	.1
5. 5	*	-34.	-175.	1.5	*	1.5
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	1.2
8. 8	*	-251.	-66.	1.5	*	1.5
9. 9	*	-181.	17.	1.5	*	1.1
10. 10	*	-41.	105.	1.5	*	4.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 180. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL - AMB (PPM)
1. 1	*	469.	180.	1.5	*	.7
2. 2	*	418.	-9.	1.5	*	.0
3. 3	*	191.	-55.	1.5	*	.0
4. 4	*	29.	-207.	1.5	*	.0
5. 5	*	-34.	-175.	1.5	*	.0
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	.0
8. 8	*	-251.	-66.	1.5	*	1.5
9. 9	*	-181.	17.	1.5	*	1.1
10. 10	*	-41.	105.	1.5	*	2.6

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 190. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.7
2. 2	413.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	1.6
5. 5	-34.	-175.	1.5	.1
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.3
8. 8	-251.	-66.	1.5	1.3
9. 9	-181.	17.	1.5	1.1
10. 10	-41.	105.	1.5	1.4

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 200. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.7
2. 2	413.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.0
4. 4	29.	-207.	1.5	2.5
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.2
8. 8	-251.	-66.	1.5	1.1
9. 9	-181.	17.	1.5	1.1
10. 10	-41.	105.	1.5	1.2

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 210. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.8
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.3
4. 4	29.	-207.	1.5	3.1
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.3
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.6
9. 9	-181.	17.	1.5	.7
10. 10	-41.	105.	1.5	1.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 220. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	1.2
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	.5
4. 4	29.	-207.	1.5	3.1
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.2
9. 9	-181.	17.	1.5	.4
10. 10	-41.	105.	1.5	.8

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 230. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	1.5
2. 2	418.	-9.	1.5	.1
3. 3	191.	-55.	1.5	.6
4. 4	29.	-207.	1.5	3.1
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 240. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	2.5
2. 2	418.	-9.	1.5	.3
3. 3	191.	-55.	1.5	.8
4. 4	29.	-207.	1.5	2.9
5. 5	-34.	-175.	1.5	.0
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 250. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	2.2
2. 2	418.	-9.	1.5	.5
3. 3	191.	-55.	1.5	1.1
4. 4	29.	-207.	1.5	2.7
5. 5	-34.	-175.	1.5	.1
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 280. DEGREES Z0 = 106. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	1.0
2. 2	418.	-9.	1.5	1.0
3. 3	191.	-55.	1.5	1.6
4. 4	29.	-207.	1.5	2.8
5. 5	-34.	-175.	1.5	.5
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 270. DEGREES Z0 = 106. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)

1. 1	469.	180.	1.5	.6
2. 2	418.	-9.	1.5	1.4
3. 3	191.	-55.	1.5	1.8
4. 4	29.	-207.	1.5	3.2
5. 5	-34.	-175.	1.5	.9
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 280. DEGREES ZO = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.3
2. 2	418.	-9.	1.5	1.7
3. 3	191.	-55.	1.5	1.9
4. 4	29.	-207.	1.5	3.5
5. 5	-34.	-175.	1.5	1.1
6. 6	-277.	-255.	1.5	.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 290. DEGREES ZO = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	1.3
3. 3	191.	-55.	1.5	2.0

4. 4	*	29.	-207.	1.5	* 3.6
5. 5	*	-34.	-175.	1.5	* 1.1
6. 6	*	-277.	-255.	1.5	* .0
7. 7	*	-314.	-113.	1.5	* .0
8. 8	*	-251.	-66.	1.5	* .0
9. 9	*	-181.	17.	1.5	* .0
10. 10	*	-41.	105.	1.5	* .0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 300. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)
1. 1	*	469.	186.	1.5	*	.0
2. 2	*	418.	-9.	1.5	*	1.6
3. 3	*	191.	-55.	1.5	*	2.0
4. 4	*	29.	-207.	1.5	*	3.7
5. 5	*	-34.	-175.	1.5	*	1.1
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	.0
8. 8	*	-251.	-66.	1.5	*	.0
9. 9	*	-181.	17.	1.5	*	.0
10. 10	*	-41.	105.	1.5	*	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 310. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)
1. 1	*	469.	186.	1.5	*	.0
2. 2	*	415.	-9.	1.5	*	1.5
3. 3	*	191.	-55.	1.5	*	2.0
4. 4	*	29.	-207.	1.5	*	3.9
5. 5	*	-34.	-175.	1.5	*	1.1
6. 6	*	-277.	-255.	1.5	*	.0
7. 7	*	-314.	-113.	1.5	*	.0

8. 8	*	-251.	-66.	1.5	*	.0
9. 9	*	-181.	17.	1.5	*	.0
10. 10	*	-41.	105.	1.5	*	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 320. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL - AMB (PPM)
1. 1	*	469.	180.	1.5	*	.0
2. 2	*	418.	-9.	1.5	*	1.2
3. 3	*	191.	-55.	1.5	*	2.0
4. 4	*	29.	-207.	1.5	*	4.0
5. 5	*	-34.	-175.	1.5	*	1.1
6. 6	*	-277.	-255.	1.5	*	.2
7. 7	*	-314.	-113.	1.5	*	.0
8. 8	*	-251.	-66.	1.5	*	.0
9. 9	*	-181.	17.	1.5	*	.0
10. 10	*	-41.	105.	1.5	*	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 330. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL - AMB (PPM)
1. 1	*	469.	180.	1.5	*	.0
2. 2	*	418.	-9.	1.5	*	1.0
3. 3	*	191.	-55.	1.5	*	1.6
4. 4	*	29.	-207.	1.5	*	4.4
5. 5	*	-34.	-175.	1.5	*	1.0
6. 6	*	-277.	-255.	1.5	*	.3
7. 7	*	-314.	-113.	1.5	*	.0
8. 8	*	-251.	-66.	1.5	*	.0
9. 9	*	-181.	17.	1.5	*	.0
10. 10	*	-41.	105.	1.5	*	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 340. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	1.1
4. 4	23.	-207.	1.5	4.7
5. 5	-34.	-175.	1.5	1.0
6. 6	-277.	-255.	1.5	1.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 350. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.0
3. 3	191.	-55.	1.5	1.1
4. 4	23.	-207.	1.5	4.5
5. 5	-34.	-175.	1.5	1.0
6. 6	-277.	-255.	1.5	1.0
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.0

