TRANSPORTATION

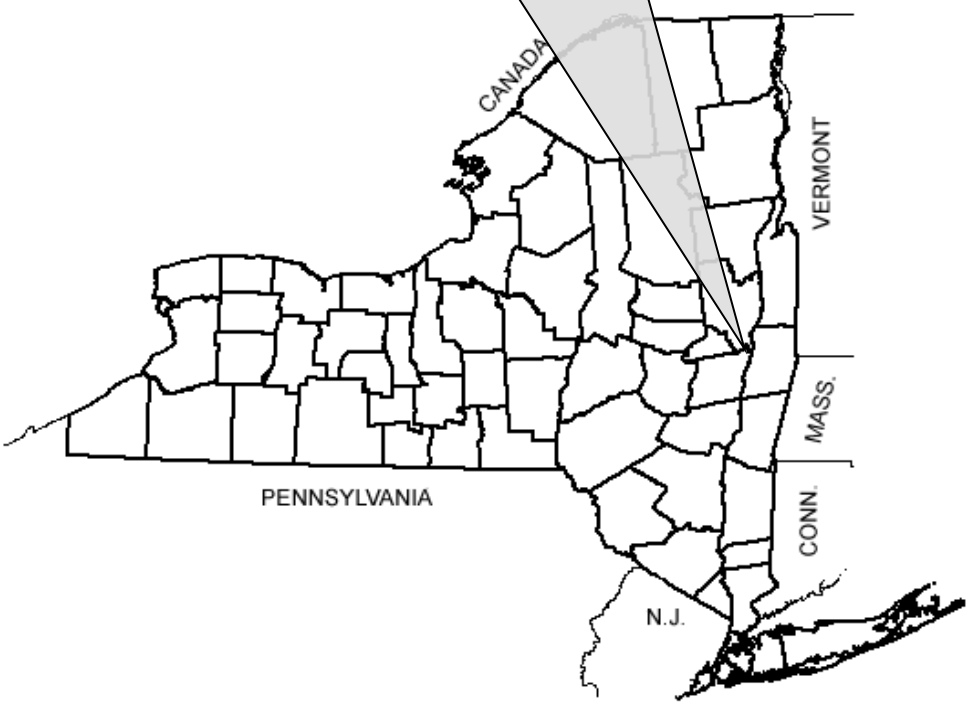
PROJECT REPORT

FINAL DESIGN REPORT / ENVIRONMENTAL IMPACT STATEMENT

Appendix I – Noise Report

August 2014

Highway Project
P.I.N. 1721.51
BINs: 1033141 / 1033142
Interstate 87 (I-87) Exit 4 Access Improvements
Albany County



U.S. Department of Transportation Federal Highway Administration

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
ANDREW M. CUOMO, Governor JOAN MCDONALD, Commissioner

Executive Summary

In compliance with *23 USC Section 109(h) and (i), the Federal Highway Administration (FHWA)* established guidelines for the assessment of highway traffic-generated noise. These guidelines, published as *Part 772 of Title 23* of the *Code of Federal Regulations (CFR)*, provide procedures to be followed in conducting noise analyses that will protect the public health and welfare. In accordance with the Noise Control Act of 1972, coordination of this regulation with the *Environmental Protection Agency* has been completed. The following assessment has been prepared in accordance with *23 CFR Part 772* and the NYSDOT Noise Analysis Policy. This report documents the results of a noise analysis completed for the proposed project.

The proposed project involves access improvements between I-87, Wolf Road, and the Albany International Airport. The project study area includes I-87 between Sand Creek Road and Exit 5 (RM 87I 1108 2029), Wolf Road (known as Old Wolf Road) between the Exit 4 SB Exit Ramp and Albany-Shaker Road, Wolf Road between Albany-Shaker Road and Cerone Commercial Drive, and Albany-Shaker Road between Wolf Road and Meeting House Road. A total of approximately 8.0 miles of roadway within the Town of Colonie, Albany County are included in the project study area.

More than 50 alternatives have been evaluated on a conceptual level for the proposed project. In addition to comparison of the alternatives to the purpose and need statement, a review of the alternatives by the project stakeholders resulted in identification of two feasible alternatives for consideration in the Environmental Impact Statement: the Flyover Alternative and the Diamond Alternative.

Federal Highway Administration Traffic Noise Model (TNM), version 2.5 was used to calculate existing noise levels and predict future noise levels. The three future (2036) scenarios were modeled in both the AM and PM peak noise hours. When identifying noise impacts, the worst case noise level, whether from the AM or PM peak noise period, is used.

Noise impacts were evaluated for both the Diamond and Flyover Alternatives; however, the Diamond Alternative has been dismissed from further consideration as a reasonable alternative and abatement measure were only considered for the Flyover Alternative. Due to impacts at Receiver 6 and 7, mitigation analysis was performed for the Flyover Alternative. A berm sheltering the impacted residents in these locations would require an unfeasible amount of area to account for the backslope of the berm. A noise wall was analyzed at the location of Receiver 7 and determined to be feasible, but not reasonable. No noise abatement is proposed at this location.

A noise wall was considered feasible and tentatively reasonable at the East Wall location (Receiver 6); the barrier proposed in consists of a wall along east side of the northbound lane of I-87, located at the top of slope. The barrier proposed consists of a wall along east side of the northbound lane of I-87, located at the top of slope. A total of 49 dwelling units were represented and assessed for effects in the abatement analysis. Each of the proposed noise barriers was found to be technically reasonable and feasible.

A public information meeting for the proposed noise barrier was held on August 22, 2013 and input solicited from the benefited receptors. Responses were received from 58% of the benefited receptors with 80% of the responses in favor of constructing the proposed noise barrier. Since a clear majority of the benefited receptors that responded are in favor of the recommended noise barrier, the barrier will be constructed during the second phase of the project's construction unless conditions change substantially during the final design phase.

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1 Introduction

In compliance with *23 USC Section 109(h) and (i), the Federal Highway Administration (FHWA)* established guidelines for the assessment of highway traffic-generated noise. These guidelines, published as *Part 772 of Title 23* of the *Code of Federal Regulations (CFR)*, provide procedures to be followed in conducting noise analyses that will protect the public health and welfare. In accordance with the Noise Control Act of 1972, coordination of this regulation with the *Environmental Protection Agency* has been completed. The following assessment has been prepared in accordance with *23 CFR Part 772* and the NYSDOT Noise Analysis Policy.

This report documents the results of a noise analysis completed for the proposed project, in order to:

- Provide baseline noise levels that will be used in determining project impact.
- Predict the effects that the proposed project will have on the noise environment.
- Identify noise sensitive sites where noise impacts are likely to occur.
- Determine the feasibility of noise abatement measures that will eliminate or reduce expected noise impacts and satisfy the requirements of Title 23 of the Code of Federal Regulations Part 772 (23 CFR 772).

Refer to Exhibit 6 for a summary of the Traffic Noise Levels.

2 Project Description

2.1 Project Location

The proposed project involves access improvements between I-87, Wolf Road, and the Albany International Airport. The project study area includes I-87 between Sand Creek Road and Exit 5 (RM 87I 1108 2029), Wolf Road (known as Old Wolf Road) between the Exit 4 SB Exit Ramp and Albany-Shaker Road, Wolf Road between Albany-Shaker Road and Cerone Commercial Drive, and Albany-Shaker Road between Wolf Road and Meeting House Road. A total of approximately 8.0 miles of roadway within the Town of Colonie, Albany County are included in the project study area.

In addition to the project study area, a traffic influence area (TIA) has been established to reflect the area within which traffic patterns are closely related to or dependent on the roadway network within the project study area. The traffic influence area extends the project limits to include Watervliet-Shaker Road (NYS Route 155) between I-87 Exit 5 and Old Wolf Road, Watervliet-Shaker Road between Albany-Shaker Road and Sand Creek Road, Troy-Schenectady Road (NYS Route 7) between Albany-Shaker Road and I-87 Exit 6, Sand Creek Road between Watervliet-Shaker Road and Wolf Road, Wolf Road between Cerone Commercial Drive and Central Avenue (NYS Route 5), and I-87 between Exit 2 (NYS Route 5) and Exit 6 (NYS Route 7).

Descriptions of the roadways included in the project study area and traffic influence area are summarized in Table 1.

Table 1 - Summary of Project Area Roadways				
Route Name	State Highway No.	Functional Classification	Length	Termini
Project Study Area				
Interstate 87	57-17	Urban Principal Arterial Interstate	3.0 mi.	Exit 2 to Exit 5
Albany-Shaker Rd	-	Urban Principal Arterial	1.1 mi.	Watervliet-Shaker Rd to Old Wolf Rd
Albany-Shaker Rd	-	Urban Arterial	0.25 mi.	Old Wolf Rd to Maxwell Rd
Wolf Rd	69-1	Urban Principal Arterial	1.25 mi.	Cerone Commercial Dr to Albany-Shaker Rd
Old Wolf Rd	-	Urban Minor Arterial	0.8 mi.	Albany-Shaker Rd to Watervliet-Shaker Rd
Watervliet-Shaker Rd	879	Urban Principal Arterial	0.75 mi.	Old Wolf Rd to I-87 Exit 5
Traffic Influence Area				
Troy-Schenectady Rd	604	Urban Principal Arterial	3.3 mi.	Albany-Shaker Rd to I-87
Wolf Rd	69-1	Urban Principal Arterial	1.2. mi.	Central Ave to Cerone Commercial Dr
Watervliet-Shaker Rd	-	Urban Principal Arterial	1.0 mi.	Sand Creek Rd to Albany-Shaker Rd
Sand Creek Rd	-	Minor Arterial	2.0 mi.	Watervliet-Shaker Rd to Wolf Rd
Central Ave	385	Primary Urban Arterial	1.0 mi.	I-87 Exit 2 Ramps

The project site is shown in Figure 1.

2.2 Project Need

The proposed transportation project has been initiated to address the following needs within the Exit 4 area:

Intersection Operating Conditions

The project will provide improved access between Interstate 87 (I-87), Wolf Road, and the Albany International Airport. Four of the nine intersections evaluated in the existing (2009) year within the project study area have movements that operate at a level of service E or worse during the peak hours. These poor operations will continue to deteriorate in the future; projected to increase to six of nine in 2016.

Safety

The project is necessary to address safety concerns within the project study area. Three intersections exceed the statewide average crash rate for similar transportation facilities. The project will reduce the likelihood of crashes by improving geometric deficiencies, improving traffic patterns, and improving traffic operations at Exit 4.

Structural Deficiencies

The existing I-87 bridges over Albany-Shaker Road (BINs 1033141 and 1033142) are over 50-years old. The sufficiency ratings for the bridges indicate that the structural deficiencies need to be addressed.

Access

The existing roadway network does not provide direct access between I-87 southbound and Wolf Road or between I-87 and the Albany International Airport. The existing access limits the movement of goods between these two major transportation facilities as well as mobility of Park n' Ride and Airport shuttles between Wolf Road, Old Wolf Road, and the airport.

Land Use and Economic Growth

The existing poor levels of service at intersections in the Exit 4 area inhibit mobility within the project area.

2.2.1 What are the Objectives/Purposes of the Project?

The proposed project is a significant long-term capital investment linking two of the major transportation facilities of the Capital District: I-87 and the Albany International Airport. As such, the following Primary Project Objectives have been developed to recognize the overall goal of improving mobility and economic development for the Capital District.

(1) Improve access between I-87 and the Albany International Airport without precluding future, long-term I-87 mainline improvements, and without impacting I-87 mainline operations between Exit 2 and Exit 5.
(2) Improve access between I-87 and Wolf Road without precluding future, long-term I-87 mainline improvements, and without impacting I-87 mainline operations between Exit 2 and Exit 5.
(3) Improve intersection operating conditions in the existing Exit 4 area and address safety concerns in the areas that exceed the statewide average accident crash rate for similar transportation facilities.
(4) Eliminate the structural deficiencies associated with the I-87 northbound and southbound bridges over Albany-Shaker Road by providing bridges with a 50-year minimum service life.

2.3 Project Alternates

More than 50 alternatives have been evaluated on a conceptual level for the proposed project. In addition to comparison of the alternatives to the purpose and need statement, a review of the alternatives by the project stakeholders resulted in identification of two alternatives, the Diamond Alternative and the Flyover Alternative, for consideration in the Environmental Impact Statement (EIS). Although the engineering considerations and environmental impacts of the Diamond Alternative were evaluated in the DEIS, it has been dismissed from consideration as a reasonable alternative for the following reasons:

- The estimated construction cost is $74.61M.
- It requires 53.92 acres of ROW acquisitions, equating to $12.6M in ROW costs.
- It results in the addition of 3.39 lane-miles of roadway. Future roadway maintenance costs directly correlate to the number of lane-miles of roadway.
- The proposed connector road bridge over I-87 requires 37,500 s.f. of deck area resulting in higher future bridge maintenance costs.
- It results in relocation of two (2) commercial businesses. The relocation of these commercial businesses represents removal of $421,407 from the Town of Colonie tax base.
- It results in approximately 4.76 acres of wetland impacts.
- The Diamond Alternative results in a 41% increase over No-Build conditions in energy consumption and greenhouse gas emissions.

For these reasons, the Diamond Alternative has been dismissed as a reasonable alternative and the Flyover Alternative has been identified as the only remaining Feasible Alternative. However, the noise analysis was completed prior to dismissal of the Diamond Alternative, so both the Diamond and Flyover Alternatives, along with the No-Build Alternative, are described below. For a more in-depth discussion of the design criteria and non-standard features see Section 3.2.3. of the Environmental Impact Statement.

2.3.1 Diamond Alternative

This alternative includes construction of a full-access, grade-separated diamond interchange, which connects I-87 to Wolf Road and Albany-Shaker Road via a new connector road. Improvements include construction of a new connector road between Wolf Road, at Metro Park Road, and Albany-Shaker Road, approximately 1,000 ft west of the Albany-Shaker Road / Old Wolf Road intersection, and new Exit 4 interchange ramps to connect I-87 to the connector road. This alternative also includes replacement of the I-87 bridges over Albany-Shaker Road; construction of a new bridge to carry the connector road over I-87; pavement widening on Wolf Road and Albany-Shaker Road for additional travel lanes, turn lanes and medians; and removal of all of the existing Exit 4 Exit and Entrance Ramps as well as the existing SB frontage road between Exit 5 and Exit 4 and replacements of the existing Exit 5 SB Entrance Ramp.

2.3.2 Flyover Alternative

This alternative includes construction of new Exit 4 ramps to complement the existing Exit 4 interchange. Improvements include construction of new ramps to connect I-87 NB and SB to Albany-Shaker Road approximately 1,000 ft west of the Albany-Shaker Road / Old Wolf Road intersection and a new ramp to connect Albany-Shaker Road, approximately 1,000 ft west of the Albany-Shaker Road / Old Wolf Road intersection, to I-87 SB. This alternative also includes replacement of the I-87 bridges over Albany-Shaker Road; removal of the existing Exit 4 SB Exit Ramp, existing SB frontage road between Exit 5 and Exit 4, and the Exit 4 SB Entrance Ramp; replacement of the existing Exit 5 SB Entrance Ramp; pavement widening and restriping for additional travel lanes, turn lanes, and medians on Albany-Shaker Road, I-87 NB between the existing Exit 4 NB Entrance Ramp and Exit 5 NB Exit Ramp, and on the existing Exit 4 NB Exit Ramp.

3 Physical Environment

3.1 Type I Project Noise Assessment Criteria

"Highway Traffic Noise Policy and Guidance," was issued in July 2010 (revised January 2011) by the FHWA. In compliance with this guidance, a Type I project is defined below:

Type I Project:

(1) The construction of a highway on new location; or,

(2) The physical alteration of an existing highway where there is either:

(i) Substantial Horizontal Alteration. A project that halves the distance between the traffic noise source and the closest receptor between the existing condition to the future build condition;

(ii) Substantial Vertical Alteration. A project that removes shielding therefore exposing the line-of-sight between the receptor and the traffic noise source. This is done by either altering the vertical alignment of the highway or by altering the topography between the highway traffic noise source and the receptor; or,

(3) The addition of a through-traffic lane(s). This includes the addition of a through-traffic lane that functions as a high occupancy vehicle (HOV) lane, high-occupancy toll (HOT) lane, bus lane, or truck climbing lane; or,

(4) The addition of an auxiliary lane, except for when the auxiliary lane is a turn lane; or

(5) The addition or relocation of interchange lanes or ramps added to a quadrant to complete an existing partial interchange; or,

(6) Restriping existing pavement for the purpose of adding a through-traffic lane or an auxiliary lane, except for when the auxiliary lane is a turn lane; or,

(7) The addition of a new or substantial alteration of a weigh station, rest stop, ride-share lot or toll plaza.

The project is categorized as Type I based on criteria (1), (4) and (5).

3.2 Noise Background

Noise is defined as unwanted or excessive sound, and can interfere with sleep, work, relaxation, and/or recreation. The extent to which noise interferes with daily activities is based on noise duration, loudness, noise frequency, time of day, and personal preferences. Overall, noise can affect the quality of life.

Highway traffic is a dominant source of noise in urban and rural environments, and has been identified as an environmental issue of concern by local, state, and federal officials. Generally, the loudness of traffic noise is increased by heavier traffic volumes, higher travel speeds, and greater numbers of trucks. In contrast, terrain, vegetation, and natural/manmade obstacles can reduce traffic noise levels. Three specific attributes are significant in the study of the amount and the nature of such noise:

- The frequency distribution of the noise
- The intensity of the noise
- The time varying pattern of the noise

The equivalent sound level (L_{eq}) descriptor was developed to account for fluctuations (time varying pattern) in noise levels (intensity). The Leq descriptor is used to convert all of the sound energy over a selected period of time into one equivalent noise level. Although the human ear is sensitive to a large range of frequencies, the typical frequency range of hearing is from 20 to 10,000 Hz, human hearing is not equally sensitive along this range of frequencies. It is more sensitive to sound in the higher frequencies than to sounds in the lower frequencies. The A-scale weighting network has been devised to measure noise in a way that closely resembles human hearing. Through the A-scale network, a noise level meter electronically adjusts some of the higher, middle, and lower frequencies when noise is measured, placing a greater emphasis on the middle to high frequencies. Thus, noise levels described in this study are presented as equivalent sound levels measured in A-scaled decibels, L_{eq} (dBA).

In response to the issues associated with highway traffic noise, the Federal Highway Administration (FHWA) developed a highway noise regulation as required by the Federal-Aid Highway Act of 1970 (Public Law 91-605, 84 Stat. 1713). The noise regulation, “Procedures for Abatement of Highway Traffic Noise and Construction Noise” (23 CFR 772), requires highway agencies, such as the NYSDOT, to investigate traffic noise impacts in areas adjacent to all Federal or Federal-aid highway projects authorized under Title 23, and consider abatement if the agency identifies impacts. The noise regulation also requires highway agencies to maintain written statewide noise policies. Noise policies specify how each highway agency will implement the noise regulation, and must be approved by FHWA.

On July 13, 2010, FHWA issued a final rule to amend their noise regulation. The 2010 final rule required highway agencies to revise their current noise policies to demonstrate compliance with the amended noise regulation, obtain FHWA approval of the revised noise policies, and implement the policies by July 13, 2011. NYSDOT's noise policy meets the requirements of the final rulemaking and has received FHWA approval.

3.3 Methodology

The purpose of a noise assessment is to disclose all noise impacts that will occur in the future build conditions of a Type 1 roadway project. The noise analysis was performed in accordance with 23 CFR Part 772 with guidance from The Environmental Manual, NYSDOT, 2010, Chapter 4.4.18 - *Noise Analysis Policy and Procedures* (Noise Policy). All noise predictions made in this study used the prediction model conforming to that in the FHWA TNM Report No. FHWA-PD-96-010, 23 CFR, Part 772.17(a) Traffic Noise Prediction. Analysis required by this standard must use the FHWA Traffic Noise Model (TNM). The FHWA TNM represents the most up-to-date noise prediction model.

Federal Highway Administration Traffic Noise Model (TNM), version 2.5 was used to calculate existing noise levels and predict future noise levels. Two methods are used for identifying a noise impact, FHWA's noise abatement criteria (NAC) and substantial exceedances.

First is a comparison of predicted noise levels with NAC, as seen in Table 2 below. Any predicted noise level that approaches or exceeds the applicable noise abatement criterion is considered an impact. NYSDOT has defined noise levels within 1dB of the NAC as approaching criteria.

The first step in a noise analysis is to identify the areas and associated activities (i.e., land uses) that will potentially be affected by highway noise. The areas on both sides of the entire length of the proposed highway project were considered. All land uses fall under one of seven Activity Categories (A - G) defined in 23 CFR 722. FHWA Noise Abatement Criteria (NAC) are assigned to each Activity Category. The NAC is defined as the noise level where there may be noise impacts that require consideration of mitigation. A noise impact may occur if a noise level approaches or exceeds the NAC. "Approaches" is defined as being within 1 dBA of the NAC. The seven Activity Categories along with their respective descriptions and NACs are provided in Table 2.

Category F activities are not studied for noise since there is no abatement criteria established for non-noise sensitive receptors. Category G activities are studied for future planning purposes. The results are sent to local planners.

Only exterior areas of frequent human use would be considered for abatement measures unless they are Category D activities. Frequent human exterior use areas are defined as exterior areas with a permanent fixture for the purpose of outdoor recreation (e.g. patios, decks, porches, permanently affixed picnic tables, grills, etc.).

Impacts to receptors can also occur when the projected noise levels substantially exceed the existing noise levels in an area. The Noise Policy defines a substantial increase as an increase of 6 dBA over existing levels. Noise abatement measures must be examined and evaluated for all areas where traffic noise impacts are determined to occur.

Table 2 - Noise Abatement Criteria

Activity Category	Noise Abatement Criteria[1,2] L_{eq}(h) dBA	Evaluation Location	Activity Category Description
A	57	Exterior	Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose.
B[3]	67	Exterior	Residential
C[3]	67	Exterior	Active sport areas, amphitheaters, auditoriums, campgrounds, cemeteries, day care centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreation areas, Section 4(f) sites, schools, television studios, trails, and trail crossings.
D	52	Interior	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios.
E[3]	72	Exterior	Hotels, motels, offices, restaurants/bars and other developed lands, properties or activities not included in A-D or F.
F	--	--	Agriculture, airports, bus yards, emergency services, industrial, logging, maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities (water resources, water treatment, electrical), and warehousing.
G	--	--	Undeveloped lands that are not permitted.

1 The L_{eq}(h) Activity Criteria values are for impact determination only, and are not design standards for noise abatement measures.

2 Includes undeveloped lands permitted for this Activity Category.

3.4 Existing Conditions and Land Use

The project area is comprised predominantly of three (3) zoning districts: Airport Business Area, Commercial Office, and Commercial Office Residential. Land Conservation and Single-family Residential also occur in the Project Study Area (PSA), but make up a smaller part of it. The vast majority of the project study area is zoned as Airport Business Area and Commercial Office Residential. The southernmost portion of the project area, between Albany-Shaker Road to the north, and the limits of the PSA to the south, is zoned as Commercial Office Residential. The portion of the PSA east of I-87 and north of Albany-Shaker Road is zoned Commercial Office and Single-family Residential. The portion of the PSA west of I-87 and north of Albany-Shaker Road is zoned mostly Airport Business Area with some of the Land Conservation Zone. The portion of the PSA west of I-87 and south of Albany-Shaker Road is zoned primarily Land Conservation with two relatively smaller portions zoned as Airport Business Area and Single-Family Residential. The western most portion of the project area, west of I-87, is mapped as Land Conservation. The northeastern most portion of the project area north and south of Old Niskayuna Road, on the west and east sides of I-87 include portions of two (2) residential developments; one (1) additional area along Sunset Boulevard, on the north side of I-87 in the southwestern portion of the project area is also mapped as Single-Family Residential (SFR). The northwestern most corner of the project area, adjacent to the airport, is zoned as Neighborhood Commercial Office Residential (NCOR); two (2) additional properties along Wolf Road, are also mapped as NCOR. Three (3) properties along Old Niskayuna Road, in the northernmost portion of the project area are zoned as Multi-Family Residential (MFR). The existing land uses in the vicinity of the project are described fully in Section 4.2.1 of the Environmental Impact Statement document associated with the project.

The Land Use Activity Category Map Figure 2 was created by utilizing GIS data provided by Village of Colonie and Town of Colonie GIS Departments and refined using further investigation of specific sites. Properties located proximate to the proposed project include Activity Categories B, C/D, R, F and G. Six locations were identified for field noise measurements (Receiver Nos. R1 – R6). These measurements are used to validate predicted noise levels through comparison between measured and predicted levels. Additional receiver locations were subsequently included in the TNM models to account for nearby receptors and outdoor use areas. A complete description of properties selected for noise measurement is included in Table 3. A map of receiver locations is included as Figure 3.

3.5 Validation

Initially, one receptor location (R4) was identified for continuous 12-hour monitoring to determine the peak noise hours (AM and PM) Based on the 12-hour measurements obtained at location R4. The PM peak noise levels occurred between 3:30 and 4:30 PM. The AM peak noise levels occurred between 8:00 and 9:00 AM.

L_{eq} measurements were subsequently collected in the AM and PM peak noise hours at the remaining five receptors in general accordance with *Field Measurement of Existing Noise Levels*, NYSDOT, 1985, and current FHWA literature using a Quest Technologies Noise Pro DLX ANSI Type II Sound Level Meter. Measurements were collected over a period of several weeks ranging from December 2011 to January 2012, during dry weather and normal traffic (i.e. midweek, non-vacation) conditions. Traffic volumes were collected by visual count for nearby local roads, and interstate volumes were obtained from continuous count stations. Noise measurement data is included in Attachment I.

Existing noise levels were then modeled using TNM; roadways were separated into segments, each with discrete traffic volumes. Traffic Data utilized for modeling is included as Attachment II. Modeled traffic noise levels at each representative receptor location were calculated based on distances from the roadways to the nearest receptors, topography, attenuation due to soft ground, and traffic volumes. Default ground types for each model were set to lawn; different ground zones were included in the model as appropriate. See Figures 4 through 4c for detailed views of Existing Model TNM Inputs, Attachment III for tabulated input data, and Attachment IV for Existing scenario results.

Correlation between existing and modeled is shown to be acceptable if the difference between the two values is 3 dBA or less. As shown in Table 4, both AM and PM modeled noise levels demonstrated an acceptable validation of the model for all receivers. It should be noted that Receiver Nos. 1, 2 and 4 are located within the Albany Airport's Noise Impact contours. Existing Model TNM Inputs and Results are included in Attachments III and IV, respectively.

Table 3 - Measurement Receiver Descriptions		
Identification	**Activity Category**	**Description**
R1	B	Residence along Aldershoot Rd. Rear yard
R2	E*	The Desmond Hotel and Conference Center, Not outdoor use area. Measurement location and model verification only, see R2A for outdoor use area.
R3	D	Mc Ginnis Women's Medical Center, measurement location. No Outdoor Use Areas. Use Interior Noise Level for Effects Assessment.
R4	E*	Best Western Parking Lot, measurement location, not outdoor use area. See R4A - R4C for nearby hotel outdoor use areas.
R5	C	Library on Albany-Shaker Road , measurement location
R6	B*	Measurement location, representative of residences along old Niskayuna. See R6A-R6L for outdoor use areas specific to individual clusters of residences.
R2A	E	Outdoor use area at Desmond.
R4A	E	Outdoor use area at Best Western.
R4B	B	Outdoor use area at Homewood Suites (Primarily Long Term Stay).
R4C	E	Outdoor use area at Courtyard Albany Airport.
R6A - R6L	B	Homes proximate to old Niskayuna Rd. and Rodgers Road. Outdoor use areas, used in barrier analysis
R7A- R7P	B	Homes located along Sherwood Drive and Mildred Lane, north of Watervliet-Shaker Road and east of I-87.

* Indicates measurement location only, used for model verification validation purposes only.

3.6 Effects Assessment

Two future (2036) scenarios were modeled in both the AM and PM peak noise hours: the Flyover Alternative, and the Diamond Alternative. When identifying noise impacts, the worst case noise level, whether from the AM or PM peak noise period, is used. Please see Figures 5 through 5e and 6 through 6d for detailed views of Diamond and Flyover Scenario TNM Inputs, respectively. 2036 Diamond and Flyover TNM Inputs are included in Attachments V, VII respectively; TNM results for each future scenario are included in Attachments VI and VIII.

Receiver 3 is a medical center with no outdoor frequent use areas. Therefore, indoor NAC for Activity Use D are applicable to this receiver. The building is constructed of brick, with fewer than 30% of the area of the facing wall occupied by window and door openings. FHWA's *The Audible Landscape*, 1974, was consulted to determine an appropriate noise level reduction for the building using the graph and data supplied in Exhibit 1 and Table 5.

Table 4 - Comparison of Measured and Calculated Existing Noise Levels				
Receiver ID	Measured	Modeled	Difference	Notes
	dBA	dBA	dBA	
AM				
R1	62	63	1	
R2	71	68	-3	Tractor Trailers, Airplanes x 2, box truck in parking lot
R3	71	72	1	
R4	74	72	-2	
R5	63	64	1	
R6	69	66	-3	
PM				
R1	61	62	1	
R2	70	68	-2	Parking Lot Traffic noted
R3	72	73	1	
R4	74	73	-1	
R5	62	64	2	
R6	72	69	-3	

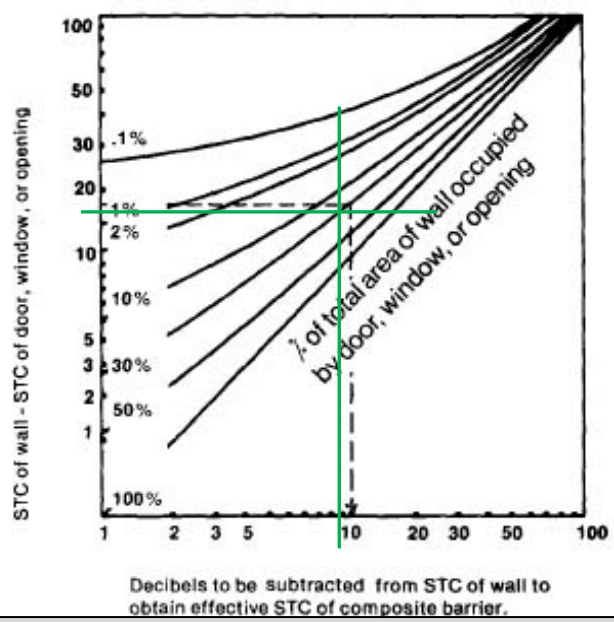


Exhibit 1
Sound Transmission Class for Receiver 3

Table 5 - Sound Transmission Calculation	
Sound Transmission Class (STC) for Brick Wall	40
STC of ordinary 3/16" glass	25
STC Wall - STC Glass window	15
% of Total Area of Wall Occupied by Windows, etc.	<30%
dB to be subtracted from STC of wall to obtain effective STC of composite barrier	9
STC of composite wall	31

Indoor noise levels at Receiver 3 are computed by subtracting 31 dBA from the outdoor level. Results for Receiver 3 are presented as indoor noise levels.

Results for the No-Build Alternative and the two build alternatives are presented in Table 6. Impacts, including noise levels that approach or exceed the NAC and significant increases over existing levels are noted as shaded cells.

Table 6 - Assessment Results

Receiver ID	Individual Receptors	Existing	Peak Hour	Impact Crt'n	Diamond	Delta	Peak Hour	Flyover	Delta	Peak Hour
		dBA		dBA	dBA	dBA		dBA	dBA	
R1	1	63	AM	66	61	-2	PM	64	2	PM
R2	1	71	AM	N/A	66	-5	AM	65	-3	PM
R2A	1	57	AM	71	58	1	PM	59	2	PM
R3*	1	41	PM	52	32	-9	PM	42	1	PM
R4	1	74	PM	N/A	68	-6	PM	71	-2	PM
R4A	1	52	PM	71	46	-6	PM	52	0	PM
R4B	1	64	PM	66	62	-2	PM	63	-1	PM
R4C	1	62	AM	71	61	-1	PM	63	1	PM
R5	1	64	AM	66	63	-1	AM	63	-1	AM
R6	1	69	PM	66	69	0	PM	69	0	PM
R6A	1	67	PM	66	68	1	PM	67	0	PM
R6B	1	65	PM	66	66	1	PM	65	0	PM
R6C	1	65	PM	66	66	1	PM	64	-1	PM
R6D	4	65	PM	66	66	1	PM	65	0	PM
R6E	3	68	PM	66	70	2	PM	68	0	PM
R6F	3	61	PM	66	63	2	PM	62	1	PM
R6G	2	63	PM	66	64	1	PM	63	0	PM
R6H	2	63	PM	66	64	1	PM	62	-1	PM
R6I	1	60	PM	66	61	1	PM	60	0	PM
R6J	3	63	PM	66	64	1	PM	63	0	PM
R6K	2	65	PM	66	66	1	PM	66	1	PM
R6L	2	66	PM	66	67	1	PM	67	1	PM
R6M	3	63	PM	66	63	0	PM	64	1	PM
R6N	2	61	PM	66	61	0	PM	62	1	PM
R6O	1	64	PM	66	65	1	PM	65	1	PM
R6P	2	63	PM	66	63	0	PM	63	0	PM
R6Q	2	65	PM	66	66	1	PM	66	1	PM
R6R	4	58	PM	66	59	1	PM	59	1	PM
R6S	4	59	PM	66	61	2	PM	59	0	PM
R6T	4	60	PM	66	61	1	PM	60	0	PM
R6U	2	58	PM	66	59	1	PM	59	1	PM
R7A	1	69	PM	66	70	1	PM	71	2	PM
R7B	3	65	PM	66	65	0	PM	66	1	PM
R7C	4	63	PM	66	61	-2	PM	64	1	PM
R7D	3	62	PM	66	58	-4	PM	63	1	PM
R7E	3	60	PM	66	56	-4	PM	62	2	PM
R7F	3	59	PM	66	53	-6	PM	60	1	PM
R7G	3	58	PM	66	51	-7	PM	58	0	PM
R7H	3	56	PM	66	51	-5	PM	54	-2	PM
R7I	3	57	PM	66	52	-5	PM	55	-2	PM
R7J	3	58	PM	66	53	-5	PM	56	-2	PM
R7K	3	60	PM	66	54	-6	PM	57	-3	PM
R7L	3	61	PM	66	58	-3	PM	59	-2	PM
R7M	2	61	PM	66	61	5	PM	62	1	PM
R7N	3	58	PM	66	58	0	PM	60	2	PM
R7O	3	57	PM	66	56	-1	PM	59	2	PM
R7P	3	56	PM	66	54	-2	PM	57	1	PM

Shaded cells indicate impacts.

* See indoor noise level summary above

Predicted noise levels at receivers for both design alternatives decrease from existing conditions. For both the Diamond and Flyover Alternatives, this is due in part, to shielding effects provided by the proposed on- and off-ramps. These shielding effects are particularly important for R1, R2 and R4 A-C. Changes in traffic patterns and volumes account for the change at R5.

The only noise impacts identified are at Receiver 6 and 7. Noise levels at these locations exceed the NAC in existing conditions and for the Diamond and Flyover Alternatives. A total of 11 and 9 residences in the vicinity of Receiver R6 experience noise impacts in the Diamond and Flyover Alternatives, respectively. Vacant land located south of Receiver 6 is within a similar noise environment. A total of 1 and 4 residences in the vicinity of Receiver R7 experience noise impacts in the Diamond and Flyover Alternatives, respectively. No impacts are noted at any other studied receivers.

3.7 Vacant Land

Vacant/Undeveloped parcels are studied to provide local planning officials the tools they need for compatible land use planning. Vacant/Undeveloped parcels are identified on Figures 2 and 3. Three areas of vacant land will be affected by traffic noise. The area located north of I-87 and southwest of the Desmond Hotel (Receiver 2), the area located south of I-87 west of the Best Western (Receiver 4) are located within the Draft Albany International Airport Noise Exposure Map (NEM) 65 – 75 dBA (DLN) Contour "Significant Impact" for the ALB 2014 NEM and Town of Colonie Airport Noise Impact Overlay District, dated June 2011. The other potentially impacted vacant land is located southwest of Receiver R6. This land is zoned for Commercial Office. All of the vacant lands noted have scheduled uses that are in general conformance with the modeled noise levels.

4 Abatement Summary

23 CFR 772 and the Noise Policy require that abatement be considered for all locations that may experience a noise impact. Noise abatement measures must be considered reasonable and feasible to warrant implementation. Feasibility is defined as the practical capability of the abatement being built as well as achieving acoustic effectiveness. The acoustic effectiveness test for feasibility is that a majority of the impacted receptors receive a 5 dB(A) reduction from the measure. A reduction in noise level of 10 dBA is desirable, while a 7 dBA reduction is known as the Noise Reduction Design Goal.

A *Benefited Receptor* is defined as the recipient of an abatement measure that receives a noise reduction at or above the minimum threshold of 5 dB(A). Receptors need not be impacted to be considered a Benefited Receptor. For an abatement measure to be determined reasonable, a majority of the benefited receptors must achieve the design goal. Reasonableness also requires a maximum of 2,000 square feet of wall or berm construction costs of $80,000 per benefited receptor, and that the benefited residents concur with the abatement recommendation.

Although noise impacts have been evaluated for both the Diamond and Flyover Alternatives, the Diamond Alternative has been dismissed from further consideration as a reasonable alternative, as noted in Section 2.3 – Project Alternates. As such, abatement measures have only been considered for the Flyover Alternative.

Due to impacts at Receivers 6 and 7, mitigation analysis was performed for Flyover Alternatives. Four (4) noise abatement techniques were reviewed for this project: traffic management techniques, alternative highway locations, noise barriers, and acquisition of real property to serve as a buffer zone. The major source of noise impacting receptors at Receivers 6 and 7 is I-87. Therefore, traffic management techniques and alternative highway locations are not considered feasible. Likewise, acquisition of real estate to serve as a buffer would require the relocation of a number of existing residences along I-87.

Land use to create buffer zones or separation between noise sensitive receivers and traffic is considered during the design of a project. Constructive land use or zoning designations to create a "buffer" between developed areas and roads are most effective prior to development of areas adjacent to the road. The results of this noise study will be sent to local officials for use in future compatible land use planning.

Traffic management techniques such as the restriction of truck traffic, use by only certain types of vehicles, restricting use to certain times of the day, traffic calming devices, and reduction in operating speeds could be considered for noise abatement measures. Construction is taking place on a designated interstate route where prohibition of certain types of vehicles and reductions in speed would not be consistent with the roadway's intended purpose.

Noise barriers including wall and berms were considered for abatement on this project. The elevation of I-87 ranges from 5-15 ft. above the surrounding residences in the vicinity of the impacted residences. A berm sheltering the impacted residents in this area would require an unfeasible amount of area to account for the backslope of the berm. Finally, noise walls were considered for each alternative.

East Wall

The first barrier (East Wall) proposed consists of a wall along the east side of the northbound lane of I-87, south of Watervliet-Shaker Road located at the top of slope. A total of 47 dwelling units were represented and assessed for effects in the abatement analysis.

The barrier proposed consists of a wall along east side of the northbound lane of I-87, located at the top of slope. A total of 49 dwelling units were represented and assessed for effects in the abatement analysis.

Summaries of the barrier description and benefited dwellings are provided in Table 7 and Table 8, respectively. The Feasibility and Reasonableness Worksheet is provided in Table 9. Finally, a plan view of the proposed limits of the barrier is provided in Figure 7.

Table 7 - Noise Barrier Summary (East Wall)				
Barrier Height			Length	Wall Area
Min	Avg	Max		
ft.	ft.	ft.	ft.	sf
12	20.29	24	2,242	46,146

Table 8 - Benefited Dwelling Unit Summary (East Wall)				
Benefited Receptors (Achieving ≥ 5 dBA reduction)	Benefited Receptors Achieving Noise Reduction Design Goal (≥ 7 dBA)	Benefited Receptors Achieving Noise Reductions (≥ 5 dBA but < 7 dBA)	Impacted Receptors	Number of Impacted Receptors Achieving ≥ 5 dBA reduction
35	20	15	10	8

Table 9 - Feasibility And Reasonableness Worksheet (East Wall)		
Feasibility		
Engineering Considerations	Can the measure be built?	Y
Noise Reduction	Does the proposed measure provide a reduction of at least 5 dB(A) to a majority of the impacted receptors?	Y
Reasonableness		
Viewpoints of benefited property owners and residents	Were responses obtained from at least half of the benefited property owners and residents?	Y
	Do a majority of the responses favor the measure?	Y
Cost Index	If a barrier: Is the proposed barrier less than 2,000 square feet per benefited receptor?	Y
Noise Reduction Design Goal	Do a majority of the benefited receptors achieve the Noise Reduction Design Goal of 7 dB(A)?	Y
Note: 1 – TBC = to be completed		

The proposed East Wall noise barrier was found to be technically reasonable and feasible. A public information meeting for the proposed East Wall noise barrier was held on August 22, 2013 and input solicited from the benefited receptors. Responses were received from 58% of the benefited receptors with 80% of the responses in favor of constructing the proposed noise barriers. TNM Barrier design tables are included in Attachments VI and VIII.

West Wall

Impacts to receptors located in the northwest quadrant of Watervliet-Shaker Road at I-87 were studied for the Flyover in the PM Peak hours. The proposed wall flanked the off ramp of southbound I-87. A total of 46 dwelling units were represented and assessed for effects in the West Wall abatement analysis. The barrier length ranged from approximately 1,000 ft. to 1,500 ft., with segment heights ranging from 10 ft to 30 ft. Feasibility requirements, as described above could be met with a number of barrier designs, however cost indices of the various designs could not be met. Abatement measures at the West Wall location are not recommended. Exhibits 4.4.17 k through 4.4.17 m are provided below for one of the better performing designs considered.

Table 10 - Noise Barrier Summary (West Wall)

Heights along Barrier			Length	Wall Area
Min	Avg	Max		
ft.	ft.	ft.	ft.	Sf
10	18.2	24	1,246	22,653.00

Table 11 - Benefited Dwelling Unit Summary (West Wall)

Benefited Receptors (Achieving ≥ 5 dBA reduction)	Benefited Receptors Achieving Noise Reduction Design Goal (≥ 7 dBA)	Benefited Receptors Achieving Noise Reductions (≥ 5 dBA but < 7 dBA)	Impacted Receptors	Number of Impacted Receptors Achieving ≥ 5 dBA reduction
10	7	3	4	3

Table 12 - Feasibility And Reasonableness Worksheet (West Wall)

Feasibility		
Engineering Considerations	Can the measure be built?	Y
Noise Reduction	Does the proposed measure provide a reduction of at least 5 dB(A) to a majority of the impacted receptors?	Y
Reasonableness		
Viewpoints of benefited property owners and residents	Were responses obtained from at least half of the benefited property owners and residents?	N
	Do a majority of the responses favor the measure?	N/A
Cost Index	If a barrier: Is the proposed barrier less than 2,000 square feet per benefited receptor?	N
Noise Reduction Design Goal	Do a majority of the benefited receptors achieve the Noise Reduction Design Goal of 7 dB(A)?	Y

5 Summary

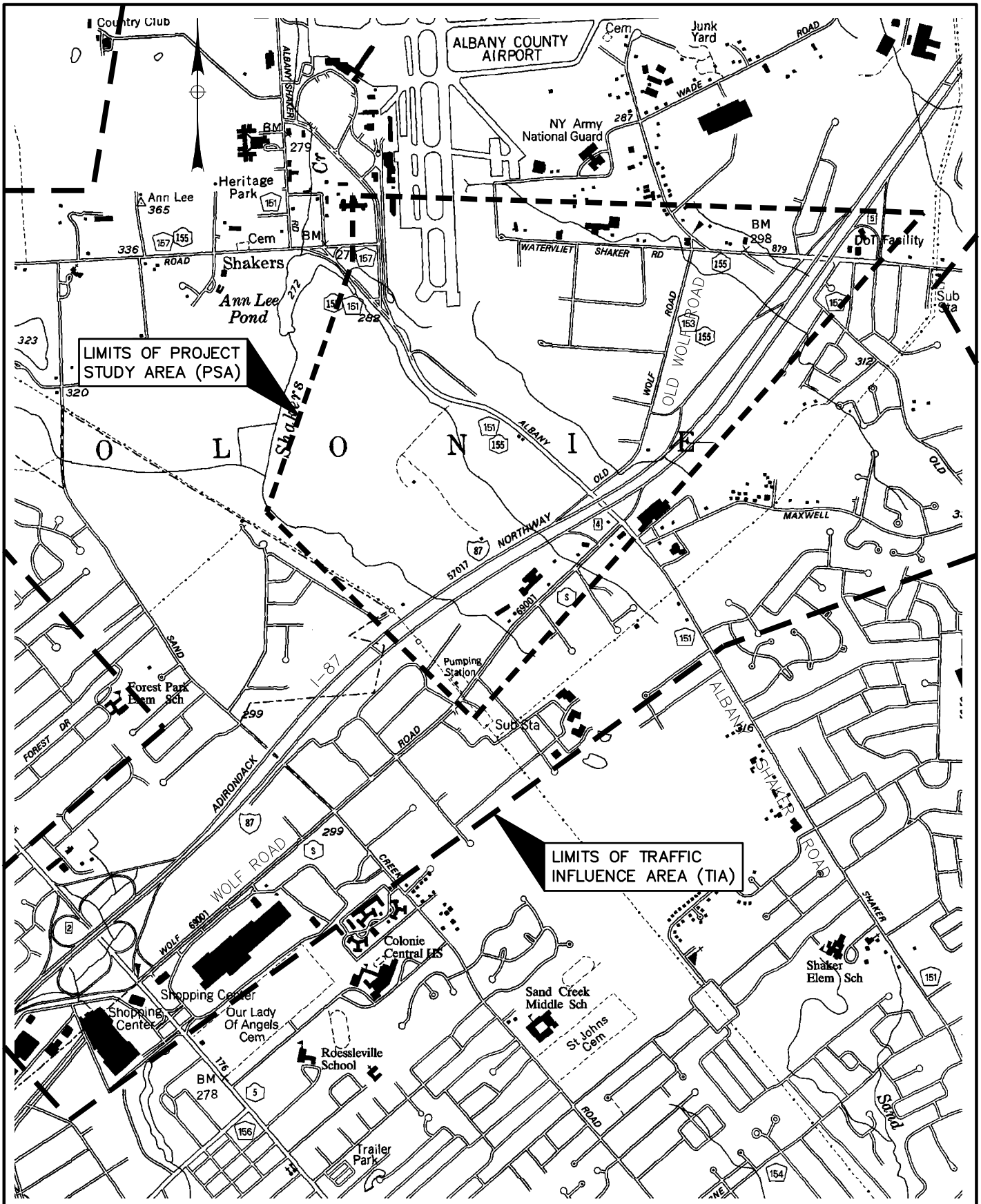
Analysis of the Design Year Build Alternatives suggests that receptors in the area will be impacted by criterion with of the proposed improvements. Impacted properties are comprised of single-family residences. Four receptors will likely be impacted in the No Build alternative in the Design year and 8 will likely be impacted in the Flyover Alternative. Increases in Noise levels over existing levels will be minimal; the Flyover alternative will raise noise levels by a maximum of two dBA. In addition there were no commercial sites predicted to be impacted. Existing peak hour outdoor noise levels at receptors along the project corridor range from 52 to 69 dBA L_{eq}. The predicted peak hour No build receptor noise levels range from 53 to 69 dBA L_{eq}. The predicted peak hour Flyover Alternative receptor noise levels range from 51 to 69 dBA L_{eq}. Receptor 3 will experience interior noise levels of 42 dBA in the Existing and No Build and Flyover Alternatives.

Due to impacts at Receiver 6 and 7, mitigation analysis was performed for the Flyover Alternative. A noise wall was considered feasible and tentatively reasonable at the East Wall location; the barrier proposed in consists of a wall along east side of the northbound lane of I-87, located at the top of slope. No other mitigation techniques were both feasible and reasonable with regards to the proposed alternative.

Based on the studies performed thus far, the Department recommends abatement in the form of a 10 to 24 foot high noise barrier along the east side of I-87 between Albany-Shaker Road and Watervliet-Shaker Road for a length of approximately 2,200 to 2,300 feet. These initial indications of likely recommended abatement are based upon a preliminary design for the Flyover Alternative for a 46,146 square foot barrier that will reduce the noise level by ≥5 dBA for 35 receptors.

A public information meeting for the proposed noise barrier was held on August 22, 2013 and input solicited from the benefited receptors. Responses were received from 58% of the benefited receptors with 80% of the responses in favor of constructing the proposed noise barriers. Since a clear majority of the benefited receptors that responded are in favor of the recommended noise barrier, the barrier will be constructed during the second phase of the project's construction unless conditions change substantially during the final design phase.

Figures



CLOUGH HARBOUR & ASSOCIATES LLP
III Winners Circle, PO Box 5269 · Albany, NY 12205-0269
Main: (518) 453-4500 · www.cloughharbour.com

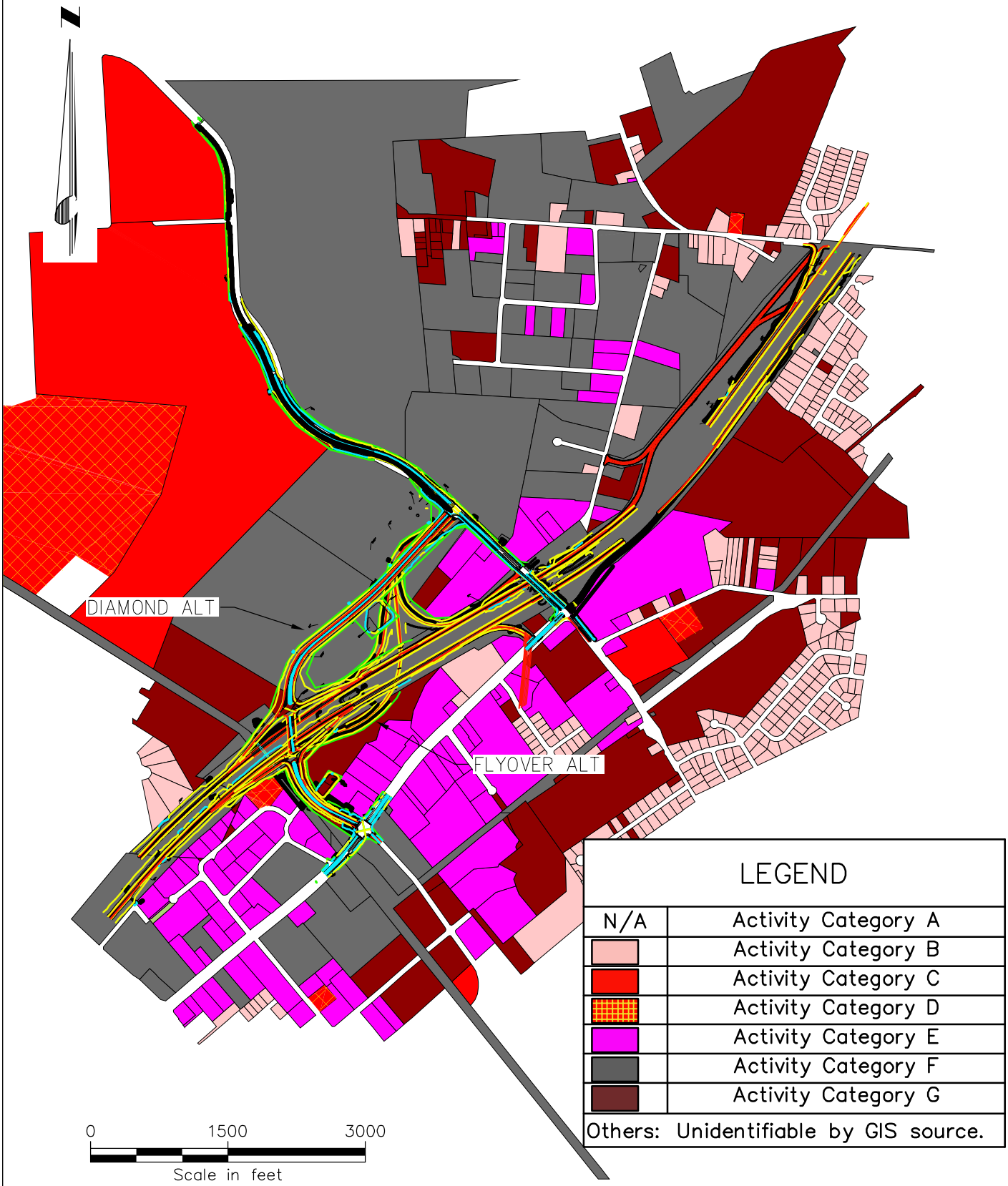
NOT TO SCALE

FIGURE 1

PROJECT LOCATION MAP

INTERSTATE 87 (I-87) EXIT 3, AIRPORT CONNECTOR
TOWN OF COLONIE, ALBANY COUNTY, NEW YORK
P.I.N. 1721..51.121

U:\9456\ACAD\1301 LOCMAP.DWG



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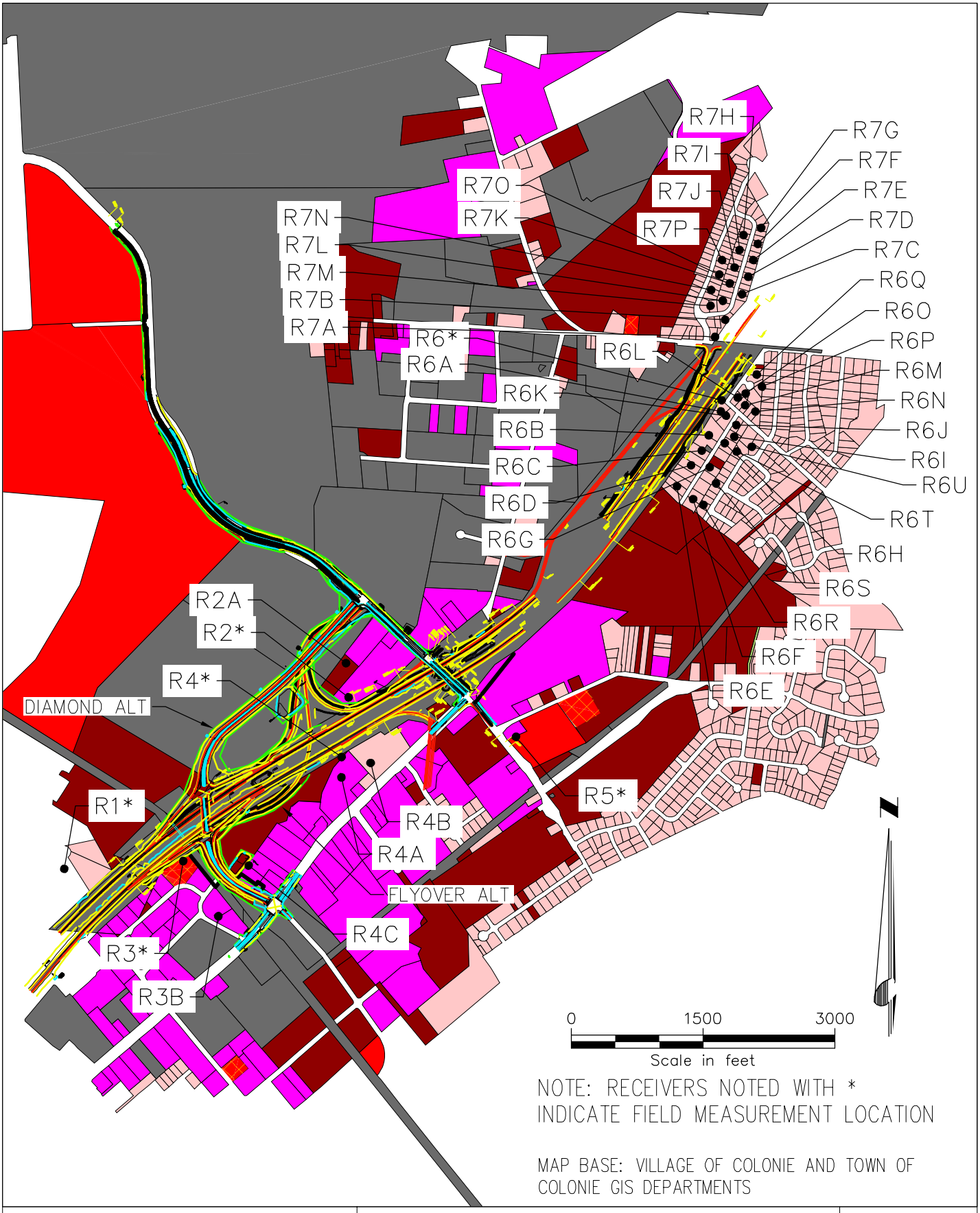
LAND USE
ACTIVITY
CATEGORY MAP

INTERSTATE 87 (I-87) EXIT 3 / 4
ACCESS IMPROVEMENTS

FIGURE
2

DATE: 1/12



NOTE: RECEIVERS NOTED WITH * INDICATE FIELD MEASUREMENT LOCATION

MAP BASE: VILLAGE OF COLONIE AND TOWN OF COLONIE GIS DEPARTMENTS

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RECEIVER LOCATION PLAN

INTERSTATE 87 (I-87) EXIT 3 / 4 ACCESS IMPROVEMENTS

FIGURE 3

DATE: 1/12

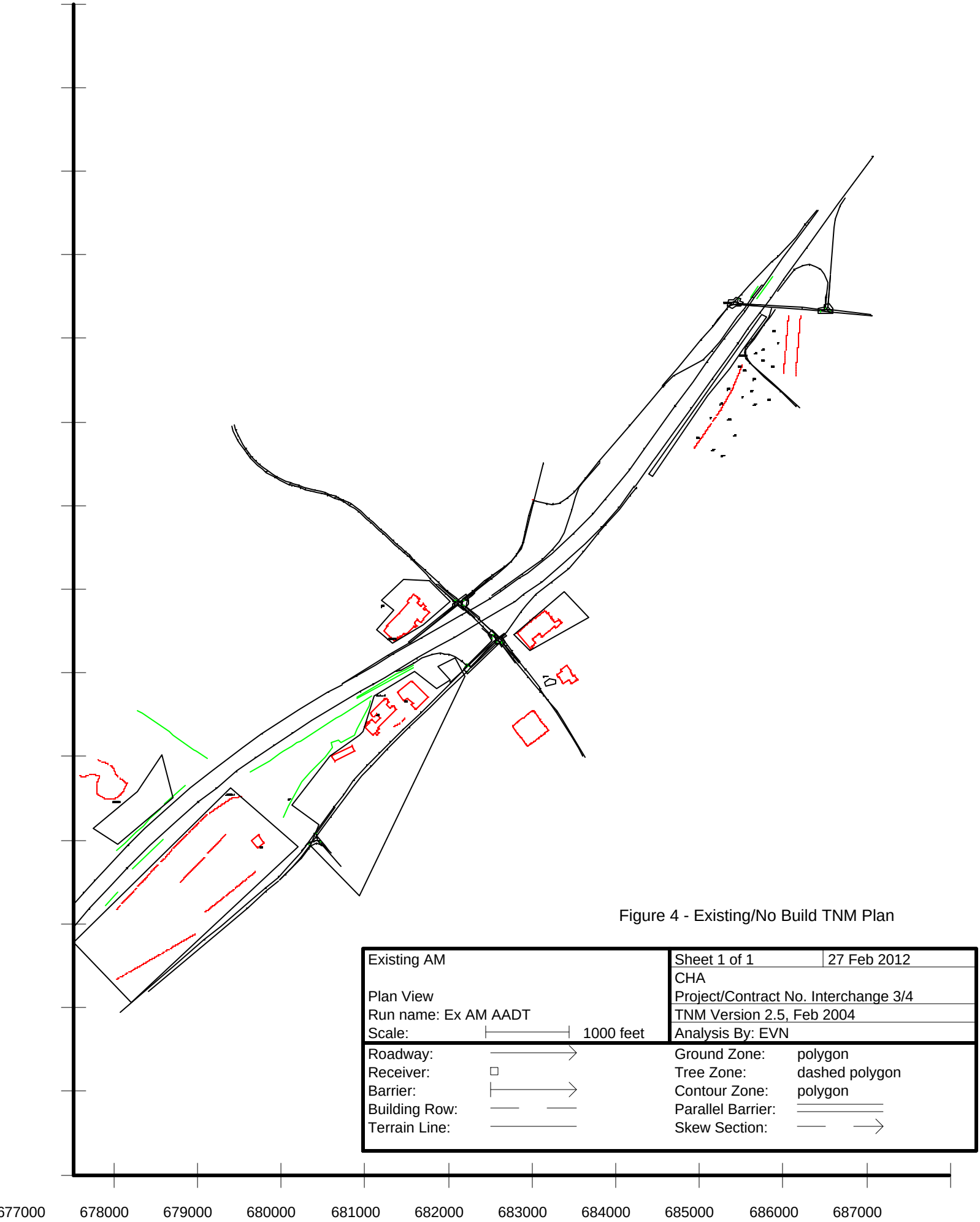

Figure 4 - Existing/No Build TNM Plan

Existing AM		Sheet 1 of 1	27 Feb 2012
		CHA	
Plan View		Project/Contract No. Interchange 3/4	
Run name: Ex AM AADT		TNM Version 2.5, Feb 2004	
Scale:	1000 feet	Analysis By: EVN	
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

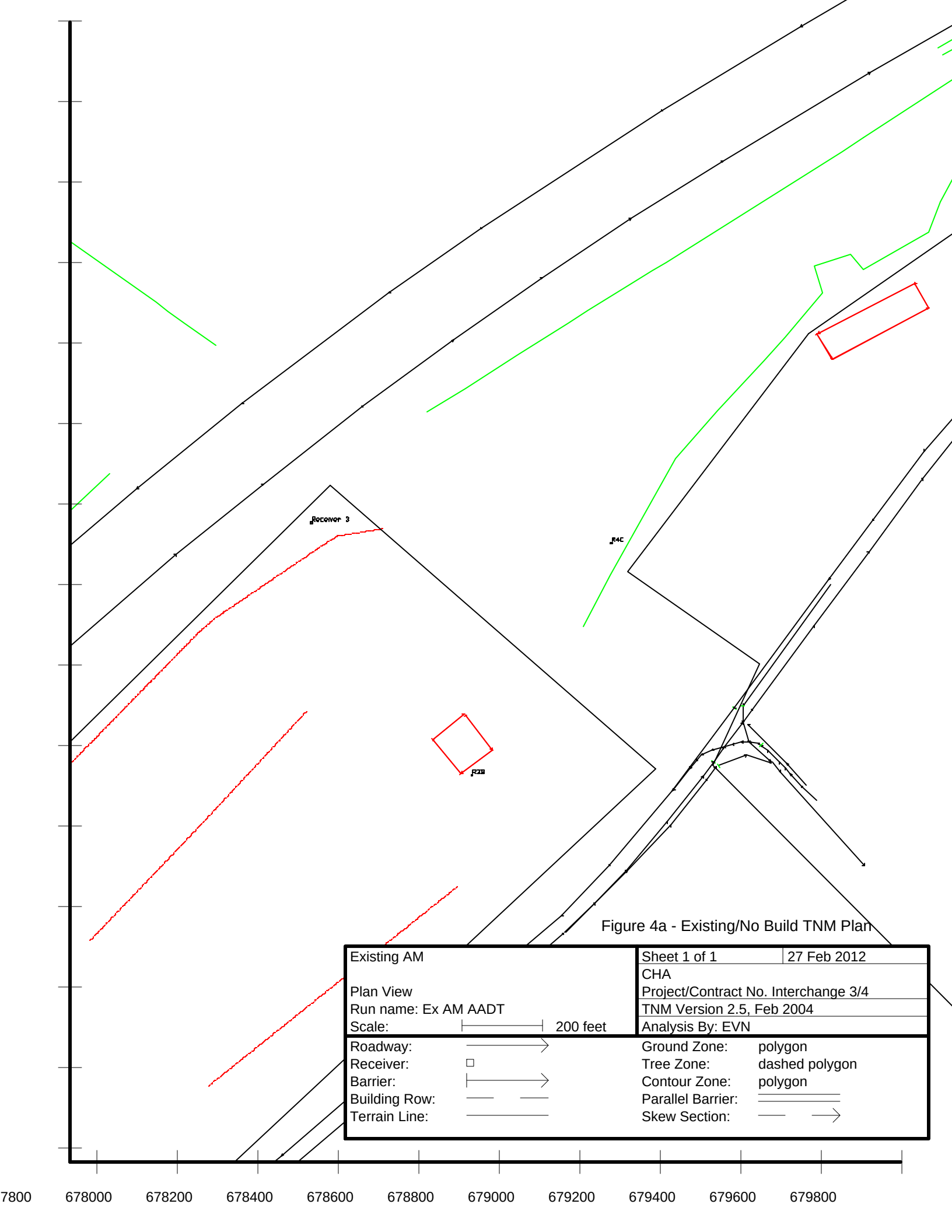

Figure 4a - Existing/No Build TNM Plan

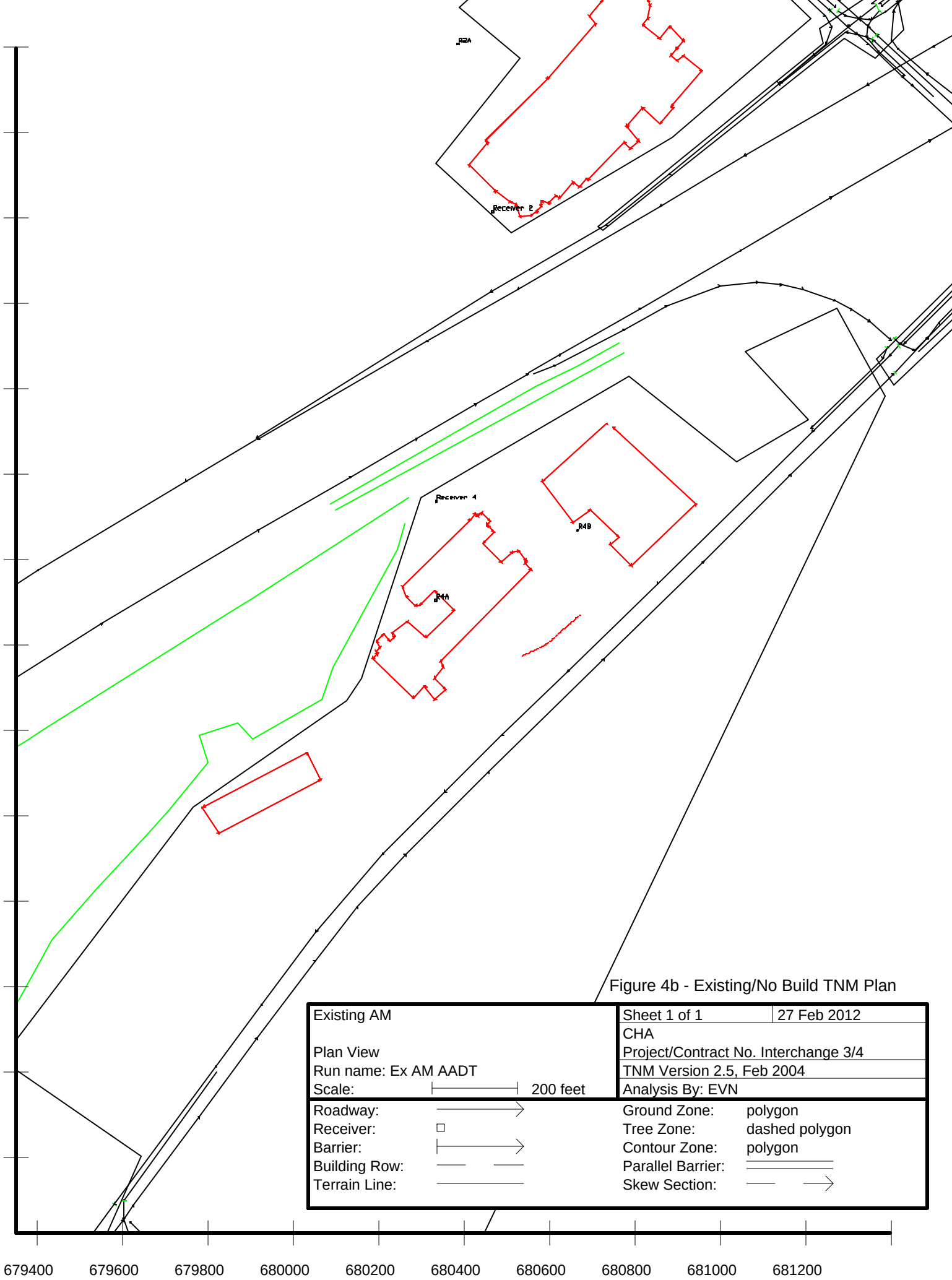

Figure 4b - Existing/No Build TNM Plan

Existing AM	Sheet 1 of 1 — 27 Feb 2012
	CHA
Plan View	Project/Contract No. Interchange 3/4
Run name: Ex AM AADT	TNM Version 2.5, Feb 2004
Scale: 200 feet	Analysis By: EVN

Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

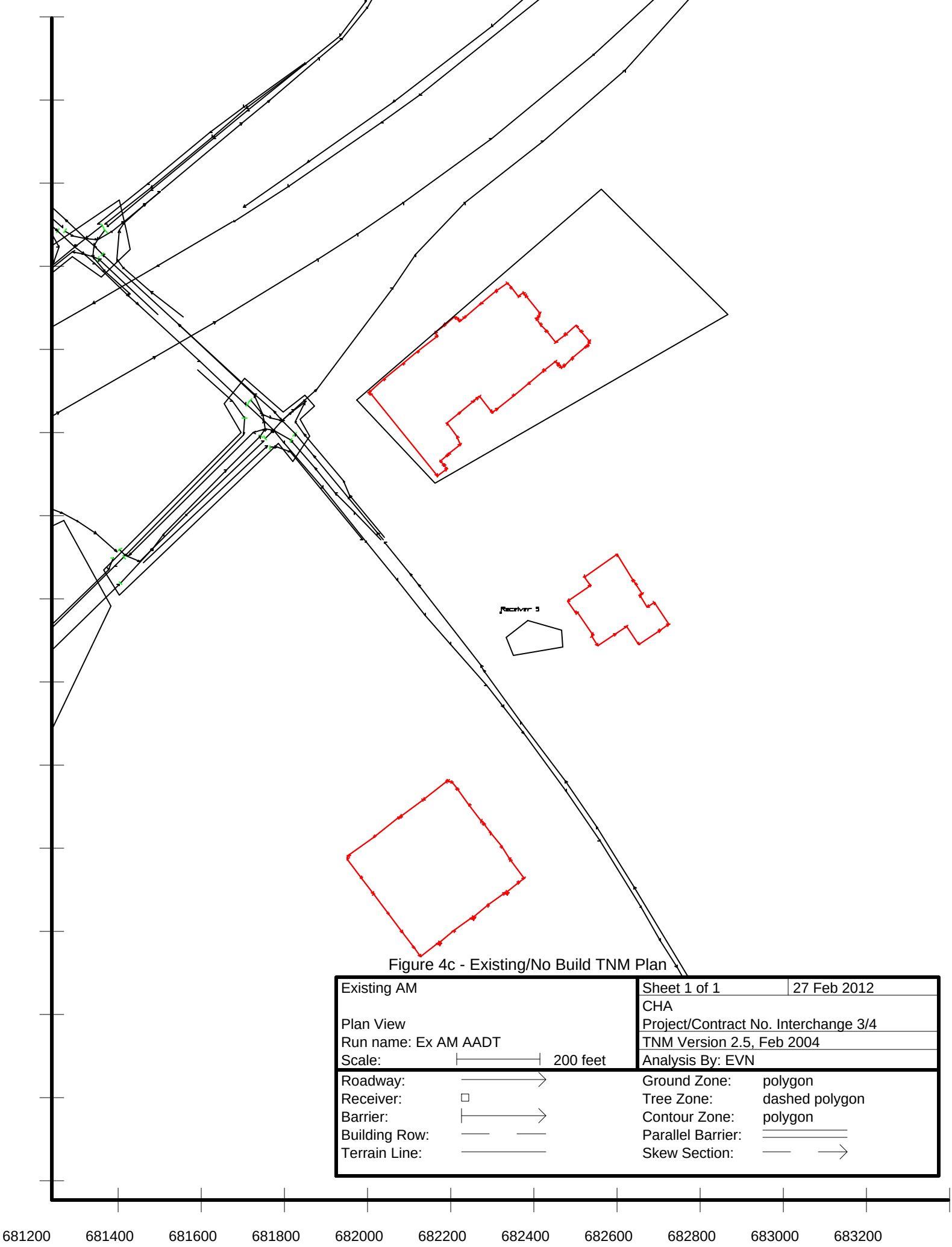

Figure 4c - Existing/No Build TNM Plan

Existing AM	Sheet 1 of 1 — 27 Feb 2012
	CHA
Plan View	Project/Contract No. Interchange 3/4
Run name: Ex AM AADT	TNM Version 2.5, Feb 2004
Scale: 200 feet	Analysis By: EVN

Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

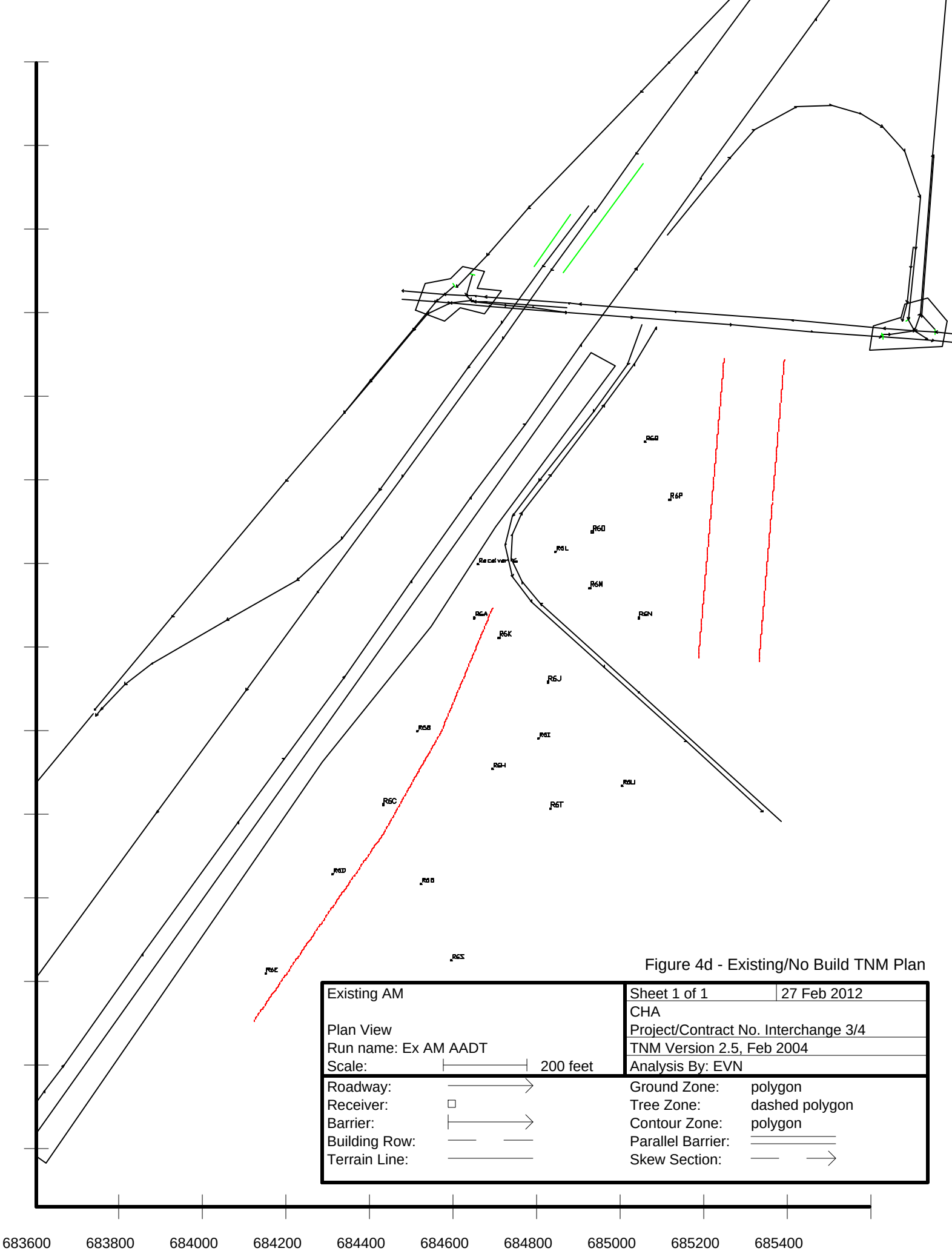

Figure 4d - Existing/No Build TNM Plan

Existing AM	Sheet 1 of 1	27 Feb 2012
	CHA	
Plan View	Project/Contract No. Interchange 3/4	
Run name: Ex AM AADT	TNM Version 2.5, Feb 2004	
Scale: 200 feet	Analysis By: EVN	

Roadway:		Ground Zone:	polygon
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Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

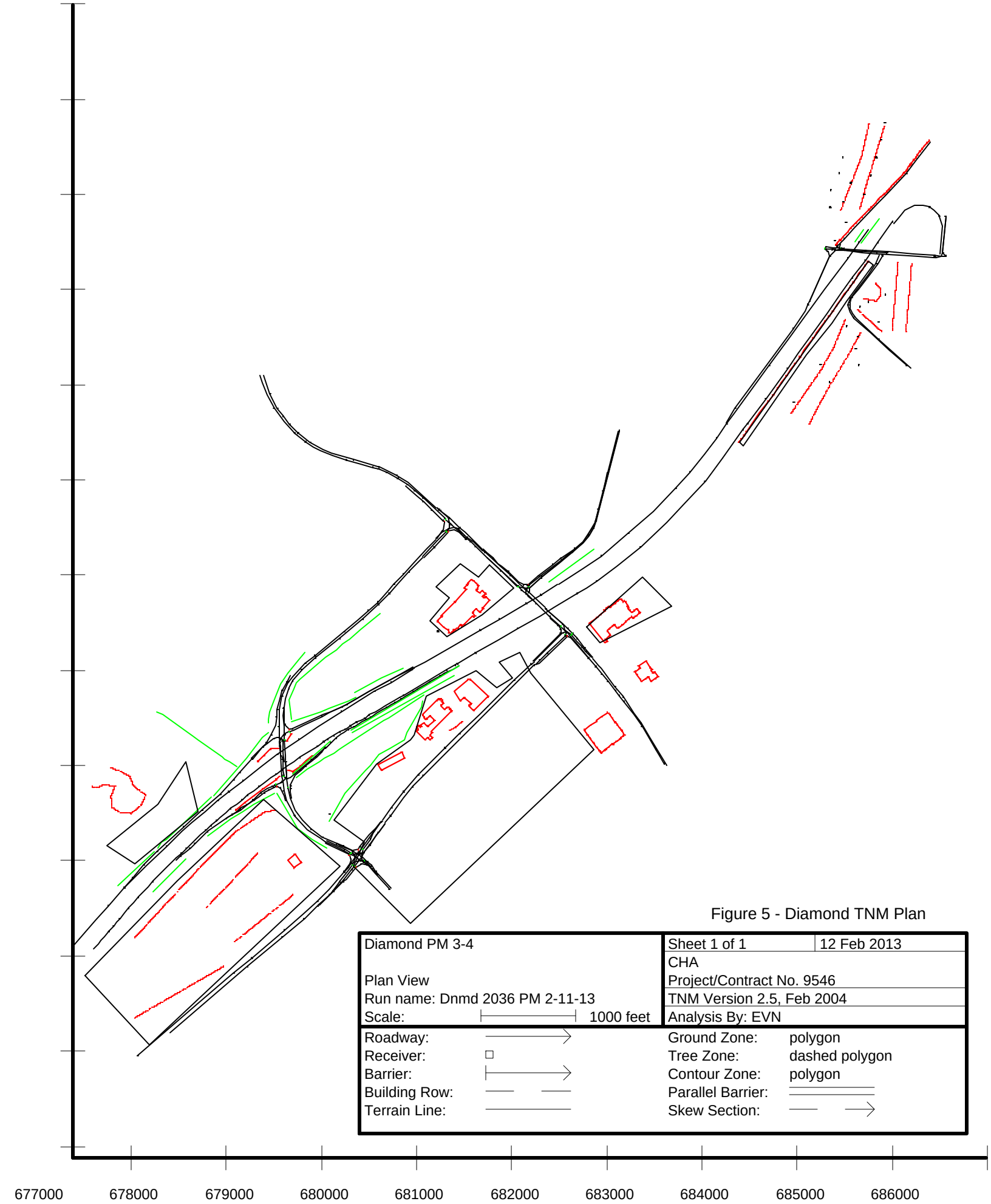

Figure 5 - Diamond TNM Plan

Diamond PM 3-4	Sheet 1 of 1 / 12 Feb 2013
	CHA
Plan View	Project/Contract No. 9546
Run name: Dnmd 2036 PM 2-11-13	TNM Version 2.5, Feb 2004
Scale: 1000 feet	Analysis By: EVN

Roadway:		Ground Zone:	polygon
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Barrier:		Contour Zone:	polygon
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Terrain Line:		Skew Section:	

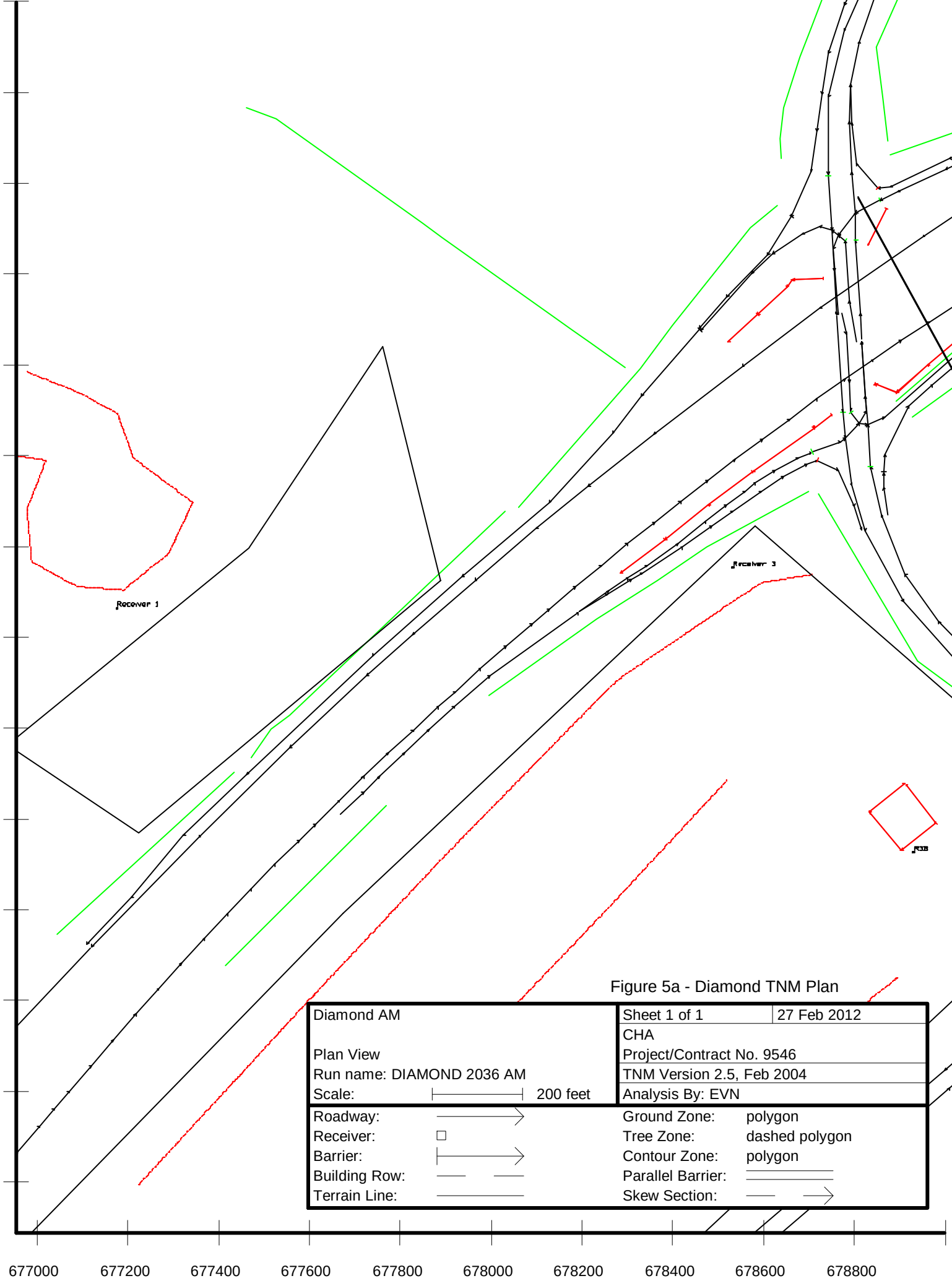

Figure 5a - Diamond TNM Plan

Diamond AM	Sheet 1 of 1 — 27 Feb 2012
	CHA
Plan View	Project/Contract No. 9546
Run name: DIAMOND 2036 AM	TNM Version 2.5, Feb 2004
Scale: 200 feet	Analysis By: EVN

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Terrain Line:		Skew Section:	

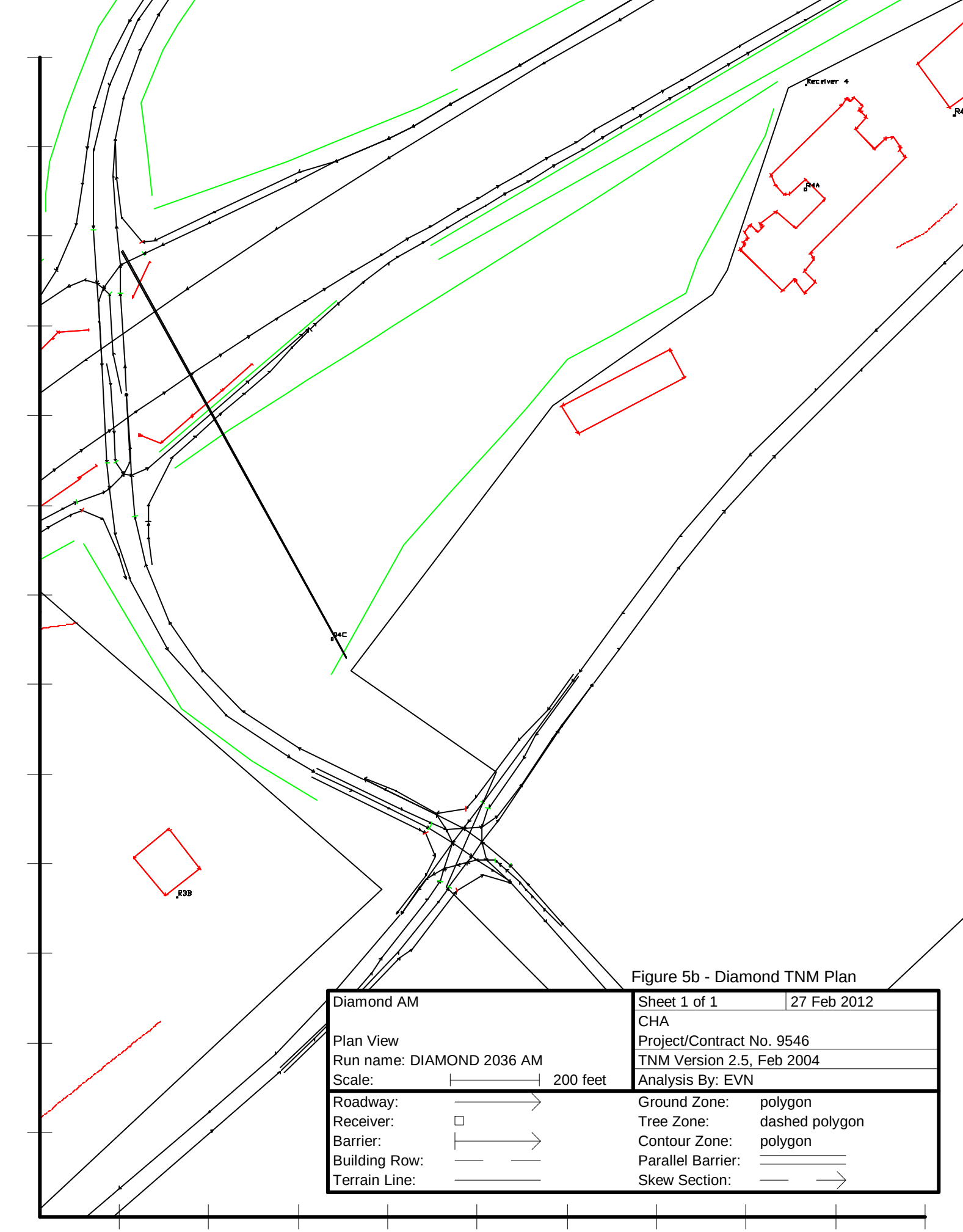

Figure 5b - Diamond TNM Plan

Diamond AM	Sheet 1 of 1	27 Feb 2012
	CHA	
Plan View	Project/Contract No. 9546	
Run name: DIAMOND 2036 AM	TNM Version 2.5, Feb 2004	
Scale: 200 feet	Analysis By: EVN	

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Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

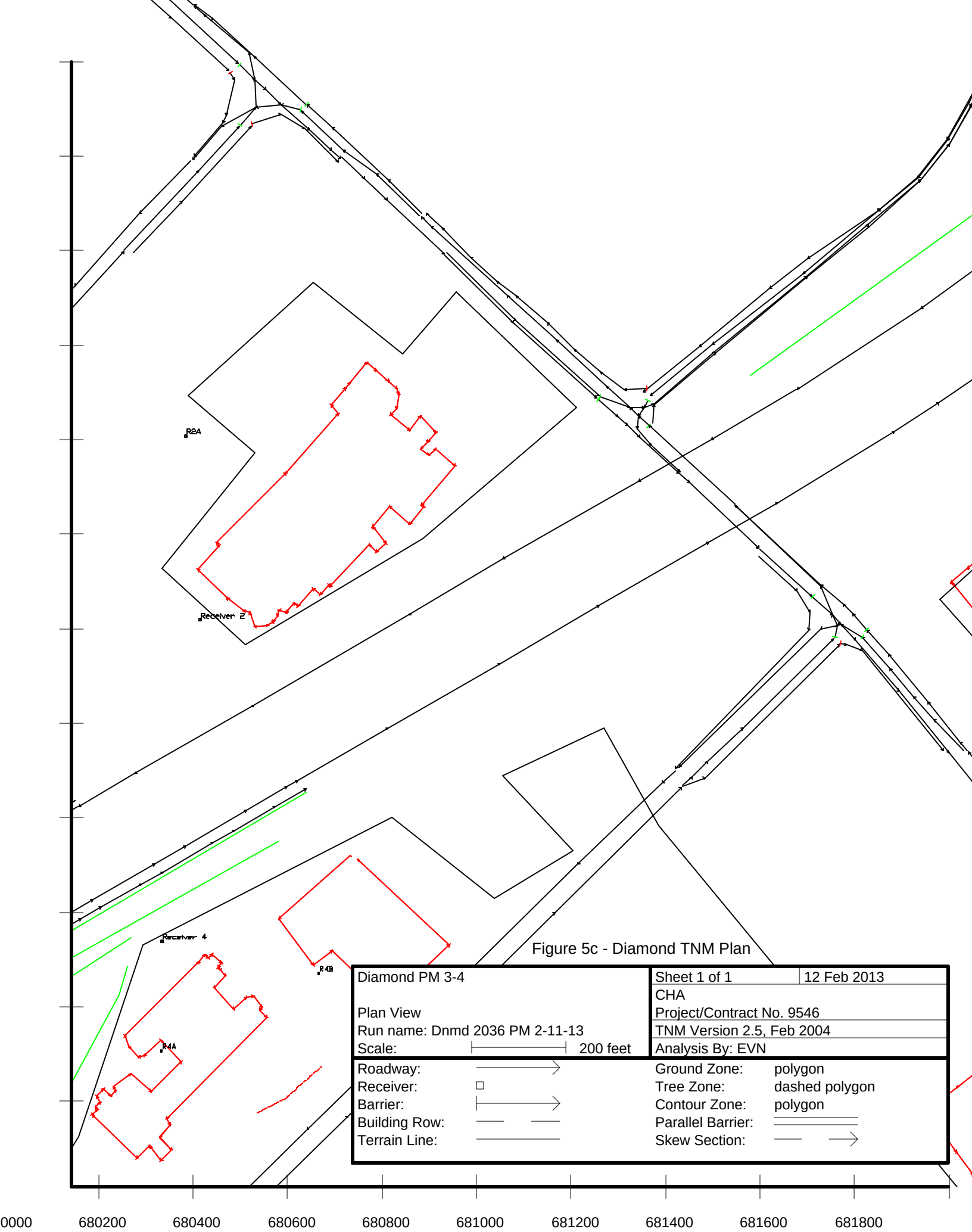

Figure 5c - Diamond TNM Plan

Diamond PM 3-4	Sheet 1 of 1 | 12 Feb 2013
	CHA
Plan View	Project/Contract No. 9546
Run name: Dnmd 2036 PM 2-11-13	TNM Version 2.5, Feb 2004
Scale: 200 feet	Analysis By: EVN

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Terrain Line:		Skew Section:	