I. SITE VARIABLES

U = 1.0 M/S	CLAS = 4 (D)	VS = .0 CM/S	ATIM = 60. MINUTES	MIXH = 1000. M
BRG = 360. DEGREES	Z0 = 108. CM	VD = .0 CM/S	AMB = .0 PPM	

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)
1. 1	469.	180.	1.5	.0
2. 2	418.	-9.	1.5	.7
3. 3	191.	-55.	1.5	1.1
4. 4	29.	-207.	1.5	3.1
5. 5	-34.	-175.	1.5	2.5
6. 6	-277.	-255.	1.5	1.8
7. 7	-314.	-113.	1.5	.0
8. 8	-251.	-66.	1.5	.0
9. 9	-181.	17.	1.5	.0
10. 10	-41.	105.	1.5	.8

JOB: I275/DALE MABRY BUILD 2010 RUN: 2010 BUILD

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	LINK LENGTH (M)	LINK BRG (DEG)	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. I275 WB LOCAL SEG1	530.	119.	369.	119.	162.	270.	PL	3797.	9.2	7.6	24.4
B. I275 WB LOCAL SEG2	369.	126.	133.	98.	238.	263.	PL	2121.	9.2	7.6	17.1
C. I275 WB LOCAL SEG3	133.	98.	-70.	14.	219.	248.	PL	2121.	9.2	7.6	17.1
D. I275 WB LOCAL SEG4	-70.	14.	-340.	-161.	316.	239.	PL	2121.	9.2	7.6	21.3
E. I275 EB LOCAL SEG1	-288.	-235.	0.	-56.	336.	58.	PL	2121.	11.9	7.6	21.3
F. I275 EB LOCAL SEG2	0.	-56.	155.	6.	166.	69.	PL	2121.	11.9	7.6	17.1
G. I275 EB LOCAL SEG3	155.	6.	366.	40.	213.	81.	PL	2121.	11.9	7.6	17.1
H. I275 EB LOCAL SEG4	366.	40.	530.	59.	165.	58.	PL	3797.	11.9	7.6	24.4

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 10. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	419.	-9.	1.5	.7	.2	.0	.0	.0	.0	.0	.0	.5
3. 3	191.	-55.	1.5	.3	.0	.1	.0	.0	.0	.0	.2	.0
4. 4	29.	-207.	1.5	.2	.0	.0	.1	.0	.0	.1	.0	.0
5. 5	-34.	-175.	1.5	.4	.0	.0	.1	.0	.2	.1	.0	.0
6. 6	-277.	-255.	1.5	.6	.0	.0	.0	.1	.5	.0	.0	.0
7. 7	-314.	-113.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. 9	-191.	17.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	-41.	105.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 20. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.7	.2	.0	.0	.0	.0	.0	.0	.5
3. 3	191.	-55.	1.5	.3	.0	.1	.0	.0	.0	.0	.2	.0
4. 4	29.	-207.	1.5	.1	.0	.0	.0	.0	.0	.1	.0	.0
5. 5	-34.	-175.	1.5	.3	.0	.0	.1	.0	.1	.1	.0	.0
6. 6	-277.	-255.	1.5	.7	.0	.0	.0	.1	.6	.0	.0	.0
7. 7	-314.	-113.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. 9	-181.	17.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	-41.	105.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 30. DEGREES ZO = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.7	.2	.0	.0	.0	.0	.0	.0	.5
3. 3	191.	-55.	1.5	.3	.0	.1	.0	.0	.0	.0	.2	.0
4. 4	29.	-207.	1.5	.3	.0	.1	.0	.0	.0	.1	.1	.0
5. 5	-34.	-175.	1.5	.3	.0	.0	.1	.0	.0	.2	.0	.0
6. 6	-277.	-255.	1.5	.8	.0	.0	.0	.1	.7	.0	.0	.0
7. 7	-314.	-113.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. 9	-181.	17.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	-41.	105.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 40. DEGREES ZO = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H

1. 1	469.	180.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5
3. 3	191.	-55.	1.5	.3	.0	.1	.0	.0	.0	.0	.0	.2	.0	
4. 4	29.	-207.	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	
5. 5	-34.	-175.	1.5	.3	.0	.1	.0	.0	.0	.2	.0	.0		
6. 6	-277.	-255.	1.5	.8	.0	.0	.0	.1	.7	.0	.0	.0		
7. 7	-314.	-113.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8. 8	-251.	-66.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9. 9	-181.	17.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10. 10	-41.	105.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 50. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.6	.1	.0	.0	.0	.0	.0	.0	.5
3. 3	191.	-55.	1.5	.4	.1	.0	.0	.0	.0	.0	.2	.1
4. 4	29.	-207.	1.5	.3	.1	.0	.0	.0	.0	.0	.1	.1
5. 5	-34.	-175.	1.5	.2	.0	.0	.0	.0	.0	.1	.1	.0
6. 6	-277.	-255.	1.5	.6	.0	.0	.0	.0	.6	.0	.0	.0
7. 7	-314.	-113.	1.5	.1	.0	.0	.0	.1	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. 9	-181.	17.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	-41.	105.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 60. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.4	.0	.0	.0	.0	.0	.0	.0	.4
3. 3	191.	-55.	1.5	.5	.1	.0	.0	.0	.0	.0	.2	.2
4. 4	29.	-207.	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.1
5. 5	-34.	-175.	1.5	.2	.0	.0	.0	.0	.0	.0	.1	.1
6. 6	-277.	-255.	1.5	.5	.1	.0	.0	.0	.4	.1	.0	.1