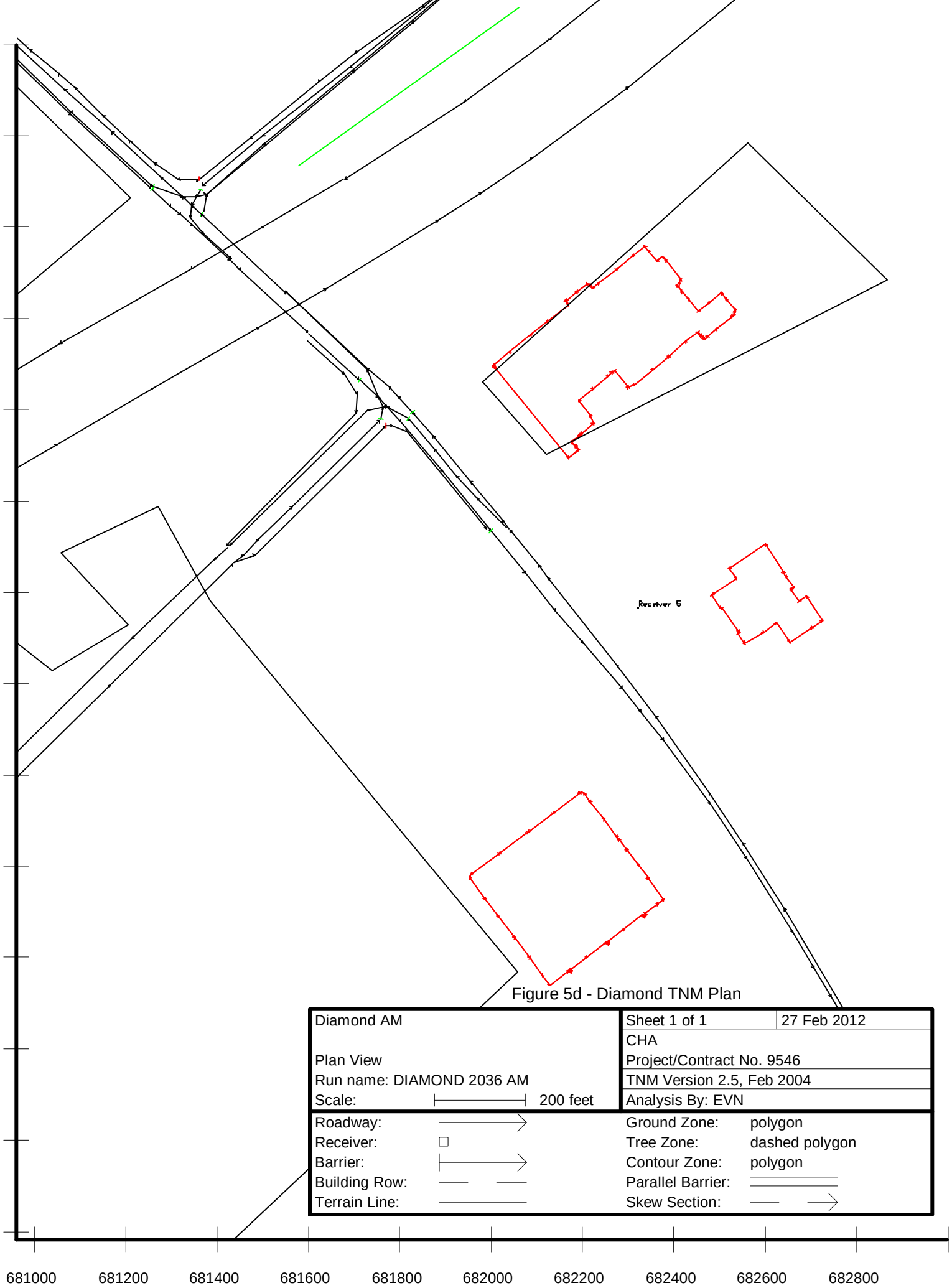

Figure 5d - Diamond TNM Plan

Diamond AM		Sheet 1 of 1	27 Feb 2012
		CHA	
Plan View		Project/Contract No. 9546	
Run name: DIAMOND 2036 AM		TNM Version 2.5, Feb 2004	
Scale:	200 feet	Analysis By: EVN	

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Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

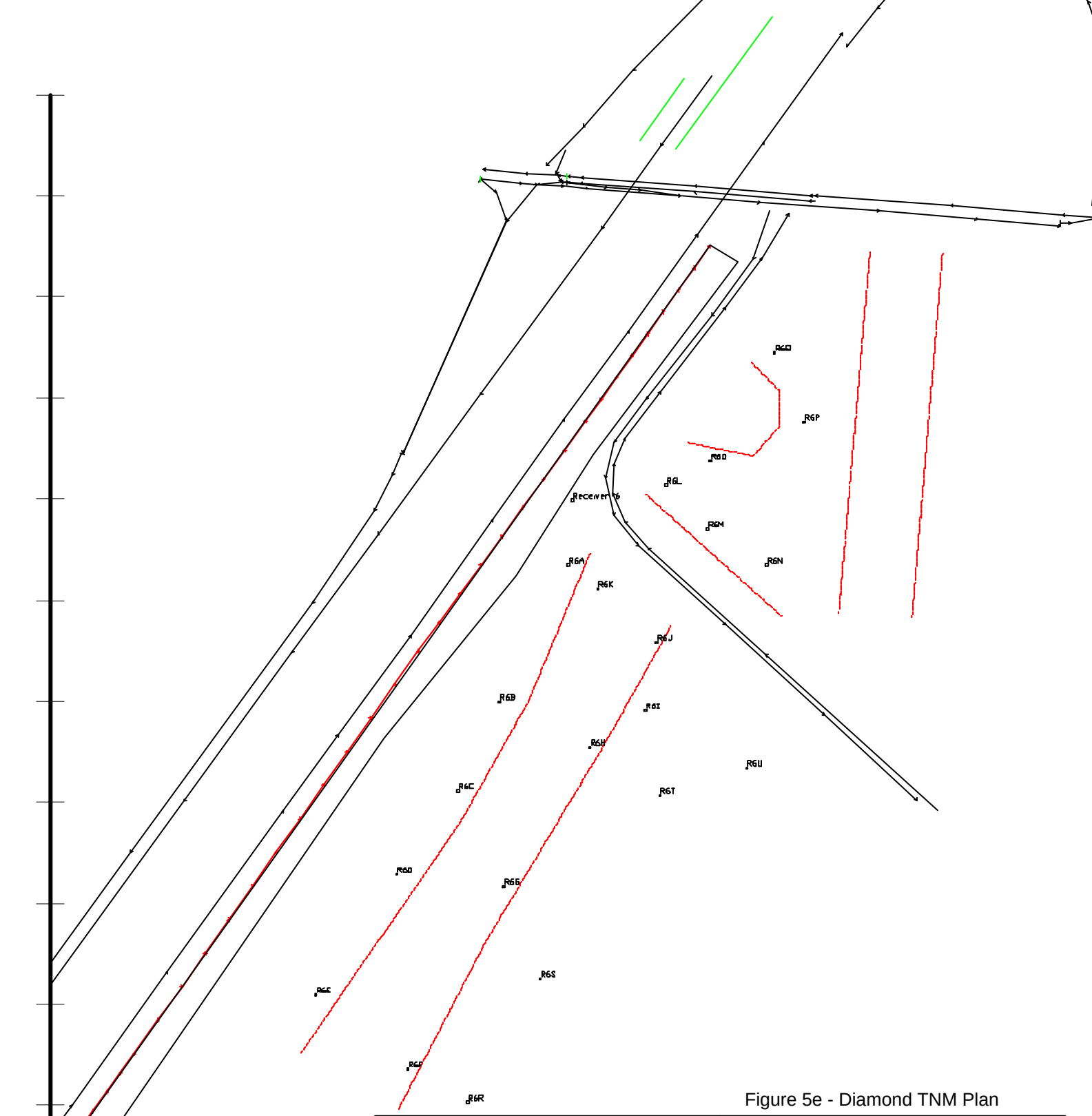

Figure 5e - Diamond TNM Plan

Diamond AM	Sheet 1 of 1	27 Feb 2012
	CHA	
Plan View	Project/Contract No. 9546	
Run name: DIAMOND 2036 AM	TNM Version 2.5, Feb 2004	
Scale: 200 feet	Analysis By: EVN	

Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

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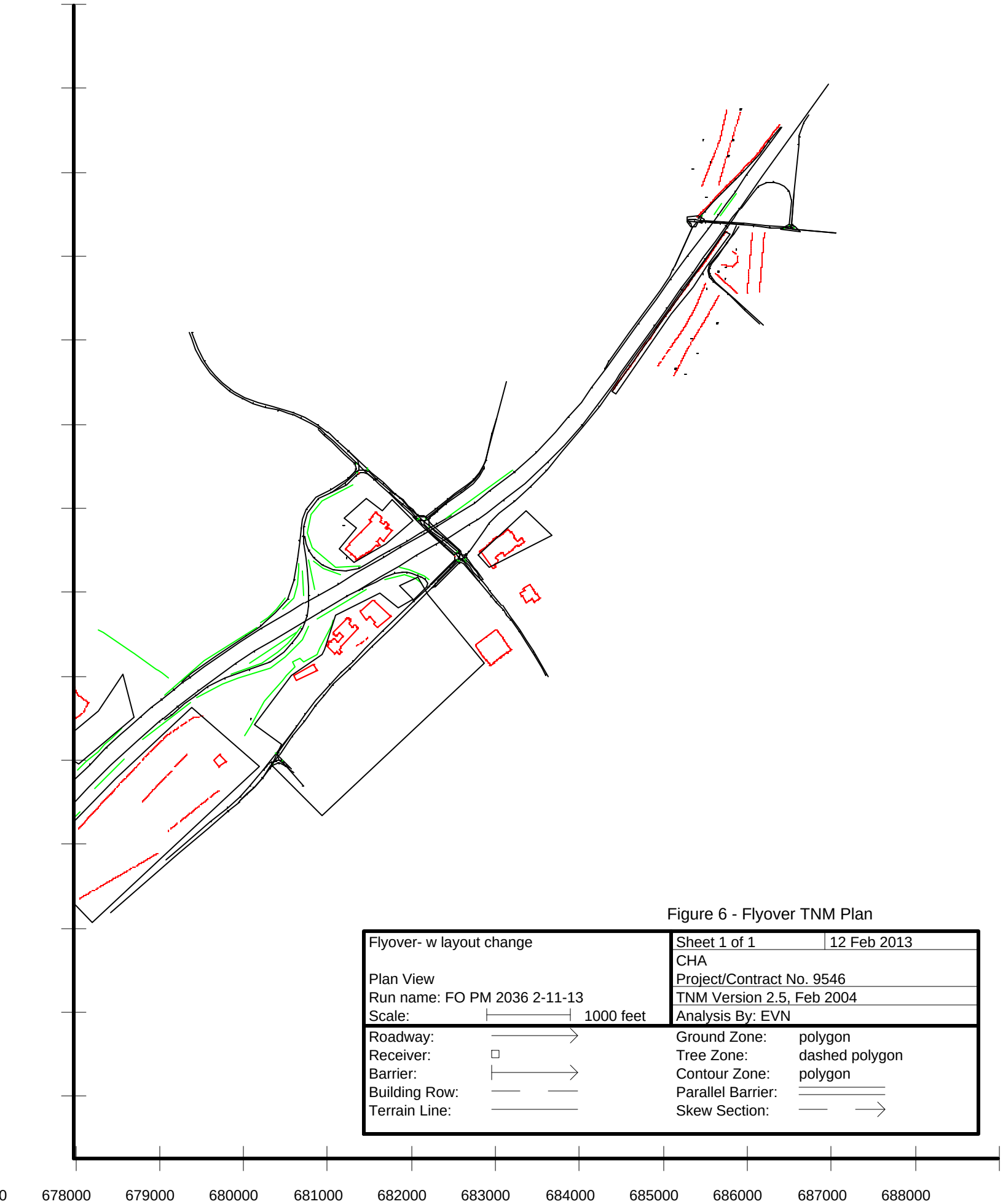

Figure 6 - Flyover TNM Plan

Flyover- w layout change		Sheet 1 of 1	12 Feb 2013
		CHA	
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Terrain Line:		Skew Section:	

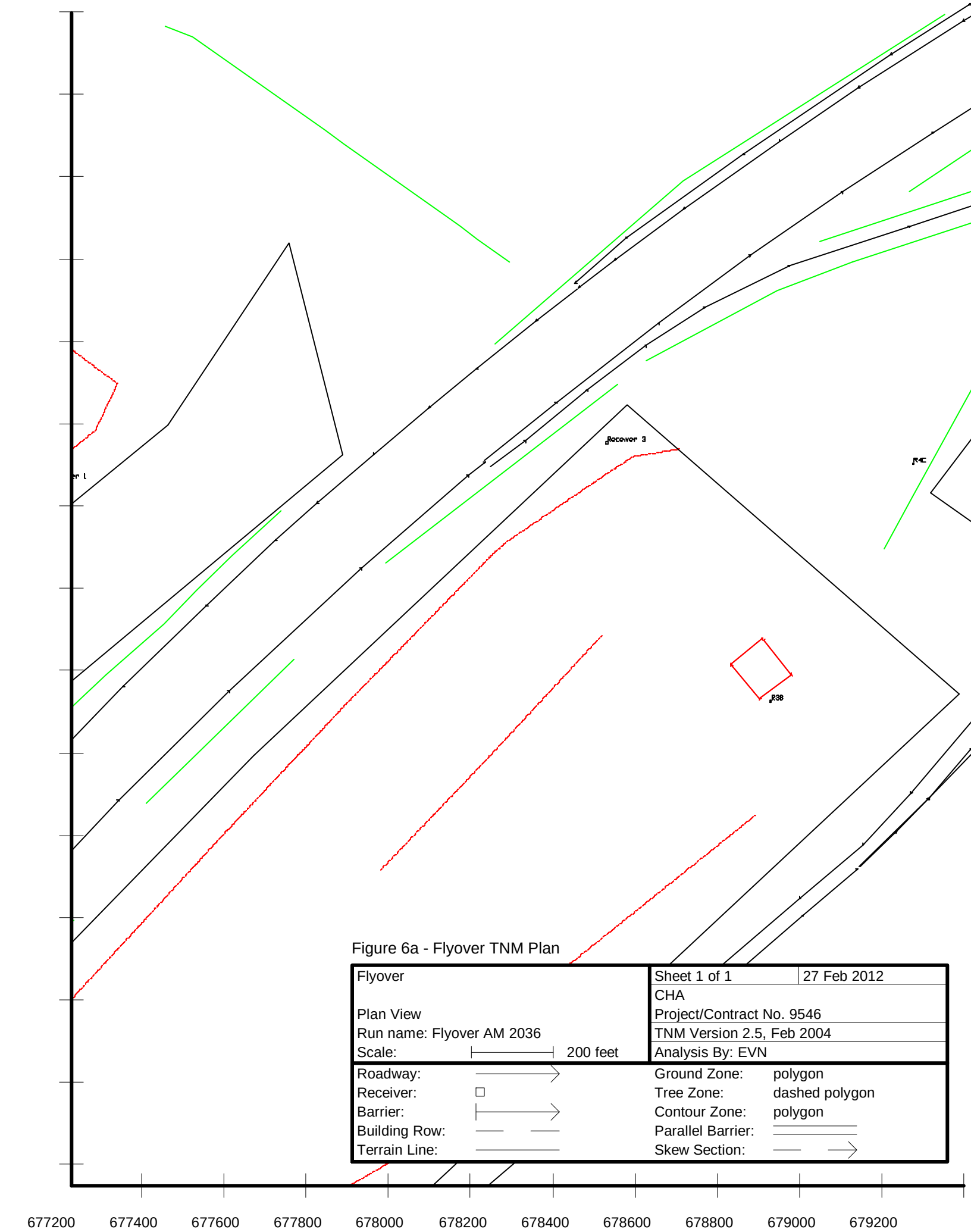


Figure 6a - Flyover TNM Plan

Flyover		Sheet 1 of 1	27 Feb 2012
		CHA	
Plan View		Project/Contract No. 9546	
Run name: Flyover AM 2036		TNM Version 2.5, Feb 2004	
Scale:	200 feet	Analysis By: EVN	
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

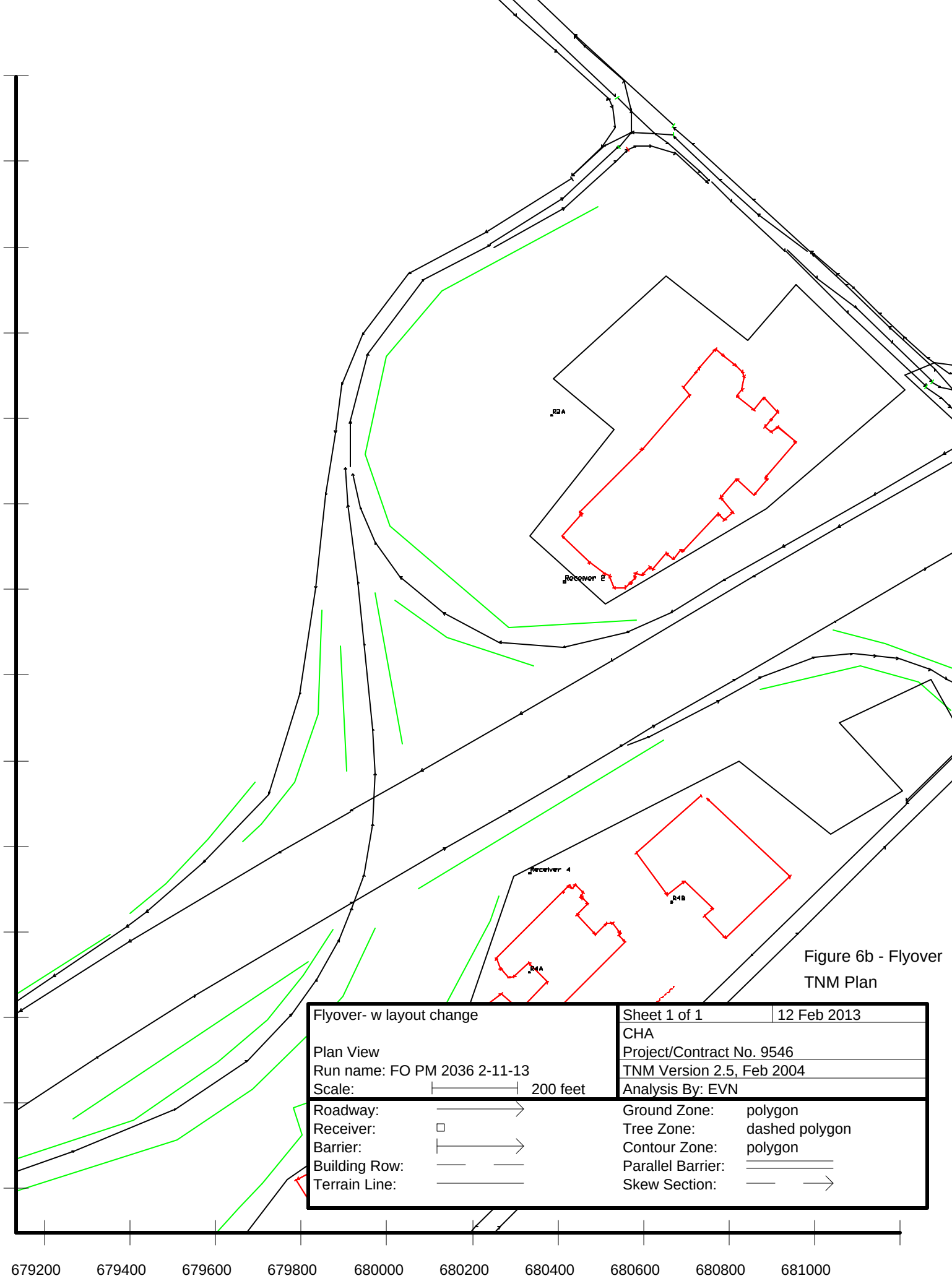


Figure 6b - Flyover
TNM Plan

Flyover- w layout change	Sheet 1 of 1 / 12 Feb 2013
Plan View	CHA
Run name: FO PM 2036 2-11-13	Project/Contract No. 9546
Scale: 200 feet	TNM Version 2.5, Feb 2004
	Analysis By: EVN

Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

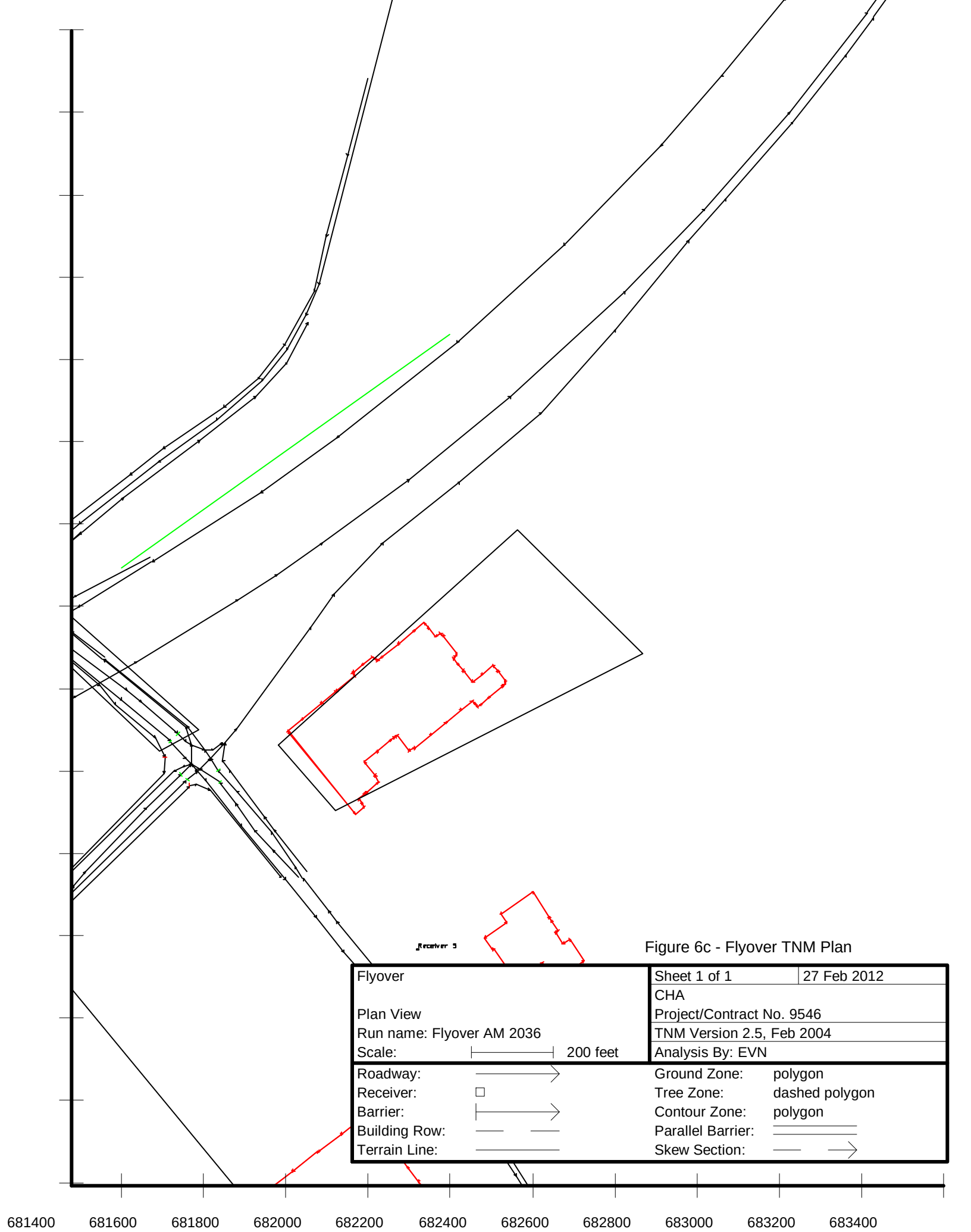


Figure 6c - Flyover TNM Plan

Flyover		Sheet 1 of 1	27 Feb 2012
		CHA	
Plan View		Project/Contract No. 9546	
Run name: Flyover AM 2036		TNM Version 2.5, Feb 2004	
Scale:	200 feet	Analysis By: EVN	

Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

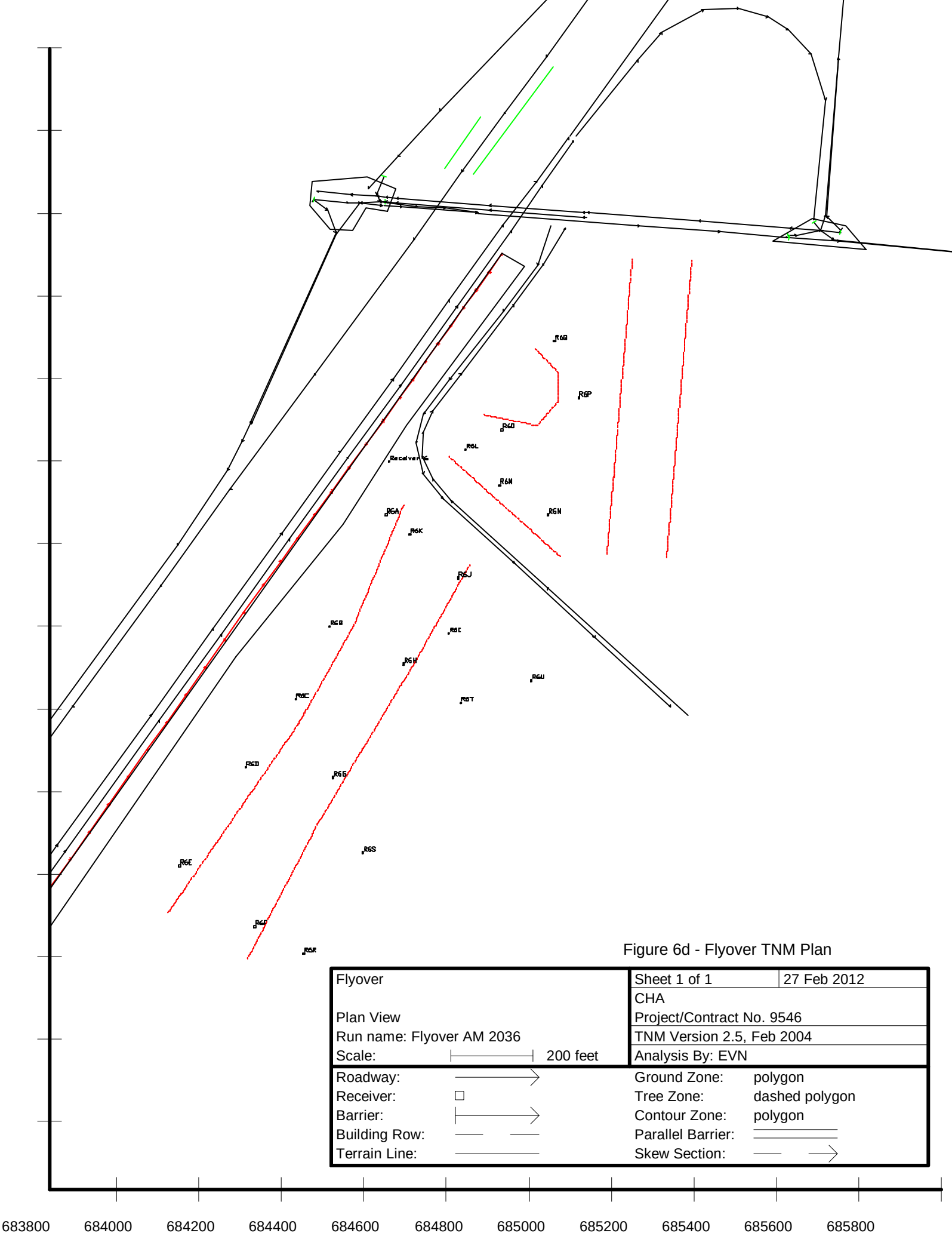
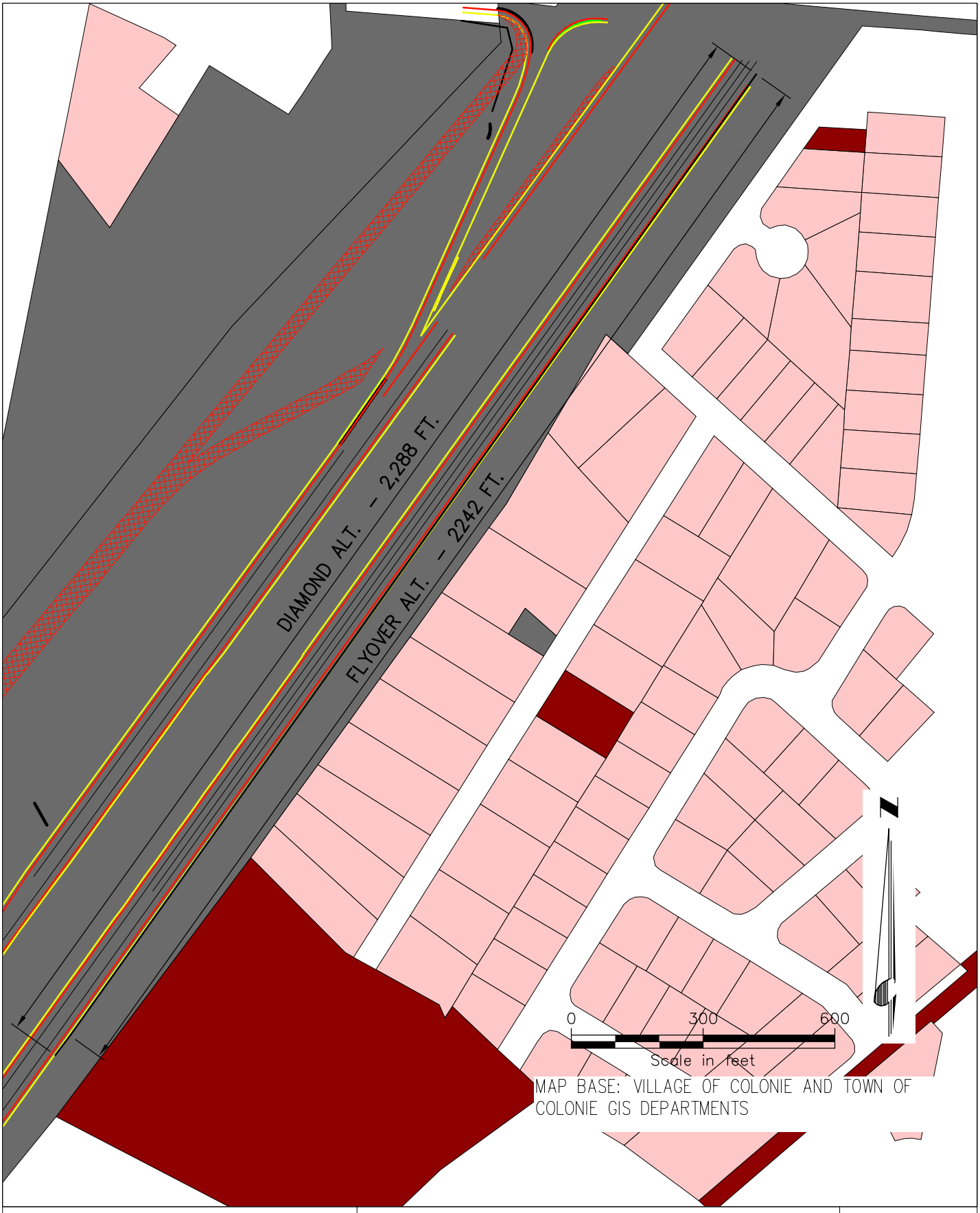


Figure 6d - Flyover TNM Plan

Flyover		Sheet 1 of 1	27 Feb 2012
		CHA	
Plan View		Project/Contract No. 9546	
Run name: Flyover AM 2036		TNM Version 2.5, Feb 2004	
Scale:	200 feet	Analysis By: EVN	
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	



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CHA
III Winners Circle, PO Box 5269 • Albany, NY 12205-0269
Main: (518) 453-4500 • www.chacompanies.com

PROPOSED
BARRIER
LOCATION PLAN

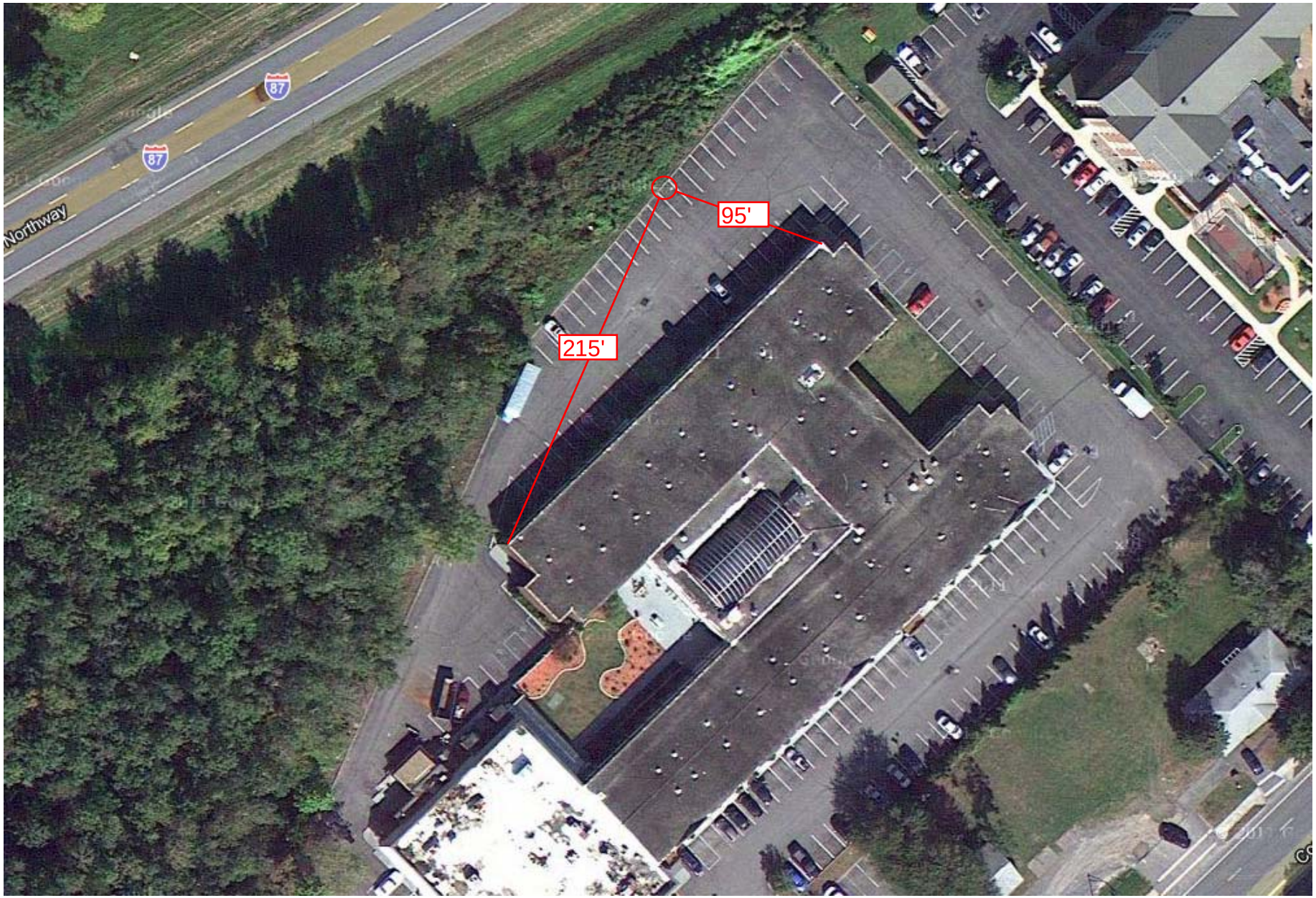
INTERSTATE 87 (I-87) EXIT 3 / 4
ACCESS IMPROVEMENTS

FIGURE

7

DATE: 1/12

Attachment I. Measurement Data


87
87
Northway
95'
215'

PROJECT NAME: Exit 3/4

PROJECT NUMBER: 9456

MEASUREMENT BY: JMK

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU

METROLOGGER DATA SHEET

TIME INTERVAL	L_{max}	L_{eq} or L_{av}	COMMENTS / INDIVIDUALLY IDENTIFIED NOISE SOURCES
5	81	72	
10	81	72	
15	81	72	

Battery Voltage Check		Calibration		Noise Meter	
Initial	Volts	Initial:	114	Serial	
Final	Volts	Final:	114	No.	

Manufacturer: Quest

Model #: Noise PRO

ANSII Type: I or II

Meter Source: Rented From/Owned By

Meter Response Rate: Fast or Slow (Circle one)

MONTH	DAY	YEAR	COVER SHEET NUMBER
12	14	11	

NYSDOT P.I.N.

Area Between Roadway and Receptor
(Circle one or identify varying conditions in Sketch)

HARD - ASPHALT, CONCRETE, PACKED DIRT, BODY OF WATER, CRUSTED SNOW COVER

SOFT - LOOSE, GRANULAR, SANDY SOILS VEGETATIVE COVER, POWDER SNOW, BRUSH, LAWN, GRASS

% REL. HUMIDITY	TEMP. (F)	PRECIP	WIND (MPH)
075	37.8	YES NO	03

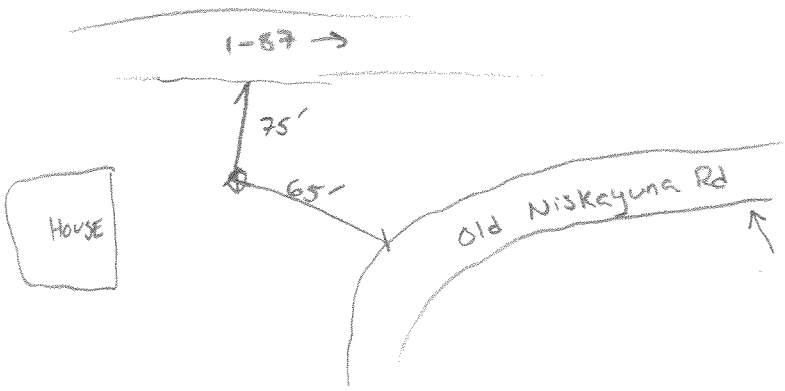
START (24 HR. CLOCK)	L_{max}	L_{eq} or L_{av}
16 : 10	81.4	71.9

FINISH (24 HR. CLOCK)	L___
16 : 25	

SKETCH OF RECEPTOR SITE WITH LANDMARKS CLEARLY IDENTIFIED and DIMENSIONED

POINT ID: MP6 PM

⊗ = MEASUREMENT LOCATION



2 way vol.

Int	
5	48 veh
10	39 veh
15	56 veh

All Pass. Cars

PROJECT NAME: Exit 3/4

PROJECT NUMBER: 94560

MEASUREMENT BY: JMK

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU

METROLOGGER DATA SHEET

TIME INTERVAL	L_{max}	L_{eq} or L_{av}	COMMENTS / INDIVIDUALLY IDENTIFIED NOISE SOURCES
5	81	75	
10	81	75	
15	81	75	

Battery Voltage Check		Calibration		Noise Meter	
Initial	Volts	Initial:	114	Serial	
Final	Volts	Final:	114	No.	

Manufacturer

Model #

ANSII Type I or II

Meter Source: Rented From/Owned By

Meter Response Rate Fast or Slow (Circle one)

MONTH 12 / DAY 14 / YEAR 11

COVER SHEET NUMBER

NYSDOT P.I.N.

Area Between Roadway and Receptor
(Circle one or identify varying conditions in Sketch)

HARD - ASPHALT, CONCRETE, PACKED DIRT, BODY OF WATER, CRUSTED SNOW COVER

SOFT - LOOSE, GRANULAR, SANDY SOILS VEGETATIVE COVER, POWDER SNOW, BRUSH, LAWN, GRASS

% REL. HUMIDITY: 61

TEMP. (F): 43.6

PRECIP: YES / NO (NO circled)

WIND (MPH): 03

START (24 HR. CLOCK): 15 : 45

L_{max}: 80.8

L_{eq} or L_{av}: 74.8

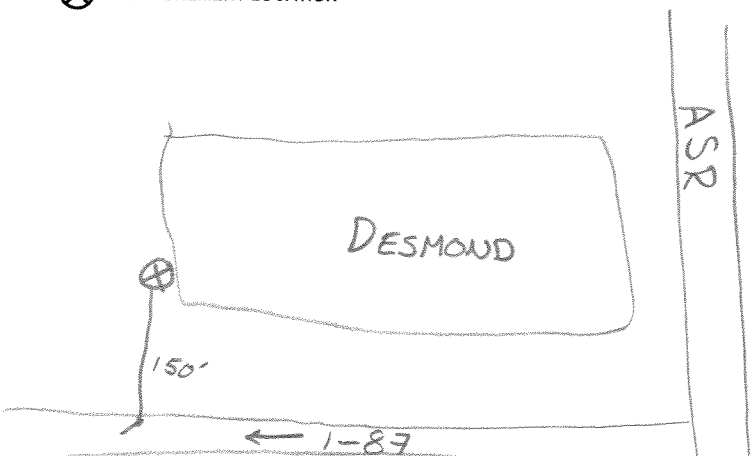
FINISH (24 HR. CLOCK): 16 : 00

L___

SKETCH OF RECEPTOR SITE WITH LANDMARKS CLEARLY IDENTIFIED and DIMENSIONED

POINT ID: MD2 PM

⊗ = MEASUREMENT LOCATION



PROJECT NAME: Exit 3/4

PROJECT NUMBER: 94566

MEASUREMENT BY: JMK

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU

METROLOGGER DATA SHEET

TIME INTERVAL	L_{max}	L_{eq} or L_{av}	COMMENTS / INDIVIDUALLY IDENTIFIED NOISE SOURCES
5	64	62	
10	66	62	Airplane
15	66	62	Airplane

Battery Voltage Check		Calibration		Noise Meter	
Initial	Volts	Initial:	114	Serial	
Final	Volts	Final:	114	No.	

Manufacturer: Quest

Model #: Noise Pro

ANSII Type: I or II

Meter Source: Rented From/Owned By

Meter Response Rate: Fast or Slow (Circle one)

MONTH	DAY	YEAR	COVER SHEET NUMBER
12	14	11	

NYSDOT P.I.N.

Area Between Roadway and Receptor
(Circle one or identify varying conditions in Sketch)

HARD - ASPHALT, CONCRETE, PACKED DIRT, BODY OF WATER, CRUSTED SNOW COVER

SOFT - LOOSE, GRANULAR, SANDY SOILS VEGETATIVE COVER, POWDER SNOW, BRUSH, LAWN, GRASS

% REL. HUMIDITY	TEMP. (F)	PRECIP	WIND (MPH)
63	38.6	YES / NO (NO circled)	04

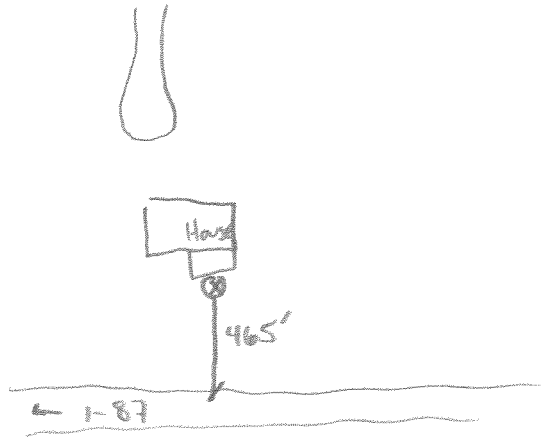
START (24 HR. CLOCK)	L_{max}	L_{eq} or L_{av}
08 : 40	66.4	61.7

FINISH (24 HR. CLOCK)	L___
08 : 55	.

SKETCH OF RECEPTOR SITE WITH LANDMARKS CLEARLY IDENTIFIED and DIMENSIONED

POINT ID: MD1 AM

⊗ = MEASUREMENT LOCATION



PROJECT NAME: Exit 3/4

PROJECT NUMBER: 9456

MEASUREMENT BY: JMK

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU

METROLOGGER DATA SHEET

TIME INTERVAL	L_{max}	L_{eq} or L_{av}	COMMENTS / INDIVIDUALLY IDENTIFIED NOISE SOURCES
5	66	61	Plane
10	66	61	
15	66	61	Plane

Battery Voltage Check		Calibration		Noise Meter	
Initial	Volts	Initial:	114	Serial	
Final	Volts	Final:	114	No.	

Manufacturer: Quest

Model #: Noise Pro

ANSII Type: I or II

Meter Response Rate: Fast or Slow (Circle one)

Meter Source: Rented From/Owned By

MONTH 12 / DAY 13 / YEAR 11

COVER SHEET NUMBER

NYSDOT P.I.N.

Area Between Roadway and Receptor
(Circle one or identify varying conditions in Sketch)

HARD - ASPHALT, CONCRETE, PACKED DIRT, BODY OF WATER, CRUSTED SNOW COVER

SOFT - LOOSE, GRANULAR, SANDY SOILS VEGETATIVE COVER, POWDER SNOW, BRUSH, LAWN, GRASS

% REL. HUMIDITY: 066

TEMP. (F): 37.0

PRECIP: YES / NO

WIND (MPH): 03

START (24 HR. CLOCK): 16:00

FINISH (24 HR. CLOCK): 16:15

L_{max}: 66.0

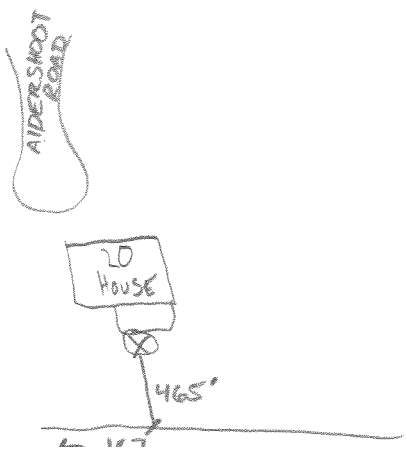
L_{eq} or L_{av}: 66.8

L___: ___.___

SKETCH OF RECEPTOR SITE WITH LANDMARKS CLEARLY IDENTIFIED and DIMENSIONED

POINT ID: MP1 PM

⊗ = MEASUREMENT LOCATION



PROJECT NAME: Exit 3/4

PROJECT NUMBER: 9456

MEASUREMENT BY: JMK

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU

METROLOGGER DATA SHEET

TIME INTERVAL	L_{max}	L_{eq} or L_{av}	COMMENTS / INDIVIDUALLY IDENTIFIED NOISE SOURCES
5	75	72	Plane
10	75	72	Plane
15	76	72	Plane

Battery Voltage Check		Calibration		Noise Meter	
Initial	Volts	Initial:		Serial	
Final	Volts	Final:		No.	

Manufacturer

Model #

ANSII Type I or II

Meter Source: Rented From/Owned By

Meter Response Rate Fast or Slow
(Circle one)

MONTH 12 / DAY 13 / YEAR 11

COVER SHEET NUMBER

NYSDOT P.I.N.

Area Between Roadway and Receptor
(Circle one or identify varying conditions in Sketch)

HARD - ASPHALT, CONCRETE, PACKED DIRT, BODY OF WATER, CRUSTED SNOW COVER

SOFT - LOOSE, GRANULAR, SANDY SOILS VEGETATIVE COVER, POWDER SNOW, BRUSH, LAWN, GRASS

% REL. HUMIDITY: 055

TEMP. (F): 40.6

PRECIP: YES / NO (NO circled)

WIND (MPH): 02

START (24 HR. CLOCK): 15:35

FINISH (24 HR. CLOCK): 15:50

L_{max}: 75.6

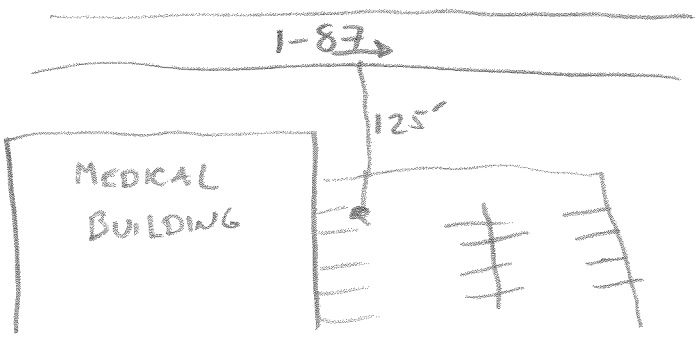
L_{eq} or L_{av}: 72.1

L__:

SKETCH OF RECEPTOR SITE WITH LANDMARKS CLEARLY IDENTIFIED and DIMENSIONED

POINT ID: MP3 PM

⊗ = MEASUREMENT LOCATION



PROJECT NAME: Exit 3/4

PROJECT NUMBER: 9456

MEASUREMENT BY: JMK

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU

METROLOGGER DATA SHEET

TIME INTERVAL	L_{max}	L_{eq} or L_{av}	COMMENTS / INDIVIDUALLY IDENTIFIED NOISE SOURCES
5	76	71	
10	77	71	Plane
15	77	71	

Battery Voltage Check		Calibration		Noise Meter	
Initial	Volts	Initial:	114	Serial	
Final	Volts	Final:	114	No.	

Manufacturer: Quest

Model #: Noise Pro

ANSII Type: I or II

Meter Source: Rented From/Owned By

Meter Response Rate: Fast or Slow (Circle one)

MONTH	DAY	YEAR	COVER SHEET NUMBER
12	14	11	

NYSDOT P.I.N.

Area Between Roadway and Receptor
(Circle one or identify varying conditions in Sketch)

HARD - ASPHALT, CONCRETE, PACKED DIRT, BODY OF WATER, CRUSTED SNOW COVER

SOFT - LOOSE, GRANULAR, SANDY SOILS VEGETATIVE COVER, POWDER SNOW, BRUSH, LAWN, GRASS

% REL. HUMIDITY	TEMP. (F)	PRECIP	WIND (MPH)
60	41.6	YES / NO (NO circled)	06

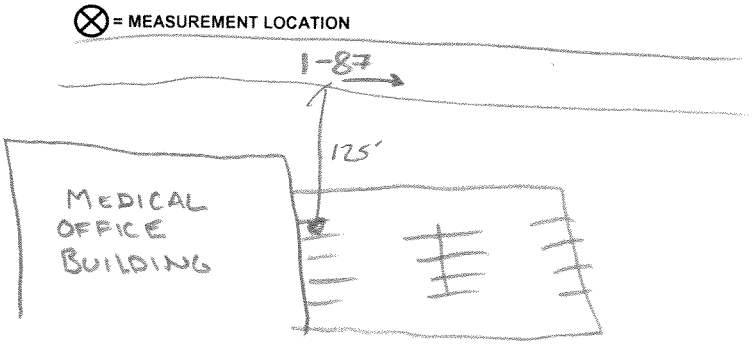
START (24 HR. CLOCK)	L_{max}	L_{eq} or L_{av}
08 : 15	76.9	71.0

FINISH (24 HR. CLOCK)	L__
08 : 30	

SKETCH OF RECEPTOR SITE WITH LANDMARKS CLEARLY IDENTIFIED and DIMENSIONED

POINT ID: MP3 AM

⊗ = MEASUREMENT LOCATION



PROJECT NAME: Exit 3/4

PROJECT NUMBER: 94566

MEASUREMENT BY: JMK

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU

METROLOGGER DATA SHEET

TIME INTERVAL	L_{max}	L_{eq} or L_{av}	COMMENTS / INDIVIDUALLY IDENTIFIED NOISE SOURCES
5	69	63	Airplane
10	69	63	Bus
15	69	63	Bus

Battery Voltage Check		Calibration		Noise Meter	
Initial	Volts	Initial:	114	Serial	
Final	Volts	Final:	114	No.	

Manufacturer: Quest

Model #: Noise Pro

ANSII Type: I or II

Meter Source: Rented From/Owned By: CHA

Meter Response Rate: Fast or Slow (Circle one)

MONTH	DAY	YEAR	COVER SHEET NUMBER
12	13	11	

NYSDOT P.I.N.

Area Between Roadway and Receptor
(Circle one or identify varying conditions in Sketch)

HARD - ASPHALT, CONCRETE, PACKED DIRT, BODY OF WATER, CRUSTED SNOW COVER

SOFT - LOOSE, GRANULAR, SANDY SOILS VEGETATIVE COVER, POWDER SNOW, BRUSH, LAWN, GRASS

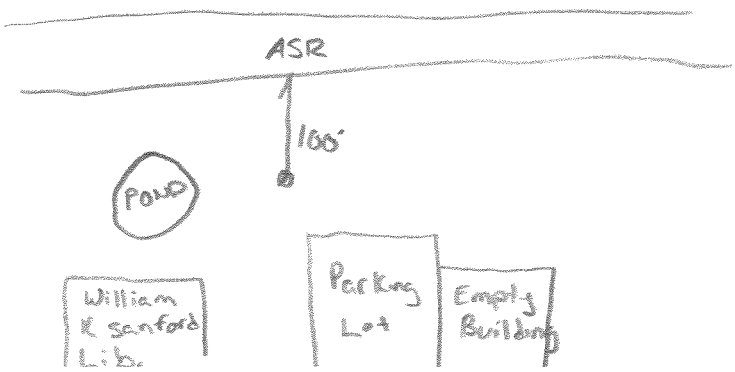
% REL. HUMIDITY	TEMP. (F)	PRECIP	WIND (MPH)
087	25.8	YES / NO	03

START (24 HR. CLOCK)	L_{max}	L_{eq} or L_{av}
08 : 35	68.7	62.7
FINISH (24 HR. CLOCK)		L___
08 : 50		

SKETCH OF RECEPTOR SITE WITH LANDMARKS CLEARLY IDENTIFIED and DIMENSIONED

POINT ID: MP-5 AM

⊗ = MEASUREMENT LOCATION



PROJECT NAME: Exit 3/4 MEASUREMENT BY: JMK

PROJECT NUMBER: 9456

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU

METROLOGGER DATA SHEET

TIME INTERVAL	L_{max}	L_{eq} or L_{av}	COMMENTS / INDIVIDUALLY IDENTIFIED NOISE SOURCES
5	76	63	Loud exhaust, plane
10	76	63	
15	76	62	
20	76	62	

Battery Voltage Check		Calibration		Noise Meter	
Initial	Volts	Initial:	114	Serial	
Final	Volts	Final:	114	No.	

Manufacturer: Quest

Model #:

ANSII Type: I or II

Meter Source: Rented From/Owned By

Meter Response Rate: Fast or Slow (Circle one)

MONTH	DAY	YEAR	COVER SHEET NUMBER
12	20	11	

NYSDOT P.I.N.

Area Between Roadway and Receptor
(Circle one or identify varying conditions in Sketch)

HARD - ASPHALT, CONCRETE, PACKED DIRT, BODY OF WATER, CRUSTED SNOW COVER

SOFT - LOOSE, GRANULAR, SANDY SOILS VEGETATIVE COVER, POWDER SNOW, BRUSH, LAWN, GRASS

% REL. HUMIDITY	TEMP. (F)	PRECIP	WIND (MPH)
37	30.4	YES / NO (NO circled)	02

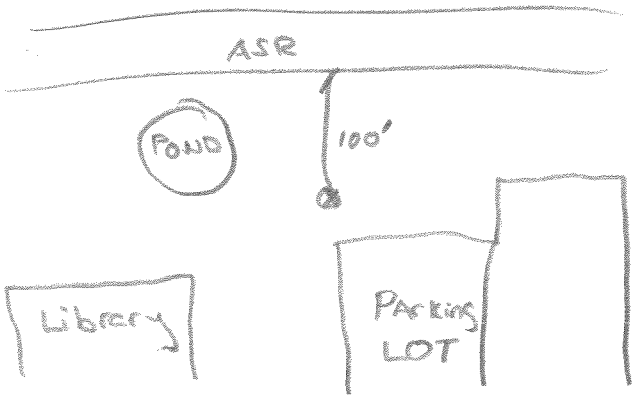
START (24 HR. CLOCK)	L_{max}	L_{eq} or L_{av}
16 : 10	75.6	62 . 3
FINISH (24 HR. CLOCK)		L___
16 : 30		.

SKETCH OF RECEPTOR SITE WITH LANDMARKS CLEARLY IDENTIFIED and DIMENSIONED

POINT ID: MP5

NOISE PEAK

⊗ = MEASUREMENT LOCATION



PROJECT NAME: Exit 3/4 MEASUREMENT BY: JMK

PROJECT NUMBER: 9456

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU

METROLOGGER DATA SHEET

TIME INTERVAL	L_{max}	L_{eq} or L_{av}	COMMENTS / INDIVIDUALLY IDENTIFIED NOISE SOURCES
5	81	72	
10	81	72	car
15	81	72	People in Parking lot

Battery Voltage Check		Calibration		Noise Meter	
Initial	Volts	Initial:	114	Serial	
Final	Volts	Final:	114	No.	

Manufacturer: Quest

Model #: Noise Pro

ANSII Type: I or II

Meter Source: Rented From/Owned By

Meter Response Rate: Fast or Slow (Circle one)

MONTH 01 / DAY 05 / YEAR 12

COVER SHEET NUMBER

NYSDOT P.I.N.

Area Between Roadway and Receptor
(Circle one or identify varying conditions in Sketch)

HARD - ASPHALT, CONCRETE, PACKED DIRT, BODY OF WATER, CRUSTED SNOW COVER

SOFT - LOOSE, GRANULAR, SANDY SOILS VEGETATIVE COVER, POWDER SNOW, BRUSH, LAWN, GRASS

% REL. HUMIDITY: 62

TEMP. (F): 24.8

PRECIP: YES / NO (NO circled)

WIND (MPH): 04

START (24 HR. CLOCK): 08 : 10

FINISH (24 HR. CLOCK): 08 : 25

L_{max}: 81.0

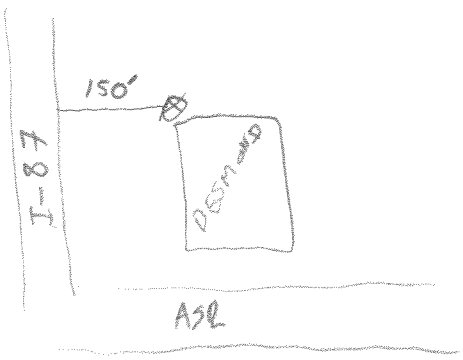
L_{eq} or L_{av}: 72.3

L__: .

SKETCH OF RECEPTOR SITE WITH LANDMARKS CLEARLY IDENTIFIED and DIMENSIONED

POINT ID: MP2

⊗ = MEASUREMENT LOCATION



Inter	2way on Wolf	Exit 4 On RAMP
5	191	39
10	151	32 ← 1 tractor + trailer
15	167	47

PROJECT NAME: Exit 3/4 MEASUREMENT BY: JMK

PROJECT NUMBER: 9456

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU

METROLOGGER DATA SHEET

TIME INTERVAL	L_{max}	L_{eq} or L_{av}	COMMENTS / INDIVIDUALLY IDENTIFIED NOISE SOURCES
5	79	69	
10	79	69	Air plane
15	79	69	

Battery Voltage Check		Calibration		Noise Meter	
Initial	Volts	Initial:	114	Serial	
Final	Volts	Final:	114	No.	

Manufacturer: Quest
Model #: Noise Pro
ANSII Type: I or II
Meter Source: Rented From/Owned By

Meter Response Rate: Fast or Slow (Circle one)

MONTH 12 / DAY 05 / YEAR 12 COVER SHEET NUMBER

NYSDOT P.I.N.

Area Between Roadway and Receptor
(Circle one or identify varying conditions in Sketch)

HARD - ASPHALT, CONCRETE, PACKED DIRT, BODY OF WATER, CRUSTED SNOW COVER

SOFT - LOOSE, GRANULAR, SANDY SOILS VEGETATIVE COVER, POWDER SNOW, BRUSH, LAWN, GRASS

% REL. HUMIDITY	TEMP. (F)	PRECIP	WIND (MPH)
64	24.0	YES NO	04

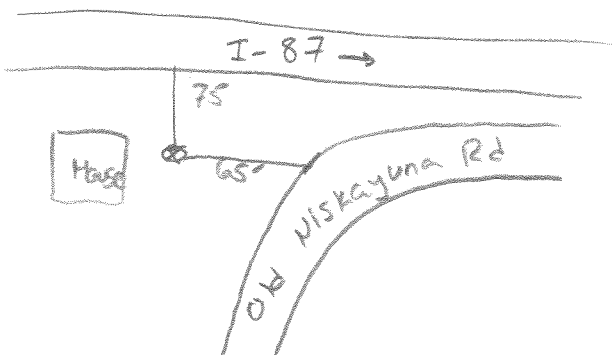
START (24 HR. CLOCK)	L_{max}	L_{eq} or L_{av}
08:40	78.6	68.7

FINISH (24 HR. CLOCK)	L___
08:55	

SKETCH OF RECEPTOR SITE WITH LANDMARKS CLEARLY IDENTIFIED and DIMENSIONED

POINT ID: MP6 M

⊗ = MEASUREMENT LOCATION



Inter	two-way vol
5	29
10	31
15	34

* Precip were flurries I checked with Lee before Count - He said it was fine

PROJECT NAME: Exit 4 MEASUREMENT BY: JMK

PROJECT NUMBER: 9456

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU

METROLOGGER DATA SHEET

TIME INTERVAL	L_{max}	L_{eq} or L_{av}	COMMENTS / INDIVIDUALLY IDENTIFIED NOISE SOURCES
05	77	71	Tractor trailers
10	77	71	Airplane x2 / Tractor trailer
15	77	71	Box truck in Parking Lot

Battery Voltage Check		Calibration		Noise Meter	
Initial	Volts	Initial:	114	Serial	
Final	Volts	Final:	114	No.	

Manufacturer: Quest Technology
Model #: Noise Pro
ANSII Type: I or II
Meter Source: Rented From/Owned By CHA

Meter Response Rate: Fast or Slow (Circle one)

MONTH 02 / DAY 02 / YEAR 12

COVER SHEET NUMBER

NYSDOT P.I.N.

Area Between Roadway and Receptor
(Circle one or identify varying conditions in Sketch)

HARD - ASPHALT, CONCRETE, PACKED DIRT, BODY OF WATER, CRUSTED SNOW COVER

SOFT - LOOSE, GRANULAR, SANDY SOILS VEGETATIVE COVER, POWDER SNOW, BRUSH, LAWN, GRASS

% REL. HUMIDITY: 64

TEMP. (F): 37.4

PRECIP: YES / NO

WIND (MPH): 02

START (24 HR. CLOCK): 08 : 35

L_{max}: 77.3

L_{eq} or L_{av}: 70.6

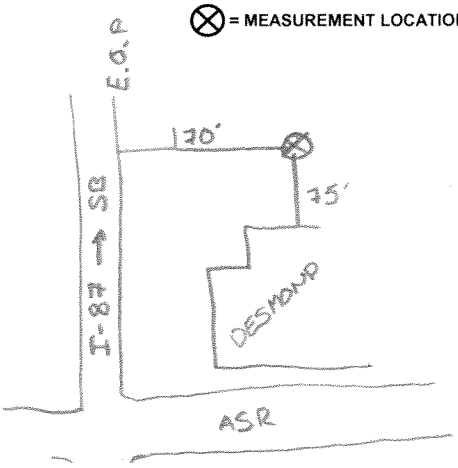
FINISH (24 HR. CLOCK): 08 : 50

L___

SKETCH OF RECEPTOR SITE WITH LANDMARKS CLEARLY IDENTIFIED and DIMENSIONED

POINT ID: MP2

⊗ = MEASUREMENT LOCATION



Inter	2way on Wolf	Exit 4 ON-Ramp
5	125	33
10	144	36 ← 1 tractor trailer
15	116	48 ← 1 tractor traile

PROJECT NAME: Exit 4

PROJECT NUMBER: 9456

MEASUREMENT BY: JMK

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU

METROLOGGER DATA SHEET

TIME INTERVAL	L_{max}	L_{eq} or L_{av}	COMMENTS / INDIVIDUALLY IDENTIFIED NOISE SOURCES
05	75	70	Jet
10	75	70	loud exhaust on 87
15	76	70	Jet

Battery Voltage Check		Calibration		Noise Meter	
Initial	Volts	Initial:	114	Serial	
Final	Volts	Final:	114	No.	

Manufacturer: Quest

Model #: NOISE PRO

ANSII Type: I or II

Meter Source: Rented From/Owned By: CHA

Meter Response Rate: Fast or Slow (Circle one)

MONTH: 02 / DAY: 02 / YEAR: 12

COVER SHEET NUMBER:

NYSDOT P.I.N.:

Area Between Roadway and Receptor
(Circle one or identify varying conditions in Sketch)

HARD - ASPHALT, CONCRETE, PACKED DIRT, BODY OF WATER, CRUSTED SNOW COVER

SOFT - LOOSE, GRANULAR, SANDY SOILS VEGETATIVE COVER, POWDER SNOW, BRUSH, LAWN, GRASS

% REL. HUMIDITY: 68

TEMP. (F): 31.8

PRECIP: YES / NO (NO circled)

WIND (MPH): 05

START (24 HR. CLOCK): 15 : 55

L_{max}: 75.9

L_{eq} or L_{av}: 69.9

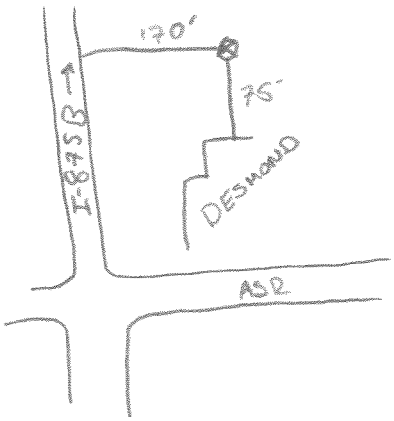
FINISH (24 HR. CLOCK): 16 : 1

L__:

SKETCH OF RECEPTOR SITE WITH LANDMARKS CLEARLY IDENTIFIED and DIMENSIONED

POINT ID: MP2 PM

⊗ = MEASUREMENT LOCATION



Inter	2wks Wolf	Exit 4 on-Ramp
5	135	69
10	114	67
15	220	101

Table

Timestamp	Leq-1	Slow Max	Slow Min	Lpk		
12/1/2011 6:00	68.9	71.1	66	104.5	7762471	72.84444
12/1/2011 6:01	69.5	75.5	65.3	104.8	8912509	
12/1/2011 6:02	72	76.3	64	104.1	15848932	
12/1/2011 6:03	69.4	75.4	64.7	103.7	8709636	
12/1/2011 6:04	72.4	77.8	68.3	101.8	17378008	
12/1/2011 6:05	72.3	77.4	67.2	104.1	16982437	
12/1/2011 6:06	71.6	78.2	64.8	104.5	14454398	
12/1/2011 6:07	71.1	76.2	61.9	103	12882496	
12/1/2011 6:08	72.3	78.3	66.7	104.1	16982437	
12/1/2011 6:09	69.2	74.8	64.1	102.2	8317638	
12/1/2011 6:10	73.1	77.1	68.5	104.8	20417379	
12/1/2011 6:11	71.6	76.4	66.1	103.3	14454398	
12/1/2011 6:12	73.7	80.2	63.6	105.2	23442288	
12/1/2011 6:13	70.3	74.3	62.8	104.5	10715193	
12/1/2011 6:14	72.5	76.6	66.5	103.3	17782794	
12/1/2011 6:15	68.6	75.8	57.6	104.1	7244360	73.33171
12/1/2011 6:16	70.3	73.5	58.3	104.5	10715193	
12/1/2011 6:17	72.4	78.2	66	101.8	17378008	
12/1/2011 6:18	71.8	76.8	66.6	104.5	15135612	
12/1/2011 6:19	72.3	76.1	66.6	103.3	16982437	
12/1/2011 6:20	72.9	76.6	69	104.5	19498446	
12/1/2011 6:21	71.8	76	68.5	105.6	15135612	
12/1/2011 6:22	71.6	77.7	66.1	103.3	14454398	
12/1/2011 6:23	74.3	77.5	68.6	102.2	26915348	
12/1/2011 6:24	72.5	76.8	69.4	103.7	17782794	
12/1/2011 6:25	72	77	66.8	105.2	15848932	
12/1/2011 6:26	72.3	76.7	66.3	102.2	16982437	
12/1/2011 6:27	73.1	77.8	69.4	101.1	20417379	
12/1/2011 6:28	71.3	77	61.6	103.7	13489629	
12/1/2011 6:29	72.9	76.4	67	103.3	19498446	
12/1/2011 6:30	73.1	77.2	68.2	104.1	20417379	73.63409
12/1/2011 6:31	74.6	78.6	71.3	104.5	28840315	
12/1/2011 6:32	74.6	83.7	68.5	103.3	28840315	
12/1/2011 6:33	72.5	77.1	69.9	103.3	17782794	
12/1/2011 6:34	71.2	76.9	66.8	102.6	13182567	
12/1/2011 6:35	71.6	75.8	66.4	103	14454398	
12/1/2011 6:36	72.4	77.5	69.2	104.5	17378008	
12/1/2011 6:37	72.5	78.6	68	104.5	17782794	
12/1/2011 6:38	73.2	77.5	69.5	103.7	20892961	
12/1/2011 6:39	72.3	77	68.3	104.5	16982437	
12/1/2011 6:40	72.7	77.8	67.6	104.1	18620871	
12/1/2011 6:41	72	75.9	68.7	103.3	15848932	
12/1/2011 6:42	73	76.5	69.8	103	19952623	
12/1/2011 6:43	78.3	90.6	71.1	116.7	67608298	
12/1/2011 6:44	74.1	78.7	69.8	104.1	25703958	

12/1/2011 6:45	72.1	76.6	69.4	104.1	16218101	73.71567	
12/1/2011 6:46	72.6	77.5	69.6	104.1	18197009		
12/1/2011 6:47	74.1	78	70.4	102.6	25703958		
12/1/2011 6:48	75.6	79.5	71.1	101.1	36307805		
12/1/2011 6:49	73.1	77	68.6	104.1	20417379		
12/1/2011 6:50	74.4	79.5	71.5	102.6	27542287		
12/1/2011 6:51	73.1	78.4	68.3	103.7	20417379		
12/1/2011 6:52	72.9	76.3	67.9	103.3	19498446		
12/1/2011 6:53	73.2	77.5	69.1	104.5	20892961		
12/1/2011 6:54	74.5	77.9	71.3	105.6	28183829		
12/1/2011 6:55	73.7	77.8	68.7	104.8	23442288		
12/1/2011 6:56	72.7	75.3	71.1	105.2	18620871		
12/1/2011 6:57	73.8	75.8	70.4	100.3	23988329		
12/1/2011 6:58	74.3	77.1	68.9	100.3	26915348		
12/1/2011 6:59	73.4	77.5	70.4	104.1	21877616		
12/1/2011 7:00	74.1	77	70.5	103.3	25703958	73.80429	73.70682
12/1/2011 7:01	74.2	78.6	64.9	104.8	26302680		
12/1/2011 7:02	74.2	77.9	68.5	102.2	26302680		
12/1/2011 7:03	74.7	79.2	71.6	103	29512092		
12/1/2011 7:04	73.7	77.4	69.7	104.1	23442288		
12/1/2011 7:05	73.5	78.3	70.8	101.8	22387211		
12/1/2011 7:06	74.3	78.4	70	104.8	26915348		
12/1/2011 7:07	73.3	76.1	69.7	103	21379621		
12/1/2011 7:08	73.1	77.5	69.9	104.1	20417379		
12/1/2011 7:09	73.2	76.9	68.3	104.5	20892961		
12/1/2011 7:10	73.1	77.3	69.9	104.5	20417379		
12/1/2011 7:11	74.6	79	69.6	104.5	28840315		
12/1/2011 7:12	73.1	77.7	68.3	104.1	20417379		
12/1/2011 7:13	73.4	76.3	71.7	104.8	21877616		
12/1/2011 7:14	72.4	77.1	67.7	103.7	17378008		
12/1/2011 7:15	73.9	78.4	69.7	103.7	24547089	73.91509	73.56221
12/1/2011 7:16	73.1	74.9	69.6	102.6	20417379		
12/1/2011 7:17	73.7	79.6	70.2	104.5	23442288		
12/1/2011 7:18	73.7	75.8	69.7	104.1	23442288		
12/1/2011 7:19	73.4	77.3	70.4	102.6	21877616		
12/1/2011 7:20	73.7	76.6	70.2	104.5	23442288		
12/1/2011 7:21	74.5	80.4	70.5	105.2	28183829		
12/1/2011 7:22	74.1	77.8	70	103	25703958		
12/1/2011 7:23	72.1	74.6	69.6	104.5	16218101		
12/1/2011 7:24	73.3	76.3	70.1	104.5	21379621		
12/1/2011 7:25	74.5	77.8	72.2	104.8	28183829		
12/1/2011 7:26	73.4	76.2	70.5	103	21877616		
12/1/2011 7:27	72.6	74.7	69.7	104.1	18197009		
12/1/2011 7:28	74	78.2	71.3	103	25118864		
12/1/2011 7:29	72.7	78.1	68.9	105.2	18620871		
12/1/2011 7:30	72.8	75.3	69.8	103.3	19054607	74.1542	73.92767
12/1/2011 7:31	73	77.5	70.2	103.3	19952623		

12/1/2011 7:32	74.3	77.9	70.2	104.5	26915348		
12/1/2011 7:33	74.4	77.2	71.2	103	27542287		
12/1/2011 7:34	73.2	76.6	68.3	104.5	20892961		
12/1/2011 7:35	74	78.3	70	102.6	25118864		
12/1/2011 7:36	73.3	76.7	68.3	103	21379621		
12/1/2011 7:37	73.8	77.9	69.9	103	23988329		
12/1/2011 7:38	74.6	77.3	69.4	104.1	28840315		
12/1/2011 7:39	74.1	77.7	70.8	102.2	25703958		
12/1/2011 7:40	73.7	77.6	68	101.1	23442288		
12/1/2011 7:41	72.9	76.5	69.7	104.5	19498446		
12/1/2011 7:42	75	79.3	71.5	103.7	31622777		
12/1/2011 7:43	74.1	77.4	71.6	104.8	25703958		
12/1/2011 7:44	74.9	77.8	71	103.7	30902954		
12/1/2011 7:45	73.6	75.9	71.2	103	22908677	74.24449	74.00624
12/1/2011 7:46	74.2	78.4	70.6	101.8	26302680		
12/1/2011 7:47	73.6	76.3	71.1	105.2	22908677		
12/1/2011 7:48	74.4	76.3	72.6	100	27542287		
12/1/2011 7:49	75.3	79.1	70.6	103.7	33884416		
12/1/2011 7:50	73.8	76.4	71.3	103	23988329		
12/1/2011 7:51	73.1	76.6	70.5	103	20417379		
12/1/2011 7:52	73.5	76	71	104.8	22387211		
12/1/2011 7:53	74.7	77.2	70.7	103.3	29512092		
12/1/2011 7:54	73.6	78.6	70.6	103	22908677		
12/1/2011 7:55	74.8	78.1	70.7	103.3	30199517		
12/1/2011 7:56	73.9	76.3	70.7	105.2	24547089		
12/1/2011 7:57	73.5	75.3	69.8	103.7	22387211		
12/1/2011 7:58	73.7	77.6	69.6	100	23442288		
12/1/2011 7:59	73.8	77.3	72.2	102.6	23988329		
12/1/2011 8:00	74.1	78	70.3	103.3	25703958	74.31903	74.14321
12/1/2011 8:01	74.4	78.2	71.4	104.8	27542287		
12/1/2011 8:02	73.8	76.3	71.7	103	23988329		
12/1/2011 8:03	73.9	77.1	71	104.1	24547089		
12/1/2011 8:04	75	79	70.3	103	31622777		
12/1/2011 8:05	73.2	76.5	67.8	104.1	20892961		
12/1/2011 8:06	74.1	76	72.4	100	25703958		
12/1/2011 8:07	74.4	77.8	71.1	103	27542287		
12/1/2011 8:08	74.7	78.2	70.4	103.7	29512092		
12/1/2011 8:09	73.7	76	70.1	103.3	23442288		
12/1/2011 8:10	72.6	74.8	70.6	103.7	18197009		
12/1/2011 8:11	74.1	79.4	71.3	104.5	25703958		
12/1/2011 8:12	73.4	76.9	70.5	104.1	21877616		
12/1/2011 8:13	74	77.4	70	101.8	25118864		
12/1/2011 8:14	75.8	78.8	72.9	102.2	38018940		
12/1/2011 8:15	74.3	78.2	72	101.1	26915348	74.17467	74.51589
12/1/2011 8:16	74.9	78.6	71.6	104.1	30902954		
12/1/2011 8:17	74.2	76.9	72.2	105.2	26302680		
12/1/2011 8:18	74.5	77.9	71.1	104.8	28183829		

12/1/2011 8:19	73.8	77.3	69.8	103.3	23988329		
12/1/2011 8:20	74.1	76.1	72.2	101.8	25703958		
12/1/2011 8:21	75.4	77.6	71.5	103	34673685		
12/1/2011 8:22	74.7	77.3	72.1	104.8	29512092		
12/1/2011 8:23	74.6	77.8	71.6	104.1	28840315		
12/1/2011 8:24	74.2	76.4	70.8	104.5	26302680		
12/1/2011 8:25	74.4	78.7	70.7	103.7	27542287		
12/1/2011 8:26	74.6	78.1	72.2	103	28840315		
12/1/2011 8:27	74.2	77.8	71.1	100	26302680		
12/1/2011 8:28	75.6	79.9	72.4	103.3	36307805		
12/1/2011 8:29	73.8	77.2	71.2	104.1	23988329		
12/1/2011 8:30	73.3	76.1	70.8	103.7	21379621	73.83674	74.29607
12/1/2011 8:31	74.5	77.2	71.1	101.1	28183829		
12/1/2011 8:32	74	79	69.5	103	25118864		
12/1/2011 8:33	74.1	77	69.5	103.7	25703958		
12/1/2011 8:34	73.6	77.2	65.6	104.8	22908677		
12/1/2011 8:35	76	79.1	71.3	103.7	39810717		
12/1/2011 8:36	75.9	78.5	71.8	103.3	38904514		
12/1/2011 8:37	73.2	75.7	70.1	103	20892961		
12/1/2011 8:38	73.8	76.1	72.1	103	23988329		
12/1/2011 8:39	74.5	77.7	72.3	102.2	28183829		
12/1/2011 8:40	75.3	81.3	69.7	103.7	33884416		
12/1/2011 8:41	73.2	75.9	71	104.1	20892961		
12/1/2011 8:42	73.2	76	70.4	103	20892961		
12/1/2011 8:43	74.1	76.7	69.7	103	25703958		
12/1/2011 8:44	74.3	78.2	70	103.7	26915348		
12/1/2011 8:45	75.3	77.5	70.9	104.1	33884416	73.63397	74.31284
12/1/2011 8:46	74.6	77.6	70.9	103	28840315		
12/1/2011 8:47	74	77.2	69.2	103.7	25118864		
12/1/2011 8:48	73.5	76	70.3	100	22387211		
12/1/2011 8:49	74.3	76.9	72.4	103	26915348		
12/1/2011 8:50	75.8	78.8	71.3	103	38018940		
12/1/2011 8:51	75.4	79.7	71.6	102.6	34673685		
12/1/2011 8:52	75.3	79.6	71.7	102.6	33884416		
12/1/2011 8:53	74.2	76.8	71.2	103.7	26302680		
12/1/2011 8:54	73.2	76.1	70.8	104.1	20892961		
12/1/2011 8:55	73.7	76.3	71.2	103.3	23442288		
12/1/2011 8:56	72.8	76.3	69.7	104.5	19054607		
12/1/2011 8:57	74.5	80.5	68.9	104.5	28183829		
12/1/2011 8:58	73.6	76.7	69.9	102.6	22908677		
12/1/2011 8:59	73.1	78.5	67.5	103.7	20417379		
12/1/2011 9:00	74	77.5	69.7	103.7	25118864	73.34805	73.50747
12/1/2011 9:01	74.3	77.1	71.3	103.3	26915348		
12/1/2011 9:02	73.8	76.3	69.1	104.5	23988329		
12/1/2011 9:03	73.9	77.9	70.4	101.1	24547089		
12/1/2011 9:04	73.7	77.6	70.2	103.7	23442288		
12/1/2011 9:05	73.8	78	69.9	104.1	23988329		

12/1/2011 9:06	73.3	76	70.7	104.1	21379621		
12/1/2011 9:07	73.4	77.3	70.8	104.1	21877616		
12/1/2011 9:08	73.7	77.9	71	101.8	23442288		
12/1/2011 9:09	72.9	75.6	70.6	101.8	19498446		
12/1/2011 9:10	72.7	77.4	68.8	103.7	18620871		
12/1/2011 9:11	72.4	74.9	66.2	103.3	17378008		
12/1/2011 9:12	73.6	76.4	70.3	103	22908677		
12/1/2011 9:13	73.2	76.7	68.9	103.3	20892961		
12/1/2011 9:14	73.5	78.2	68.1	104.5	22387211		
12/1/2011 9:15	72.6	77.8	68.2	104.8	18197009	73.18786	73.10835
12/1/2011 9:16	72	76.7	66.8	104.5	15848932		
12/1/2011 9:17	72.9	77.1	67.2	103.3	19498446		
12/1/2011 9:18	73	76.4	70	105.2	19952623		
12/1/2011 9:19	72.9	76	67.7	105.2	19498446		
12/1/2011 9:20	72.7	77.1	68.2	103.7	18620871		
12/1/2011 9:21	72.4	75.8	68.9	104.1	17378008		
12/1/2011 9:22	73	77.4	69.4	103	19952623		
12/1/2011 9:23	72	74.9	69.7	105.6	15848932		
12/1/2011 9:24	72.4	76.2	68.4	104.5	17378008		
12/1/2011 9:25	73.7	79.4	69.5	101.1	23442288		
12/1/2011 9:26	74.3	80.3	68.4	102.6	26915348		
12/1/2011 9:27	75.3	79.8	68.5	103.7	33884416		
12/1/2011 9:28	73.3	78.8	67.6	104.1	21379621		
12/1/2011 9:29	72.8	76.6	68.3	106.3	19054607		
12/1/2011 9:30	72.8	76.8	69.8	103.7	19054607	73.16135	73.51735
12/1/2011 9:31	73.2	76.5	70.1	104.5	20892961		
12/1/2011 9:32	72.6	76.9	67.1	103.7	18197009		
12/1/2011 9:33	72	75.5	68.2	104.1	15848932		
12/1/2011 9:34	73.3	79.2	67	103.7	21379621		
12/1/2011 9:35	71.9	76.1	66.1	100	15488166		
12/1/2011 9:36	74.2	79.1	66.2	101.1	26302680		
12/1/2011 9:37	73.3	76.4	70.7	104.1	21379621		
12/1/2011 9:38	72.9	76.4	69.4	100	19498446		
12/1/2011 9:39	77.5	89.2	67.7	104.1	56234133		
12/1/2011 9:40	72.6	76.6	67	102.6	18197009		
12/1/2011 9:41	74.1	78.6	69.7	102.6	25703958		
12/1/2011 9:42	72.9	76.6	69.4	102.6	19498446		
12/1/2011 9:43	73.8	77.8	69.8	104.1	23988329		
12/1/2011 9:44	71.9	75.4	67.8	103.7	15488166		
12/1/2011 9:45	73.1	79.7	69.3	106	20417379	72.97872	73.24504
12/1/2011 9:46	72.9	76.9	65	104.1	19498446		
12/1/2011 9:47	73.1	77.6	67	104.5	20417379		
12/1/2011 9:48	73.8	78.4	68.8	103.7	23988329		
12/1/2011 9:49	75.1	81	68.2	108	32359366		
12/1/2011 9:50	72.1	79.6	67.2	103.7	16218101		
12/1/2011 9:51	73.8	79.5	66.4	103	23988329		
12/1/2011 9:52	72.6	78	68.1	103.7	18197009		

12/1/2011 9:53	74.6	79.9	68.6	106.3	28840315	
12/1/2011 9:54	73.5	77.5	66.3	105.6	22387211	
12/1/2011 9:55	72.9	77.5	65	105.6	19498446	
12/1/2011 9:56	71.9	76.2	67.3	104.8	15488166	
12/1/2011 9:57	73.2	75.4	70.2	101.8	20892961	
12/1/2011 9:58	72	76.7	65.7	102.6	15848932	
12/1/2011 9:59	72.7	78.2	65	103.3	18620871	
12/1/2011 10:00	72.4	76.3	67	103.7	17378008	72.98204
12/1/2011 10:01	73.2	77.4	69.4	104.8	20892961	
12/1/2011 10:02	72	77.4	65.3	100	15848932	
12/1/2011 10:03	73.7	77.1	68.5	104.5	23442288	
12/1/2011 10:04	73.3	77.6	66.1	101.8	21379621	
12/1/2011 10:05	71.7	77	67.1	105.6	14791084	
12/1/2011 10:06	73	77.2	68	105.2	19952623	
12/1/2011 10:07	71.3	74.5	68.6	105.6	13489629	
12/1/2011 10:08	72.2	77.4	62.1	103.7	16595869	
12/1/2011 10:09	71.6	77	67.6	105.2	14454398	
12/1/2011 10:10	73.9	77.9	66.6	104.5	24547089	
12/1/2011 10:11	73.8	78.9	65.5	102.6	23988329	
12/1/2011 10:12	72	76.7	65.5	103.7	15848932	
12/1/2011 10:13	72.7	77.6	69.4	103.7	18620871	
12/1/2011 10:14	74.5	78.3	68	104.1	28183829	
12/1/2011 10:15	71.8	75.9	68.4	104.1	15135612	73.06888
12/1/2011 10:16	72.6	77.5	65.1	104.1	18197009	
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12/1/2011 10:20	71.1	75.7	67.5	104.1	12882496	
12/1/2011 10:21	73.3	78.5	66.8	103.7	21379621	
12/1/2011 10:22	73.8	77.4	68.5	104.1	23988329	
12/1/2011 10:23	73.8	77.8	70.2	104.5	23988329	
12/1/2011 10:24	73.7	78.3	68.9	103.7	23442288	
12/1/2011 10:25	73.4	80.2	67.2	107.1	21877616	
12/1/2011 10:26	73.3	77.8	69.3	104.5	21379621	
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12/1/2011 10:28	72.6	78.7	66.4	104.8	18197009	
12/1/2011 10:29	73.6	77.2	70.1	104.8	22908677	
12/1/2011 10:30	73.3	77.8	68	105.2	21379621	73.11237
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12/1/2011 10:33	71.9	76.2	66.5	104.1	15488166	
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12/1/2011 10:38	72.8	77.1	66.9	106	19054607	
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12/1/2011 10:41	73.1	77.8	67.5	103.3	20417379	
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12/1/2011 10:43	72.6	81.3	67.5	104.1	18197009	
12/1/2011 10:44	72.2	79.1	66.3	103.3	16595869	
12/1/2011 10:45	75.4	78.4	70.6	102.6	34673685	73.19943
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12/1/2011 10:48	73.3	76.7	68.3	103.3	21379621	
12/1/2011 10:49	73.2	76.7	68.5	103.7	20892961	
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12/1/2011 10:51	72.4	75.7	67.3	104.8	17378008	
12/1/2011 10:52	73.9	77.4	70	104.1	24547089	
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12/1/2011 10:54	74	76.9	68.6	103	25118864	
12/1/2011 10:55	72.4	77.9	65.7	104.5	17378008	
12/1/2011 10:56	72	74.8	65.3	102.2	15848932	
12/1/2011 10:57	74.4	77.5	70.6	104.8	27542287	
12/1/2011 10:58	71.6	74.3	68.2	104.5	14454398	
12/1/2011 10:59	72.1	76.7	68.1	105.6	16218101	
12/1/2011 11:00	72.6	76.4	68.1	104.1	18197009	73.28317
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12/1/2011 11:02	73.5	78.2	69.4	103.3	22387211	
12/1/2011 11:03	72.1	77.2	67.5	104.8	16218101	
12/1/2011 11:04	71.5	74.4	68.2	102.6	14125375	
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12/1/2011 11:07	73.1	76.1	67.4	105.2	20417379	
12/1/2011 11:08	73.6	76.8	69	105.2	22908677	
12/1/2011 11:09	73.6	78.3	70	104.1	22908677	
12/1/2011 11:10	72.3	75.8	66.5	103.3	16982437	
12/1/2011 11:11	71.9	74.2	68.8	105.6	15488166	
12/1/2011 11:12	74.2	78.7	68.7	104.8	26302680	
12/1/2011 11:13	73.9	75.9	70.3	104.8	24547089	
12/1/2011 11:14	73.9	77.6	69.1	103.3	24547089	
12/1/2011 11:15	71.5	73.7	67.3	104.1	14125375	73.36959
12/1/2011 11:16	72.3	76.1	66.9	104.5	16982437	
12/1/2011 11:17	73.9	79.3	66.7	104.5	24547089	
12/1/2011 11:18	74.1	77.3	67.1	104.1	25703958	
12/1/2011 11:19	74.7	78.7	70.1	105.2	29512092	
12/1/2011 11:20	72.3	77.2	68.6	106.3	16982437	
12/1/2011 11:21	74.1	79.6	69.4	103.7	25703958	
12/1/2011 11:22	73.7	76.9	68.3	104.5	23442288	
12/1/2011 11:23	72.3	76.8	67.9	105.6	16982437	
12/1/2011 11:24	73.1	78	69.2	103.3	20417379	
12/1/2011 11:25	72.2	77.3	69.3	105.2	16595869	
12/1/2011 11:26	71.2	74.4	65.9	105.2	13182567	

12/1/2011 11:27	72.9	75.6	69	104.1	19498446	
12/1/2011 11:28	73.2	79	67.6	103.7	20892961	
12/1/2011 11:29	74.3	80.6	67.5	101.8	26915348	
12/1/2011 11:30	72.6	77.9	66.9	103.3	18197009	73.45875
12/1/2011 11:31	72.3	76.7	64.9	104.1	16982437	
12/1/2011 11:32	72.5	76.2	67.8	105.2	17782794	
12/1/2011 11:33	73.7	79	69.3	103.3	23442288	
12/1/2011 11:34	72.3	76.5	64.3	107.1	16982437	
12/1/2011 11:35	74.4	77.6	71.1	103.3	27542287	
12/1/2011 11:36	73.1	77.8	68.4	103.3	20417379	
12/1/2011 11:37	74.6	77.3	70.3	100.3	28840315	
12/1/2011 11:38	73.4	77	71	104.8	21877616	
12/1/2011 11:39	73.2	78.5	68.7	104.8	20892961	
12/1/2011 11:40	72.6	79	67.9	104.5	18197009	
12/1/2011 11:41	73.3	76.2	70.3	105.2	21379621	
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12/1/2011 11:43	74.4	78.5	70.9	101.1	27542287	
12/1/2011 11:44	72.3	75	68.2	103.3	16982437	
12/1/2011 11:45	73.6	78.9	68.4	104.1	22908677	73.55665
12/1/2011 11:46	72.7	77.2	69.9	104.8	18620871	
12/1/2011 11:47	73.9	78.2	70.2	104.1	24547089	
12/1/2011 11:48	73.6	76.6	69.5	104.1	22908677	
12/1/2011 11:49	73.8	78.5	68	104.1	23988329	
12/1/2011 11:50	74	79.6	70.7	106	25118864	
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12/1/2011 11:52	73.8	78.4	68.2	104.1	23988329	
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12/1/2011 11:57	73.2	75.7	71.3	104.5	20892961	
12/1/2011 11:58	73.5	78	68.3	104.1	22387211	
12/1/2011 11:59	74	77.5	70.5	103.3	25118864	
12/1/2011 12:00	73.1	77	68.9	104.1	20417379	73.61689
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12/1/2011 12:02	72.3	75.8	67.3	105.6	16982437	
12/1/2011 12:03	73.7	77	65.8	102.6	23442288	
12/1/2011 12:04	73.7	79.4	65.2	105.2	23442288	
12/1/2011 12:05	73.2	76.1	69.2	104.5	20892961	
12/1/2011 12:06	74.2	78.5	70.7	104.1	26302680	
12/1/2011 12:07	72.2	75.7	67.6	104.8	16595869	
12/1/2011 12:08	73.8	76.5	70.6	104.8	23988329	
12/1/2011 12:09	73	77.8	68.9	104.1	19952623	
12/1/2011 12:10	73.3	77.4	69	103.7	21379621	
12/1/2011 12:11	74.1	79.7	69.2	105.2	25703958	
12/1/2011 12:12	74.3	77.9	69.7	104.8	26915348	
12/1/2011 12:13	73.9	77.8	69.6	105.2	24547089	

12/1/2011 12:14	73.6	77.1	68.8	105.2	22908677	
12/1/2011 12:15	73.1	75.8	69	103.7	20417379	73.50635
12/1/2011 12:16	74.3	78.1	67.1	104.1	26915348	
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12/1/2011 12:20	72.7	76.3	69.1	104.8	18620871	
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12/1/2011 12:22	74.8	78.7	70.9	103.3	30199517	
12/1/2011 12:23	74.3	77.1	71.2	100.3	26915348	
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12/1/2011 12:25	72.8	76.3	69.4	101.8	19054607	
12/1/2011 12:26	73.7	77.5	69.3	104.1	23442288	
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12/1/2011 12:28	73.5	78.2	69.2	102.2	22387211	
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12/1/2011 12:31	74.5	78.1	67.2	103.3	28183829	
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12/1/2011 12:33	72.2	77.6	68.6	103.3	16595869	
12/1/2011 12:34	72.7	77.2	68.1	104.1	18620871	
12/1/2011 12:35	74.7	77.9	71.2	100.3	29512092	
12/1/2011 12:36	73.2	75.9	69.4	101.1	20892961	
12/1/2011 12:37	74.1	77.9	70.7	104.8	25703958	
12/1/2011 12:38	74	79.1	69.6	102.6	25118864	
12/1/2011 12:39	74	79	70.6	101.1	25118864	
12/1/2011 12:40	74.5	79.8	69.5	103.7	28183829	
12/1/2011 12:41	73.3	76.8	67.8	103.7	21379621	
12/1/2011 12:42	72.7	77.5	68	104.8	18620871	
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12/1/2011 12:46	73.9	77.4	66.5	103	24547089	
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12/1/2011 12:48	74.1	77.4	70.9	105.6	25703958	
12/1/2011 12:49	73	75.9	67.2	102.2	19952623	
12/1/2011 12:50	74.3	79.4	69.5	102.2	26915348	
12/1/2011 12:51	73.9	76.4	70	106	24547089	
12/1/2011 12:52	74.1	79.6	69.2	105.6	25703958	
12/1/2011 12:53	73.8	78.8	67.7	105.6	23988329	
12/1/2011 12:54	74.1	77.8	67.7	101.8	25703958	
12/1/2011 12:55	74.6	77.9	71.1	103.3	28840315	
12/1/2011 12:56	73.4	77.6	70	101.8	21877616	
12/1/2011 12:57	72.8	75.5	71.2	104.8	19054607	
12/1/2011 12:58	71.5	75	68	101.8	14125375	
12/1/2011 12:59	74.3	76.8	69.9	104.8	26915348	
12/1/2011 13:00	72.8	75.7	66.4	104.8	19054607	73.52543