7. 7	*	-314.	-113.	1.5	*	.5	*	.0	.0	.1	.4	.0	.0	.0	.0
8. 8	*	-251.	-66.	1.5	*	.3	*	.0	.0	.1	.2	.0	.0	.0	.0
9. 9	*	-181.	17.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	*	-41.	105.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 70. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)	A	B	C	D	E	F	G	H
					(PPM)							
1. 1	469.	180.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	416.	-9.	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.2
3. 3	191.	-55.	1.5	.4	.1	.0	.0	.0	.0	.0	.1	.2
4. 4	29.	-207.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	-34.	-175.	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.1
6. 6	-277.	-255.	1.5	.1	.0	.0	.0	.0	.1	.0	.0	.0
7. 7	-314.	-113.	1.5	.9	.0	.0	.1	.6	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.4	.0	.0	.1	.3	.0	.0	.0	.0
9. 9	-181.	17.	1.5	.1	.0	.0	.1	.0	.0	.0	.0	.0
10. 10	-41.	105.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 80. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)	A	B	C	D	E	F	G	H
					(PPM)							
1. 1	469.	180.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	416.	-9.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	191.	-55.	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.1
4. 4	29.	-207.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	-34.	-175.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	-277.	-255.	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.9	.1	.0	.1	.2	.1	.1	.0	.0
8. 8	-251.	-66.	1.5	.6	.0	.0	.0	.4	.0	.1	.1	.0
9. 9	-181.	17.	1.5	.3	.0	.1	.2	.0	.0	.0	.1	.0
10. 10	-41.	105.	1.5	.1	.0	.1	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 90. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	191.	-55.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 4	29.	-207.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	-34.	-175.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.7	.0	.0	.0	.5	.2	.0	.0	.0
8. 8	-251.	-66.	1.5	.6	.0	.0	.0	.4	.1	.1	.0	.0
9. 9	-131.	17.	1.5	.5	.0	.0	.1	.1	.0	.1	.1	.1
10. 10	-41.	108.	1.5	.4	.1	.1	.1	.0	.1	.0	.0	.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 100. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	191.	-55.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 4	29.	-207.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	-34.	-175.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.7	.0	.0	.0	.5	.2	.0	.0	.0
8. 8	-251.	-66.	1.5	.5	.0	.0	.0	.4	.1	.0	.0	.0
9. 9	-131.	17.	1.5	.4	.0	.0	.1	.2	.0	.1	.0	.0
10. 10	-41.	108.	1.5	.4	.0	.1	.1	.0	.0	.0	.1	.1

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 110. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	191.	-55.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 4	29.	-207.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	-34.	-175.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.7	.0	.0	.0	.5	.2	.0	.0	.0
8. 8	-251.	-66.	1.5	.6	.0	.0	.0	.4	.2	.0	.0	.0
9. 9	-181.	17.	1.5	.4	.0	.0	.0	.2	.1	.1	.0	.0
10. 10	-41.	108.	1.5	.9	.0	.0	.2	.0	.0	.0	.1	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 120. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.1	.1	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	191.	-55.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 4	29.	-207.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	-34.	-175.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.8	.0	.0	.0	.5	.2	.0	.0	.0
8. 8	-251.	-66.	1.5	.6	.0	.0	.0	.4	.2	.0	.0	.0
9. 9	-181.	17.	1.5	.3	.0	.0	.0	.2	.1	.0	.0	[illegible]
10. 10	-41.	108.	1.5	.9	.0	.0	.2	.0	.0	.1		[illegible]

I. SITE VARIABLES

U = 1.0 M/S CLAS = [illegible] (D) VS = .0 CM/S [illegible] = 60. MINUTES MIXH = 1000. M
BRG = [illegible] DEGREES Z0 = 108. CM VD = [illegible] CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

TOTAL

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.2	.2	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	191.	-55.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 4	29.	-207.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	-34.	-175.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.6	.0	.0	.0	.4	.2	.0	.0	.0
8. 8	-251.	-66.	1.5	.5	.0	.0	.0	.4	.1	.0	.0	.0
9. 9	-181.	17.	1.5	.3	.0	.0	.0	.2	.1	.0	.0	.0
10. 10	-41.	105.	1.5	.3	.0	.0	.2	.0	.0	.1	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 140. DEGREES Z0 = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.3	.3	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	191.	-55.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 4	29.	-207.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	-34.	-175.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.6	.0	.0	.0	.4	.2	.0	.0	.0
8. 8	-251.	-66.	1.5	.4	.0	.0	.0	.3	.1	.0	.0	.0
9. 9	-181.	17.	1.5	.3	.0	.0	.0	.2	.1	.0	.0	.0
10. 10	-41.	105.	1.5	.3	.0	.0	.2	.0	.0	.1	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 160. DEGREES Z0 = 100. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.4	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	191.	-55.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0

4. 4	*	29.	-207.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	*	-34.	-175.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	*	-277.	-255.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	*	-314.	-113.	1.5	*	.5	*	.0	.0	.0	.4	.1	.0	.0	.0
8. 8	*	-251.	-66.	1.5	*	.5	*	.0	.0	.0	.3	.2	.0	.0	.0
9. 9	*	-181.	17.	1.5	*	.3	*	.0	.0	.0	.2	.1	.0	.0	.0
10. 10	*	-41.	105.	1.5	*	.3	*	.0	.0	.2	.0	.0	.1	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 160. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)	*	A	B	C	D	E	F	G	H
1. 1	*	469.	180.	1.5	*	.6	*	.4	.0	.0	.0	.0	.0	.0	.2
2. 2	*	418.	-9.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	*	191.	-55.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
4. 4	*	29.	-207.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	*	-34.	-175.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	*	-277.	-255.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	*	-314.	-113.	1.5	*	.5	*	.0	.0	.0	.4	.1	.0	.0	.0
8. 8	*	-251.	-66.	1.5	*	.4	*	.0	.0	.0	.3	.1	.0	.0	.0
9. 9	*	-181.	17.	1.5	*	.3	*	.0	.0	.0	.2	.1	.0	.0	.0
10. 10	*	-41.	105.	1.5	*	.3	*	.0	.0	.2	.0	.0	.1	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 170. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)	*	A	B	C	D	E	F	G	H
1. 1	*	469.	180.	1.5	*	.6	*	.4	.0	.0	.0	.0	.0	.0	.2
2. 2	*	418.	-9.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	*	191.	-55.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
4. 4	*	29.	-207.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	*	-34.	-175.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	*	-277.	-255.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	*	-314.	-113.	1.5	*	.5	*	.0	.0	.0	.4	.1	.0	.0	.0
8. 8	*	-251.	-66.	1.5	*	.5	*	.0	.0	.0	.4	.1	.0	.0	.0
9. 9	*	-181.	17.	1.5	*	.3	*	.0	.0	.0	.2	.1	.0	.0	.0