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12/1/2011 13:02	72.4	77.3	68.1	103.7	17378008	
12/1/2011 13:03	70.9	73.4	68.3	101.1	12302688	
12/1/2011 13:04	71.4	75.4	64.4	100.3	13803843	
12/1/2011 13:05	74.2	76.9	70.7	103.7	26302680	
12/1/2011 13:06	73.1	76.7	66.6	105.6	20417379	
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12/1/2011 13:08	74.4	80.5	70	106	27542287	
12/1/2011 13:09	72.1	76.2	67.3	103.3	16218101	
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12/1/2011 13:15	74.7	78.2	69.8	104.5	29512092	73.6179
12/1/2011 13:16	74.3	78.7	71	103.7	26915348	
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12/1/2011 13:18	73.3	78	68.8	103	21379621	
12/1/2011 13:19	72.9	77	68.9	104.1	19498446	
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12/1/2011 13:22	73.4	77.9	69.5	103.3	21877616	
12/1/2011 13:23	73.7	77.3	69.4	104.5	23442288	
12/1/2011 13:24	71.5	74.7	68.5	103	14125375	
12/1/2011 13:25	74.1	78.8	70	103.3	25703958	
12/1/2011 13:26	72.6	76.9	69.5	104.5	18197009	
12/1/2011 13:27	73.8	78.4	69.9	103	23988329	
12/1/2011 13:28	73.7	77.3	66.7	108.6	23442288	
12/1/2011 13:29	74.7	78.3	70.5	103.3	29512092	
12/1/2011 13:30	74.1	79.8	69.6	105.6	25703958	73.56143
12/1/2011 13:31	71.2	72.8	68.7	105.6	13182567	
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12/1/2011 13:33	73.8	76.6	70.2	102.6	23988329	
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12/1/2011 13:36	73.9	78.5	67.4	105.6	24547089	
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12/1/2011 13:38	73.1	76.4	69.4	105.6	20417379	
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12/1/2011 13:41	72.5	78.1	66.4	105.2	17782794	
12/1/2011 13:42	73.6	77.4	69.7	104.1	22908677	
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12/1/2011 13:46	73.1	77.7	70.2	103.7	20417379	
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12/1/2011 13:50	72.4	77.3	67.7	102.2	17378008	
12/1/2011 13:51	73.6	79	69.9	100	22908677	
12/1/2011 13:52	74.1	77.5	69.6	104.8	25703958	
12/1/2011 13:53	74.7	78.8	68.2	105.6	29512092	
12/1/2011 13:54	74	78.2	69.3	103.3	25118864	
12/1/2011 13:55	73	75.6	69.5	104.8	19952623	
12/1/2011 13:56	74.2	77.8	70.1	105.6	26302680	
12/1/2011 13:57	73.7	76.6	70.6	100.3	23442288	
12/1/2011 13:58	73.8	78	68.3	105.6	23988329	
12/1/2011 13:59	75	83.8	70.6	103.7	31622777	
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12/1/2011 14:03	74	79	70.7	103.7	25118864	
12/1/2011 14:04	73	76.7	70.7	104.5	19952623	
12/1/2011 14:05	73.4	76.7	70.4	105.6	21877616	
12/1/2011 14:06	72.3	77.1	69	101.8	16982437	
12/1/2011 14:07	74.7	78.4	71.4	103.3	29512092	
12/1/2011 14:08	71.9	75.8	65.5	104.1	15488166	
12/1/2011 14:09	72.3	76.2	68.5	105.2	16982437	
12/1/2011 14:10	74.1	78.7	69	103	25703958	
12/1/2011 14:11	73.7	76.7	69.7	104.5	23442288	
12/1/2011 14:12	74.2	77.4	71	100.3	26302680	
12/1/2011 14:13	74	77.5	69.3	103.3	25118864	
12/1/2011 14:14	74.5	78.8	69.9	104.5	28183829	
12/1/2011 14:15	73	75.9	67.1	104.8	19952623	73.54423
12/1/2011 14:16	74.3	79.5	70.2	104.8	26915348	
12/1/2011 14:17	73.1	77.2	67.8	103.3	20417379	
12/1/2011 14:18	74.4	77.4	69.8	103.7	27542287	
12/1/2011 14:19	74.2	78.5	69.4	104.1	26302680	
12/1/2011 14:20	73.6	76.1	71.5	104.1	22908677	
12/1/2011 14:21	73.9	78	68.1	105.6	24547089	
12/1/2011 14:22	73.7	77.7	69.4	106	23442288	
12/1/2011 14:23	73.7	77.3	70	103	23442288	
12/1/2011 14:24	74.5	77	71.6	103.7	28183829	
12/1/2011 14:25	73.4	76	70.1	105.6	21877616	
12/1/2011 14:26	73.1	76	68.7	104.5	20417379	
12/1/2011 14:27	73.5	76.4	67.8	108.2	22387211	
12/1/2011 14:28	71.9	74.6	68.1	104.8	15488166	
12/1/2011 14:29	72.3	75.2	67.1	104.8	16982437	
12/1/2011 14:30	73.7	75.7	70.2	104.8	23442288	73.41183
12/1/2011 14:31	74.3	79.3	69.8	105.6	26915348	
12/1/2011 14:32	72.5	74.4	71	103.3	17782794	
12/1/2011 14:33	73.8	78.3	68.5	104.8	23988329	
12/1/2011 14:34	74.5	77.2	69.9	103	28183829	

12/1/2011 14:35	74.7	77.6	71.1	101.1	29512092	
12/1/2011 14:36	72.9	77.1	67.9	103.3	19498446	
12/1/2011 14:37	72.4	75.1	69.8	105.2	17378008	
12/1/2011 14:38	74.3	78.3	69.5	104.8	26915348	
12/1/2011 14:39	73.9	77.3	69.7	101.8	24547089	
12/1/2011 14:40	73	75.3	69	104.1	19952623	
12/1/2011 14:41	74.4	79.1	69.3	104.1	27542287	
12/1/2011 14:42	73.3	76.6	69.9	104.1	21379621	
12/1/2011 14:43	74.2	77.6	69.5	103.7	26302680	
12/1/2011 14:44	73.3	77.4	69.1	103	21379621	
12/1/2011 14:45	73.9	77.5	70.9	104.5	24547089	73.4664
12/1/2011 14:46	74.5	77.4	71.9	101.8	28183829	
12/1/2011 14:47	73.1	76.5	69.1	100	20417379	
12/1/2011 14:48	73.2	76.6	67.7	103	20892961	
12/1/2011 14:49	74.9	80.6	70.4	104.5	30902954	
12/1/2011 14:50	72.8	78.1	66	104.8	19054607	
12/1/2011 14:51	75.4	80.9	69.3	106.3	34673685	
12/1/2011 14:52	71.7	75.4	67	104.8	14791084	
12/1/2011 14:53	74.1	76.9	72.2	106	25703958	
12/1/2011 14:54	73.2	79.9	68.9	104.8	20892961	
12/1/2011 14:55	71.5	76.8	67.1	106	14125375	
12/1/2011 14:56	74.2	78.3	70.8	104.8	26302680	
12/1/2011 14:57	73.5	80.1	69	106.3	22387211	
12/1/2011 14:58	73.3	79.7	69.7	105.2	21379621	
12/1/2011 14:59	73.5	75.8	71.1	104.5	22387211	
12/1/2011 15:00	72.4	77.7	69.2	105.6	17378008	73.58969
12/1/2011 15:01	73.2	77.5	70.8	103	20892961	
12/1/2011 15:02	73.7	77.8	70.1	101.8	23442288	
12/1/2011 15:03	72.4	76.2	69.1	106	17378008	
12/1/2011 15:04	74.5	83.4	68.3	101.8	28183829	
12/1/2011 15:05	72.9	77	70.5	104.8	19498446	
12/1/2011 15:06	75.8	86.9	69.9	103.3	38018940	
12/1/2011 15:07	73.4	75.2	70.7	104.8	21877616	
12/1/2011 15:08	72	74.5	69.5	101.1	15848932	
12/1/2011 15:09	71.9	75.2	69.4	108.6	15488166	
12/1/2011 15:10	71.6	75.9	68.3	101.1	14454398	
12/1/2011 15:11	71.3	74.7	68.8	102.2	13489629	
12/1/2011 15:12	71.6	74.5	68.7	103	14454398	
12/1/2011 15:13	70.7	72.9	69.1	102.6	11748976	
12/1/2011 15:14	76.3	84.9	69.4	109	42657952	
12/1/2011 15:15	71.5	74	68.3	104.8	14125375	73.73947
12/1/2011 15:16	71.6	74.1	67.8	102.2	14454398	
12/1/2011 15:17	70	72.5	67.4	103.7	10000000	
12/1/2011 15:18	71.1	72.8	69.6	104.8	12882496	
12/1/2011 15:19	71.4	75.3	68.8	104.1	13803843	
12/1/2011 15:20	72.3	75.6	70.6	100.3	16982437	
12/1/2011 15:21	73.1	74.7	71	105.2	20417379	

12/1/2011 15:22	72.8	74.7	69.5	103	19054607	
12/1/2011 15:23	73.3	75.8	71	104.8	21379621	
12/1/2011 15:24	73.9	77.4	70.9	106.3	24547089	
12/1/2011 15:25	74.3	77	71.3	100.3	26915348	
12/1/2011 15:26	73.3	76.1	71	104.5	21379621	
12/1/2011 15:27	74.2	79.6	70.1	102.2	26302680	
12/1/2011 15:28	74.3	78.7	69.2	104.8	26915348	
12/1/2011 15:29	74.9	79.9	71	105.2	30902954	
12/1/2011 15:30	73.4	77.3	69.1	104.1	21877616	74.01812
12/1/2011 15:31	73.2	76.7	70.8	103.3	20892961	
12/1/2011 15:32	74.1	77.2	70.4	101.8	25703958	
12/1/2011 15:33	74.6	78	70.8	104.5	28840315	
12/1/2011 15:34	73.8	77	71.5	105.2	23988329	
12/1/2011 15:35	73.9	76.5	70.5	100	24547089	
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12/1/2011 15:37	73.9	78.2	71	103.7	24547089	
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12/1/2011 15:39	74.6	77.8	70.6	101.1	28840315	
12/1/2011 15:40	73.7	77.4	69.7	104.5	23442288	
12/1/2011 15:41	72.9	74.8	71.2	100	19498446	
12/1/2011 15:42	74.2	76.2	71.9	101.1	26302680	
12/1/2011 15:43	73.3	77.1	69.1	105.6	21379621	
12/1/2011 15:44	74.4	77.7	71.2	103.3	27542287	
12/1/2011 15:45	74.5	77.8	71.5	105.2	28183829	73.95478
12/1/2011 15:46	74.2	77.7	71.9	105.2	26302680	
12/1/2011 15:47	73.9	75.7	70.6	100	24547089	
12/1/2011 15:48	75	79.5	72.8	102.6	31622777	
12/1/2011 15:49	73	76.4	70.8	107.5	19952623	
12/1/2011 15:50	74.8	78.9	72.3	103.7	30199517	
12/1/2011 15:51	73.6	76.5	71.1	102.6	22908677	
12/1/2011 15:52	73.8	76.2	71.5	101.8	23988329	
12/1/2011 15:53	73.9	76.3	71.1	103.7	24547089	
12/1/2011 15:54	73.2	77.3	69.9	104.8	20892961	
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12/1/2011 15:56	73.7	75.5	71.1	103.7	23442288	
12/1/2011 15:57	74.3	77.2	69.5	102.6	26915348	
12/1/2011 15:58	74.1	77	69.4	105.6	25703958	
12/1/2011 15:59	74.2	78.2	67.8	103.7	26302680	
12/1/2011 16:00	74.1	77.5	69.5	103.3	25703958	73.58394
12/1/2011 16:01	73.7	77.4	70.5	100	23442288	
12/1/2011 16:02	74	76.5	71	100	25118864	
12/1/2011 16:03	74.4	79.6	70.5	102.6	27542287	
12/1/2011 16:04	73.2	76.1	70.2	101.8	20892961	
12/1/2011 16:05	74.2	77.5	71.9	102.6	26302680	
12/1/2011 16:06	73.6	76.1	71.6	104.1	22908677	
12/1/2011 16:07	73.7	75.2	71.6	103.3	23442288	
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12/1/2011 16:09	73.7	77.1	70.4	102.2	23442288	
12/1/2011 16:10	74.6	77.3	71.7	103.3	28840315	
12/1/2011 16:11	73.3	75.9	71.4	102.2	21379621	
12/1/2011 16:12	73.3	75.8	71.7	103.7	21379621	
12/1/2011 16:13	73.7	76.9	72	103	23442288	
12/1/2011 16:14	73.9	76	69.8	101.8	24547089	
12/1/2011 16:15	73.9	76	72.2	105.2	24547089	72.72603
12/1/2011 16:16	74.4	80.3	71.7	104.1	27542287	
12/1/2011 16:17	74.9	79.7	72.3	103.3	30902954	
12/1/2011 16:18	74.9	78.3	72.1	101.8	30902954	
12/1/2011 16:19	74.7	77.5	72.6	104.1	29512092	
12/1/2011 16:20	74	76.1	71.3	104.5	25118864	
12/1/2011 16:21	74.4	76.8	71.1	103.7	27542287	
12/1/2011 16:22	74.3	77.8	72.2	104.1	26915348	
12/1/2011 16:23	74.8	77.9	71.1	104.5	30199517	
12/1/2011 16:24	73.5	76.3	69.2	104.8	22387211	
12/1/2011 16:25	72.8	74.8	68.6	104.1	19054607	
12/1/2011 16:26	75.2	79.5	72.5	102.6	33113112	
12/1/2011 16:27	73.4	76.5	71.6	103.3	21877616	
12/1/2011 16:28	73	75.9	70.8	104.1	19952623	
12/1/2011 16:29	73.9	77.5	70.9	100.3	24547089	
12/1/2011 16:30	72.9	74.6	71.2	103	19498446	71.34284
12/1/2011 16:31	74.1	76.6	70.5	103.3	25703958	
12/1/2011 16:32	73.9	77.5	70.7	103	24547089	
12/1/2011 16:33	74.4	76.6	72	100	27542287	
12/1/2011 16:34	73.6	76.1	71	103.7	22908677	
12/1/2011 16:35	74.5	76.9	71.3	103.7	28183829	
12/1/2011 16:36	73.6	76.6	70.4	101.1	22908677	
12/1/2011 16:37	72.9	75.1	71.6	105.6	19498446	
12/1/2011 16:38	74.5	77	71.1	104.5	28183829	
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12/1/2011 16:40	73.3	76.3	70.4	103	21379621	
12/1/2011 16:41	74.3	77.5	72.3	103.3	26915348	
12/1/2011 16:42	72.5	74.4	70.3	103.3	17782794	
12/1/2011 16:43	72.1	73.7	69.7	104.5	16218101	
12/1/2011 16:44	73.4	75.2	69.7	103.3	21877616	
12/1/2011 16:45	72.7	75	69.8	102.6	18620871	70.22539
12/1/2011 16:46	73.5	75.7	71.8	104.5	22387211	
12/1/2011 16:47	72.8	74.4	71.2	104.1	19054607	
12/1/2011 16:48	71.1	73.2	69.6	104.1	12882496	
12/1/2011 16:49	72.1	74.3	69.6	104.5	16218101	
12/1/2011 16:50	73.7	77.1	70.7	101.8	23442288	
12/1/2011 16:51	73.4	76	70.5	104.8	21877616	
12/1/2011 16:52	77.3	87	71	103.3	53703180	
12/1/2011 16:53	70.7	72	69.2	104.5	11748976	
12/1/2011 16:54	72.6	78.5	70.3	104.8	18197009	
12/1/2011 16:55	73	78.7	70.4	104.1	19952623	

12/1/2011 16:56	69.8	75	67.9	103.3	9549926	
12/1/2011 16:57	67.5	69.7	65.6	105.6	5623413	
12/1/2011 16:58	66.7	68.4	65.4	108	4677351	
12/1/2011 16:59	67	70.3	65	104.5	5011872	
12/1/2011 17:00	69	71.6	67.1	104.5	7943282	70.05973
12/1/2011 17:01	69.3	70.3	67.7	103.7	8511380	
12/1/2011 17:02	69.7	71.5	67.5	102.2	9332543	
12/1/2011 17:03	69.2	73.2	65.6	103	8317638	
12/1/2011 17:04	67.9	68.9	66.7	105.2	6165950	
12/1/2011 17:05	69.1	75.2	66.2	104.5	8128305	
12/1/2011 17:06	67.7	70.8	64.8	103.7	5888437	
12/1/2011 17:07	69.6	73.2	67.3	104.1	9120108	
12/1/2011 17:08	66.5	69.4	64	104.5	4466836	
12/1/2011 17:09	68.1	69.9	66.4	104.5	6456542	
12/1/2011 17:10	69.6	72.6	68.3	103.7	9120108	
12/1/2011 17:11	69.8	72.1	68.6	104.5	9549926	
12/1/2011 17:12	69.9	71.3	69	104.5	9772372	
12/1/2011 17:13	68.9	72	67.4	103.3	7762471	
12/1/2011 17:14	68.4	71.6	66.2	102.6	6918310	
12/1/2011 17:15	68	71.8	64.5	104.8	6309573	71.44851
12/1/2011 17:16	67.3	69.6	64.9	103.7	5370318	
12/1/2011 17:17	67.1	70.4	65.4	104.8	5128614	
12/1/2011 17:18	67.9	68.9	66.4	104.1	6165950	
12/1/2011 17:19	65.7	67.5	64.2	104.1	3715352	
12/1/2011 17:20	65.6	67.3	62.8	103.7	3630781	
12/1/2011 17:21	67.6	73.9	66	104.1	5754399	
12/1/2011 17:22	67.7	72.6	65.8	105.2	5888437	
12/1/2011 17:23	66.7	68.9	65.1	103.3	4677351	
12/1/2011 17:24	68	69.9	66.2	103	6309573	
12/1/2011 17:25	67.5	68.8	65.9	102.6	5623413	
12/1/2011 17:26	67.5	70.1	64.2	104.5	5623413	
12/1/2011 17:27	68	69.9	64.9	105.2	6309573	
12/1/2011 17:28	69.1	71.6	67.7	102.6	8128305	
12/1/2011 17:29	69.5	70.5	68.7	104.5	8912509	
12/1/2011 17:30	69.2	71.1	67.5	103.7	8317638	71.92906
12/1/2011 17:31	69.6	71.3	68.3	106	9120108	
12/1/2011 17:32	70.5	72.7	68.8	103.3	11220185	
12/1/2011 17:33	70.8	72.7	69	103.7	12022644	
12/1/2011 17:34	71	73.4	69.3	101.8	12589254	
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12/1/2011 17:36	70.9	72.4	69.7	104.5	12302688	
12/1/2011 17:37	70.2	72.1	68.2	104.1	10471285	
12/1/2011 17:38	70	72	68.1	103	10000000	
12/1/2011 17:39	72.2	77.5	68.8	103.7	16595869	
12/1/2011 17:40	71.6	73.8	70.2	103.7	14454398	
12/1/2011 17:41	71.6	76.2	68.3	103.7	14454398	
12/1/2011 17:42	68.6	69.9	66.8	104.5	7244360	

12/1/2011 17:43	69	69.9	67.9	106	7943282	
12/1/2011 17:44	69	72.1	67.3	103.3	7943282	
12/1/2011 17:45	70.5	74.7	67.2	103.7	11220185	71.9739
12/1/2011 17:46	71.4	74.3	68.4	103.7	13803843	
12/1/2011 17:47	71	74.1	68.3	105.2	12589254	
12/1/2011 17:48	71.5	74	69	105.2	14125375	
12/1/2011 17:49	71.2	73.2	69.2	101.8	13182567	
12/1/2011 17:50	71.1	72.2	69.4	104.1	12882496	
12/1/2011 17:51	70.5	73	68.6	105.6	11220185	
12/1/2011 17:52	71.7	73.9	69.8	103.3	14791084	
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12/1/2011 17:58	72.7	74.9	69.2	104.8	18620871	
12/1/2011 17:59	72.4	77.1	67.2	104.1	17378008	
12/1/2011 18:00	73.8	77.4	71.6	103.7	23988329	72.16957
12/1/2011 18:01	73.7	76.1	70.6	104.1	23442288	
12/1/2011 18:02	73.5	76.2	70.2	104.8	22387211	
12/1/2011 18:03	73.3	77	70.7	104.1	21379621	
12/1/2011 18:04	72.7	75.6	70.4	102.6	18620871	
12/1/2011 18:05	73.4	76.1	68.4	103.7	21877616	
12/1/2011 18:06	75.8	84.2	68.6	106.3	38018940	
12/1/2011 18:07	74.9	78.9	71	103.7	30902954	
12/1/2011 18:08	74.7	77.3	70.3	101.8	29512092	
12/1/2011 18:09	73.6	77.5	69.4	104.1	22908677	
12/1/2011 18:10	73.5	75	71.9	101.1	22387211	
12/1/2011 18:11	72.5	75.7	69.6	104.5	17782794	
12/1/2011 18:12	72.8	74.7	68.5	100	19054607	
12/1/2011 18:13	72.1	74.5	69.7	103.3	16218101	
12/1/2011 18:14	72.6	75.3	69.8	104.1	18197009	
12/1/2011 18:15	73	76	70.2	105.2	19952623	70.44691
12/1/2011 18:16	72	75	69.3	104.5	15848932	
12/1/2011 18:17	71.4	74.9	69.1	101.8	13803843	
12/1/2011 18:18	71.8	74.5	68.9	104.8	15135612	
12/1/2011 18:19	72.6	79.9	67.6	104.1	18197009	
12/1/2011 18:20	71.5	72.9	69.5	105.2	14125375	
12/1/2011 18:21	69.9	71.3	68.1	106	9772372	
12/1/2011 18:22	70.2	71.9	68.4	104.1	10471285	
12/1/2011 18:23	69	73.1	67.6	101.8	7943282	
12/1/2011 18:24	71.7	76.1	68.8	103.3	14791084	
12/1/2011 18:25	69.4	71.4	67.6	104.5	8709636	
12/1/2011 18:26	70.4	76.2	68	103.3	10964782	
12/1/2011 18:27	68.7	70.7	66.3	105.2	7413102	
12/1/2011 18:28	69	72	65.7	104.1	7943282	
12/1/2011 18:29	70.2	72.7	68.6	104.1	10471285	

12/1/2011 18:30	71.1	75.4	68.3	103.7	12882496	69.02626
12/1/2011 18:31	69.6	71.1	67.3	103	9120108	
12/1/2011 18:32	70.2	74.1	67.4	106	10471285	
12/1/2011 18:33	70.9	73	67.8	104.8	12302688	
12/1/2011 18:34	69	71.3	67.3	103.7	7943282	
12/1/2011 18:35	71.2	73.6	68.4	103.3	13182567	
12/1/2011 18:36	69	73.5	66.5	105.6	7943282	
12/1/2011 18:37	68	71.1	65.9	103.3	6309573	
12/1/2011 18:38	70.2	74.2	66.1	103	10471285	
12/1/2011 18:39	69.7	70.9	68.3	105.6	9332543	
12/1/2011 18:40	70.5	74.5	68.5	103	11220185	
12/1/2011 18:41	71	74.5	69.4	103.7	12589254	
12/1/2011 18:42	72.4	74.5	70.1	103.3	17378008	
12/1/2011 18:43	72.5	75.5	70.1	103.3	17782794	
12/1/2011 18:44	71.7	75.4	68.4	104.1	14791084	
12/1/2011 18:45	72.5	74.7	68.6	103.3	17782794	67.07239
12/1/2011 18:46	72.2	76.4	70.1	104.1	16595869	
12/1/2011 18:47	72	74.9	69.7	104.8	15848932	
12/1/2011 18:48	72.8	76.4	69.1	103.7	19054607	
12/1/2011 18:49	73	78.4	69	104.1	19952623	
12/1/2011 18:50	72.4	77.2	67.4	104.1	17378008	
12/1/2011 18:51	73.7	77.8	68	102.6	23442288	
12/1/2011 18:52	72.4	74.6	69.6	104.5	17378008	
12/1/2011 18:53	72.6	75.2	68.8	104.1	18197009	
12/1/2011 18:54	72	74.8	67.7	104.5	15848932	
12/1/2011 18:55	72.1	74.4	67.3	105.2	16218101	
12/1/2011 18:56	73.6	77.4	69.3	104.8	22908677	
12/1/2011 18:57	73	75.9	67.4	105.2	19952623	
12/1/2011 18:58	74.1	76.9	72.3	104.5	25703958	
12/1/2011 18:59	72.2	77.9	66.6	103.3	16595869	
12/1/2011 19:00	73.6	76.3	69.4	101.1	22908677	55.81849

Attachment II. Traffic Data

Manual Turning Movement Count

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Exit 3 Airport Connector
Old Wolf Rd & I-87 SB Exit 4 Off-Ramp
AM
7 to 9

File Name : Old Wolf - Exit 4 SB AM
Site Code : 62906007
Start Date : 6/29/2006
Page No : 3

	Old Wolf Road Southbound					I-87 SB Exit 4 Off-Ramp Westbound					Old Wolf Road Northbound					Terminal Drive Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30																					
07:30	0	47	0	0	47	249	**1**	**6**			**1**		**1**								
07:45	0	59	0	0	59	279	1	6	0	286	0	**58**	0	0	**58**	0	0	**4**	0	**4**	**407**
08:00	0	**69**	**1**	0	**70**	277	0	5	0	282	0	52	0	0	52	**1**	0	0	**1**	2	406
08:15	0	52	0	0	52	**281**	0	6	0	**287**	0	52	0	0	52	0	0	2	0	2	393
Total Volume	0	227	1	0	228	1086	2	23	0	1111	1	212	1	0	214	1	0	9	1	11	1564
% App. Total	0	99.6	0.4	0		97.7	0.2	2.1	0		0.5	99.1	0.5	0		9.1	0	81.8	9.1		
PHF	.000	.822	.250	.000	.814	.966	.500	.958	.000	.968	.250	.914	.250	.000	.922	.250	.000	.563	.250	.688	.961
Passenger Vehicles	0	209	1	0	210	1078	2	23	0	1103	1	202	1	0	204	1	0	3	1	5	1522
% Passenger Vehicles	0	92.1	100	0	92.1	99.3	100	100	0	99.3	100	95.3	100	0	95.3	100	0	33.3	100	45.5	97.3
SU Trucks & Buses	0	16	0	0	16	7	0	0	0	7	0	7	0	0	7	0	0	6	0	6	36
% SU Trucks & Buses	0	7.0	0	0	7.0	0.6	0	0	0	0.6	0	3.3	0	0	3.3	0	0	66.7	0	54.5	2.3
MU Trucks	0	2	0	0	2	1	0	0	0	1	0	3	0	0	3	0	0	0	0	0	6
% MU Trucks	0	0.9	0	0	0.9	0.1	0	0	0	0.1	0	1.4	0	0	1.4	0	0	0	0	0	0.4

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Exit 3/Exit 4
Old Wolf Road/Albany-Shaker Road
AM
7 to 9

File Name : Albany Shaker Road & Old Wolf Road AM
Site Code : 01270901
Start Date : 1/27/2009
Page No : 3

	Old Wolf Road Southbound					Albany-Shaker Road Westbound					On-Ramp Northbound					Albany-Shaker Road Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	104	7	198	0	309	**37**	195	64								**62**	133	20			
07:45 AM	**121**	**12**	219	0	**352**	24	**236**	56	0	**316**	0	0	0	0	0	51	135	**28**	0	214	**882**
08:00 AM	86	9	194	0	289	23	199	56	0	278	0	0	0	0	0	58	**161**	24	0	**243**	810
08:15 AM	101	7	**229**	0	337	33	200	**70**	0	303	0	0	0	0	0	61	121	15	0	197	837
Total Volume	412	35	840	0	1287	117	830	246	0	1193	0	0	0	0	0	232	550	87	0	869	3349
% App. Total	32	2.7	65.3	0		9.8	69.6	20.6	0		0	0	0	0		26.7	63.3	10	0		
PHF	.851	.729	.917	.000	.914	.791	.879	.879	.000	.944	.000	.000	.000	.000	.000	.935	.854	.777	.000	.894	.949
Passenger Cars	399	32	824	0	1255	108	808	233	0	1149	0	0	0	0	0	225	533	81	0	839	3243
% Passenger Cars	96.8	91.4	98.1	0	97.5	92.3	97.3	94.7	0	96.3	0	0	0	0	0	97.0	96.9	93.1	0	96.5	96.8
SU Trucks & Buses	12	0	13	0	25	6	16	10	0	32	0	0	0	0	0	5	16	6	0	27	84
% SU Trucks & Buses	2.9	0	1.5	0	1.9	5.1	1.9	4.1	0	2.7	0	0	0	0	0	2.2	2.9	6.9	0	3.1	2.5
MU Trucks	1	3	3	0	7	3	6	3	0	12	0	0	0	0	0	2	1	0	0	3	22
% MU Trucks	0.2	8.6	0.4	0	0.5	2.6	0.7	1.2	0	1.0	0	0	0	0	0	0.9	0.2	0	0	0.3	0.7

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Exit 3/Exit 4
Albany Shaker Road & Wolf Road
AM
7 to 9

File Name : Albany Shaker Road & Wolf Road AM
Site Code : 01270916
Start Date : 1/27/2009
Page No : 3

	On-Ramp Southbound					Albany-Shaker Road Westbound					Wolf Road Northbound					Albany-Shaker Road Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	0	0	0	0	**52**	**149**			**278**		45	**175**				**173**	28	**2**		**921**
07:45 AM	0	0	0	0	0	49	121	89	**1**	260	89	49	160	0	**298**	159	128	**31**	0	318	876
08:00 AM	0	0	0	0	0	50	145	74	0	269	**90**	39	147	0	276	191	152	22	0	365	910
08:15 AM	0	0	0	0	0	39	140	**96**	0	275	89	**54**	132	0	275	**197**	155	19	0	**371**	921
Total Volume	0	0	0	0	0	190	555	336	1	1082	333	187	614	0	1134	702	608	100	2	1412	3628
% App. Total	0	0	0	0		17.6	51.3	31.1	0.1		29.4	16.5	54.1	0		49.7	43.1	7.1	0.1		
PHF	.000	.000	.000	.000	.000	.913	.931	.875	.250	.973	.925	.866	.877	.000	.951	.891	.879	.806	.250	.951	.985
Passenger Cars	0	0	0	0	0	188	550	334	0	1072	329	181	597	0	1107	699	602	98	2	1401	3580
% Passenger Cars	0	0	0	0	0	98.9	99.1	99.4	0	99.1	98.8	96.8	97.2	0	97.6	99.6	99.0	98.0	100	99.2	98.7
SU Trucks & Buses	0	0	0	0	0	1	4	2	1	8	3	3	7	0	13	3	6	2	0	11	32
% SU Trucks & Buses	0	0	0	0	0	0.5	0.7	0.6	100	0.7	0.9	1.6	1.1	0	1.1	0.4	1.0	2.0	0	0.8	0.9
MU Trucks	0	0	0	0	0	1	1	0	0	2	1	3	10	0	14	0	0	0	0	0	16
% MU Trucks	0	0	0	0	0	0.5	0.2	0	0	0.2	0.3	1.6	1.6	0	1.2	0	0	0	0	0	0.4

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Exit 3/Exit 4
Exit 4 NB Off-Ramp
AM
7-9

File Name : Exit 4 NB Off-Ramp
Site Code : 00000000
Start Date : 1/27/2009
Page No : 3

	Southbound					Westbound					Northbound					Exit 4 Off-Ramp Eastbound					
Start Time	Rght	Thru	Left	Other	App. Total	Rght	Thru	Left	Other	App. Total	Rght	Thru	Left	Other	App. Total	Rght	Thru	Left	Other	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	150	0	184	184
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**66**		**194**		**260**	**260**
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	0	142	0	200	200
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	0	143	0	206	206
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	221	0	629	0	850	850
% App. Total	0	0	0	0		0	0	0	0		0	0	0	0		26	0	74	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.837	.000	.811	.000	.817	.817
Passenger Cars	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	220	0	613	0	833	833
% Passenger Cars	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99.5	0	97.5	0	98.0	98.0
SU Trucks & Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	12	12
% SU Trucks & Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.9	0	1.4	1.4
MU Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0	5	5
% MU Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0.6	0	0.6	0.6

Manual Turning Movement Count

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Exit 3 Airport Connector
Wolf Rd & Metro Park Rd
AM
7 to 9

File Name : Wolf - Metro Park AM
Site Code : 62806003
Start Date : 6/28/2006
Page No : 3

	Wolf Road Southbound					Metro Park Road Westbound					Wolf Road Northbound					Hess Access Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45																					
07:45	43	204	10	0	257	**10**				**19**						**6**	**1**	**3**		**10**	
08:00	56	211	11	0	278	6	**1**	6	0	13	**2**	126	21	0	149	3	1	1	0	5	445
08:15	**60**	208	**12**	0	280	5	1	**11**	0	17	0	127	**24**	0	**151**	6	1	3	0	10	458
08:30	49	**233**	9	0	**291**	8	0	10	**1**	19	0	**130**	18	**1**	149	5	1	0	0	6	**465**
Total Volume	208	856	42	0	1106	29	2	36	1	68	2	506	84	1	593	20	4	7	0	31	1798
% App. Total	18.8	77.4	3.8	0		42.6	2.9	52.9	1.5		0.3	85.3	14.2	0.2		64.5	12.9	22.6	0		
PHF	.867	.918	.875	.000	.950	.725	.500	.818	.250	.895	.250	.973	.875	.250	.982	.833	1.000	.583	.000	.775	.967
Passenger Vehicles	205	835	40	0	1080	26	2	34	1	63	2	492	82	1	577	19	4	7	0	30	1750
% Passenger Vehicles	98.6	97.5	95.2	0	97.6	89.7	100	94.4	100	92.6	100	97.2	97.6	100	97.3	95.0	100	100	0	96.8	97.3
SU Trucks & Buses	3	20	2	0	25	2	0	2	0	4	0	13	1	0	14	1	0	0	0	1	44
% SU Trucks & Buses	1.4	2.3	4.8	0	2.3	6.9	0	5.6	0	5.9	0	2.6	1.2	0	2.4	5.0	0	0	0	3.2	2.4
MU Trucks	0	1	0	0	1	1	0	0	0	1	0	1	1	0	2	0	0	0	0	0	4
% MU Trucks	0	0.1	0	0	0.1	3.4	0	0	0	1.5	0	0.2	1.2	0	0.3	0	0	0	0	0	0.2

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Exit 3/Exit 4
Sand Creek & Wolf Road
AM
7 to 9

File Name : Sand Creek & Wolf Road TOTAL AM
Site Code : 12345678
Start Date : 1/27/2009
Page No : 3

	Wolf Road Southbound					Sand Creek Westbound					Wolf Road Northbound					Sand Creek Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	25	**103**	**31**		**159**						**18**						**69**			**149**	
07:45 AM	24	99	16	0	139	48	**70**	**31**	**2**	**151**	4	133	**57**	**4**	**198**	41	47	38	0	126	**614**
08:00 AM	22	93	27	0	142	**49**	45	25	0	119	14	118	44	0	176	**50**	49	38	0	137	574
08:15 AM	**30**	95	16	0	141	41	37	19	1	98	9	**136**	51	0	196	21	62	**53**	0	136	571
Total Volume	101	390	90	0	581	183	179	100	3	465	45	474	204	4	727	160	227	161	0	548	2321
% App. Total	17.4	67.1	15.5	0		39.4	38.5	21.5	0.6		6.2	65.2	28.1	0.6		29.2	41.4	29.4	0		
PHF	.842	.947	.726	.000	.914	.934	.639	.806	.375	.770	.625	.871	.895	.250	.918	.800	.822	.759	.000	.919	.945
Passenger Cars	99	376	86	0	561	179	164	89	3	435	41	453	195	4	693	155	215	153	0	523	2212
% Passenger Cars	98.0	96.4	95.6	0	96.6	97.8	91.6	89.0	100	93.5	91.1	95.6	95.6	100	95.3	96.9	94.7	95.0	0	95.4	95.3
SU Trucks & Buses	2	14	4	0	20	3	15	11	0	29	4	18	6	0	28	5	11	6	0	22	99
% SU Trucks & Buses	2.0	3.6	4.4	0	3.4	1.6	8.4	11.0	0	6.2	8.9	3.8	2.9	0	3.9	3.1	4.8	3.7	0	4.0	4.3
MU Trucks	0	0	0	0	0	1	0	0	0	1	0	3	3	0	6	0	1	2	0	3	10
% MU Trucks	0	0	0	0	0	0.5	0	0	0	0.2	0	0.6	1.5	0	0.8	0	0.4	1.2	0	0.5	0.4

Manual Turning Movement Count

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Exit 3 Airport Connector
Wolf Rd & Central Ave
AM
7 to 9

File Name : Wolf - Central AM
Site Code : 62906009
Start Date : 6/29/2006
Page No : 3

	Wolf Road Southbound					Central Avenue Westbound					I-87 Exit 2 EB Off Ramp Northbound					Central Avenue Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45																					
07:45	**49**						**173**					**216**	**40**				**273**			**344**	**954**
08:00	41	0	70	0	111	0	165	48	0	213	**1**	216	40	0	**257**	**89**	246	0	0	335	916
08:15	47	0	**88**	0	**135**	0	167	**70**	0	**237**	0	215	32	0	247	79	229	0	0	308	927
08:30	45	**1**	77	**2**	125	0	151	60	0	211	0	188	38	0	226	88	200	0	0	288	850
Total Volume	182	1	304	2	489	0	656	241	0	897	1	835	150	0	986	327	948	0	0	1275	3647
% App. Total	37.2	0.2	62.2	0.4		0	73.1	26.9	0		0.1	84.7	15.2	0		25.6	74.4	0	0		
PHF	.929	.250	.864	.250	.906	.000	.948	.861	.000	.946	.250	.966	.938	.000	.959	.919	.868	.000	.000	.927	.956
Passenger Vehicles	174	1	296	2	473	0	602	229	0	831	1	828	141	0	970	322	923	0	0	1245	3519
% Passenger Vehicles	95.6	100	97.4	100	96.7	0	91.8	95.0	0	92.6	100	99.2	94.0	0	98.4	98.5	97.4	0	0	97.6	96.5
SU Trucks & Buses	8	0	7	0	15	0	42	12	0	54	0	4	3	0	7	4	24	0	0	28	104
% SU Trucks & Buses	4.4	0	2.3	0	3.1	0	6.4	5.0	0	6.0	0	0.5	2.0	0	0.7	1.2	2.5	0	0	2.2	2.9
MU Trucks	0	0	1	0	1	0	12	0	0	12	0	3	6	0	9	1	1	0	0	2	24
% MU Trucks	0	0	0.3	0	0.2	0	1.8	0	0	1.3	0	0.4	4.0	0	0.9	0.3	0.1	0	0	0.2	0.7

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Exit 3/Exit 4
Watervliet Shaker Road & Exit 5 SB Ramp
AM
7 to 9

File Name : Watervliet Shaker Road & Exit 5 SB Ramp AM
Site Code : 11111111
Start Date : 1/27/2009
Page No : 3

	Off-Ramp Southbound					Route 155 Westbound					On-Ramp Northbound					Route 155 Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
							132	102								7	39				
07:30 AM	51	6	**91**																		
07:45 AM	**58**	4	81	0	143	0	**192**	**136**	0	**328**	0	0	0	0	0	5	36	0	0	41	**512**
08:00 AM	56	**12**	89	0	**157**	0	151	112	0	263	0	0	0	0	0	**14**	**47**	0	0	**61**	481
08:15 AM	57	9	86	0	152	**1**	143	119	0	263	0	0	0	0	0	13	30	0	0	43	458
Total Volume	222	31	347	0	600	1	618	469	0	1088	0	0	0	0	0	39	152	0	0	191	1879
% App. Total	37	5.2	57.8	0		0.1	56.8	43.1	0		0	0	0	0		20.4	79.6	0	0		
PHF	.957	.646	.953	.000	.955	.250	.805	.862	.000	.829	.000	.000	.000	.000	.000	.696	.809	.000	.000	.783	.917
Passenger Cars	220	31	337	0	588	1	599	458	0	1058	0	0	0	0	0	34	139	0	0	173	1819
% Passenger Cars	99.1	100	97.1	0	98.0	100	96.9	97.7	0	97.2	0	0	0	0	0	87.2	91.4	0	0	90.6	96.8
SU Trucks & Buses	2	0	9	0	11	0	13	11	0	24	0	0	0	0	0	3	10	0	0	13	48
% SU Trucks & Buses	0.9	0	2.6	0	1.8	0	2.1	2.3	0	2.2	0	0	0	0	0	7.7	6.6	0	0	6.8	2.6
MU Trucks	0	0	1	0	1	0	6	0	0	6	0	0	0	0	0	2	3	0	0	5	12
% MU Trucks	0	0	0.3	0	0.2	0	1.0	0	0	0.6	0	0	0	0	0	5.1	2.0	0	0	2.6	0.6

Manual Turning Movement Count

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Exit 3 Airport Connector
Old Wolf Rd & I-87 SB Exit 4 Off-Ramp
PM
4 to 6

File Name : Old Wolf - Exit 4 SB PM
Site Code : 62906008
Start Date : 6/29/2006
Page No : 3

	Old Wolf Road Southbound					I-87 SB Exit 4 Off-Ramp Westbound					Old Wolf Road Northbound					Terminal Drive Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:45																					
16:45	0	96	0	0	96	180	0	4	**1**										**1**	**2**	**368**
17:00	0	**115**	0	0	**115**	166	**1**	3	0	170	0	67	0	0	67	**1**	0	1	0	2	354
17:15	0	91	0	0	91	174	0	**7**	1	182	0	**93**	0	0	**93**	0	0	**2**	0	2	368
17:30	0	56	0	0	56	**201**	0	3	0	**204**	0	85	0	0	85	1	0	1	0	2	347
Total Volume	0	358	0	0	358	721	1	17	2	741	0	330	0	0	330	2	0	5	1	8	1437
% App. Total	0	100	0	0		97.3	0.1	2.3	0.3		0	100	0	0		25	0	62.5	12.5		
PHF	.000	.778	.000	.000	.778	.897	.250	.607	.500	.908	.000	.887	.000	.000	.887	.500	.000	.625	.250	1.000	.976
Passenger Vehicles	0	349	0	0	349	715	1	17	2	735	0	322	0	0	322	2	0	5	1	8	1414
% Passenger Vehicles	0	97.5	0	0	97.5	99.2	100	100	100	99.2	0	97.6	0	0	97.6	100	0	100	100	100	98.4
SU Trucks & Buses	0	6	0	0	6	5	0	0	0	5	0	6	0	0	6	0	0	0	0	0	17
% SU Trucks & Buses	0	1.7	0	0	1.7	0.7	0	0	0	0.7	0	1.8	0	0	1.8	0	0	0	0	0	1.2
MU Trucks	0	3	0	0	3	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	6
% MU Trucks	0	0.8	0	0	0.8	0.1	0	0	0	0.1	0	0.6	0	0	0.6	0	0	0	0	0	0.4

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Exit 3/Exit 4
Old Wolf Road & Albany Shaker Road
PM
4 to 6

File Name : Albany Shaker Road & Old Wolf Road PM
Site Code : 12345678
Start Date : 1/27/2009
Page No : 3

	Old Wolf Road Southbound					Albany-Shaker Road Westbound					On-Ramp Northbound					Albany-Shaker Road Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	**82**	30	141			35	152	76		**263**						130	171	29			
04:45 PM	66	23	152	0	241	28	**158**	70	0	256	0	0	0	0	0	114	179	27	0	320	817
05:00 PM	70	**41**	**166**	0	**277**	26	137	**96**	0	259	0	0	0	0	0	141	163	28	0	332	868
05:15 PM	74	26	161	0	261	**42**	136	71	0	249	0	0	0	0	0	**145**	**197**	**44**	0	**386**	**896**
Total Volume	292	120	620	0	1032	131	583	313	0	1027	0	0	0	0	0	530	710	128	0	1368	3427
% App. Total	28.3	11.6	60.1	0		12.8	56.8	30.5	0		0	0	0	0		38.7	51.9	9.4	0		
PHF	.890	.732	.934	.000	.931	.780	.922	.815	.000	.976	.000	.000	.000	.000	.000	.914	.901	.727	.000	.886	.956
Passenger Cars	285	112	610	0	1007	124	570	312	0	1006	0	0	0	0	0	527	701	118	0	1346	3359
% Passenger Cars	97.6	93.3	98.4	0	97.6	94.7	97.8	99.7	0	98.0	0	0	0	0	0	99.4	98.7	92.2	0	98.4	98.0
SU Trucks & Buses	7	1	7	0	15	3	10	1	0	14	0	0	0	0	0	3	9	9	0	21	50
% SU Trucks & Buses	2.4	0.8	1.1	0	1.5	2.3	1.7	0.3	0	1.4	0	0	0	0	0	0.6	1.3	7.0	0	1.5	1.5
MU Trucks	0	7	3	0	10	4	3	0	0	7	0	0	0	0	0	0	0	1	0	1	18
% MU Trucks	0	5.8	0.5	0	1.0	3.1	0.5	0	0	0.7	0	0	0	0	0	0	0	0.8	0	0.1	0.5

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Exit 3/Exit 4
Albany Shaker Road & Wolf Road
PM
4 to 6

File Name : Albany Shaker Road & Wolf Road PM
Site Code : 01270982
Start Date : 1/27/2009
Page No : 3