10. 10	*	-41.	105.	1.5	*	.3	*	.0	.0	.2	.0	.1	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 180. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.7	.4	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	191.	-55.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 4	29.	-207.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	-34.	-175.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.4	.0	.0	.0	.4	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.5	.0	.0	.0	.4	.1	.0	.0	.0
9. 9	-181.	17.	1.5	.3	.0	.0	.0	.2	.1	.0	.0	.0
10. 10	-41.	105.	1.5	.3	.0	.0	.2	.0	.1	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 190. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.7	.4	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	191.	-55.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 4	29.	-207.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	-34.	-175.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.5	.0	.0	.0	.5	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.5	.0	.0	.0	.4	.1	.0	.0	.0
9. 9	-181.	17.	1.5	.3	.0	.0	.0	.2	.1	.0	.0	.0
10. 10	-41.	105.	1.5	.3	.0	.0	.1	.1	.1	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 200. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.7	.4	.0	.0	.0	.0	.0	.0	.3
2. 2	418.	-9.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	191.	-55.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 4	29.	-207.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	-34.	-175.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.4	.0	.0	.0	.4	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.4	.0	.0	.0	.4	.0	.0	.0	.0
9. 9	-181.	17.	1.5	.3	.0	.0	.0	.2	.1	.0	.0	.0
10. 10	-41.	105.	1.5	.3	.0	.0	.1	.1	.1	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 210. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.6	.4	.0	.0	.0	.0	.0	.0	.2
2. 2	418.	-9.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	191.	-55.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 4	29.	-207.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	-34.	-175.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.4	.0	.0	.0	.4	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.4	.0	.0	.0	.4	.0	.0	.0	.0
9. 9	-181.	17.	1.5	.2	.0	.0	.0	.2	.0	.0	.0	.0
10. 10	-41.	105.	1.5	.3	.0	.0	.0	.2	.1	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 220. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.6	.4	.0	.0	.0	.0	.0	.1	.1
2. 2	418.	-9.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	191.	-55.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 4	29.	-207.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	-34.	-175.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.3	.0	.0	.0	.3	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.3	.0	.0	.0	.3	.0	.0	.0	.0
9. 9	-181.	17.	1.5	.2	.0	.0	.0	.2	.0	.0	.0	.0
10. 10	-41.	105.	1.5	.3	.0	.0	.0	.2	.1	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 240. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL - AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.4	.3	.0	.0	.0	.0	.0	.1	.0
2. 2	418.	-9.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	191.	-55.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 4	29.	-207.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	-34.	-175.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.1	.0	.0	.0	.1	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.2	.0	.0	.0	.2	.0	.0	.0	.0
9. 9	-181.	17.	1.5	.1	.0	.0	.0	.1	.0	.0	.0	.0
10. 10	-41.	105.	1.5	.1	.0	.0	.0	.1	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 240. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H

1. 1	469.	180.	1.5	.6	.2	.1	.0	.0	.1	.1	.1	.0
2. 2	418.	-9.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 3	191.	-55.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 4	29.	-207.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	-34.	-175.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.1	.0	.0	.0	.1	.0	.0	.0	.0
9. 9	-181.	17.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	-41.	105.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 250. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.3	.1	.2	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.1	.0	.0	.0	.0	.1	.0	.0	.0
3. 3	191.	-55.	1.5	.1	.0	.0	.0	.0	.1	.0	.0	.0
4. 4	29.	-207.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 5	-34.	-175.	1.5	.1	.0	.0	.0	.0	.1	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. 9	-181.	17.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	-41.	105.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 260. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.1	.0	.1	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.2	.0	.0	.0	.0	.1	.1	.0	.0
3. 3	191.	-55.	1.5	.4	.0	.0	.0	.1	.2	.1	.0	.0
4. 4	29.	-207.	1.5	.1	.0	.0	.0	.0	.1	.0	.0	.0
5. 5	-34.	-175.	1.5	.2	.0	.0	.0	.0	.2	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0