	On-Ramp Southbound					Albany-Shaker Road Westbound					Wolf Road Northbound					Albany-Shaker Road Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	0	0	0	0	0	87	117	84	0	288	**168**	172	**129**		**469**	111	**158**	64			
05:00 PM	0	0	0	0	0	53	126	**97**	0	276	144	160	125	0	429	121	117	**101**	0	339	1044
05:15 PM	0	0	0	0	0	**98**	124	78	0	**300**	159	**185**	124	0	468	**132**	156	93	0	**381**	**1149**
05:30 PM	0	0	0	0	0	73	**142**	78	0	293	154	178	119	0	451	118	119	64	0	301	1045
Total Volume	0	0	0	0	0	311	509	337	0	1157	625	695	497	0	1817	482	550	322	0	1354	4328
% App. Total	0	0	0	0		26.9	44	29.1	0		34.4	38.2	27.4	0		35.6	40.6	23.8	0		
PHF	.000	.000	.000	.000	.000	.793	.896	.869	.000	.964	.930	.939	.963	.000	.969	.913	.870	.797	.000	.888	.942
Passenger Cars	0	0	0	0	0	309	507	335	0	1151	624	693	490	0	1807	478	547	321	0	1346	4304
% Passenger Cars	0	0	0	0	0	99.4	99.6	99.4	0	99.5	99.8	99.7	98.6	0	99.4	99.2	99.5	99.7	0	99.4	99.4
SU Trucks & Buses	0	0	0	0	0	2	1	2	0	5	0	2	3	0	5	4	2	1	0	7	17
% SU Trucks & Buses	0	0	0	0	0	0.6	0.2	0.6	0	0.4	0	0.3	0.6	0	0.3	0.8	0.4	0.3	0	0.5	0.4
MU Trucks	0	0	0	0	0	0	1	0	0	1	1	0	4	0	5	0	1	0	0	1	7
% MU Trucks	0	0	0	0	0	0	0.2	0	0	0.1	0.2	0	0.8	0	0.3	0	0.2	0	0	0.1	0.2

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Exit 3/Exit 4
Exit 4 NB Off-Ramp
PM
4-6

File Name : Exit 4 NB Off-Ramp PM
Site Code : 00000000
Start Date : 1/27/2009
Page No : 3

	Southbound					Westbound					Northbound					Exit 4 NB Off-Ramp Eastbound					
Start Time	Rght	Thru	Left	Other	App. Total	Rght	Thru	Left	Other	App. Total	Rght	Thru	Left	Other	App. Total	Rght	Thru	Left	Other	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	0	127	0	170	170
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	0	90	0	123	123
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**46**		**134**		**180**	**180**
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	0	106	0	149	149
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	165	0	457	0	622	622
% App. Total	0	0	0	0		0	0	0	0		0	0	0	0		26.5	0	73.5	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.897	.000	.853	.000	.864	.864
Passenger Cars	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	164	0	449	0	613	613
% Passenger Cars	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99.4	0	98.2	0	98.6	98.6
SU Trucks & Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	3	3
% SU Trucks & Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	0	0.4	0	0.5	0.5
MU Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	6	6
% MU Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.3	0	1.0	1.0

Manual Turning Movement Count

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Exit 3 Airport Connector
Wolf Rd & Metro Park Rd
PM
4 to 6

File Name : Wolf - Metro Park PM
Site Code : 62806004
Start Date : 6/28/2006
Page No : 3

	Wolf Road Southbound					Metro Park Road Westbound					Wolf Road Northbound					Hess Access Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:45																					
16:45	25	220	13	0	258	34	1	59	**1**												
17:00	31	223	10	0	264	**35**	1	**69**	0	**105**	**4**	**372**	32	**1**	**409**	11	2	2	0	15	**793**
17:15	25	212	**14**	**1**	252	35	**4**	51	0	90	2	325	**34**	0	361	**17**	**3**	0	**5**	**25**	728
17:30	**40**	**231**	12	0	**283**	22	3	44	0	69	1	305	31	0	337	16	0	**3**	1	20	709
Total Volume	121	886	49	1	1057	126	9	223	1	359	9	1300	120	1	1430	57	6	7	7	77	2923
% App. Total	11.4	83.8	4.6	0.1		35.1	2.5	62.1	0.3		0.6	90.9	8.4	0.1		74	7.8	9.1	9.1		
PHF	.756	.959	.875	.250	.934	.900	.563	.808	.250	.855	.563	.874	.882	.250	.874	.838	.500	.583	.350	.770	.922
Passenger Vehicles	121	875	49	1	1046	126	9	222	1	358	9	1288	119	1	1417	57	6	7	7	77	2898
% Passenger Vehicles	100	98.8	100	100	99.0	100	100	99.6	100	99.7	100	99.1	99.2	100	99.1	100	100	100	100	100	99.1
SU Trucks & Buses	0	10	0	0	10	0	0	1	0	1	0	12	1	0	13	0	0	0	0	0	24
% SU Trucks & Buses	0	1.1	0	0	0.9	0	0	0.4	0	0.3	0	0.9	0.8	0	0.9	0	0	0	0	0	0.8
MU Trucks	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
% MU Trucks	0	0.1	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

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Exit 3/ Exit 4
Sand Creek & Wolf Road
PM
4 to 6

File Name : Sand Creek & Wolf Road TOTAL PM
Site Code : 87654321
Start Date : 1/27/2009
Page No : 3

	Wolf Road Southbound					Sand Creek Westbound					Wolf Road Northbound					Sand Creek Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	41	**241**	**57**	**3**	**342**		**85**														
05:15 PM	**47**	190	53	0	290	50	84	24	0	158	23	197	55	1	276	41	**114**	49	**1**	**205**	929
05:30 PM	27	218	42	0	287	**72**	77	15	0	**164**	**26**	**215**	**72**	**3**	**316**	**42**	80	**55**	0	177	**944**
05:45 PM	30	166	40	0	236	51	65	**27**	0	143	21	182	66	1	270	41	94	49	0	184	833
Total Volume	145	815	192	3	1155	222	311	87	0	620	85	769	258	6	1118	164	351	206	1	722	3615
% App. Total	12.6	70.6	16.6	0.3		35.8	50.2	14	0		7.6	68.8	23.1	0.5		22.7	48.6	28.5	0.1		
PHF	.771	.845	.842	.250	.844	.771	.915	.806	.000	.945	.817	.894	.896	.500	.884	.976	.770	.936	.250	.880	.957
Passenger Cars	142	803	191	3	1139	220	310	79	0	609	80	759	257	6	1102	164	348	206	1	719	3569
% Passenger Cars	97.9	98.5	99.5	100	98.6	99.1	99.7	90.8	0	98.2	94.1	98.7	99.6	100	98.6	100	99.1	100	100	99.6	98.7
SU Trucks & Buses	3	10	1	0	14	2	1	8	0	11	4	7	1	0	12	0	3	0	0	3	40
% SU Trucks & Buses	2.1	1.2	0.5	0	1.2	0.9	0.3	9.2	0	1.8	4.7	0.9	0.4	0	1.1	0	0.9	0	0	0.4	1.1
MU Trucks	0	2	0	0	2	0	0	0	0	0	1	3	0	0	4	0	0	0	0	0	6
% MU Trucks	0	0.2	0	0	0.2	0	0	0	0	0	1.2	0.4	0	0	0.4	0	0	0	0	0	0.2

Manual Turning Movement Count

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Exit 3 Ariport Connector
Wolf Rd & Central Ave
PM
4 to 6

File Name : Wolf - Central PM
Site Code : 62906010
Start Date : 6/29/2006
Page No : 3

	Wolf Road Southbound					Central Avenue Westbound					I-87 Exit 2 EB Off Ramp Northbound					Central Avenue Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:45																					
16:45	108	0	247	0	355	0	342	107	0	449	0	163	**59**			**104**	**223**			**327**	
17:00	92	0	263	0	355	0	**354**	91	0	445	**2**	160	54	0	216	96	212	0	0	308	1324
17:15	**114**	0	**300**	0	**414**	0	332	108	0	440	0	160	53	0	213	91	219	0	0	310	**1377**
17:30	87	0	210	0	297	0	336	**117**	0	**453**	0	**171**	53	0	**224**	102	210	0	0	312	1286
Total Volume	401	0	1020	0	1421	0	1364	423	0	1787	2	654	219	0	875	393	864	0	0	1257	5340
% App. Total	28.2	0	71.8	0		0	76.3	23.7	0		0.2	74.7	25	0		31.3	68.7	0	0		
PHF	.879	.000	.850	.000	.858	.000	.963	.904	.000	.986	.250	.956	.928	.000	.977	.945	.969	.000	.000	.961	.969
Passenger Vehicles	392	0	1016	0	1408	0	1342	416	0	1758	2	650	213	0	865	393	835	0	0	1228	5259
% Passenger Vehicles	97.8	0	99.6	0	99.1	0	98.4	98.3	0	98.4	100	99.4	97.3	0	98.9	100	96.6	0	0	97.7	98.5
SU Trucks & Buses	9	0	3	0	12	0	11	7	0	18	0	2	2	0	4	0	16	0	0	16	50
% SU Trucks & Buses	2.2	0	0.3	0	0.8	0	0.8	1.7	0	1.0	0	0.3	0.9	0	0.5	0	1.9	0	0	1.3	0.9
MU Trucks	0	0	1	0	1	0	11	0	0	11	0	2	4	0	6	0	13	0	0	13	31
% MU Trucks	0	0	0.1	0	0.1	0	0.8	0	0	0.6	0	0.3	1.8	0	0.7	0	1.5	0	0	1.0	0.6

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Exit 3/Exit 4
Watervliet Shaker Road & Exit 5 SB
PM
4 to 6

File Name : Watervliet Shaker Road & Exit 5 SB Ramp PM
Site Code : 11111111
Start Date : 1/27/2009
Page No : 3

	Exit 5 SB Ramp Southbound					Route 155 Westbound					On-Ramp Northbound					Route 155 Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	9	**5**	**70**		**84**	**5**	**69**	76								39	105	3			
04:30 PM	**17**	1	53	0	71	2	55	**103**	0	**160**	0	0	0	0	0	42	135	2	0	179	410
04:45 PM	12	4	68	0	84	1	69	76	0	146	0	0	0	0	0	46	112	0	0	158	388
05:00 PM	12	1	58	0	71	1	55	82	0	138	0	0	0	0	0	**75**	**178**	**4**	0	**257**	**466**
Total Volume	50	11	249	0	310	9	248	337	0	594	0	0	0	0	0	202	530	9	0	741	1645
% App. Total	16.1	3.5	80.3	0		1.5	41.8	56.7	0		0	0	0	0		27.3	71.5	1.2	0		
PHF	.735	.550	.889	.000	.923	.450	.899	.818	.000	.928	.000	.000	.000	.000	.000	.673	.744	.563	.000	.721	.883
Passenger Cars	46	11	242	0	299	9	234	333	0	576	0	0	0	0	0	199	524	9	0	732	1607
% Passenger Cars	92.0	100	97.2	0	96.5	100	94.4	98.8	0	97.0	0	0	0	0	0	98.5	98.9	100	0	98.8	97.7
SU Trucks & Buses	0	0	7	0	7	0	8	4	0	12	0	0	0	0	0	1	4	0	0	5	24
% SU Trucks & Buses	0	0	2.8	0	2.3	0	3.2	1.2	0	2.0	0	0	0	0	0	0.5	0.8	0	0	0.7	1.5
MU Trucks	4	0	0	0	4	0	6	0	0	6	0	0	0	0	0	2	2	0	0	4	14
% MU Trucks	8.0	0	0	0	1.3	0	2.4	0	0	1.0	0	0	0	0	0	1.0	0.4	0	0	0.5	0.9

LINK_ID	LINK_NAME	DT	15 min COUNT	SPEED
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8004001	I-87 Ex. 2-4 (NB)	12/13/2011 07:30	821	58
8004001	I-87 Ex. 2-4 (NB)	12/13/2011 07:45	924	58
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8004001	I-87 Ex. 2-4 (NB)	12/13/2011 08:15	822	58
8004001	I-87 Ex. 2-4 (NB)	12/13/2011 08:30	727	58
8004001	I-87 Ex. 2-4 (NB)	12/13/2011 08:45	776	59
8004001	I-87 Ex. 2-4 (NB)	12/13/2011 15:00	986	57
8004001	I-87 Ex. 2-4 (NB)	12/13/2011 15:15	1091	56
8004001	I-87 Ex. 2-4 (NB)	12/13/2011 15:30	1218	57
8004001	I-87 Ex. 2-4 (NB)	12/13/2011 15:45	1209	57
8004001	I-87 Ex. 2-4 (NB)	12/13/2011 16:00	1247	57
8004001	I-87 Ex. 2-4 (NB)	12/13/2011 16:15	1347	55
8004001	I-87 Ex. 2-4 (NB)	12/13/2011 16:30	1259	55
8004001	I-87 Ex. 2-4 (NB)	12/13/2011 16:45	1399	53
8004001	I-87 Ex. 2-4 (NB)	12/13/2011 17:00	1292	51
8004001	I-87 Ex. 2-4 (NB)	12/13/2011 17:15	1265	52
8004001	I-87 Ex. 2-4 (NB)	12/13/2011 17:30	1060	54
8004001	I-87 Ex. 2-4 (NB)	12/13/2011 17:45	985	54
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8004001	I-87 Ex. 2-4 (NB)	12/14/2011 08:30	722	58
8004001	I-87 Ex. 2-4 (NB)	12/14/2011 08:45	762	58
8004001	I-87 Ex. 2-4 (NB)	12/14/2011 15:00	987	58
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8004001	I-87 Ex. 2-4 (NB)	12/14/2011 16:15	1335	55
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8004011	I-87 Ex. 4-2 (SB)	12/13/2011 08:15	1341	57
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8004011	I-87 Ex. 4-2 (SB)	12/13/2011 16:45	1032	56
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8004011	I-87 Ex. 4-2 (SB)	12/13/2011 17:30	946	55
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8005001	I-87 Ex. 4-5 (NB)	12/14/2011 08:30	702	65

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8005001	I-87 Ex. 4-5 (NB)	12/14/2011 16:45	1540	53
8005001	I-87 Ex. 4-5 (NB)	12/14/2011 17:00	1509	54
8005001	I-87 Ex. 4-5 (NB)	12/14/2011 17:15	1441	55
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8005011	I-87 Ex. 5-4 (SB)	12/13/2011 16:15	691	62
8005011	I-87 Ex. 5-4 (SB)	12/13/2011 16:30	690	62
8005011	I-87 Ex. 5-4 (SB)	12/13/2011 16:45	723	60
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8005011	I-87 Ex. 5-4 (SB)	12/14/2011 15:30	692	62
8005011	I-87 Ex. 5-4 (SB)	12/14/2011 15:45	701	63
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8005011	I-87 Ex. 5-4 (SB)	12/14/2011 16:15	687	62
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8005011	I-87 Ex. 5-4 (SB)	12/14/2011 17:00	746	61
8005011	I-87 Ex. 5-4 (SB)	12/14/2011 17:15	846	60
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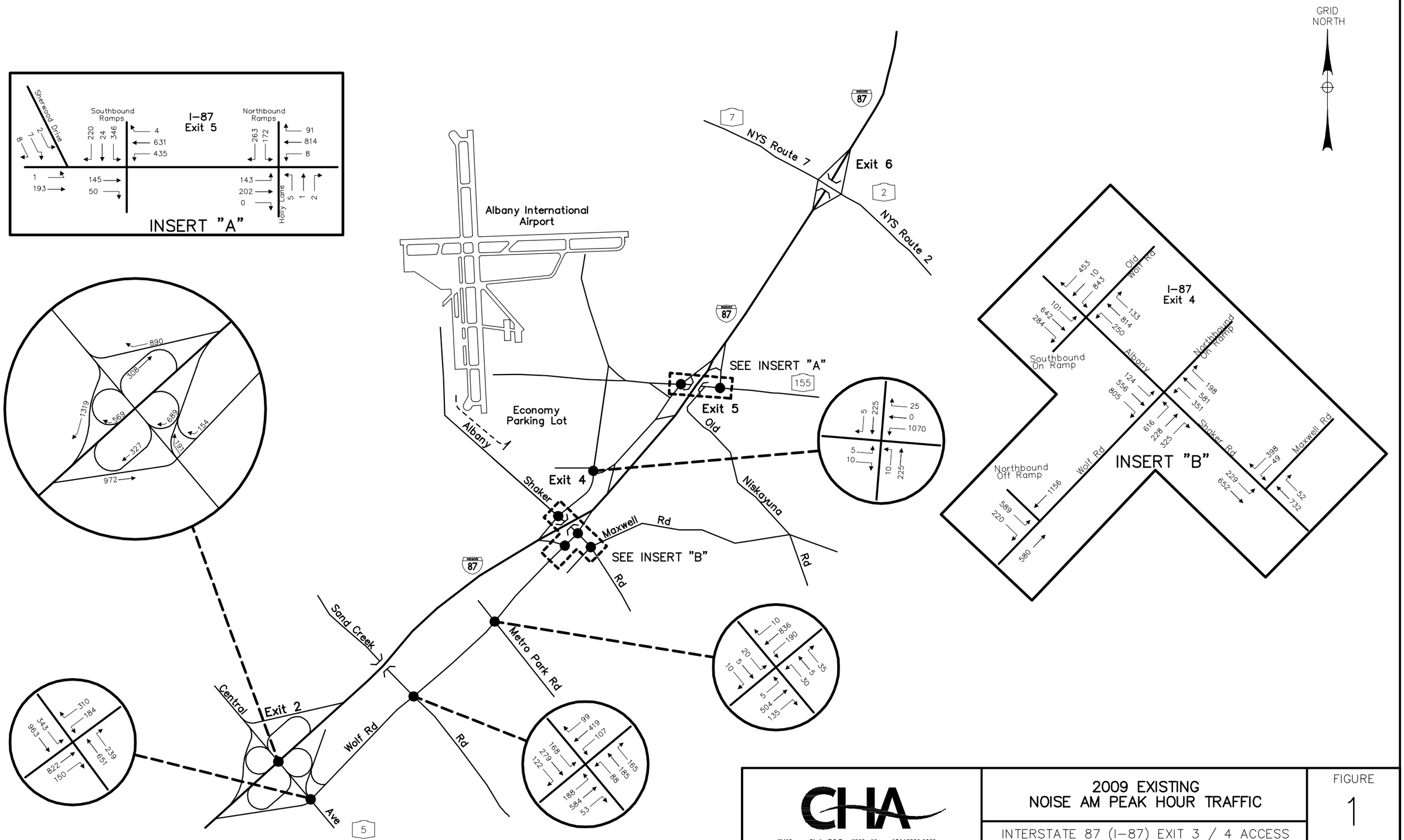
8005011	I-87 Ex. 5-4 (SB)	12/14/2011 17:45	643	61



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2009 EXISTING
NOISE AM PEAK HOUR TRAFFIC

INTERSTATE 87 (I-87) EXIT 3 / 4 ACCESS
ACCESS IMPROVEMENTS

FIGURE
1

DATE: 9/13

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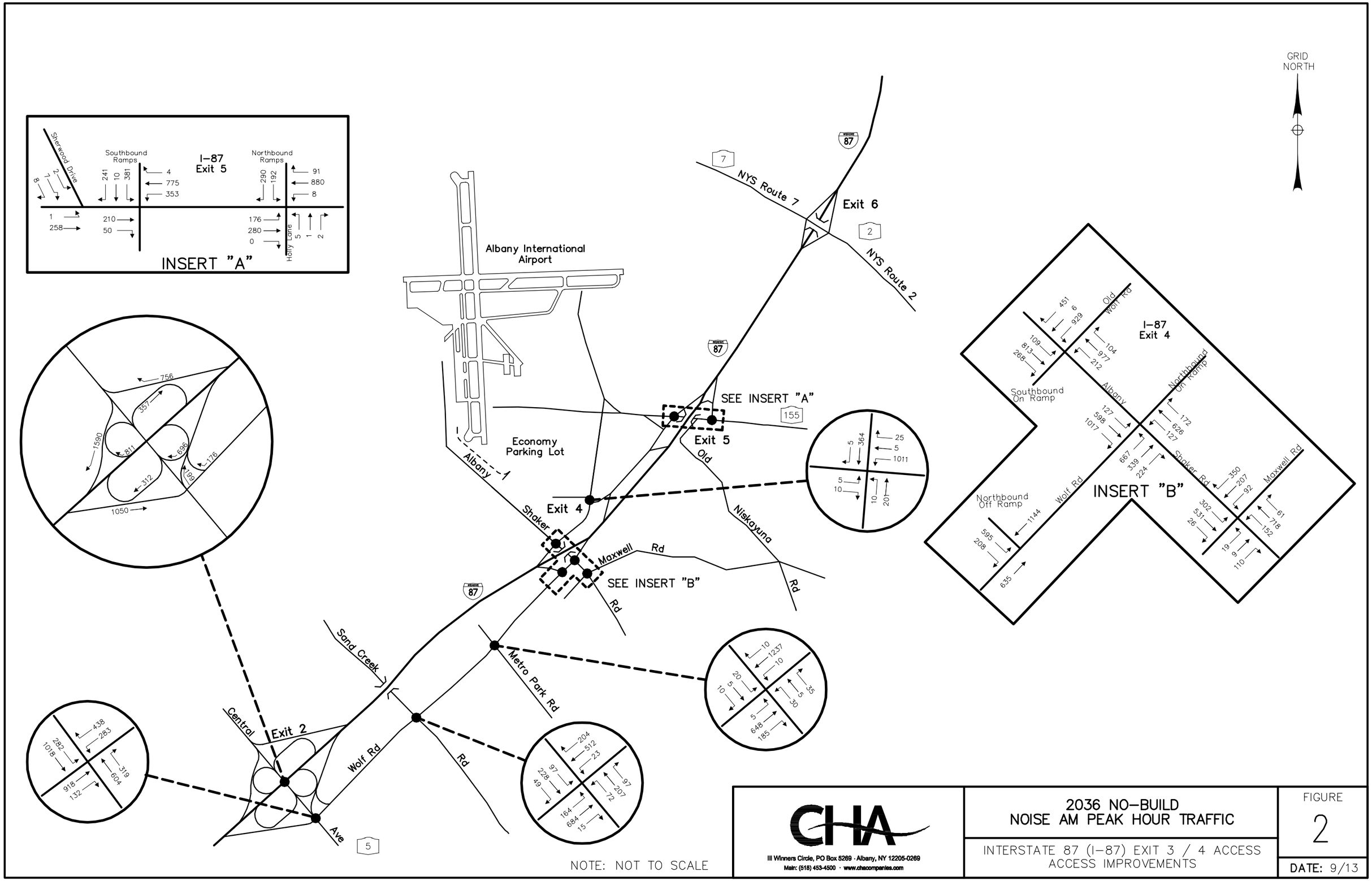

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2036 NO-BUILD
NOISE AM PEAK HOUR TRAFFIC

INTERSTATE 87 (I-87) EXIT 3 / 4 ACCESS
ACCESS IMPROVEMENTS

FIGURE
2

DATE: 9/13

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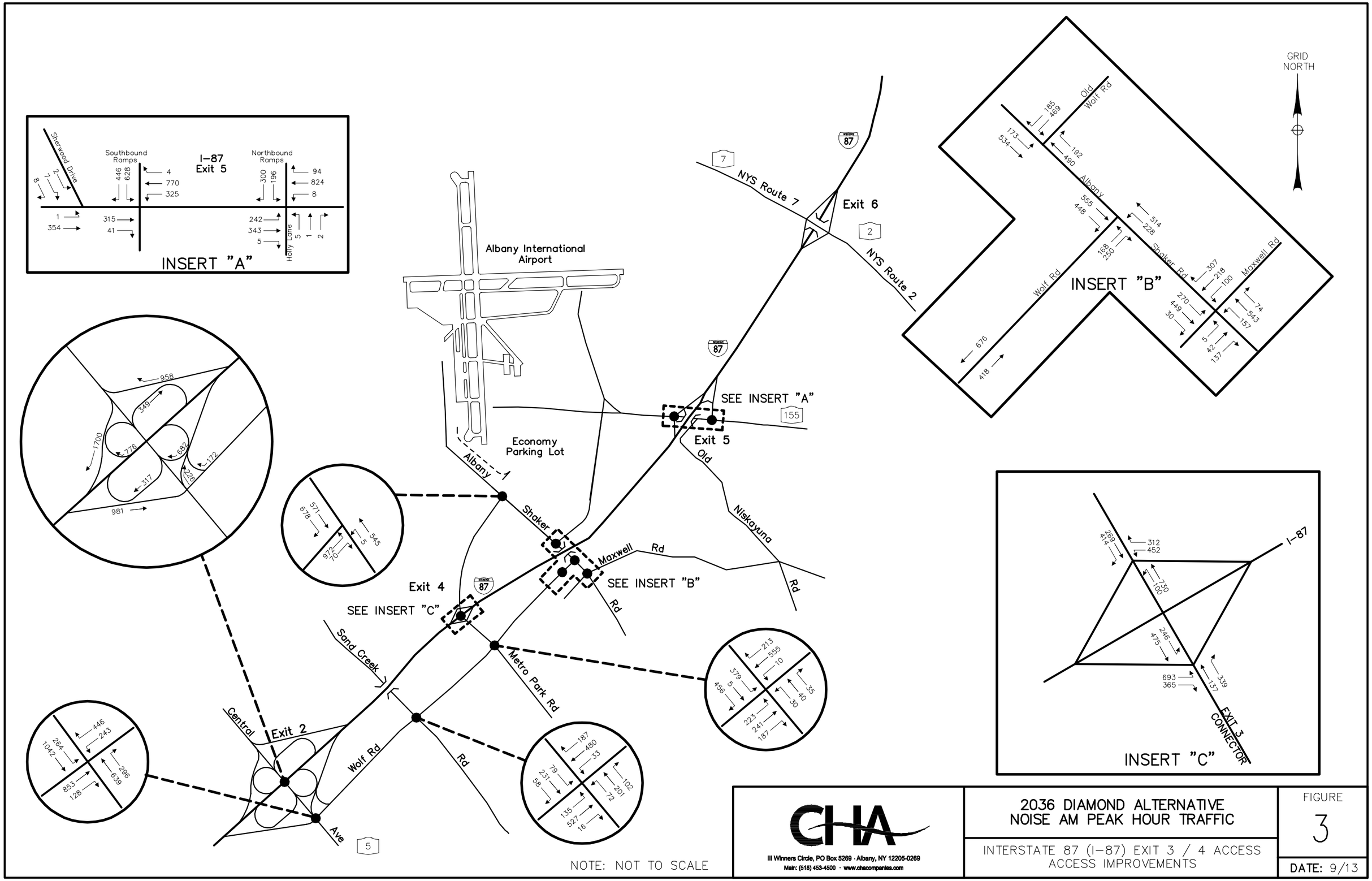

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2036 DIAMOND ALTERNATIVE
NOISE AM PEAK HOUR TRAFFIC

INTERSTATE 87 (I-87) EXIT 3 / 4 ACCESS
ACCESS IMPROVEMENTS

FIGURE
3

DATE: 9/13

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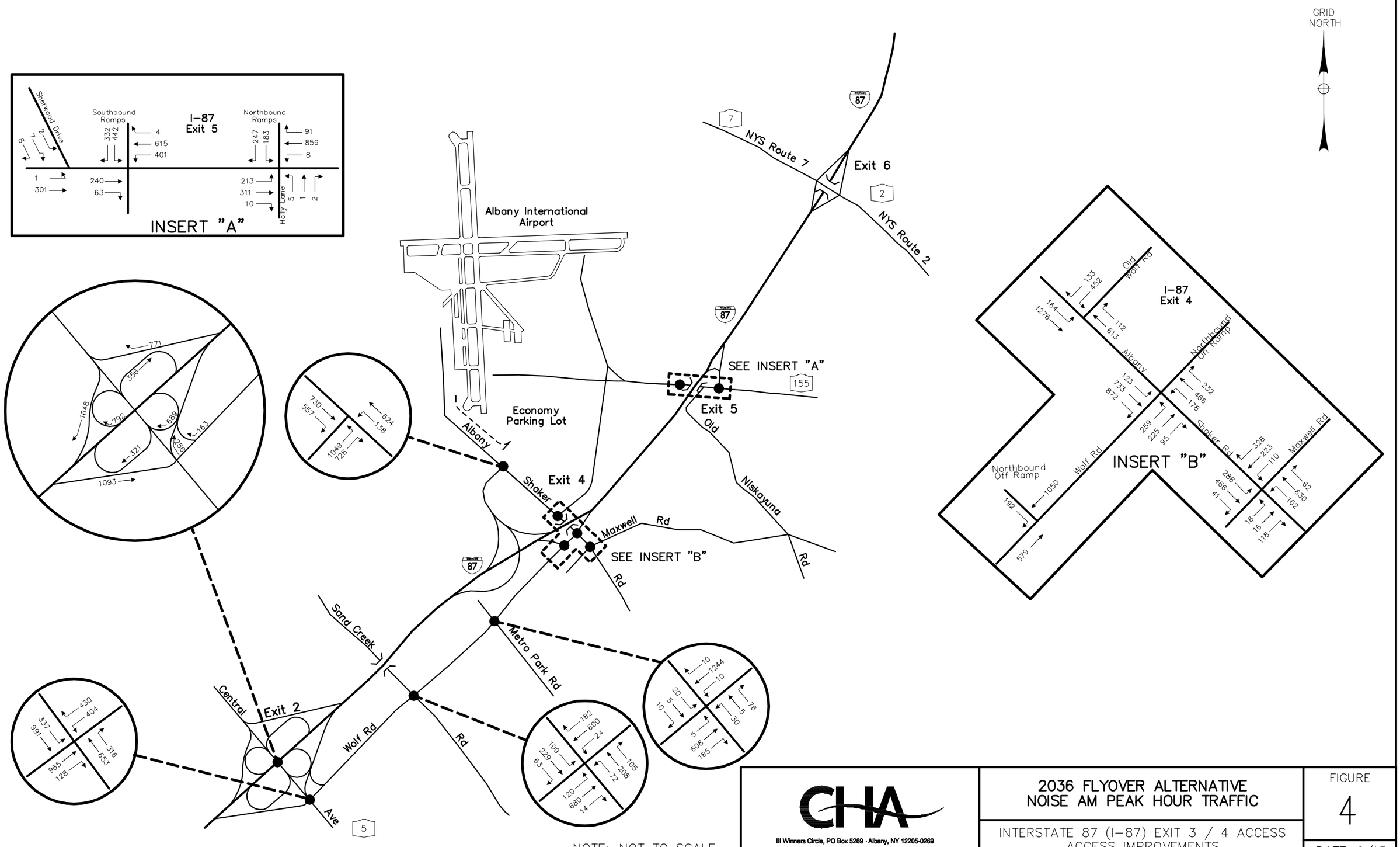

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2036 FLYOVER ALTERNATIVE
NOISE AM PEAK HOUR TRAFFIC

INTERSTATE 87 (I-87) EXIT 3 / 4 ACCESS
ACCESS IMPROVEMENTS

FIGURE
4

DATE: 9/13

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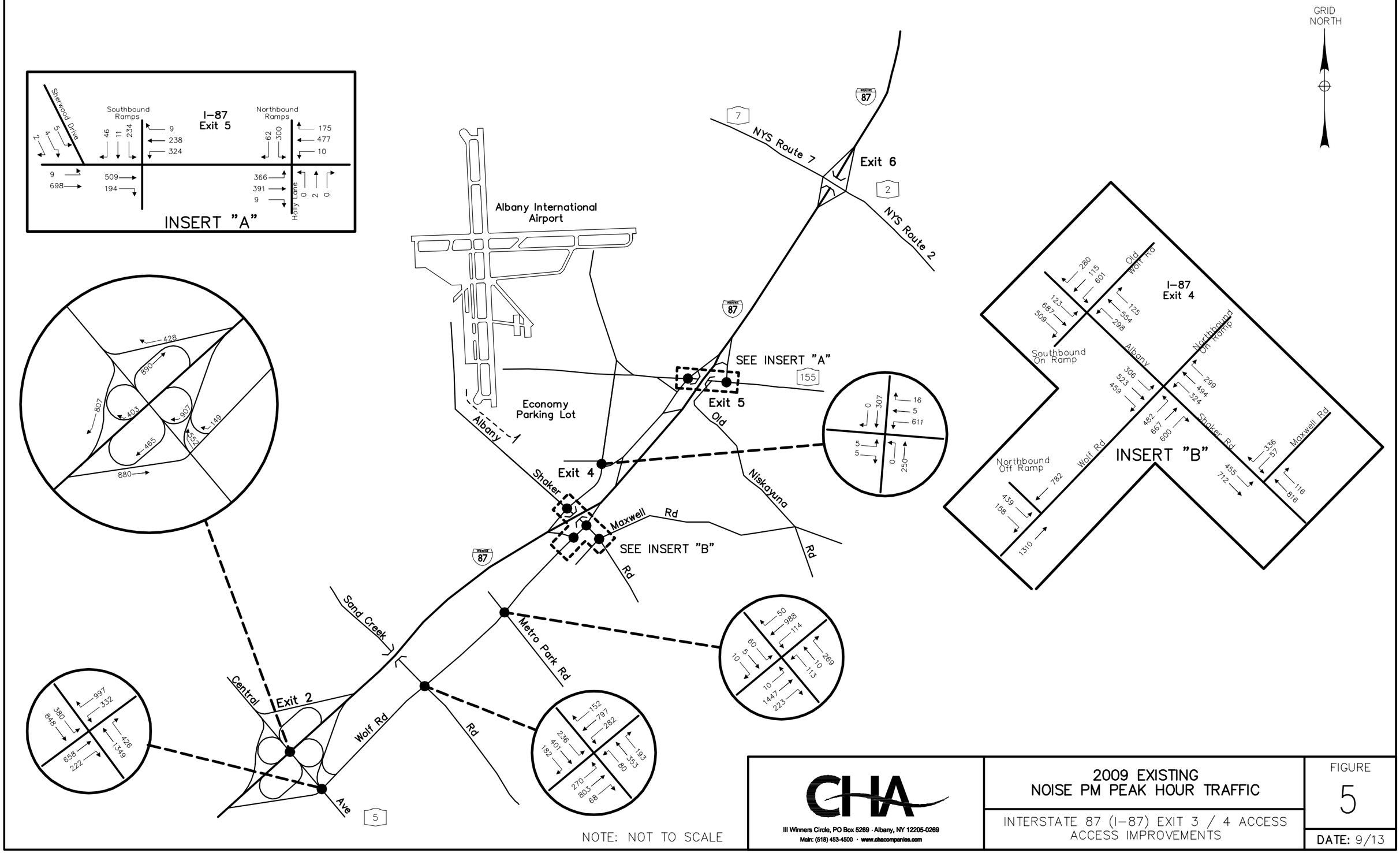

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2009 EXISTING
NOISE PM PEAK HOUR TRAFFIC

INTERSTATE 87 (I-87) EXIT 3 / 4 ACCESS
ACCESS IMPROVEMENTS

FIGURE
5

DATE: 9/13

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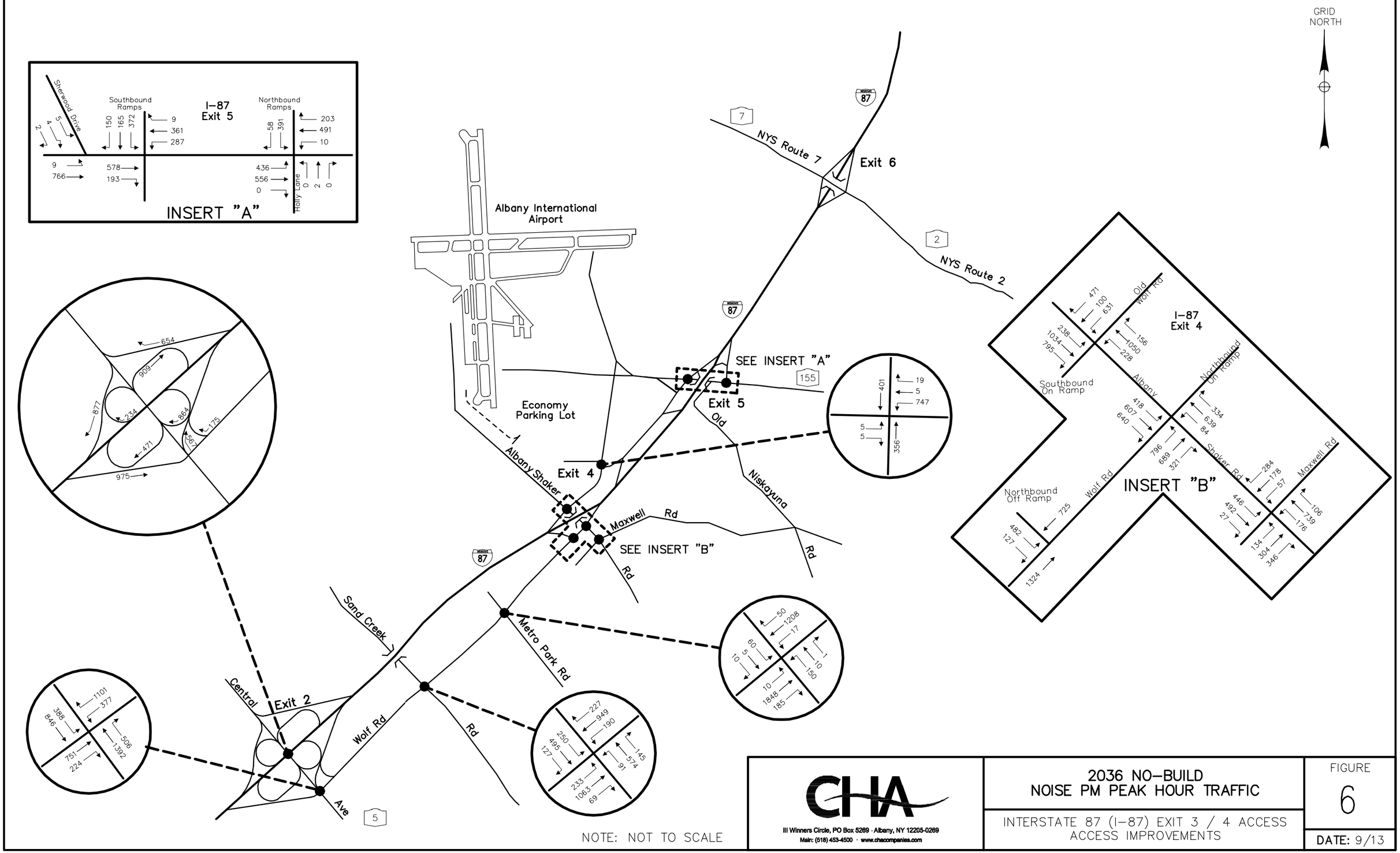

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2036 NO-BUILD
NOISE PM PEAK HOUR TRAFFIC

INTERSTATE 87 (I-87) EXIT 3 / 4 ACCESS
ACCESS IMPROVEMENTS

FIGURE
6

DATE: 9/13

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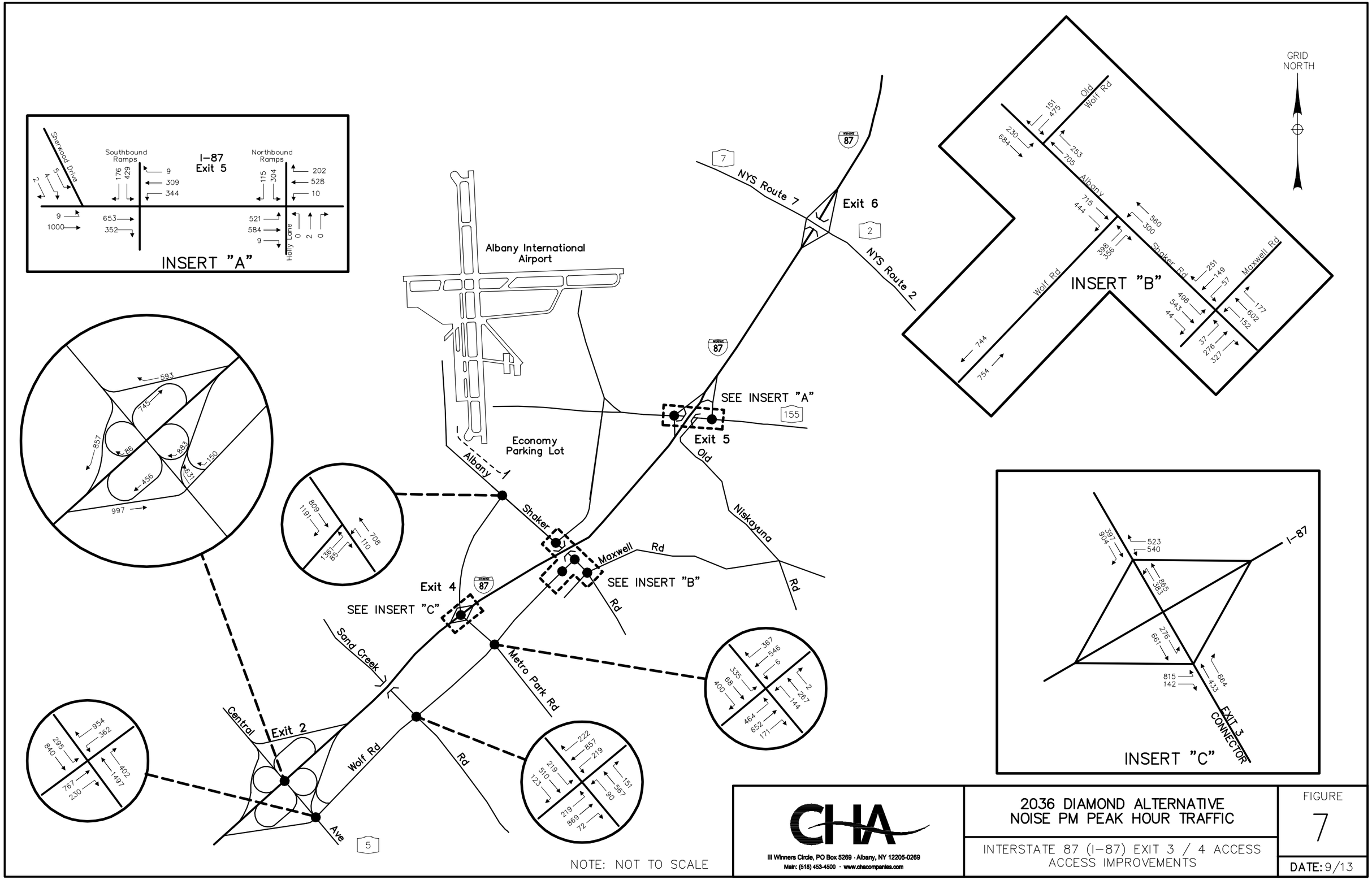

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2036 DIAMOND ALTERNATIVE
NOISE PM PEAK HOUR TRAFFIC

INTERSTATE 87 (I-87) EXIT 3 / 4 ACCESS
ACCESS IMPROVEMENTS

FIGURE
7

DATE: 9/13

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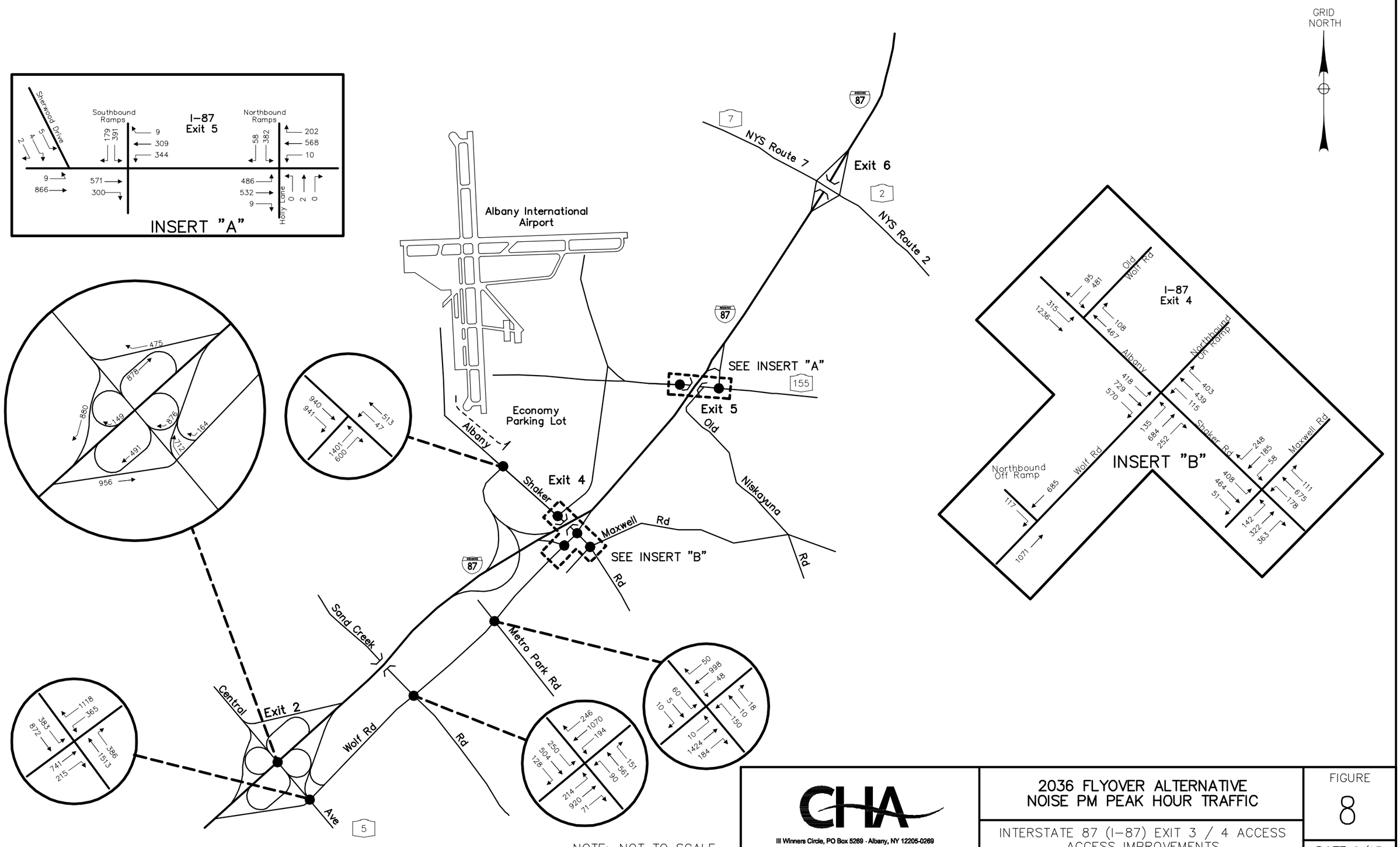

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2036 FLYOVER ALTERNATIVE
NOISE PM PEAK HOUR TRAFFIC

INTERSTATE 87 (I-87) EXIT 3 / 4 ACCESS
ACCESS IMPROVEMENTS

FIGURE
8

DATE: 9/13

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FILE: U:\9456\ACAD\31\ACAD\2008-2009 ANALYSIS\DEIS FIGURES 2012\NOISE REPORT\2036 PM FLYOVER.DWG