7. 7	*	-314.	-113.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
8. 8	*	-251.	-66.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
9. 9	*	-181.	17.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	*	-41.	105.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 270. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL + AMB (PPM)	*	(PPM) A	B	C	D	E	F	G	H
1. 1	*	469.	150.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	*	418.	-9.	1.5	*	.2	*	.0	.0	.0	.0	.0	.1	.1	.0
3. 3	*	191.	-55.	1.5	*	.3	*	.0	.0	.0	.1	.1	.1	.0	.0
4. 4	*	29.	-207.	1.5	*	.1	*	.0	.0	.0	.0	.1	.0	.0	.0
5. 5	*	-34.	-175.	1.5	*	.2	*	.0	.0	.0	.0	.2	.0	.0	.0
6. 6	*	-277.	-255.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	*	-314.	-113.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
8. 8	*	-251.	-66.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
9. 9	*	-181.	17.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	*	-41.	105.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 280. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	*	COORDINATES (M) X	Y	Z	*	TOTAL - AMB (PPM)	*	(PPM) A	B	C	D	E	F	G	H
1. 1	*	469.	150.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	*	418.	-9.	1.5	*	.4	*	.0	.0	.1	.0	.0	.0	.3	.0
3. 3	*	191.	-55.	1.5	*	.5	*	.0	.0	.0	.1	.0	.2	.0	.0
4. 4	*	29.	-207.	1.5	*	.1	*	.0	.0	.0	.0	.1	.0	.0	.0
5. 5	*	-34.	-175.	1.5	*	.3	*	.0	.0	.0	.1	.2	.0	.0	.0
6. 6	*	-277.	-255.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	*	-314.	-113.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
8. 8	*	-251.	-66.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
9. 9	*	-181.	17.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	*	-41.	105.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 290. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	130.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.4	.0	.1	.0	.0	.0	.0	.3	.1
3. 3	191.	-55.	1.5	.3	.0	.0	.1	.0	.0	.2	.0	.0
4. 4	29.	-207.	1.5	.2	.0	.0	.0	.1	.1	.0	.0	.0
5. 5	-34.	-175.	1.5	.3	.0	.0	.0	.1	.2	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. 9	-181.	17.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	-41.	105.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 300. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	130.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.4	.0	.1	.0	.0	.0	.0	.3	.1
3. 3	191.	-55.	1.5	.3	.0	.0	.1	.0	.0	.2	.0	.0
4. 4	29.	-207.	1.5	.2	.0	.0	.0	.1	.1	.0	.0	.0
5. 5	-34.	-175.	1.5	.3	.0	.0	.0	.1	.2	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. 9	-181.	17.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	-41.	105.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 310. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.5	.0	.1	.0	.0	.0	.0	.2	.2
3. 3	191.	-55.	1.5	.3	.0	.0	.1	.0	.0	.2	.0	.0
4. 4	29.	-207.	1.5	.2	.0	.0	.0	.1	.1	.0	.0	.0
5. 5	-34.	-175.	1.5	.3	.0	.0	.0	.1	.2	.0	.0	.0
6. 6	-277.	-255.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 7	-314.	-113.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. 9	-181.	17.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	-41.	105.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 330. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.5	.0	.1	.0	.0	.0	.0	.1	.3
3. 3	191.	-55.	1.5	.3	.0	.0	.1	.0	.0	.2	.0	.0
4. 4	29.	-207.	1.5	.2	.0	.0	.0	.1	.1	.0	.0	.0
5. 5	-34.	-175.	1.5	.3	.0	.0	.0	.1	.2	.0	.0	.0
6. 6	-277.	-255.	1.5	.1	.0	.0	.0	.0	.1	.0	.0	.0
7. 7	-314.	-113.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. 9	-181.	17.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	-41.	105.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 330. DEGREES Z0 = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

* TOTAL *

RECEPTOR	COORDINATES (M) X	Y	Z	+ AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.5	.0	.1	.0	.0	.0	.0	.0	.4
3. 3	191.	-55.	1.5	.3	.0	.0	.1	.0	.0	.1	.1	.0
4. 4	29.	-207.	1.5	.2	.0	.0	.0	.1	.1	.0	.0	.0
5. 5	-34.	-175.	1.5	.3	.0	.0	.0	.1	.2	.0	.0	.0
6. 6	-277.	-255.	1.5	.2	.0	.0	.0	.1	.1	.0	.0	.0
7. 7	-314.	-113.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. 9	-181.	17.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	-41.	105.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 340. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.7	.1	.1	.0	.0	.0	.0	.0	.5
3. 3	191.	-55.	1.5	.2	.0	.0	.0	.0	.0	.0	.2	.0
4. 4	29.	-207.	1.5	.1	.0	.0	.0	.0	.1	.0	.0	.0
5. 5	-34.	-175.	1.5	.3	.0	.0	.0	.1	.2	.0	.0	.0
6. 6	-277.	-255.	1.5	.4	.0	.0	.0	.1	.3	.0	.0	.0
7. 7	-314.	-113.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. 8	-251.	-66.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. 9	-181.	17.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	-41.	105.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 350. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H
1. 1	469.	180.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 2	418.	-9.	1.5	.7	.2	.0	.0	.0	.0	.0	.0	.5
3. 3	191.	-55.	1.5	.3	.0	.1	.0	.0	.0	.0	.2	.0

4. 4	*	29.	-207.	1.5	*	.3	*	.0	.0	.1	.0	.1	.1	.0	.0
5. 5	*	-34.	-175.	1.5	*	.2	*	.0	.0	.0	.0	.2	.0	.0	.0
6. 6	*	-277.	-255.	1.5	*	.5	*	.0	.0	.0	.1	.4	.0	.0	.0
7. 7	*	-314.	-113.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
8. 8	*	-251.	-66.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
9. 9	*	-181.	17.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
10. 10	*	-41.	105.	1.5	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U = 1.0 M/S CLAS = 4 (D) VS = .0 CM/S ATIM = 60. MINUTES MIXH = 1000. M
BRG = 360. DEGREES ZO = 108. CM VD = .0 CM/S AMB = .0 PPM

III. RECEPTOR LOCATIONS AND MODEL RESULTS

RECEPTOR	COORDINATES (M) X	Y	Z	TOTAL + AMB (PPM)	(PPM) A	B	C	D	E	F	G	H	
1. 1	463.	130.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2. 2	418.	-9.	1.5	.7	.2	.0	.0	.0	.0	.0	.0	.5	
3. 3	191.	-55.	1.5	.2	.0	.1	.0	.0	.0	.0	.2	.0	
4. 4	29.	-207.	1.5	.2	.0	.0	.1	.0	.0	.1	.0	.0	
5. 5	-34.	-175.	1.5	.3	.0	.0	.1	.0	.2	.0	.0	.0	
6. 6	-277.	-255.	1.5	.6	.0	.0	.0	.1	.5	.0	.0	.0	
7. 7	-314.	-113.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8. 8	-251.	-66.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9. 9	-181.	17.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10. 10	-41.	105.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	
H. I275 EB LOCAL SEG4	366.	46.	530.	50.	165.	88.	FL	3797.	11.9	7.6	24.4		

```
1TIS EA EMISSION FACTORS
 MOBILE5a (26-Mar-93)
0I/M program selected:

0    Start year (January 1):              1991
     Pre-1981 MYR stringency rate:         20%
     First model year covered:            1975
     Last model year covered:             2020
     Waiver rate (pre-1981):              20.%
     Waiver rate (1981 and newer):        20.%
     Compliance Rate:                     90.%
     Inspection type:                     Test Only
     Inspection frequency                 Annual
     Vehicle types covered:               LDGV - Yes
                                         LDGT1 - Yes
                                         LDGT2 - Yes
                                          HDGV - No
     1981 & later MYR test type:          Idle
     Cutpoints, HC:  220.000   CO:    1.200   NOx:  999.000
0TAMPA         FL
                    Minimum Temp: 50. (F)   Maximum Temp: 78. (F)
                    Period 1 RVP: 10.5      Period 2 RVP:  9.0 Period 2 Yr: 1992
0Non-methane HC emission factors include evaporative HC emission factors.
0_____________________________________________________________________________
0Emission factors are as of Jan. 1st of the indicated calendar year.
0Cal. Year: 2010          Region: Low          Altitude:  500. Ft.
                     I/M Program: Yes       Ambient Temp:   52.0 / 52.0 / 52.0 F
                Anti-tam. Program: No    . Operating Mode:   20.6 / 27.3 / 20.6
                 Reformulated Gas: No
0Veh. Type:  LDGV  LDGT1  LDGT2   LDGT   HDGV   LDDV   LDDT   HDDV   MC   All Veh
+
             ------ ------ ------ ------ ------ ------ ------ ------ ------ ------
 Veh. Spd.:  5.0    5.0    5.0           5.0    5.0    5.0    5.0    5.0
   VMT Mix:  0.590  0.201  0.088         0.032  0.002  0.003  0.079  0.005
0Composite Emission Factors (Gm/Mile)
 No-Mth HC:  4.83   6.28   8.73   7.03   8.74   0.91   1.25   3.87   7.74   5.51
 Exhst  CO: 56.13  66.44  89.51  73.47  71.14   3.69   4.11  29.16 106.41  59.48
 Exhst NOX:  1.75   2.10   2.96   2.36   3.61   1.67   1.90  10.89   0.95   2.71
 _____________________________________________________________________________
0Emission factors are as of Jan. 1st of the indicated calendar year.
0Cal. Year: 2010          Region: Low          Altitude:  500. Ft.
                     I/M Program: Yes       Ambient Temp:   52.0 / 52.0 / 52.0 F
                Anti-tam. Program: No      Operating Mode:   20.6 / 27.3 / 20.6
                 Reformulated Gas: No
0Veh. Type:  LDGV  LDGT1  LDGT2   LDGT   HDGV   LDDV   LDDT   HDDV   MC   All Veh
+
             ------ ------ ------ ------ ------ ------ ------ ------ ------ ------
 Veh. Spd.:  6.0    6.0    6.0           6.0    6.0    6.0    6.0    6.0
   VMT Mix:  0.590  0.201  0.088         0.032  0.002  0.003  0.079  0.005
0Composite Emission Factors (Gm/Mile)
 No-Mth HC:  4.12   5.36   7.44   5.99   7.86   0.87   1.19   3.63   6.75   4.74
 Exhst  CO: 48.75  57.95  78.00  64.06  65.29   3.42   3.80  26.97  88.79  51.96
 Exhst NOX:  1.68   2.02   2.84   2.27   3.64   1.61   1.82  10.46   0.92   2.60
 _____________________________________________________________________________
0Emission factors are as of Jan. 1st of the indicated calendar year.
0Cal. Year: 2010          Region: Low          Altitude:  500. Ft.
                     I/M Program: Yes       Ambient Temp:   52.0 / 52.0 / 52.0 F
                Anti-tam. Program: No      Operating Mode:   20.6 / 27.3 / 20.6
                 Reformulated Gas: No
0Veh. Type:  LDGV  LDGT1  LDGT2   LDGT   HDGV   LDDV   LDDT   HDDV   MC   All Veh
+
             ------ ------ ------ ------ ------ ------ ------ ------ ------ ------
 Veh. Spd.:  7.0    7.0    7.0           7.0    7.0    7.0    7.0    7.0
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VMT Mix:	0.590	0.201	0.088		0.032	0.002	0.003	0.079	0.005	
0Composite Emission Factors (Gm/Mile)										
No-Mth HC:	3.63	4.71	6.54	5.27	7.15	0.83	1.14	3.51	6.00	4.21