Attachment III. Existing Scenario Inputs

CHA					27 February 2012						
EVN					TNM 2.5						
INPUT: ROADWAYS							Average pavement type shall be used unless				
PROJECT/CONTRACT:	Interchange 3/4						a State highway agency substantiates the use				
RUN:	Existing AM						of a different type with the approval of FHWA				
Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)			Flow Control			Segment	
				X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Roadway5	55.0	point52	52	684,734.6	1,423,641.5	320.49				Average	
		point51	51	684,633.5	1,423,502.8	321.19				Average	Y
		point50	50	684,515.8	1,423,339.0	321.20				Average	
		point49	49	684,276.5	1,423,009.8	318.07				Average	
		point48	48	684,072.9	1,422,732.2	314.73				Average	
		point47	47	683,903.5	1,422,498.4	312.76				Average	
		point46	46	683,690.6	1,422,206.0	311.77				Average	
		point45	45	683,315.4	1,421,692.9	309.68				Average	
		point44	44	683,136.0	1,421,446.8	308.16				Average	
		point43	43	683,006.5	1,421,273.8	307.45				Average	
		point42	42	682,855.7	1,421,089.2	306.70				Average	
		point41	41	682,707.4	1,420,920.5	306.10				Average	
		point40	40	682,471.8	1,420,679.4	305.07				Average	
		point39	39	682,212.2	1,420,443.4	305.92				Average	
		point38	38	681,921.9	1,420,212.5	311.19				Average	
		point749	749	681,829.4	1,420,145.5	312.91				Average	
		point750	750	681,606.1	1,419,993.5	316.88				Average	
		point36	36	681,475.4	1,419,908.4	319.12					
Roadway6	15.0	point53	53	682,786.3	1,421,533.4	304.13				Average	
		point54	54	682,585.0	1,421,294.6	304.80				Average	
		point55	55	682,544.3	1,421,230.6	305.41				Average	
		point56	56	682,497.4	1,421,118.1	305.57				Average	
		point57	57	682,451.1	1,420,963.2	305.53				Average	
		point58	58	682,368.4	1,420,690.8	304.42				Average	
		point59	59	682,306.9	1,420,585.5	303.77				Average	

		point60	60	682,224.0	1,420,488.1	304.54				Average	
		point61	61	682,095.3	1,420,378.4	306.70				Average	
		point62	62	681,858.3	1,420,196.9	311.17				Average	
		point63	63	681,653.1	1,420,051.9	315.00				Average	
		point64	64	681,500.5	1,419,944.6	317.85					
Roadway7	30.0	point68	68	683,538.6	1,422,442.6	307.89				Average	
		point67	67	683,387.7	1,422,260.4	306.97				Average	
		point66	66	683,148.4	1,421,975.6	305.85				Average	
		point65	65	682,782.9	1,421,539.2	304.25					
Roadway8	30.0	point79	79	684,722.5	1,423,656.5	320.36				Average	
		point78	78	684,613.4	1,423,511.1	321.13				Average	Y
		point652	652	684,513.8	1,423,377.4	320.88				Average	
		point77	77	684,434.2	1,423,269.8	320.62				Average	
		point76	76	684,222.2	1,422,977.5	317.31				Average	
		point75	75	684,131.6	1,422,861.4	315.49				Average	
		point74	74	684,025.8	1,422,762.5	313.34				Average	
		point73	73	683,857.0	1,422,668.2	309.45				Average	
		point72	72	683,676.6	1,422,562.5	307.47				Average	
		point71	71	683,613.4	1,422,513.5	307.59				Average	
		point70	70	683,556.8	1,422,452.6	307.71				Average	
		point69	69	683,545.1	1,422,438.5	307.67					
Roadway9	15.0	point84	84	684,400.6	1,423,466.8	301.77	Signal	0.00	40	Average	
		point655	655	684,376.9	1,423,445.1	301.70				Average	
		point83	83	684,358.8	1,423,428.5	301.73				Average	
		point82	82	684,303.1	1,423,360.8	301.87				Average	
		point81	81	684,200.1	1,423,236.8	304.12				Average	
		point80	80	684,136.9	1,423,162.0	304.65					
Roadway10	15.0	point88	88	684,136.9	1,423,162.4	304.67				Average	
		point87	87	683,999.4	1,422,999.0	305.80				Average	
		point86	86	683,727.4	1,422,674.1	307.25				Average	
		point85	85	683,540.5	1,422,451.4	307.84					
Roadway11	15.0	point96	96	682,778.4	1,421,541.4	304.12				Average	
		point95	95	682,610.1	1,421,341.5	304.96				Average	
		point94	94	682,481.0	1,421,183.1	305.77				Average	
		point93	93	682,399.5	1,421,097.1	306.28				Average	
		point92	92	682,313.7	1,421,049.4	305.21				Average	
		point91	91	682,225.3	1,421,035.6	304.05				Average	
		point90	90	682,151.4	1,421,040.1	302.89				Average	
		point89	89	682,020.3	1,421,077.4	301.49					

Roadway13	15.0	point117	117	681,996.4	1,421,084.1	301.71	Stop	0.00	100	Average	
		point116	116	681,946.4	1,420,896.8	300.54				Average	
		point115	115	681,896.0	1,420,701.0	300.40				Average	
		point114	114	681,866.0	1,420,566.5	301.95				Average	
		point113	113	681,792.0	1,420,435.5	302.97				Average	
		point112	112	681,730.5	1,420,355.0	303.46				Average	
		point111	111	681,645.5	1,420,286.5	302.79					
Roadway15	15.0	point131	131	684,444.8	1,423,492.1	302.17	Signal	0.00	70	Average	
		point130	130	684,429.0	1,423,442.8	302.05				Average	
		point129	129	684,442.9	1,423,430.8	302.14				Average	
		point128	128	684,447.0	1,423,427.2	302.16				Average	
		point127	127	684,526.8	1,423,419.1	302.40				Average	
		point126	126	684,593.9	1,423,415.0	302.60				Average	
		point125	125	684,671.8	1,423,403.4	302.57					
Roadway16	30.0	point140	140	685,384.9	1,424,555.6	302.52				Average	
		point139	139	685,242.9	1,424,377.1	306.33				Average	
		point138	138	685,204.5	1,424,326.8	307.45				Average	
		point137	137	685,132.8	1,424,227.2	309.52				Average	
		point136	136	684,913.2	1,423,997.8	311.21				Average	
		point135	135	684,847.5	1,423,927.9	310.12				Average	
		point134	134	684,579.3	1,423,650.6	304.93				Average	
		point133	133	684,479.3	1,423,539.0	303.03				Average	
		point132	132	684,406.0	1,423,462.9	301.83					
Roadway17	15.0	point144	144	684,449.2	1,423,441.6	302.12				Average	
		point143	143	684,429.0	1,423,442.8	302.05				Average	
		point142	142	684,376.9	1,423,445.1	301.70				Average	
		point141	141	684,275.6	1,423,453.6	301.47					
Roadway18	30.0	point145	145	684,275.6	1,423,435.2	301.47				Average	
		point146	146	684,358.8	1,423,428.5	301.73				Average	
		point147	147	684,391.6	1,423,425.8	301.85				Average	
		point148	148	684,488.9	1,423,417.9	302.20				Average	
		point149	149	684,672.1	1,423,402.8	302.55					
Roadway21	55.0	point183	183	685,399.7	1,424,553.0	302.23				Average	
		point182	182	685,282.6	1,424,391.4	305.90				Average	
		point181	181	685,107.1	1,424,150.1	311.08				Average	
		point180	180	684,977.4	1,423,973.8	314.91				Average	
		point179	179	684,836.6	1,423,780.1	318.66				Average	
		point178	178	684,735.9	1,423,643.2	320.47					
Roadway22	60.0	point187	187	684,992.8	1,423,726.1	319.01				Average	

		point186	186	685,267.4	1,424,106.1	310.37				Average	
		point185	185	685,641.2	1,424,626.5	298.44				Average	
		point184	184	686,052.3	1,425,200.1	287.17					
Roadway23	18.0	point192	192	685,545.8	1,423,779.6	302.16				Average	
		point191	191	685,595.1	1,424,347.2	300.80				Average	
		point190	190	685,607.9	1,424,442.6	300.42				Average	
		point189	189	685,667.2	1,424,602.1	298.36				Average	
		point188	188	685,723.4	1,424,697.6	296.23					
Roadway24	15.0	point195	195	685,551.8	1,423,361.9	303.81				Average	
		point194	194	685,517.6	1,423,395.2	303.44				Average	
		point193	193	685,546.8	1,423,778.2	302.14					
Roadway25	15.0	point200	200	685,423.4	1,423,348.8	304.33	Signal	0.00	70	Average	
		point199	199	685,445.0	1,423,350.0	303.92				Average	
		point198	198	685,502.9	1,423,359.6	304.03				Average	
		point197	197	685,515.3	1,423,398.4	303.45				Average	
		point196	196	685,545.3	1,423,778.6	302.16					
Roadway27	30.0	point217	217	685,550.6	1,423,355.8	304.01	Signal	0.00	50	Average	
		point216	216	685,502.9	1,423,359.6	304.03				Average	
		point215	215	685,427.4	1,423,365.9	304.04				Average	
		point214	214	685,206.9	1,423,383.6	303.70				Average	
		point213	213	684,927.2	1,423,404.4	303.25				Average	
		point212	212	684,700.4	1,423,422.2	302.67				Average	
		point211	211	684,673.6	1,423,424.2	302.61					
Roadway28	30.0	point218	218	684,672.6	1,423,402.6	302.55				Average	
		point219	219	684,829.1	1,423,389.6	302.92				Average	
		point220	220	685,064.8	1,423,372.8	303.61				Average	
		point221	221	685,259.7	1,423,356.8	303.96				Average	
		point222	222	685,423.2	1,423,344.1	304.26					
Roadway30	15.0	point236	236	681,161.9	1,419,899.9	300.62	Signal	0.00	60	Average	
		point235	235	681,121.0	1,419,869.0	301.20				Average	
		point234	234	681,095.5	1,419,849.5	301.28				Average	
		point233	233	681,013.0	1,419,782.0	301.78				Average	
		point232	232	680,934.9	1,419,717.6	304.23					
Roadway31	15.0	point241	241	681,150.9	1,419,819.6	301.96	Signal	0.00	60	Average	
		point240	240	681,136.5	1,419,824.4	301.88				Average	
		point239	239	681,116.4	1,419,830.9	301.49				Average	
		point238	238	681,089.6	1,419,837.6	301.08				Average	
		point237	237	680,934.0	1,419,716.5	304.28					
Roadway33	15.0	point255	255	680,933.1	1,419,716.1	304.23	Onramp	30.00	100	Average	

		point254	254	680,676.0	1,419,502.5	313.42				Average	
		point253	253	680,527.5	1,419,384.0	312.81				Average	
		point252	252	680,259.0	1,419,229.0	308.19				Average	
		point251	251	679,710.5	1,418,888.5	306.98					
Roadway35	30.0	point264	264	681,343.0	1,419,664.0	303.69				Average	
		point265	265	681,161.9	1,419,831.0	301.63					
Roadway36	15.0	point267	267	681,293.5	1,419,687.0	303.53				Average	
		point266	266	681,152.0	1,419,819.0	301.96					
Roadway37	30.0	point268	268	681,225.6	1,419,730.1	302.77				Average	
		point269	269	681,247.1	1,419,710.0	303.00				Average	
		point270	270	681,394.8	1,419,572.4	304.66					
Roadway40	30.0	point286	286	681,623.5	1,419,398.5	307.54	Signal	0.00	60	Average	
		point285	285	681,592.6	1,419,432.5	307.10				Average	
		point284	284	681,573.1	1,419,453.6	306.94				Average	
		point283	283	681,525.7	1,419,495.0	306.25				Average	
		point282	282	681,344.5	1,419,662.5	303.70					
Roadway41	30.0	point291	291	681,541.5	1,419,394.5	306.74	Signal	0.00	60	Average	
		point290	290	681,550.8	1,419,410.4	306.85				Average	
		point289	289	681,549.6	1,419,430.9	306.91				Average	
		point753	753	681,545.2	1,419,447.0	306.80				Average	
		point288	288	681,525.5	1,419,491.5	306.35				Average	
		point287	287	681,344.0	1,419,662.0	303.71					
Roadway42	30.0	point296	296	681,835.9	1,419,143.4	305.66				Average	
		point295	295	681,821.0	1,419,162.0	305.86				Average	
		point294	294	681,752.0	1,419,247.0	306.82				Average	
		point293	293	681,669.0	1,419,347.0	307.52				Average	
		point292	292	681,623.5	1,419,398.5	307.54					
Roadway43	30.0	point311	311	681,551.9	1,419,389.1	306.82	Signal	0.00	60	Average	
		point310	310	681,570.8	1,419,407.1	307.20				Average	
		point309	309	681,592.6	1,419,432.5	307.10				Average	
		point665	665	681,620.6	1,419,457.0	306.76				Average	
		point666	666	681,648.5	1,419,481.5	306.47				Average	
		point308	308	681,676.5	1,419,506.0	306.18				Average	
		point307	307	681,858.0	1,419,750.5	304.93				Average	
		point306	306	681,914.5	1,419,831.5	304.90				Average	
		point305	305	682,033.5	1,419,955.5	305.17				Average	
		point304	304	682,219.5	1,420,103.5	305.71				Average	
		point303	303	682,418.0	1,420,273.0	306.58				Average	
		point302	302	682,597.5	1,420,473.0	307.33				Average	

		point301	301	682,776.0	1,420,690.5	307.89				Average	
		point300	300	682,867.0	1,420,791.0	308.23				Average	
		point299	299	683,029.0	1,420,978.0	308.95				Average	
		point298	298	683,158.5	1,421,141.5	309.66				Average	
		point297	297	683,225.5	1,421,230.5	310.10					
Roadway44	15.0	point317	317	681,837.9	1,419,150.4	305.60				Average	
		point316	316	681,754.8	1,419,251.4	306.70				Average	
		point315	315	681,739.2	1,419,287.8	306.35				Average	
		point314	314	681,645.2	1,419,399.5	306.75				Average	
		point313	313	681,623.8	1,419,429.9	306.72				Average	
		point312	312	681,648.8	1,419,473.5	306.28					
Roadway45	30.0	point335	335	681,508.9	1,419,469.0	306.28	Signal	0.00	60	Average	
		point334	334	681,549.6	1,419,430.9	306.91				Average	
		point333	333	681,570.8	1,419,407.1	307.20				Average	
		point332	332	681,599.6	1,419,377.4	307.45				Average	
		point331	331	681,690.5	1,419,268.9	307.13				Average	
		point330	330	681,796.4	1,419,138.2	305.81				Average	
		point329	329	681,870.9	1,419,046.5	304.89				Average	
		point328	328	681,937.4	1,418,962.4	304.00				Average	
		point327	327	681,998.5	1,418,893.0	303.57				Average	
		point326	326	682,083.2	1,418,793.4	303.84				Average	
		point325	325	682,124.5	1,418,743.0	304.68				Average	
		point324	324	682,173.5	1,418,679.5	305.04				Average	
		point323	323	682,276.0	1,418,541.0	305.58				Average	
		point322	322	682,356.0	1,418,420.0	306.11				Average	
		point321	321	682,455.5	1,418,260.5	306.98				Average	
		point320	320	682,502.0	1,418,182.0	307.35				Average	
		point319	319	682,541.0	1,418,118.0	307.90				Average	
		point318	318	682,592.5	1,418,030.0	308.64					
Roadway48	15.0	point346	346	681,829.0	1,419,144.5	305.80				Average	
		point347	347	681,765.0	1,419,210.0	306.56				Average	
		point348	348	681,721.0	1,419,258.0	307.21				Average	
		point349	349	681,671.5	1,419,317.5	307.74				Average	
		point350	350	681,614.0	1,419,384.0	307.77					
Roadway49	30.0	point355	355	681,614.0	1,419,384.0	307.77	Signal	0.00	70	Average	
		point354	354	681,570.8	1,419,407.1	307.20				Average	
		point353	353	681,550.8	1,419,410.4	306.85				Average	
		point352	352	681,524.2	1,419,401.8	306.52				Average	
		point351	351	681,225.5	1,419,108.5	303.64					

Roadway50	30.0	point356	356	681,204.6	1,419,040.8	303.45	Signal	0.00	30	Average	
		point357	357	681,282.4	1,419,123.2	303.91					
Roadway51	30.0	point366	366	681,202.6	1,419,122.4	303.34	Signal	0.00	70	Average	
		point365	365	681,216.8	1,419,106.2	303.54				Average	
		point364	364	681,249.5	1,419,092.2	303.69				Average	
		point363	363	681,282.4	1,419,123.2	303.91					
Roadway53	15.0	point370	370	681,388.3	1,419,554.4	304.51				Average	
		point371	371	681,472.6	1,419,477.2	305.51				Average	
		point372	372	681,503.2	1,419,436.2	305.92					
Roadway54	25.0	point375	375	680,358.9	1,419,038.5	310.61				Average	
		point376	376	680,411.8	1,419,058.8	311.63				Average	
		point377	377	680,573.4	1,419,142.4	315.03				Average	
		point378	378	680,671.8	1,419,197.9	317.19				Average	
		point379	379	680,794.9	1,419,244.8	318.46				Average	
		point380	380	680,884.3	1,419,251.5	316.94				Average	
		point381	381	680,940.0	1,419,246.5	315.33				Average	
		point382	382	680,991.1	1,419,236.0	313.26				Average	
		point383	383	681,065.8	1,419,208.4	309.62				Average	
		point384	384	681,103.9	1,419,187.0	307.62				Average	
		point385	385	681,146.4	1,419,160.1	305.73				Average	
		point386	386	681,194.5	1,419,116.2	303.29					
Roadway55	15.0	point389	389	681,186.5	1,419,100.5	303.01	Signal	0.00	60	Average	
		point388	388	681,174.5	1,419,072.0	302.85				Average	
		point387	387	681,008.5	1,418,910.0	301.68					
Roadway56	30.0	point390	390	681,213.8	1,419,103.0	303.49	Signal	0.00	30	Average	
		point391	391	681,190.2	1,419,079.8	303.25				Average	
		point392	392	681,010.6	1,418,903.0	301.82					
Roadway57	30.0	point393	393	677,401.9	1,415,205.2	299.77				Average	
		point394	394	678,218.0	1,415,901.6	302.95				Average	
		point395	395	678,581.7	1,416,213.2	305.12				Average	
		point396	396	678,807.5	1,416,409.0	304.35				Average	
		point397	397	678,956.8	1,416,537.6	303.79					
Roadway63	12.0	point442	442	680,348.7	1,419,040.1	310.37				Average	
		point443	443	680,423.5	1,419,084.0	312.11				Average	
		point444	444	680,610.5	1,419,192.5	316.49				Average	
		point445	445	680,846.5	1,419,328.5	321.40				Average	
		point446	446	681,057.0	1,419,451.5	323.68				Average	
		point447	447	681,288.1	1,419,584.1	323.99				Average	Y
		point448	448	681,433.8	1,419,668.8	323.06				Average	

		point449	449	681,680.5	1,419,818.5	319.52				Average	
		point450	450	681,776.0	1,419,879.5	317.52				Average	
		point451	451	681,886.0	1,419,955.5	315.10				Average	
		point452	452	682,096.5	1,420,109.5	310.34				Average	
		point453	453	682,343.0	1,420,312.0	306.40				Average	
		point454	454	682,621.0	1,420,567.0	306.86				Average	
		point455	455	682,814.0	1,420,767.0	307.67				Average	
		point456	456	683,021.0	1,421,003.0	308.72				Average	
		point457	457	683,208.5	1,421,244.0	309.64					
Roadway64	60.0	point458	458	675,993.5	1,415,375.5	313.27				Average	
		point459	459	676,171.0	1,415,585.0	315.54				Average	
		point654	654	676,325.8	1,415,764.8	315.41				Average	Y
		point460	460	676,480.5	1,415,944.5	315.29				Average	
		point461	461	676,699.5	1,416,202.0	310.65				Average	
		point462	462	676,959.0	1,416,493.0	304.59				Average	
		point463	463	677,145.0	1,416,689.5	301.82				Average	
		point464	464	677,413.5	1,416,955.0	302.65				Average	
		point465	465	677,734.5	1,417,252.5	303.90				Average	
		point466	466	677,995.0	1,417,478.0	304.94				Average	
		point467	467	678,211.0	1,417,652.5	305.66				Average	
		point468	468	678,458.5	1,417,846.5	306.62				Average	
		point469	469	678,682.5	1,418,009.0	306.89				Average	
		point470	470	678,903.5	1,418,165.0	306.58				Average	
		point471	471	679,123.5	1,418,311.0	306.14				Average	
		point472	472	679,351.5	1,418,454.5	305.73				Average	
		point473	473	679,717.5	1,418,672.5	305.38				Average	
		point474	474	679,933.5	1,418,798.5	305.32				Average	
		point475	475	680,088.0	1,418,887.0	306.00				Average	
		point476	476	680,225.5	1,418,968.0	307.85				Average	
		point477	477	680,346.9	1,419,039.1	310.33					
Roadway65	12.0	point485	485	681,070.6	1,419,887.0	300.92	Signal	0.00	80	Average	
		point484	484	681,091.2	1,419,873.6	301.01				Average	
		point483	483	681,121.0	1,419,869.0	301.20				Average	
		point482	482	681,148.8	1,419,866.5	300.48				Average	
		point481	481	681,185.3	1,419,886.6	300.34				Average	
		point480	480	681,212.1	1,419,909.1	300.13				Average	
		point479	479	681,263.8	1,419,952.4	300.16				Average	
		point478	478	681,299.1	1,419,982.6	300.49					
Roadway66	15.0	point493	493	681,356.2	1,419,679.6	302.62				Average	

		point492	492	681,277.4	1,419,741.4	301.15				Average	
		point491	491	681,209.2	1,419,799.8	300.64				Average	
		point490	490	681,194.6	1,419,819.6	300.56				Average	
		point489	489	681,201.8	1,419,887.6	300.08				Average	
		point488	488	681,212.9	1,419,907.2	300.12				Average	
		point487	487	681,263.9	1,419,951.9	300.15				Average	
		point486	486	681,299.8	1,419,981.9	300.49					
Roadway67	12.0	point499	499	681,167.4	1,419,887.4	300.77	Signal	0.00	70	Average	
		point498	498	681,148.8	1,419,866.5	300.48				Average	
		point497	497	681,140.6	1,419,850.6	301.41				Average	
		point496	496	681,136.5	1,419,824.4	301.88				Average	
		point495	495	681,167.1	1,419,789.5	302.18				Average	
		point494	494	681,227.4	1,419,734.5	302.81					
Roadway32-2	12.0	point595	595	680,846.0	1,420,070.0	299.64				Average	
		point247	247	680,857.5	1,420,046.0	299.46				Average	
		point246	246	680,956.0	1,419,954.5	300.20				Average	
		point245	245	681,041.5	1,419,873.5	300.59				Average	
		point244	244	681,056.0	1,419,847.0	300.48				Average	
		point243	243	681,042.0	1,419,809.0	301.15				Average	
		point242	242	680,933.0	1,419,716.5	304.28					
Roadway32-2	30.0	point596	596	681,053.8	1,419,886.9	301.10	Signal	0.00	40	Average	
		point273	273	681,095.5	1,419,849.5	301.28				Average	
		point274	274	681,116.4	1,419,830.9	301.49				Average	
		point275	275	681,143.1	1,419,807.0	301.79				Average	
		point276	276	681,225.0	1,419,730.6	302.76					
Roadway86	55.0	point605	605	681,473.1	1,419,907.8	319.11				Average	
		point604	604	681,292.5	1,419,801.0	320.61				Average	Y
		point603	603	681,139.2	1,419,713.4	321.14				Average	
		point602	602	680,851.9	1,419,548.8	319.26				Average	
		point601	601	680,654.1	1,419,430.0	315.43				Average	
		point600	600	680,320.5	1,419,235.5	308.88				Average	
		point599	599	680,108.5	1,419,112.5	307.59				Average	
		point598	598	679,877.5	1,418,979.5	307.18				Average	
		point597	597	679,713.1	1,418,884.5	306.91					
Roadway89	60.0	point611	611	679,711.4	1,418,883.4	306.90				Average	
		point612	612	679,544.5	1,418,787.0	306.59				Average	
		point613	613	679,197.5	1,418,577.0	305.92				Average	
		point615	615	678,749.0	1,418,284.5	305.04				Average	
		point616	616	678,521.5	1,418,125.5	304.63				Average	

		point618	618	678,156.5	1,417,850.0	303.46				Average	
		point620	620	677,897.0	1,417,640.5	302.35				Average	
		point622	622	677,625.0	1,417,408.0	301.39				Average	
		point624	624	677,355.5	1,417,159.0	300.24				Average	
		point625	625	677,154.5	1,416,962.0	299.63				Average	
		point627	627	676,745.5	1,416,535.0	306.85				Average	
		point628	628	676,617.0	1,416,388.5	309.93				Average	
		point629	629	676,368.0	1,416,101.5	315.12				Average	
		point653	653	676,284.2	1,416,003.2	315.71				Average	Y
		point630	630	676,200.5	1,415,905.0	316.30				Average	
		point631	631	676,082.0	1,415,763.5	315.85					
Roadway58-Roadway60	30.0	point413	413	681,010.2	1,418,902.9	301.82				Average	
		point414	414	680,647.2	1,418,546.2	303.52				Average	
		point415	415	680,437.7	1,418,340.9	304.59				Average	
		point416	416	680,285.1	1,418,191.5	305.41				Average	
		point417	417	680,150.4	1,418,059.1	305.74				Average	
		point418	418	680,005.3	1,417,913.2	305.16				Average	
		point419	419	679,849.4	1,417,732.6	304.19				Average	
		point420	420	679,721.5	1,417,560.6	303.76				Average	
		point421	421	679,614.3	1,417,415.4	304.32					
Roadway14	15.0	point436	436	684,669.9	1,423,412.4	302.60				Average	
		point435	435	684,475.0	1,423,427.1	302.19				Average	
		point434	434	684,449.1	1,423,429.4	302.12					
Roadway14-2	15.0	point632	632	684,449.1	1,423,429.4	302.12				Average	
		point123	123	684,442.9	1,423,430.8	302.14				Average	
		point122	122	684,391.6	1,423,425.8	301.85				Average	
		point121	121	684,336.5	1,423,400.1	301.79				Average	
		point120	120	684,303.6	1,423,360.1	301.87				Average	
		point119	119	684,200.6	1,423,236.1	304.12				Average	
		point118	118	684,137.4	1,423,161.2	304.65					
Roadway94	30.0	point635	635	684,670.0	1,423,424.6	302.60				Average	
		point634	634	684,475.1	1,423,439.2	302.19				Average	
		point633	633	684,449.2	1,423,441.6	302.12					
Roadway87-Roadway26	15.0	point210	210	684,911.5	1,423,587.8	320.90				Average	
		point209	209	685,061.1	1,423,773.8	317.61				Average	
		point208	208	685,118.6	1,423,840.5	315.56				Average	
		point207	207	685,219.4	1,423,895.4	312.12				Average	
		point206	206	685,304.2	1,423,898.6	309.19				Average	
		point205	205	685,374.8	1,423,877.0	306.93				Average	

		point204	204	685,425.2	1,423,845.4	305.04				Average	
		point203	203	685,478.9	1,423,787.2	303.75				Average	
		point202	202	685,515.3	1,423,676.9	302.75				Average	
		point754	754	685,503.1	1,423,553.8	303.23					
Roadway87-Roadway26-2	12.0	point646	646	685,486.8	1,423,385.4	303.71	Signal	0.00	60	Average	
		point606	606	685,502.9	1,423,359.6	304.03				Average	
		point607	607	685,533.2	1,423,337.4	304.17					
Roadway98	30.0	point647	647	685,426.5	1,423,344.0	304.20	Signal	0.00	40	Average	
		point648	648	685,547.8	1,423,335.2	304.10				Average	
		point650	650	686,038.0	1,423,288.2	305.30					
Roadway88-2	30.0	point608	608	686,035.4	1,423,307.4	305.29				Average	
		point651	651	685,552.0	1,423,355.8	304.14					
Roadway100	15.0	point659	659	681,562.6	1,419,366.6	306.48	Signal	0.00	50	Average	
		point658	658	681,579.8	1,419,368.6	306.81				Average	
		point657	657	681,612.9	1,419,356.2	307.50				Average	
		point656	656	681,785.2	1,419,143.6	305.88					
Roadway101	15.0	point660	660	681,516.4	1,419,479.5	306.60	Signal	0.00	70	Average	
		point748	748	681,545.2	1,419,447.0	306.80				Average	
		point747	747	681,567.4	1,419,438.2	306.85				Average	
		point662	662	681,592.6	1,419,432.5	307.10				Average	
		point663	663	681,615.8	1,419,450.9	306.80				Average	
		point664	664	681,649.2	1,419,478.9	306.50					
Roadway95-2	15.0	point668	668	681,303.0	1,419,985.5	300.48				Average	
		point639	639	681,497.0	1,420,146.0	301.57				Average	
		point752	752	681,562.5	1,420,200.5	302.09				Average	
		point751	751	681,682.8	1,420,302.8	303.15				Average	
		point641	641	681,737.5	1,420,350.5	303.69				Average	
		point642	642	681,799.0	1,420,425.0	303.41				Average	
		point643	643	681,846.5	1,420,510.0	302.53				Average	
		point644	644	681,877.0	1,420,584.0	301.85				Average	
		point688	688	681,998.5	1,421,055.1	300.96					
Roadway13-2	15.0	point669	669	681,643.3	1,420,284.9	302.79				Average	
		point110	110	681,506.2	1,420,181.5	301.55				Average	
		point109	109	681,423.9	1,420,113.0	301.29				Average	
		point108	108	681,276.8	1,419,990.4	300.21				Average	
		point107	107	681,167.8	1,419,902.0	300.49					
Roadway104	15.0	point670	670	681,645.5	1,420,287.5	302.80				Average	
		point671	671	681,498.5	1,420,185.0	301.50				Average	
		point672	672	681,418.8	1,420,122.0	301.30				Average	

		point673	673	681,268.0	1,419,997.5	300.20				Average	
		point674	674	681,150.5	1,419,902.0	300.50					
Roadway105	15.0	point675	675	681,643.6	1,420,284.5	302.80				Average	
		point676	676	681,508.4	1,420,175.0	301.50				Average	
		point677	677	681,428.8	1,420,108.4	301.30				Average	
		point678	678	681,277.1	1,419,982.9	300.20				Average	
		point679	679	681,171.8	1,419,896.6	300.50					
Roadway106	15.0	point681	681	680,852.7	1,420,082.2	299.60				Average	
		point682	682	681,066.1	1,419,895.1	301.10					
Roadway32-2	30.0	point683	683	680,846.0	1,420,070.0	299.64				Average	
		point272	272	681,053.8	1,419,886.9	301.10					
Roadway32	30.0	point594	594	678,390.6	1,421,972.4	284.25				Average	
		point593	593	678,414.8	1,421,910.9	284.00				Average	
		point592	592	678,440.8	1,421,852.5	283.84				Average	
		point591	591	678,471.3	1,421,795.6	284.01				Average	
		point590	590	678,502.8	1,421,743.1	284.43				Average	
		point589	589	678,539.8	1,421,689.0	285.01				Average	
		point588	588	678,579.7	1,421,637.2	285.37				Average	
		point587	587	678,618.6	1,421,590.9	286.10				Average	
		point586	586	678,661.5	1,421,545.1	286.54				Average	
		point585	585	678,708.5	1,421,499.9	287.20				Average	
		point584	584	678,758.6	1,421,456.9	287.70				Average	
		point583	583	678,809.1	1,421,418.8	288.17				Average	
		point582	582	678,863.4	1,421,381.8	288.56				Average	
		point581	581	678,914.8	1,421,349.8	288.66				Average	
		point580	580	678,972.5	1,421,318.9	289.18				Average	
		point579	579	679,031.2	1,421,291.8	289.65				Average	
		point578	578	679,086.1	1,421,269.8	289.74				Average	
		point577	577	679,117.0	1,421,258.8	290.07				Average	
		point547	547	679,153.6	1,421,247.4	290.53				Average	
		point546	546	679,215.8	1,421,229.6	290.91				Average	
		point545	545	679,279.4	1,421,212.2	291.13				Average	
		point544	544	679,342.9	1,421,195.0	291.33				Average	
		point543	543	679,406.5	1,421,177.5	291.80				Average	
		point542	542	679,471.6	1,421,159.8	292.01				Average	
		point541	541	679,535.2	1,421,141.8	292.48				Average	
		point540	540	679,596.9	1,421,121.0	292.78				Average	
		point526	526	679,628.3	1,421,108.5	292.83				Average	
		point527	527	679,679.6	1,421,086.6	293.23				Average	

		point528	528	679,738.1	1,421,056.9	293.27				Average	
		point529	529	679,800.6	1,421,021.1	293.61				Average	
		point530	530	679,860.4	1,420,982.5	293.96				Average	
		point531	531	679,913.3	1,420,943.6	294.40				Average	
		point512	512	679,963.3	1,420,901.0	294.61				Average	
		point511	511	680,012.1	1,420,856.9	295.02				Average	
		point510	510	680,060.1	1,420,812.4	295.20				Average	
		point509	509	680,108.4	1,420,768.1	295.48				Average	
		point508	508	680,156.6	1,420,723.9	296.00				Average	
		point507	507	680,205.4	1,420,679.1	296.23				Average	
		point505	505	680,302.0	1,420,590.4	296.82				Average	
		point504	504	680,350.1	1,420,546.0	296.94				Average	
		point503	503	680,398.3	1,420,501.8	297.32				Average	
		point502	502	680,449.8	1,420,454.5	297.56				Average	
		point501	501	680,498.8	1,420,409.4	297.72				Average	
		point500	500	680,545.6	1,420,366.4	297.89				Average	
		point250	250	680,723.0	1,420,191.0	298.98				Average	
		point249	249	680,770.5	1,420,143.0	299.23				Average	
		point248	248	680,846.0	1,420,070.0	299.64					
Roadway34	30.0	point263	263	681,161.7	1,419,831.2	301.63	Signal	0.00	40	Average	
		point262	262	681,140.6	1,419,850.6	301.41				Average	
		point261	261	681,121.0	1,419,869.0	301.20				Average	
		point260	260	681,072.5	1,419,913.5	301.16				Average	
		point259	259	680,965.5	1,420,012.0	300.47				Average	
		point258	258	680,862.0	1,420,105.5	299.86				Average	
		point257	257	680,701.5	1,420,252.5	298.74				Average	
		point256	256	680,680.5	1,420,271.5	298.60				Average	
		point513	513	680,565.8	1,420,377.9	297.96				Average	
		point514	514	680,516.1	1,420,423.4	297.60				Average	
		point515	515	680,464.9	1,420,470.1	297.28				Average	
		point516	516	680,412.8	1,420,518.4	297.13				Average	
		point517	517	680,364.5	1,420,562.6	296.84				Average	
		point518	518	680,316.7	1,420,606.9	296.55				Average	
		point519	519	680,267.8	1,420,651.2	296.32				Average	
		point520	520	680,219.6	1,420,695.8	296.18				Average	
		point521	521	680,171.4	1,420,740.4	295.75				Average	
		point522	522	680,122.9	1,420,784.5	295.52				Average	
		point523	523	680,074.5	1,420,828.8	295.41				Average	
		point524	524	680,026.1	1,420,873.2	295.28				Average	

		point525	525	679,977.3	1,420,917.2	295.14				Average	
		point538	538	679,927.2	1,420,959.6	294.96				Average	
		point537	537	679,874.4	1,420,998.9	294.62				Average	
		point536	536	679,812.2	1,421,038.9	294.08				Average	
		point535	535	679,784.4	1,421,055.8	294.06				Average	
		point534	534	679,719.9	1,421,090.5	293.97				Average	
		point533	533	679,660.1	1,421,118.4	293.68				Average	
		point532	532	679,651.4	1,421,122.4	293.83				Average	
		point556	556	679,640.9	1,421,126.6	293.65				Average	
		point555	555	679,572.3	1,421,152.2	293.18				Average	
		point554	554	679,509.9	1,421,171.2	292.61				Average	
		point553	553	679,444.8	1,421,189.0	292.27				Average	
		point552	552	679,381.1	1,421,206.4	291.59				Average	
		point551	551	679,316.0	1,421,224.4	291.01				Average	
		point550	550	679,252.8	1,421,240.9	290.66				Average	
		point549	549	679,189.9	1,421,258.5	290.29				Average	
		point557	557	679,123.9	1,421,279.1	289.28				Average	
		point558	558	679,092.7	1,421,290.2	289.06				Average	
		point559	559	679,040.8	1,421,311.0	288.89				Average	
		point560	560	678,981.9	1,421,337.8	288.43				Average	
		point561	561	678,924.7	1,421,368.6	288.08				Average	
		point562	562	678,875.2	1,421,399.5	287.80				Average	
		point563	563	678,821.2	1,421,436.6	287.44				Average	
		point564	564	678,773.3	1,421,472.6	287.03				Average	
		point565	565	678,723.1	1,421,515.0	286.43				Average	
		point566	566	678,676.1	1,421,561.0	285.85				Average	
		point567	567	678,633.9	1,421,606.4	285.28				Average	
		point568	568	678,597.3	1,421,649.2	284.86				Average	
		point569	569	678,558.3	1,421,701.1	284.15				Average	
		point570	570	678,521.8	1,421,756.2	283.57				Average	
		point571	571	678,492.2	1,421,807.6	283.12				Average	
		point572	572	678,466.1	1,421,863.9	283.04				Average	
		point573	573	678,442.4	1,421,922.6	283.27				Average	
		point574	574	678,420.8	1,421,983.6	283.80					
Roadway110	15.0	point684	684	685,497.2	1,423,558.4	302.37				Average	
		point685	685	685,493.1	1,423,509.0	302.63				Average	
		point686	686	685,483.5	1,423,425.4	303.09				Average	
		point687	687	685,472.2	1,423,381.9	303.45					
Roadway29	60.0	point437	437	683,208.8	1,421,244.8	309.64				Average	

		point438	438	683,423.8	1,421,542.1	310.51				Average	
		point439	439	683,468.0	1,421,603.9	310.73				Average	
		point440	440	683,658.4	1,421,869.8	311.64				Average	
		point223	223	683,886.8	1,422,186.8	312.81				Average	
		point224	224	683,995.1	1,422,337.9	313.42				Average	
		point225	225	684,139.9	1,422,533.6	314.04				Average	
		point226	226	684,300.8	1,422,762.5	315.44				Average	
		point227	227	684,443.3	1,422,962.2	317.68				Average	
		point228	228	684,571.1	1,423,136.5	319.80				Average	
		point229	229	684,706.8	1,423,326.1	321.40				Average	Y
		point230	230	684,838.4	1,423,508.5	321.49				Average	
		point231	231	684,992.4	1,423,724.2	319.06					
Roadway47	30.0	point341	341	682,616.0	1,418,012.0	308.88				Average	
		point340	340	682,438.0	1,418,311.0	306.96				Average	
		point339	339	682,347.5	1,418,454.5	306.31				Average	
		point338	338	682,273.5	1,418,565.0	305.73				Average	
		point337	337	682,165.1	1,418,706.6	305.23				Average	
		point336	336	682,077.1	1,418,832.1	303.83				Average	
		point345	345	682,071.5	1,418,844.0	304.03				Average	
		point344	344	681,921.0	1,419,036.5	304.66				Average	
		point343	343	681,900.5	1,419,062.5	304.85				Average	
		point342	342	681,838.2	1,419,140.4	305.62					
Roadway95-2-2	15.0	point689	689	681,998.5	1,421,055.1	300.96				Average	
		point645	645	682,119.9	1,421,526.2	300.07					
Roadway37-2	30.0	point690	690	681,394.8	1,419,572.4	304.66				Average	
		point271	271	681,506.9	1,419,469.4	306.22					
Roadway53-2	15.0	point691	691	681,503.2	1,419,436.2	305.92	Signal	0.00	30	Average	
		point373	373	681,500.9	1,419,397.4	306.09				Average	
		point374	374	681,216.8	1,419,106.2	303.54					
Roadway116	15.0	point692	692	679,558.9	1,416,905.0	305.27				Average	
		point693	693	679,509.5	1,416,958.9	305.42				Average	
		point694	694	679,414.2	1,417,055.9	305.56					
Roadway117	12.0	point699	699	679,340.5	1,416,952.2	306.42	Signal	0.00	20	Average	
		point698	698	679,409.2	1,416,978.8	305.17				Average	
		point697	697	679,471.6	1,416,959.5	304.67					
Roadway119	12.0	point705	705	678,962.8	1,416,539.5	303.92				Average	
		point706	706	679,035.0	1,416,612.2	304.46				Average	
		point707	707	679,113.7	1,416,693.2	305.07				Average	
		point708	708	679,223.1	1,416,805.9	305.76				Average	

		point709	709	679,313.2	1,416,920.1	306.24				Average	
		point710	710	679,334.1	1,416,949.4	306.08					
Roadway120	12.0	point711	711	679,585.2	1,416,865.6	305.27				Average	
		point712	712	679,545.3	1,416,902.8	305.23				Average	
		point713	713	679,518.4	1,416,932.4	305.06				Average	
		point714	714	679,504.7	1,416,947.1	305.01				Average	
		point715	715	679,490.6	1,416,961.8	304.99				Average	
		point716	716	679,461.4	1,416,989.9	305.04				Average	
		point717	717	679,446.2	1,417,003.5	305.15					
Roadway120-2	12.0	point728	728	679,446.2	1,417,003.5	305.15	Signal	0.00	70	Average	
		point718	718	679,438.6	1,417,010.1	305.22				Average	
		point740	740	679,417.2	1,417,010.5	305.20				Average	
		point719	719	679,395.8	1,417,010.9	305.15				Average	
		point720	720	679,374.2	1,417,005.0	305.82				Average	
		point721	721	679,353.8	1,416,999.6	306.00				Average	
		point722	722	679,324.1	1,416,991.1	306.22				Average	
		point723	723	679,297.9	1,416,978.8	305.99				Average	
		point724	724	679,284.5	1,416,964.9	305.91				Average	
		point725	725	679,268.1	1,416,945.0	305.93				Average	
		point726	726	679,227.7	1,416,891.9	305.81					
Roadway58-Roadway60-2	30.0	point729	729	679,379.0	1,417,094.6	305.46	Signal	0.00	30	Average	
		point423	423	679,225.9	1,416,890.0	306.14					
Roadway57-2	30.0	point731	731	679,328.1	1,416,963.2	306.12	Signal	0.00	30	Average	
		point727	727	679,353.8	1,416,999.6	306.00				Average	
		point745	745	679,400.8	1,417,059.9	305.70				Average	
		point402	402	679,425.3	1,417,093.8	305.38				Average	
		point403	403	679,578.7	1,417,301.4	304.40				Average	
		point404	404	679,713.5	1,417,484.6	303.76				Average	
		point405	405	679,848.1	1,417,666.5	303.82				Average	
		point406	406	679,949.3	1,417,792.4	304.61				Average	
		point407	407	680,060.8	1,417,914.6	305.13				Average	
		point408	408	680,255.6	1,418,107.5	305.27				Average	
		point409	409	680,524.1	1,418,371.4	304.38				Average	
		point410	410	680,757.5	1,418,600.2	303.29				Average	
		point411	411	680,961.5	1,418,802.0	302.24				Average	
		point412	412	681,201.8	1,419,038.8	303.31					
Roadway58-Roadway60-2-2	30.0	point732	732	679,225.9	1,416,890.0	306.14				Average	
		point424	424	679,067.3	1,416,703.8	304.85				Average	
		point425	425	678,950.4	1,416,578.9	304.00				Average	

		point426	426	678,797.1	1,416,448.6	304.09				Average	
		point427	427	678,597.4	1,416,278.0	304.84				Average	
		point428	428	678,254.9	1,415,984.9	303.34				Average	
		point430	430	678,062.0	1,415,826.5	302.40				Average	
		point432	432	677,704.0	1,415,520.9	299.86				Average	
		point433	433	677,055.5	1,414,960.5	299.12					
Roadway50-2	30.0	point733	733	681,282.4	1,419,123.2	303.91				Average	
		point358	358	681,309.6	1,419,158.0	304.47				Average	
		point359	359	681,458.0	1,419,313.0	305.75				Average	
		point360	360	681,541.0	1,419,394.0	306.74					
Roadway51-2	30.0	point734	734	681,282.4	1,419,123.2	303.91				Average	
		point362	362	681,364.9	1,419,206.2	304.72				Average	
		point361	361	681,548.5	1,419,383.4	306.72					
Roadway52-2	15.0	point735	735	681,258.4	1,419,088.5	303.38				Average	
		point369	369	681,556.9	1,419,370.5	306.62					
Roadway58-Roadway60-2	30.0	point736	736	679,614.3	1,417,415.4	304.32				Average	
		point422	422	679,379.0	1,417,094.6	305.46					
Roadway129	12.0	point737	737	679,618.6	1,417,403.8	304.30				Average	
		point738	738	679,400.7	1,417,102.6	305.50					
Roadway117-2	15.0	point739	739	679,472.6	1,416,961.0	304.67				Average	
		point696	696	679,495.2	1,416,936.6	304.74				Average	
		point695	695	679,702.3	1,416,704.4	305.16					
Roadway131	12.0	point741	741	679,400.7	1,417,102.6	305.50	Signal	30.00	70	Average	
		point746	746	679,400.8	1,417,059.9	305.70				Average	
		point742	742	679,417.2	1,417,010.5	305.20				Average	
		point743	743	679,470.2	1,416,963.4	304.70					
Roadway57-2	30.0	point744	744	678,958.6	1,416,539.4	303.79				Average	
		point398	398	679,034.5	1,416,612.9	304.46				Average	
		point399	399	679,113.1	1,416,693.9	305.07				Average	
		point400	400	679,214.8	1,416,813.8	305.76				Average	
		point401	401	679,302.4	1,416,927.0	306.24				Average	
		point730	730	679,328.1	1,416,963.2	306.12					
Roadway87-Roadway26-2	15.0	point755	755	685,503.1	1,423,553.8	303.23				Average	
		point201	201	685,486.8	1,423,385.4	303.71					
Roadway134	12.0	point756	756	685,181.6	1,422,187.5	314.13				Average	
		point757	757	684,840.2	1,422,496.5	306.28				Average	
		point758	758	684,607.8	1,422,707.0	304.90				Average	
		point759	759	684,562.5	1,422,758.6	304.69				Average	
		point760	760	684,538.4	1,422,814.5	304.42				Average	

		point761	761	684,539.1	1,422,873.4	304.52				Average	
		point762	762	684,562.1	1,422,923.8	304.21				Average	
		point763	763	684,632.7	1,423,015.1	303.95				Average	
		point764	764	684,760.5	1,423,182.1	303.55				Average	
		point765	765	684,833.2	1,423,280.5	303.38				Average	
		point766	766	684,885.4	1,423,367.2	302.82					
Roadway135	12.0	point767	767	684,849.3	1,423,373.5	302.71				Average	
		point768	768	684,816.4	1,423,276.8	303.39				Average	
		point769	769	684,733.4	1,423,165.5	303.52				Average	
		point770	770	684,604.1	1,423,000.1	304.05				Average	
		point771	771	684,541.2	1,422,916.8	304.76				Average	
		point772	772	684,523.7	1,422,844.9	304.91				Average	
		point773	773	684,541.2	1,422,771.8	305.02				Average	
		point774	774	684,587.9	1,422,710.4	305.13				Average	
		point775	775	684,761.3	1,422,554.8	305.62				Average	
		point776	776	684,956.8	1,422,376.0	308.18				Average	
		point777	777	685,139.9	1,422,208.4	313.27					