Exhst CO:	43.48	51.89	69.78	57.34	60.04	3.17	3.52	24.99	75.53	46.52
Exhst NOX:	1.63	1.96	2.76	2.20	3.68	1.55	1.75	10.06	0.90	2.52

0Emission factors are as of Jan. 1st of the indicated calendar year.
0Cal. Year: 2010 Region: Low Altitude: 500. Ft.
I/M Program: Yes Ambient Temp: 52.0 / 52.0 / 52.0 F
Anti-tam. Program: No Operating Mode: 20.6 / 27.3 / 20.6
Reformulated Gas: No

0Veh. Type:	LDGV	LDGT1	LDGT2	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
Veh. Spd.:	8.0	8.0	8.0		8.0	8.0	8.0	8.0	8.0	
VMT Mix:	0.590	0.201	0.088		0.032	0.002	0.003	0.079	0.005	
0Composite Emission Factors (Gm/Mile)										
No-Mth HC:	3.30	4.27	5.91	4.77	6.60	0.79	1.08	3.34	5.41	3.84
Exhst CO:	39.53	47.35	62.61	52.39	55.34	2.94	3.27	23.20	65.35	42.38
Exhst NOX:	1.59	1.91	2.69	2.13	3.72	1.49	1.69	9.69	0.88	2.46

0Emission factors are as of Jan. 1st of the indicated calendar year.
0Cal. Year: 2010 Region: Low Altitude: 500. Ft.
I/M Program: Yes Ambient Temp: 52.0 / 52.0 / 52.0 F
Anti-tam. Program: No Operating Mode: 20.6 / 27.3 / 20.6
Reformulated Gas: No

0Veh. Type:	LDGV	LDGT1	LDGT2	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
Veh. Spd.:	10.0	10.0	10.0		10.0	10.0	10.0	10.0	10.0	
VMT Mix:	0.590	0.201	0.088		0.032	0.002	0.003	0.079	0.005	
0Composite Emission Factors (Gm/Mile)										
No-Mth HC:	2.85	3.66	5.05	4.08	5.67	0.72	0.99	3.04	4.57	3.31
Exhst CO:	33.99	40.98	54.98	45.25	47.33	2.55	2.83	20.11	51.12	36.50
Exhst NOX:	1.54	1.85	2.61	2.06	3.79	1.39	1.57	9.03	0.86	2.36

0Emission factors are as of Jan. 1st of the indicated calendar year.
0Cal. Year: 2010 Region: Low Altitude: 500. Ft.
I/M Program: Yes Ambient Temp: 52.0 / 52.0 / 52.0 F
Anti-tam. Program: No Operating Mode: 20.6 / 27.3 / 20.6
Reformulated Gas: No

0Veh. Type:	LDGV	LDGT1	LDGT2	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
Veh. Spd.:	15.0	15.0	15.0		15.0	15.0	15.0	15.0	15.0	
VMT Mix:	0.590	0.201	0.088		0.032	0.002	0.003	0.079	0.005	
0Composite Emission Factors (Gm/Mile)										
No-Mth HC:	2.23	2.83	3.88	3.15	4.06	0.58	0.79	2.44	3.48	2.57
Exhst CO:	26.61	32.49	43.47	35.84	33.27	1.84	2.04	14.51	33.20	23.44
Exhst NOX:	1.47	1.76	2.49	1.98	3.37	1.19	1.35	7.77	0.88	2.13

0Emission factors are as of Jan. 1st of the indicated calendar year.
0Cal. Year: 2010 Region: Low Altitude: 500. Ft.
I/M Program: Yes Ambient Temp: 52.0 / 52.0 / 52.0 F
Anti-tam. Program: No Operating Mode: 20.6 / 27.3 / 20.6
Reformulated Gas: No

0Veh. Type:	LDGV	LDGT1	LDGT2	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
Veh. Spd.:	16.0	16.0	16.0		16.0	16.0	16.0	16.0	16.0	
VMT Mix:	0.590	0.201	0.088		0.032	0.002	0.003	0.079	0.005	
0Composite Emission Factors (Gm/Mile)										
No-Mth HC:	2.16	2.72	3.74	3.03	3.82	0.55	0.76	2.34	3.36	2.48
Exhst CO:	25.69	31.43	42.03	34.66	31.21	1.78	1.92	13.67	31.11	27.41

Exhst NOX:	1.46	1.75	2.47	1.97	4.01	1.16	1.32	7.57	0.89	2.17

0Emission factors are as of Jan. 1st of the indicated calendar year.
0Cal. Year: 2010 Region: Low Altitude: 500. Ft.
I/M Program: Yes Ambient Temp: 52.0 / 52.0 / 52.0 F
Anti-tam. Program: No Operating Mode: 20.6 / 27.3 / 20.6
Reformulated Gas: No

0Veh. Type:	LDGV	LDGT1	LDGT2	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
Veh. Spd.:	20.0	20.0	20.0		20.0	20.0	20.0	20.0	20.0	
VMT Mix:	0.590	0.201	0.088		0.032	0.002	0.003	0.079	0.005	
0Composite Emission Factors (Gm/Mile)										
No-Mth HC:	1.90	2.38	3.26	2.65	3.07	0.47	0.65	2.00	2.98	2.16
Exhst CO:	22.52	27.63	37.17	30.68	24.71	1.39	1.54	10.96	24.95	23.94
Exhst NOX:	1.44	1.72	2.42	1.93	4.15	1.06	1.21	6.92	0.98	2.10

0Emission factors are as of Jan. 1st of the indicated calendar year.
0Cal. Year: 2010 Region: Low Altitude: 500. Ft.
I/M Program: Yes Ambient Temp: 52.0 / 52.0 / 52.0 F
Anti-tam. Program: No Operating Mode: 20.6 / 27.3 / 20.6
Reformulated Gas: No

0Veh. Type:	LDGV	LDGT1	LDGT2	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
Veh. Spd.:	25.0	25.0	25.0		25.0	25.0	25.0	25.0	25.0	
VMT Mix:	0.590	0.201	0.088		0.032	0.002	0.003	0.079	0.005	
0Composite Emission Factors (Gm/Mile)										
No-Mth HC:	1.58	2.02	2.75	2.24	2.44	0.40	0.54	1.68	2.68	1.80
Exhst CO:	17.18	21.74	29.10	23.98	19.39	1.10	1.22	8.66	19.90	18.49
Exhst NOX:	1.48	1.73	2.44	1.95	4.34	0.98	1.11	6.39	1.06	2.09

0Emission factors are as of Jan. 1st of the indicated calendar year.
0Cal. Year: 2010 Region: Low Altitude: 500. Ft.
I/M Program: Yes Ambient Temp: 52.0 / 52.0 / 52.0 F
Anti-tam. Program: No Operating Mode: 20.6 / 27.3 / 20.6
Reformulated Gas: No

0Veh. Type:	LDGV	LDGT1	LDGT2	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
Veh. Spd.:	30.0	30.0	30.0		30.0	30.0	30.0	30.0	30.0	
VMT Mix:	0.590	0.201	0.088		0.032	0.002	0.003	0.079	0.005	
0Composite Emission Factors (Gm/Mile)										
No-Mth HC:	1.36	1.77	2.40	1.96	2.03	0.34	0.47	1.44	2.44	1.56
Exhst CO:	13.63	17.67	23.72	19.52	16.07	0.91	1.01	7.16	16.24	14.85
Exhst NOX:	1.51	1.74	2.45	1.95	4.52	0.94	1.06	6.10	1.15	2.09

0Emission factors are as of Jan. 1st of the indicated calendar year.
0Cal. Year: 2010 Region: Low Altitude: 500. Ft.
I/M Program: Yes Ambient Temp: 52.0 / 52.0 / 52.0 F
Anti-tam. Program: No Operating Mode: 20.6 / 27.3 / 20.6
Reformulated Gas: No

0Veh. Type:	LDGV	LDGT1	LDGT2	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
Veh. Spd.:	35.0	35.0	35.0		35.0	35.0	35.0	35.0	35.0	
VMT Mix:	0.590	0.201	0.088		0.032	0.002	0.003	0.079	0.005	
0Composite Emission Factors (Gm/Mile)										
No-Mth HC:	1.21	1.60	2.16	1.77	1.78	0.30	0.41	1.26	2.26	1.39
Exhst CO:	11.09	14.77	19.86	16.33	14.03	0.79	0.87	6.20	13.53	12.27
Exhst NOX:	1.52	1.74	2.46	1.96	4.70	0.93	1.05	6.05	1.22	2.11

0Emission factors are as of Jan. 1st of the indicated calendar year.
0Cal. Year: 2010 Region: Low Altitude: 500. Ft.

I/M Program: Yes Ambient Temp: 52.0 / 52.0 / 52.0 F
Anti-tam. Program: No Operating Mode: 20.6 / 27.3 / 20.6
Reformulated Gas: No

0Veh. Type:	LDGV	LDGT1	LDGT2	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
Veh. Spd.:	36.0	36.0	36.0		36.0	36.0	36.0	36.0	36.0	
VMT Mix:	0.590	0.201	0.088		0.032	0.002	0.003	0.079	0.005	
0Composite Emission Factors (Gm/Mile)										
No-Mth HC:	1.18	1.57	2.11	1.73	1.72	0.29	0.40	1.23	2.24	1.36
Exhst CO:	10.67	14.29	19.24	15.80	13.80	0.77	0.85	6.06	13.09	11.85
Exhst NOX:	1.53	1.74	2.46	1.96	4.74	0.93	1.06	6.06	1.23	2.11

0Emission factors are as of Jan. 1st of the indicated calendar year.
0Cal. Year: 2010 Region: Low Altitude: 500. Ft.
I/M Program: Yes Ambient Temp: 52.0 / 52.0 / 52.0 F
Anti-tam. Program: No Operating Mode: 20.6 / 27.3 / 20.6
Reformulated Gas: No

0Veh. Type:	LDGV	LDGT1	LDGT2	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
Veh. Spd.:	40.0	40.0	40.0		40.0	40.0	40.0	40.0	40.0	
VMT Mix:	0.590	0.201	0.088		0.032	0.002	0.003	0.079	0.005	
0Composite Emission Factors (Gm/Mile)										
No-Mth HC:	1.09	1.46	1.97	1.62	1.58	0.27	0.37	1.13	2.14	1.26
Exhst CO:	9.18	12.59	17.00	13.94	13.03	0.71	0.79	5.62	11.65	10.37
Exhst NOX:	1.54	1.75	2.47	1.97	4.89	0.95	1.08	6.21	1.27	2.14

0Emission factors are as of Jan. 1st of the indicated calendar year.
0Cal. Year: 2010 Region: Low Altitude: 500. Ft.
I/M Program: Yes Ambient Temp: 52.0 / 52.0 / 52.0 F
Anti-tam. Program: No Operating Mode: 20.6 / 27.3 / 20.6
Reformulated Gas: No

0Veh. Type:	LDGV	LDGT1	LDGT2	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
Veh. Spd.:	42.0	42.0	42.0		42.0	42.0	42.0	42.0	42.0	
VMT Mix:	0.590	0.201	0.088		0.032	0.002	0.003	0.079	0.005	
0Composite Emission Factors (Gm/Mile)										
No-Mth HC:	1.05	1.42	1.91	1.57	1.52	0.26	0.35	1.09	2.10	1.22
Exhst CO:	8.55	11.87	16.04	13.14	12.83	0.69	0.77	5.47	11.10	9.74
Exhst NOX:	1.54	1.75	2.47	1.97	4.96	0.97	1.10	6.34	1.28	2.15

0Emission factors are as of Jan. 1st of the indicated calendar year.
0Cal. Year: 2010 Region: Low Altitude: 500. Ft.
I/M Program: Yes Ambient Temp: 52.0 / 52.0 / 52.0 F
Anti-tam. Program: No Operating Mode: 20.6 / 27.3 / 20.6
Reformulated Gas: No

0Veh. Type:	LDGV	LDGT1	LDGT2	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
Veh. Spd.:	44.0	44.0	44.0		44.0	44.0	44.0	44.0	44.0	
VMT Mix:	0.590	0.201	0.088		0.032	0.002	0.003	0.079	0.005	
0Composite Emission Factors (Gm/Mile)										
No-Mth HC:	1.02	1.38	1.85	1.52	1.48	0.25	0.34	1.05	2.08	1.13
Exhst CO:	7.97	11.21	15.16	12.41	12.74	0.66	0.76	5.36	10.65	9.18
Exhst NOX:	1.55	1.75	2.47	1.97	5.03	1.00	1.13	6.50	1.29	2.17

0Emission factors are as of Jan. 1st of the indicated calendar year.
0Cal. Year: 2010 Region: Low Altitude: 500. Ft.
I/M Program: Yes Ambient Temp: 52.0 / 52.0 / 52.0 F
Anti-tam. Program: No Operating Mode: 20.6 / 27.3 / 20.6
Reformulated Gas: No

0Veh. Type: LDGV LDGT1 LDGT2 LDGT HDGV LDDV LDDT HDDV MC All Veh

Veh. Spd.:	45.0	45.0	45.0		45.0	45.0	45.0	45.0	45.0	
VMT Mix:	0.590	0.201	0.088		0.032	0.002	0.003	0.079	0.005	
0Composite Emission Factors (Gm/Mile)										
No-Mth HC:	1.00	1.36	1.83	1.50	1.46	0.24	0.34	1.03	2.07	1.16
Exhst CO:	7.70	10.90	14.76	12.08	12.74	0.67	0.75	5.33	10.46	8.92
Exhst NOX:	1.55	1.75	2.47	1.97	5.07	1.01	1.15	6.60	1.30	2.18

MEMORANDOM

Date: September 18, 1991

To: David Twiddy, PD&E Administrator

From: James H. Edwards, Transportation Planning Manager
By: Fawzi Bitar, Transportation Planning Coordinator FB

Copies to: File, Dan Doebler

Subject: W.P.I. # : 7140004.5
State Proj. #: 99007-1402
FAP No : IR-9999(43)
County : Hillsborough

The above referenced project has a District-Wide number, that is why it was not in the Tampa MPO's Transportation Improvement Program (TIP), Fiscal Year 1987/88 through 91/92. It is part of their 2010 Long Range Transportation Plan.

/FKB