CHA				**27 February 2012**								
EVN				**TNM 2.5**								
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	**Interchange 3/4**											
RUN:	**Existing AM**											
Roadway	**Points**											
Name	**Name**	**No.**	**Segment**									
			Autos		**MTrucks**		**HTrucks**		**Buses**		**Motorcycles**	
			V	**S**	**V**	**S**	**V**	**S**	**V**	**S**	**V**	**S**
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Roadway5	point52	52	3299	56	34	56	34	56	0	0	0	0
	point51	51	3299	56	34	56	34	56	0	0	0	0
	point50	50	3299	56	34	56	34	56	0	0	0	0
	point49	49	3299	56	34	56	34	56	0	0	0	0
	point48	48	3299	56	34	56	34	56	0	0	0	0
	point47	47	3299	56	34	56	34	56	0	0	0	0
	point46	46	3299	56	34	56	34	56	0	0	0	0
	point45	45	3299	56	34	56	34	56	0	0	0	0
	point44	44	3299	56	34	56	34	56	0	0	0	0
	point43	43	3299	56	34	56	34	56	0	0	0	0
	point42	42	3299	56	34	56	34	56	0	0	0	0
	point41	41	3299	56	34	56	34	56	0	0	0	0
	point40	40	3299	56	34	56	34	56	0	0	0	0
	point39	39	3299	56	34	56	34	56	0	0	0	0
	point38	38	3299	56	34	56	34	56	0	0	0	0
	point749	749	3299	56	34	56	34	56	0	0	0	0
	point750	750	3299	56	34	56	34	56	0	0	0	0
	point36	36										
Roadway6	point53	53	427	55	12	55	2	55	0	0	0	0
	point54	54	427	55	12	55	2	55	0	0	0	0
	point55	55	427	55	12	55	2	55	0	0	0	0
	point56	56	427	55	12	55	2	55	0	0	0	0
	point57	57	427	55	12	55	2	55	0	0	0	0

	point58	58	427	55	12	55	2	55	0	0	0	0
	point59	59	427	55	12	55	2	55	0	0	0	0
	point60	60	427	55	12	55	2	55	0	0	0	0
	point61	61	427	55	12	55	2	55	0	0	0	0
	point62	62	427	55	12	55	2	55	0	0	0	0
	point63	63	427	55	12	55	2	55	0	0	0	0
	point64	64										
Roadway7	point68	68	1519	55	20	55	3	55	0	0	0	0
	point67	67	1519	55	20	55	3	55	0	0	0	0
	point66	66	1519	55	20	55	3	55	0	0	0	0
	point65	65										
Roadway8	point79	79	1025	55	7	55	1	55	0	0	0	0
	point78	78	1025	55	7	55	1	55	0	0	0	0
	point652	652	1025	55	7	55	1	55	0	0	0	0
	point77	77	1025	55	7	55	1	55	0	0	0	0
	point76	76	1025	55	7	55	1	55	0	0	0	0
	point75	75	1025	55	7	55	1	55	0	0	0	0
	point74	74	1025	55	7	55	1	55	0	0	0	0
	point73	73	1025	55	7	55	1	55	0	0	0	0
	point72	72	1025	55	7	55	1	55	0	0	0	0
	point71	71	1025	55	7	55	1	55	0	0	0	0
	point70	70	1025	55	7	55	1	55	0	0	0	0
	point69	69										
Roadway9	point84	84	69	45	3	45	2	45	0	0	0	0
	point655	655	69	45	3	45	2	45	0	0	0	0
	point83	83	69	45	3	45	2	45	0	0	0	0
	point82	82	69	45	3	45	2	45	0	0	0	0
	point81	81	69	45	3	45	2	45	0	0	0	0
	point80	80										
Roadway10	point88	88	494	45	13	45	2	45	0	0	0	0
	point87	87	494	45	13	45	2	45	0	0	0	0
	point86	86	494	45	13	45	2	45	0	0	0	0
	point85	85										
Roadway11	point96	96	1092	45	7	45	1	45	0	0	0	0
	point95	95	1092	45	7	45	1	45	0	0	0	0
	point94	94	1092	45	7	45	1	45	0	0	0	0

	point93	93	1092	45	7	45	1	45	0	0	0	0
	point92	92	1092	45	7	45	1	45	0	0	0	0
	point91	91	1092	45	7	45	1	45	0	0	0	0
	point90	90	1092	45	7	45	1	45	0	0	0	0
	point89	89										
Roadway13	point117	117	1255	40	25	40	7	40	0	0	0	0
	point116	116	1255	40	25	40	7	40	0	0	0	0
	point115	115	1255	40	25	40	7	40	0	0	0	0
	point114	114	1255	40	25	40	7	40	0	0	0	0
	point113	113	1255	40	25	40	7	40	0	0	0	0
	point112	112	1255	40	25	40	7	40	0	0	0	0
	point111	111										
Roadway15	point131	131	337	40	9	40	1	40	0	0	0	0
	point130	130	337	40	9	40	1	40	0	0	0	0
	point129	129	337	40	9	40	1	40	0	0	0	0
	point128	128	337	40	9	40	1	40	0	0	0	0
	point127	127	337	40	9	40	1	40	0	0	0	0
	point126	126	337	40	9	40	1	40	0	0	0	0
	point125	125										
Roadway16	point140	140	588	50	11	50	1	50	0	0	0	0
	point139	139	588	50	11	50	1	50	0	0	0	0
	point138	138	588	50	11	50	1	50	0	0	0	0
	point137	137	588	50	11	50	1	50	0	0	0	0
	point136	136	588	50	11	50	1	50	0	0	0	0
	point135	135	588	50	11	50	1	50	0	0	0	0
	point134	134	588	50	11	50	1	50	0	0	0	0
	point133	133	588	50	11	50	1	50	0	0	0	0
	point132	132										
Roadway17	point144	144	936	40	22	40	7	40	0	0	0	0
	point143	143	936	40	22	40	7	40	0	0	0	0
	point142	142	936	40	22	40	7	40	0	0	0	0
	point141	141										
Roadway18	point145	145	139	40	10	40	3	40	0	0	0	0
	point146	146	139	40	10	40	3	40	0	0	0	0
	point147	147	139	40	10	40	3	40	0	0	0	0
	point148	148	139	40	10	40	3	40	0	0	0	0

	point149	149										
Roadway21	point183	183	4312	56	44	56	44	56	0	0	0	0
	point182	182	4312	56	44	56	44	56	0	0	0	0
	point181	181	4312	56	44	56	44	56	0	0	0	0
	point180	180	4312	56	44	56	44	56	0	0	0	0
	point179	179	4312	56	44	56	44	56	0	0	0	0
	point178	178										
Roadway22	point187	187	2221	56	22	56	22	56	0	0	0	0
	point186	186	2221	56	22	56	22	56	0	0	0	0
	point185	185	2221	56	22	56	22	56	0	0	0	0
	point184	184										
Roadway23	point192	192	130	55	2	55	2	55	0	0	0	0
	point191	191	130	55	2	55	2	55	0	0	0	0
	point190	190	130	55	2	55	2	55	0	0	0	0
	point189	189	130	55	2	55	2	55	0	0	0	0
	point188	188										
Roadway24	point195	195	89	45	1	45	1	45	0	0	0	0
	point194	194	89	45	1	45	1	45	0	0	0	0
	point193	193										
Roadway25	point200	200	141	45	1	45	1	45	0	0	0	0
	point199	199	141	45	1	45	1	45	0	0	0	0
	point198	198	141	45	1	45	1	45	0	0	0	0
	point197	197	141	45	1	45	1	45	0	0	0	0
	point196	196										
Roadway27	point217	217	1057	40	24	40	6	40	0	0	0	0
	point216	216	1057	40	24	40	6	40	0	0	0	0
	point215	215	1057	40	24	40	6	40	0	0	0	0
	point214	214	1057	40	24	40	6	40	0	0	0	0
	point213	213	1057	40	24	40	6	40	0	0	0	0
	point212	212	1057	40	24	40	6	40	0	0	0	0
	point211	211										
Roadway28	point218	218	476	40	19	40	4	40	0	0	0	0
	point219	219	476	40	19	40	4	40	0	0	0	0
	point220	220	476	40	19	40	4	40	0	0	0	0
	point221	221	476	40	19	40	4	40	0	0	0	0
	point222	222										

Roadway30	point236	236	32	60	0	0	3	60	0	0	0	0
	point235	235	32	60	0	0	3	60	0	0	0	0
	point234	234	32	60	0	0	3	60	0	0	0	0
	point233	233	32	60	0	0	3	60	0	0	0	0
	point232	232										
Roadway31	point241	241	233	30	10	30	3	30	0	0	0	0
	point240	240	233	30	10	30	3	30	0	0	0	0
	point239	239	233	30	10	30	3	30	0	0	0	0
	point238	238	233	30	10	30	3	30	0	0	0	0
	point237	237										
Roadway33	point255	255	490	50	15	50	8	50	0	0	0	0
	point254	254	490	50	15	50	8	50	0	0	0	0
	point253	253	490	50	15	50	8	50	0	0	0	0
	point252	252	490	50	15	50	8	50	0	0	0	0
	point251	251										
Roadway35	point264	264	808	45	16	45	6	45	0	0	0	0
	point265	265										
Roadway36	point267	267	233	30	10	30	3	30	0	0	0	0
	point266	266										
Roadway37	point268	268	1399	40	11	40	0	0	0	0	0	0
	point269	269	1399	40	11	40	0	0	0	0	0	0
	point270	270										
Roadway40	point286	286	50	40	4	40	1	40	0	0	0	0
	point285	285	50	40	4	40	1	40	0	0	0	0
	point284	284	50	40	4	40	1	40	0	0	0	0
	point283	283	50	40	4	40	1	40	0	0	0	0
	point282	282										
Roadway41	point291	291	597	40	7	40	10	40	0	0	0	0
	point290	290	597	40	7	40	10	40	0	0	0	0
	point289	289	597	40	7	40	10	40	0	0	0	0
	point753	753	597	40	7	40	10	40	0	0	0	0
	point288	288	597	40	7	40	10	40	0	0	0	0
	point287	287										
Roadway42	point296	296	50	40	4	40	1	40	0	0	0	0
	point295	295	50	40	4	40	1	40	0	0	0	0
	point294	294	50	40	4	40	1	40	0	0	0	0

	point293	293	50	40	4	40	1	40	0	0	0	0
	point292	292										
Roadway43	point311	311	427	50	6	50	4	50	0	0	0	0
	point310	310	427	50	6	50	4	50	0	0	0	0
	point309	309	427	50	6	50	4	50	0	0	0	0
	point665	665	427	50	6	50	4	50	0	0	0	0
	point666	666	427	50	6	50	4	50	0	0	0	0
	point308	308	427	50	6	50	4	50	0	0	0	0
	point307	307	427	50	6	50	4	50	0	0	0	0
	point306	306	427	50	6	50	4	50	0	0	0	0
	point305	305	427	50	6	50	4	50	0	0	0	0
	point304	304	427	50	6	50	4	50	0	0	0	0
	point303	303	427	50	6	50	4	50	0	0	0	0
	point302	302	427	50	6	50	4	50	0	0	0	0
	point301	301	427	50	6	50	4	50	0	0	0	0
	point300	300	427	50	6	50	4	50	0	0	0	0
	point299	299	427	50	6	50	4	50	0	0	0	0
	point298	298	427	50	6	50	4	50	0	0	0	0
	point297	297										
Roadway44	point317	317	188	40	1	40	1	40	0	0	0	0
	point316	316	188	40	1	40	1	40	0	0	0	0
	point315	315	188	40	1	40	1	40	0	0	0	0
	point314	314	188	40	1	40	1	40	0	0	0	0
	point313	313	188	40	1	40	1	40	0	0	0	0
	point312	312										
Roadway45	point335	335	602	40	6	40	0	0	0	0	0	0
	point334	334	602	40	6	40	0	0	0	0	0	0
	point333	333	602	40	6	40	0	0	0	0	0	0
	point332	332	602	40	6	40	0	0	0	0	0	0
	point331	331	602	40	6	40	0	0	0	0	0	0
	point330	330	602	40	6	40	0	0	0	0	0	0
	point329	329	602	40	6	40	0	0	0	0	0	0
	point328	328	602	40	6	40	0	0	0	0	0	0
	point327	327	602	40	6	40	0	0	0	0	0	0
	point326	326	602	40	6	40	0	0	0	0	0	0
	point325	325	602	40	6	40	0	0	0	0	0	0

	point324	324	602	40	6	40	0	0	0	0	0	0
	point323	323	602	40	6	40	0	0	0	0	0	0
	point322	322	602	40	6	40	0	0	0	0	0	0
	point321	321	602	40	6	40	0	0	0	0	0	0
	point320	320	602	40	6	40	0	0	0	0	0	0
	point319	319	602	40	6	40	0	0	0	0	0	0
	point318	318										
Roadway48	point346	346	334	40	2	40	0	0	0	0	0	0
	point347	347	334	40	2	40	0	0	0	0	0	0
	point348	348	334	40	2	40	0	0	0	0	0	0
	point349	349	334	40	2	40	0	0	0	0	0	0
	point350	350										
Roadway49	point355	355	334	40	2	40	0	0	0	0	0	0
	point354	354	334	40	2	40	0	0	0	0	0	0
	point353	353	334	40	2	40	0	0	0	0	0	0
	point352	352	334	40	2	40	0	0	0	0	0	0
	point351	351										
Roadway50	point356	356	887	40	13	40	13	40	0	0	0	0
	point357	357										
Roadway51	point366	366	220	40	0	0	1	40	0	0	0	0
	point365	365	220	40	0	0	1	40	0	0	0	0
	point364	364	220	40	0	0	1	40	0	0	0	0
	point363	363										
Roadway53	point370	370	699	40	3	40	0	0	0	0	0	0
	point371	371	699	40	3	40	0	0	0	0	0	0
	point372	372										
Roadway54	point375	375	833	45	12	45	5	45	0	0	0	0
	point376	376	833	45	12	45	5	45	0	0	0	0
	point377	377	833	45	12	45	5	45	0	0	0	0
	point378	378	833	45	12	45	5	45	0	0	0	0
	point379	379	833	45	12	45	5	45	0	0	0	0
	point380	380	833	45	12	45	5	45	0	0	0	0
	point381	381	833	45	12	45	5	45	0	0	0	0
	point382	382	833	45	12	45	5	45	0	0	0	0
	point383	383	833	45	12	45	5	45	0	0	0	0
	point384	384	833	45	12	45	5	45	0	0	0	0

	point385	385	833	45	12	45	5	45	0	0	0	0
	point386	386										
Roadway55	point389	389	220	40	0	0	1	40	0	0	0	0
	point388	388	220	40	0	0	1	40	0	0	0	0
	point387	387										
Roadway56	point390	390	1033	40	5	40	0	0	0	0	0	0
	point391	391	1033	40	5	40	0	0	0	0	0	0
	point392	392										
Roadway57	point393	393	577	40	14	40	2	40	0	0	0	0
	point394	394	577	40	14	40	2	40	0	0	0	0
	point395	395	577	40	14	40	2	40	0	0	0	0
	point396	396	577	40	14	40	2	40	0	0	0	0
	point397	397										
Roadway63	point442	442	2107	56	22	56	22	56	0	0	0	0
	point443	443	2107	56	22	56	22	56	0	0	0	0
	point444	444	2107	56	22	56	22	56	0	0	0	0
	point445	445	2107	56	22	56	22	56	0	0	0	0
	point446	446	2107	56	22	56	22	56	0	0	0	0
	point447	447	2107	56	22	56	22	56	0	0	0	0
	point448	448	2107	56	22	56	22	56	0	0	0	0
	point449	449	2107	56	22	56	22	56	0	0	0	0
	point450	450	2107	56	22	56	22	56	0	0	0	0
	point451	451	2107	56	22	56	22	56	0	0	0	0
	point452	452	2107	56	22	56	22	56	0	0	0	0
	point453	453	2107	56	22	56	22	56	0	0	0	0
	point454	454	2107	56	22	56	22	56	0	0	0	0
	point455	455	2107	56	22	56	22	56	0	0	0	0
	point456	456	2107	56	22	56	22	56	0	0	0	0
	point457	457										
Roadway64	point458	458	2940	57	30	57	30	57	0	0	0	0
	point459	459	2940	57	30	57	30	57	0	0	0	0
	point654	654	2940	57	30	57	30	57	0	0	0	0
	point460	460	2940	57	30	57	30	57	0	0	0	0
	point461	461	2940	57	30	57	30	57	0	0	0	0
	point462	462	2940	57	30	57	30	57	0	0	0	0
	point463	463	2940	57	30	57	30	57	0	0	0	0

	point464	464	2940	57	30	57	30	57	0	0	0	0
	point465	465	2940	57	30	57	30	57	0	0	0	0
	point466	466	2940	57	30	57	30	57	0	0	0	0
	point467	467	2940	57	30	57	30	57	0	0	0	0
	point468	468	2940	57	30	57	30	57	0	0	0	0
	point469	469	2940	57	30	57	30	57	0	0	0	0
	point470	470	2940	57	30	57	30	57	0	0	0	0
	point471	471	2940	57	30	57	30	57	0	0	0	0
	point472	472	2940	57	30	57	30	57	0	0	0	0
	point473	473	2940	57	30	57	30	57	0	0	0	0
	point474	474	2940	57	30	57	30	57	0	0	0	0
	point475	475	2940	57	30	57	30	57	0	0	0	0
	point476	476	2940	57	30	57	30	57	0	0	0	0
	point477	477										
Roadway65	point485	485	81	40	6	40	0	0	0	0	0	0
	point484	484	0	0	0	0	0	0	0	0	0	0
	point483	483	0	0	0	0	0	0	0	0	0	0
	point482	482	0	0	0	0	0	0	0	0	0	0
	point481	481	0	0	0	0	0	0	0	0	0	0
	point480	480	0	0	0	0	0	0	0	0	0	0
	point479	479	0	0	0	0	0	0	0	0	0	0
	point478	478										
Roadway66	point493	493	108	35	6	35	3	35	0	0	0	0
	point492	492	108	35	6	35	3	35	0	0	0	0
	point491	491	108	35	6	35	3	35	0	0	0	0
	point490	490	108	35	6	35	3	35	0	0	0	0
	point489	489	108	35	6	35	3	35	0	0	0	0
	point488	488	108	35	6	35	3	35	0	0	0	0
	point487	487	108	35	6	35	3	35	0	0	0	0
	point486	486										
Roadway67	point499	499	824	45	13	45	3	45	0	0	0	0
	point498	498	824	45	13	45	3	45	0	0	0	0
	point497	497	824	45	13	45	3	45	0	0	0	0
	point496	496	824	45	13	45	3	45	0	0	0	0
	point495	495	824	45	13	45	3	45	0	0	0	0
	point494	494										

Roadway32-2	point595	595	286	30	6	30	2	30	0	0	0	0
	point247	247	286	30	6	30	2	30	0	0	0	0
	point246	246	286	30	6	30	2	30	0	0	0	0
	point245	245	286	30	6	30	2	30	0	0	0	0
	point244	244	286	30	6	30	2	30	0	0	0	0
	point243	243	286	30	6	30	2	30	0	0	0	0
	point242	242										
Roadway32-2	point596	596	533	40	16	40	1	40	0	0	0	0
	point273	273	533	40	16	40	1	40	0	0	0	0
	point274	274	533	40	16	40	1	40	0	0	0	0
	point275	275	533	40	16	40	1	40	0	0	0	0
	point276	276										
Roadway86	point605	605	4566	56	37	56	44	56	0	0	0	0
	point604	604	4566	56	37	56	44	56	0	0	0	0
	point603	603	4566	56	37	56	44	56	0	0	0	0
	point602	602	4566	56	37	56	44	56	0	0	0	0
	point601	601	4566	56	37	56	44	56	0	0	0	0
	point600	600	4566	56	37	56	44	56	0	0	0	0
	point599	599	4566	56	37	56	44	56	0	0	0	0
	point598	598	4566	56	37	56	44	56	0	0	0	0
	point597	597										
Roadway89	point611	611	5046	58	52	58	52	58	0	0	0	0
	point612	612	5046	58	52	58	52	58	0	0	0	0
	point613	613	5046	58	52	58	52	58	0	0	0	0
	point615	615	5046	58	52	58	52	58	0	0	0	0
	point616	616	5046	58	52	58	52	58	0	0	0	0
	point618	618	5046	58	52	58	52	58	0	0	0	0
	point620	620	5046	58	52	58	52	58	0	0	0	0
	point622	622	5046	58	52	58	52	58	0	0	0	0
	point624	624	5046	58	52	58	52	58	0	0	0	0
	point625	625	5046	58	52	58	52	58	0	0	0	0
	point627	627	5046	58	52	58	52	58	0	0	0	0
	point628	628	5046	58	52	58	52	58	0	0	0	0
	point629	629	5046	58	52	58	52	58	0	0	0	0
	point653	653	5046	58	52	58	52	58	0	0	0	0
	point630	630	5046	58	52	58	52	58	0	0	0	0

	point631	631										
Roadway58-Roadway60	point413	413	1253	40	5	40	1	40	0	0	0	0
	point414	414	1253	40	40	40	40	40	0	0	0	0
	point415	415	1253	40	40	40	40	40	0	0	0	0
	point416	416	1253	40	40	40	40	40	0	0	0	0
	point417	417	1253	40	40	40	40	40	0	0	0	0
	point418	418	1253	40	40	40	40	40	0	0	0	0
	point419	419	1253	40	40	40	40	40	0	0	0	0
	point420	420	1253	40	40	40	40	40	0	0	0	0
	point421	421										
Roadway14	point436	436	458	45	11	45	0	0	0	0	0	0
	point435	435	458	45	11	45	0	0	0	0	0	0
	point434	434										
Roadway14-2	point632	632	425	45	10	45	0	0	0	0	0	0
	point123	123	425	45	10	45	0	0	0	0	0	0
	point122	122	425	45	10	45	0	0	0	0	0	0
	point121	121	425	45	10	45	0	0	0	0	0	0
	point120	120	425	45	10	45	0	0	0	0	0	0
	point119	119	425	45	10	45	0	0	0	0	0	0
	point118	118										
Roadway94	point635	635	599	40	13	40	6	40	0	0	0	0
	point634	634	599	40	13	40	6	40	0	0	0	0
	point633	633										
Roadway87-Roadway26	point210	210	168	40	2	40	2	40	0	0	0	0
	point209	209	168	40	2	40	2	40	0	0	0	0
	point208	208	168	40	2	40	2	40	0	0	0	0
	point207	207	168	40	2	40	2	40	0	0	0	0
	point206	206	168	40	2	40	2	40	0	0	0	0
	point205	205	168	40	2	40	2	40	0	0	0	0
	point204	204	168	40	2	40	2	40	0	0	0	0
	point203	203	168	40	2	40	2	40	0	0	0	0
	point202	202	168	40	2	40	2	40	0	0	0	0
	point754	754										
Roadway87-Roadway26-2	point646	646	168	40	2	40	2	40	0	0	0	0
	point606	606	168	40	2	40	2	40	0	0	0	0
	point607	607										

Roadway98	point647	647	366	40	6	40	6	40	0	0	0	0
	point648	648	0	0	0	0	0	0	0	0	0	0
	point650	650										
Roadway88-2	point608	608	895	40	9	40	9	40	0	0	0	0
	point651	651										
Roadway100	point659	659	329	40	3	40	1	40	0	0	0	0
	point658	658	329	40	3	40	1	40	0	0	0	0
	point657	657	329	40	3	40	1	40	0	0	0	0
	point656	656										
Roadway101	point660	660	98	50	2	50	0	0	0	0	0	0
	point748	748	98	50	2	50	0	0	0	0	0	0
	point747	747	98	50	2	50	0	0	0	0	0	0
	point662	662	98	50	2	50	0	0	0	0	0	0
	point663	663	98	50	2	50	0	0	0	0	0	0
	point664	664										
Roadway95-2	point668	668	225	40	7	40	3	40	0	0	0	0
	point639	639	225	40	7	40	3	40	0	0	0	0
	point752	752	225	40	7	40	3	40	0	0	0	0
	point751	751	225	40	7	40	3	40	0	0	0	0
	point641	641	225	40	7	40	3	40	0	0	0	0
	point642	642	225	40	7	40	3	40	0	0	0	0
	point643	643	225	40	7	40	3	40	0	0	0	0
	point644	644	225	40	7	40	3	40	0	0	0	0
	point688	688										
Roadway13-2	point669	669	32	40	0	0	3	40	0	0	0	0
	point110	110	32	40	0	0	3	40	0	0	0	0
	point109	109	32	40	0	0	3	40	0	0	0	0
	point108	108	32	40	0	0	3	40	0	0	0	0
	point107	107										
Roadway104	point670	670	399	40	12	40	1	40	0	0	0	0
	point671	671	399	40	12	40	1	40	0	0	0	0
	point672	672	399	40	12	40	1	40	0	0	0	0
	point673	673	399	40	12	40	1	40	0	0	0	0
	point674	674										
Roadway105	point675	675	824	40	13	40	3	40	0	0	0	0
	point676	676	824	40	13	40	3	40	0	0	0	0

	point677	677	824	40	13	40	3	40	0	0	0	0
	point678	678	824	40	13	40	3	40	0	0	0	0
	point679	679										
Roadway106	point681	681	81	40	6	40	0	0	0	0	0	0
	point682	682										
Roadway32-2	point683	683	533	40	16	40	1	40	0	0	0	0
	point272	272										
Roadway32	point594	594	839	40	27	40	3	40	0	0	0	0
	point593	593	839	40	27	40	3	40	0	0	0	0
	point592	592	839	40	27	40	3	40	0	0	0	0
	point591	591	839	40	27	40	3	40	0	0	0	0
	point590	590	839	40	27	40	3	40	0	0	0	0
	point589	589	839	40	27	40	3	40	0	0	0	0
	point588	588	839	40	27	40	3	40	0	0	0	0
	point587	587	839	40	27	40	3	40	0	0	0	0
	point586	586	839	40	27	40	3	40	0	0	0	0
	point585	585	839	40	27	40	3	40	0	0	0	0
	point584	584	839	40	27	40	3	40	0	0	0	0
	point583	583	839	40	27	40	3	40	0	0	0	0
	point582	582	839	40	27	40	3	40	0	0	0	0
	point581	581	839	40	27	40	3	40	0	0	0	0
	point580	580	839	40	27	40	3	40	0	0	0	0
	point579	579	839	40	27	40	3	40	0	0	0	0
	point578	578	839	40	27	40	3	40	0	0	0	0
	point577	577	839	40	27	40	3	40	0	0	0	0
	point547	547	839	40	27	40	3	40	0	0	0	0
	point546	546	839	40	27	40	3	40	0	0	0	0
	point545	545	839	40	27	40	3	40	0	0	0	0
	point544	544	839	40	27	40	3	40	0	0	0	0
	point543	543	839	40	27	40	3	40	0	0	0	0
	point542	542	839	40	27	40	3	40	0	0	0	0
	point541	541	839	40	27	40	3	40	0	0	0	0
	point540	540	839	40	27	40	3	40	0	0	0	0
	point526	526	839	40	27	40	3	40	0	0	0	0
	point527	527	839	40	27	40	3	40	0	0	0	0
	point528	528	839	40	27	40	3	40	0	0	0	0

	point529	529	839	40	27	40	3	40	0	0	0	0
	point530	530	839	40	27	40	3	40	0	0	0	0
	point531	531	839	40	27	40	3	40	0	0	0	0
	point512	512	839	40	27	40	3	40	0	0	0	0
	point511	511	839	40	27	40	3	40	0	0	0	0
	point510	510	839	40	27	40	3	40	0	0	0	0
	point509	509	839	40	27	40	3	40	0	0	0	0
	point508	508	839	40	27	40	3	40	0	0	0	0
	point507	507	839	40	27	40	3	40	0	0	0	0
	point505	505	839	40	27	40	3	40	0	0	0	0
	point504	504	839	40	27	40	3	40	0	0	0	0
	point503	503	839	40	27	40	3	40	0	0	0	0
	point502	502	839	40	27	40	3	40	0	0	0	0
	point501	501	839	40	27	40	3	40	0	0	0	0
	point500	500	839	40	27	40	3	40	0	0	0	0
	point250	250	839	40	27	40	3	40	0	0	0	0
	point249	249	839	40	27	40	3	40	0	0	0	0
	point248	248										
Roadway34	point263	263	1207	40	28	40	7	40	0	0	0	0
	point262	262	1207	40	28	40	7	40	0	0	0	0
	point261	261	1207	40	28	40	7	40	0	0	0	0
	point260	260	1207	40	28	40	7	40	0	0	0	0
	point259	259	1207	40	28	40	7	40	0	0	0	0
	point258	258	1207	40	28	40	7	40	0	0	0	0
	point257	257	1207	40	28	40	7	40	0	0	0	0
	point256	256	1207	40	28	40	7	40	0	0	0	0
	point513	513	1207	40	28	40	7	40	0	0	0	0
	point514	514	1207	40	28	40	7	40	0	0	0	0
	point515	515	1207	40	28	40	7	40	0	0	0	0
	point516	516	1207	40	28	40	7	40	0	0	0	0
	point517	517	1207	40	28	40	7	40	0	0	0	0
	point518	518	1207	40	28	40	7	40	0	0	0	0
	point519	519	1207	40	28	40	7	40	0	0	0	0
	point520	520	1207	40	28	40	7	40	0	0	0	0
	point521	521	1207	40	28	40	7	40	0	0	0	0
	point522	522	1207	40	28	40	7	40	0	0	0	0

	point523	523	1207	40	28	40	7	40	0	0	0	0
	point524	524	1207	40	28	40	7	40	0	0	0	0
	point525	525	1207	40	28	40	7	40	0	0	0	0
	point538	538	1207	40	28	40	7	40	0	0	0	0
	point537	537	1207	40	28	40	7	40	0	0	0	0
	point536	536	1207	40	28	40	7	40	0	0	0	0
	point535	535	1207	40	28	40	7	40	0	0	0	0
	point534	534	1207	40	28	40	7	40	0	0	0	0
	point533	533	1207	40	28	40	7	40	0	0	0	0
	point532	532	1207	40	28	40	7	40	0	0	0	0
	point556	556	1207	40	28	40	7	40	0	0	0	0
	point555	555	1207	40	28	40	7	40	0	0	0	0
	point554	554	1207	40	28	40	7	40	0	0	0	0
	point553	553	1207	40	28	40	7	40	0	0	0	0
	point552	552	1207	40	28	40	7	40	0	0	0	0
	point551	551	1207	40	28	40	7	40	0	0	0	0
	point550	550	1207	40	28	40	7	40	0	0	0	0
	point549	549	1207	40	28	40	7	40	0	0	0	0
	point557	557	1207	40	28	40	7	40	0	0	0	0
	point558	558	1207	40	28	40	7	40	0	0	0	0
	point559	559	1207	40	28	40	7	40	0	0	0	0
	point560	560	1207	40	28	40	7	40	0	0	0	0
	point561	561	1207	40	28	40	7	40	0	0	0	0
	point562	562	1207	40	28	40	7	40	0	0	0	0
	point563	563	1207	40	28	40	7	40	0	0	0	0
	point564	564	1207	40	28	40	7	40	0	0	0	0
	point565	565	1207	40	28	40	7	40	0	0	0	0
	point566	566	1207	40	28	40	7	40	0	0	0	0
	point567	567	1207	40	28	40	7	40	0	0	0	0
	point568	568	1207	40	28	40	7	40	0	0	0	0
	point569	569	1207	40	28	40	7	40	0	0	0	0
	point570	570	1207	40	28	40	7	40	0	0	0	0
	point571	571	1207	40	28	40	7	40	0	0	0	0
	point572	572	1207	40	28	40	7	40	0	0	0	0
	point573	573	1207	40	28	40	7	40	0	0	0	0
	point574	574										

Roadway110	point684	684	257	30	3	30	3	30	0	0	0	0
	point685	685	257	30	3	30	3	30	0	0	0	0
	point686	686	257	30	3	30	3	30	0	0	0	0
	point687	687										
Roadway29	point437	437	2646	56	27	56	27	56	0	0	0	0
	point438	438	2646	56	27	56	27	56	0	0	0	0
	point439	439	2646	56	27	56	27	56	0	0	0	0
	point440	440	2646	56	27	56	27	56	0	0	0	0
	point223	223	2646	56	27	56	27	56	0	0	0	0
	point224	224	2646	56	27	56	27	56	0	0	0	0
	point225	225	2646	56	27	56	27	56	0	0	0	0
	point226	226	2646	56	27	56	27	56	0	0	0	0
	point227	227	2646	56	27	56	27	56	0	0	0	0
	point228	228	2646	56	27	56	27	56	0	0	0	0
	point229	229	2646	56	27	56	27	56	0	0	0	0
	point230	230	2646	56	27	56	27	56	0	0	0	0
	point231	231										
Roadway47	point341	341	1072	40	8	40	2	40	0	0	0	0
	point340	340	1072	40	8	40	2	40	0	0	0	0
	point339	339	1072	40	8	40	2	40	0	0	0	0
	point338	338	1072	40	8	40	2	40	0	0	0	0
	point337	337	1072	40	8	40	2	40	0	0	0	0
	point336	336	1072	40	8	40	2	40	0	0	0	0
	point345	345	1072	40	8	40	2	40	0	0	0	0
	point344	344	1072	40	8	40	2	40	0	0	0	0
	point343	343	1072	40	8	40	2	40	0	0	0	0
	point342	342										
Roadway95-2-2	point689	689	225	40	7	40	3	40	0	0	0	0
	point645	645										
Roadway37-2	point690	690	700	40	8	40	0	0	0	0	0	0
	point271	271										
Roadway53-2	point691	691	699	40	3	40	0	0	0	0	0	0
	point373	373	699	40	3	40	0	0	0	0	0	0
	point374	374										
Roadway116	point692	692	36	30	2	30	0	0	0	0	0	0
	point693	693	36	30	2	30	0	0	0	0	0	0

	point694	694										
Roadway117	point699	699	82	40	1	40	1	40	0	0	0	0
	point698	698	82	40	1	40	1	40	0	0	0	0
	point697	697										
Roadway119	point705	705	82	40	1	40	1	40	0	0	0	0
	point706	706	82	40	1	40	1	40	0	0	0	0
	point707	707	82	40	1	40	1	40	0	0	0	0
	point708	708	82	40	1	40	1	40	0	0	0	0
	point709	709	82	40	1	40	1	40	0	0	0	0
	point710	710										
Roadway120	point711	711	26	30	2	30	1	30	0	0	0	0
	point712	712	26	30	2	30	1	30	0	0	0	3
	point713	713	26	30	2	30	1	30	0	0	0	0
	point714	714	26	30	2	30	1	30	0	0	0	0
	point715	715	26	30	2	30	1	30	0	0	0	0
	point716	716	26	30	2	30	1	30	0	0	0	0
	point717	717										
Roadway120-2	point728	728	26	30	2	30	1	30	0	0	0	0
	point718	718	26	30	2	30	1	30	0	0	0	0
	point740	740	26	30	2	30	1	30	0	0	0	0
	point719	719	26	30	2	30	1	30	0	0	0	0
	point720	720	26	30	2	30	1	30	0	0	0	0
	point721	721	26	30	2	30	1	30	0	0	0	0
	point722	722	26	30	2	30	1	30	0	0	0	0
	point723	723	26	30	2	30	1	30	0	0	0	0
	point724	724	26	30	2	30	1	30	0	0	0	0
	point725	725	26	30	2	30	1	30	0	0	0	0
	point726	726										
Roadway58-Roadway60-2	point729	729	1148	40	20	40	1	40	0	0	0	0
	point423	423										
Roadway57-2	point731	731	887	40	13	40	13	40	0	0	0	0
	point727	727	887	40	13	40	13	40	0	0	0	0
	point745	745	887	40	13	40	13	40	0	0	0	0
	point402	402	887	40	13	40	13	40	0	0	0	0
	point403	403	887	40	13	40	13	40	0	0	0	0
	point404	404	887	40	13	40	13	40	0	0	0	0

	point405	405	887	40	13	40	13	40	0	0	0	0
	point406	406	887	40	13	40	13	40	0	0	0	0
	point407	407	887	40	13	40	13	40	0	0	0	0
	point408	408	887	40	13	40	13	40	0	0	0	0
	point409	409	887	40	13	40	13	40	0	0	0	0
	point410	410	887	40	13	40	13	40	0	0	0	0
	point411	411	887	40	13	40	13	40	0	0	0	0
	point412	412										
Roadway58-Roadway60-2-2	point732	732	1174	40	22	40	2	40	0	0	0	0
	point424	424	1174	40	22	40	2	40	0	0	0	0
	point425	425	1174	40	22	40	2	40	0	0	0	0
	point426	426	1174	40	22	40	2	40	0	0	0	0
	point427	427	1174	40	22	40	2	40	0	0	0	0
	point428	428	1174	40	22	40	2	40	0	0	0	0
	point430	430	1174	40	22	40	2	40	0	0	0	0
	point432	432	1174	40	22	40	2	40	0	0	0	0
	point433	433										
Roadway50-2	point733	733	597	40	7	40	10	40	0	0	0	0
	point358	358	597	40	7	40	10	40	0	0	0	0
	point359	359	597	40	7	40	10	40	0	0	0	0
	point360	360										
Roadway51-2	point734	734	181	40	3	40	3	40	0	0	0	0
	point362	362	181	40	3	40	3	40	0	0	0	0
	point361	361										
Roadway52-2	point735	735	329	40	3	40	1	40	0	0	0	0
	point369	369										
Roadway58-Roadway60-2	point736	736	1148	40	20	40	1	40	0	0	0	0
	point422	422										
Roadway129	point737	737	205	40	3	40	0	0	0	0	0	0
	point738	738										
Roadway117-2	point739	739	287	30	4	30	1	30	0	0	0	0
	point696	696	287	30	4	30	1	30	0	0	0	0
	point695	695										
Roadway131	point741	741	205	40	3	40	0	0	0	0	0	0
	point746	746	205	40	3	40	0	0	0	0	0	0
	point742	742	205	40	3	40	0	0	0	0	0	0

	point743	743										
Roadway57-2	point744	744	492	40	13	40	1	40	0	0	0	0
	point398	398	492	40	13	40	1	40	0	0	0	0
	point399	399	492	40	13	40	1	40	0	0	0	0
	point400	400	492	40	13	40	1	40	0	0	0	0
	point401	401	492	40	13	40	1	40	0	0	0	0
	point730	730										
Roadway87-Roadway26-2	point755	755	168	40	2	40	2	40	0	0	0	0
	point201	201										
Roadway134	point756	756	188	30	0	0	0	0	0	0	0	0
	point757	757	188	30	0	0	0	0	0	0	0	0
	point758	758	188	30	0	0	0	0	0	0	0	0
	point759	759	188	30	0	0	0	0	0	0	0	0
	point760	760	188	30	0	0	0	0	0	0	0	0
	point761	761	188	30	0	0	0	0	0	0	0	0
	point762	762	188	30	0	0	0	0	0	0	0	0
	point763	763	188	30	0	0	0	0	0	0	0	0
	point764	764	188	30	0	0	0	0	0	0	0	0
	point765	765	188	30	0	0	0	0	0	0	0	0
	point766	766										
Roadway135	point767	767	188	30	0	0	0	0	0	0	0	0
	point768	768	188	30	0	0	0	0	0	0	0	0
	point769	769	188	30	0	0	0	0	0	0	0	0
	point770	770	188	30	0	0	0	0	0	0	0	0
	point771	771	188	30	0	0	0	0	0	0	0	0
	point772	772	188	30	0	0	0	0	0	0	0	0
	point773	773	188	30	0	0	0	0	0	0	0	0
	point774	774	188	30	0	0	0	0	0	0	0	0
	point775	775	188	30	0	0	0	0	0	0	0	0
	point776	776	188	30	0	0	0	0	0	0	0	0
	point777	777										

CHA				27 February 2012								
EVN				TNM 2.5								
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	Interchange 3/4											
RUN:	Existing PM											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Roadway5	point52	52	1721	56	18	56	18	56	0	0	0	0
	point51	51	1721	56	18	56	18	56	0	0	0	0
	point50	50	1721	56	18	56	18	56	0	0	0	0
	point49	49	1721	56	18	56	18	56	0	0	0	0
	point48	48	1721	56	18	56	18	56	0	0	0	0
	point47	47	1721	56	18	56	18	56	0	0	0	0
	point46	46	1721	56	18	56	18	56	0	0	0	0
	point45	45	1721	56	18	56	18	56	0	0	0	0
	point44	44	1721	56	18	56	18	56	0	0	0	0
	point43	43	1721	56	18	56	18	56	0	0	0	0
	point42	42	1721	56	18	56	18	56	0	0	0	0
	point41	41	1721	56	18	56	18	56	0	0	0	0
	point40	40	1721	56	18	56	18	56	0	0	0	0
	point39	39	1721	56	18	56	18	56	0	0	0	0
	point38	38	1721	56	18	56	18	56	0	0	0	0
	point749	749	1721	56	18	56	18	56	0	0	0	0
	point750	750	1721	56	18	56	18	56	0	0	0	0
	point36	36										
Roadway6	point53	53	473	55	8	55	5	55	0	0	0	0
	point54	54	473	55	8	55	5	55	0	0	0	0
	point55	55	473	55	8	55	5	55	0	0	0	0
	point56	56	473	55	8	55	5	55	0	0	0	0
	point57	57	473	55	8	55	5	55	0	0	0	0

	point58	58	473	55	8	55	5	55	0	0	0	0
	point59	59	473	55	8	55	5	55	0	0	0	0
	point60	60	473	55	8	55	5	55	0	0	0	0
	point61	61	473	55	8	55	5	55	0	0	0	0
	point62	62	473	55	8	55	5	55	0	0	0	0
	point63	63	473	55	8	55	5	55	0	0	0	0
	point64	64										
Roadway7	point68	68	1138	55	13	55	15	55	0	0	0	0
	point67	67	1138	55	13	55	15	55	0	0	0	0
	point66	66	1138	55	13	55	15	55	0	0	0	0
	point65	65										
Roadway8	point79	79	627	55	4	55	10	55	0	0	0	0
	point78	78	627	55	4	55	10	55	0	0	0	0
	point652	652	627	55	4	55	10	55	0	0	0	0
	point77	77	627	55	4	55	10	55	0	0	0	0
	point76	76	627	55	4	55	10	55	0	0	0	0
	point75	75	627	55	4	55	10	55	0	0	0	0
	point74	74	627	55	4	55	10	55	0	0	0	0
	point73	73	627	55	4	55	10	55	0	0	0	0
	point72	72	627	55	4	55	10	55	0	0	0	0
	point71	71	627	55	4	55	10	55	0	0	0	0
	point70	70	627	55	4	55	10	55	0	0	0	0
	point69	69										
Roadway9	point84	84	195	45	4	45	2	45	0	0	0	0
	point655	655	195	45	4	45	2	45	0	0	0	0
	point83	83	195	45	4	45	2	45	0	0	0	0
	point82	82	195	45	4	45	2	45	0	0	0	0
	point81	81	195	45	4	45	2	45	0	0	0	0
	point80	80										
Roadway10	point88	88	511	45	9	45	5	45	0	0	0	0
	point87	87	511	45	9	45	5	45	0	0	0	0
	point86	86	511	45	9	45	5	45	0	0	0	0
	point85	85										
Roadway11	point96	96	627	55	4	55	10	55	0	0	0	0
	point95	95	627	55	4	55	10	55	0	0	0	0
	point94	94	627	55	4	55	10	55	0	0	0	0

	point93	93	627	55	4	55	10	55	0	0	0	0
	point92	92	627	55	4	55	10	55	0	0	0	0
	point91	91	627	55	4	55	10	55	0	0	0	0
	point90	90	627	55	4	55	10	55	0	0	0	0
	point89	89										
Roadway13	point117	117	916	40	15	40	10	40	0	0	0	0
	point116	116	916	40	15	40	10	40	0	0	0	0
	point115	115	916	40	15	40	10	40	0	0	0	0
	point114	114	916	40	15	40	10	40	0	0	0	0
	point113	113	916	40	15	40	10	40	0	0	0	0
	point112	112	916	40	15	40	10	40	0	0	0	0
	point111	111										
Roadway15	point131	131	226	40	5	40	3	40	0	0	0	0
	point130	130	226	40	5	40	3	40	0	0	0	0
	point129	129	226	40	5	40	3	40	0	0	0	0
	point128	128	226	40	5	40	3	40	0	0	0	0
	point127	127	226	40	5	40	3	40	0	0	0	0
	point126	126	226	40	5	40	3	40	0	0	0	0
	point125	125										
Roadway16	point140	140	277	45	6	45	4	45	0	0	0	0
	point139	139	277	45	6	45	4	45	0	0	0	0
	point138	138	277	45	6	45	4	45	0	0	0	0
	point137	137	277	45	6	45	4	45	0	0	0	0
	point136	136	277	45	6	45	4	45	0	0	0	0
	point135	135	277	45	6	45	4	45	0	0	0	0
	point134	134	277	45	6	45	4	45	0	0	0	0
	point133	133	277	45	6	45	4	45	0	0	0	0
	point132	132										
Roadway17	point144	144	385	40	5	40	3	40	0	0	0	0
	point143	143	385	40	5	40	3	40	0	0	0	0
	point142	142	385	40	5	40	3	40	0	0	0	0
	point141	141										
Roadway18	point145	145	494	40	10	40	5	40	0	0	0	0
	point146	146	494	40	10	40	5	40	0	0	0	0
	point147	147	494	40	10	40	5	40	0	0	0	0
	point148	148	494	40	10	40	5	40	0	0	0	0

	point149	149										
Roadway21	point183	183	2352	61	24	61	24	61	0	0	0	0
	point182	182	2352	61	24	61	24	61	0	0	0	0
	point181	181	2352	61	24	61	24	61	0	0	0	0
	point180	180	2352	61	24	61	24	61	0	0	0	0
	point179	179	2352	61	24	61	24	61	0	0	0	0
	point178	178										
Roadway22	point187	187	4738	56	49	56	51	56	0	0	0	0
	point186	186	4738	56	49	56	51	56	0	0	0	0
	point185	185	4738	56	49	56	51	56	0	0	0	0
	point184	184										
Roadway23	point192	192	528	55	8	55	5	55	0	0	0	0
	point191	191	528	55	8	55	5	55	0	0	0	0
	point190	190	528	55	8	55	5	55	0	0	0	0
	point189	189	528	55	8	55	5	55	0	0	0	0
	point188	188										
Roadway24	point195	195	170	45	3	45	2	45	0	0	0	0
	point194	194	170	45	3	45	2	45	0	0	0	0
	point193	193										
Roadway25	point200	200	358	45	5	45	3	45	0	0	0	0
	point199	199	358	45	5	45	3	45	0	0	0	0
	point198	198	358	45	5	45	3	45	0	0	0	0
	point197	197	358	45	5	45	3	45	0	0	0	0
	point196	196										
Roadway27	point217	217	506	40	8	40	5	40	0	0	0	0
	point216	216	506	40	8	40	5	40	0	0	0	0
	point215	215	506	40	8	40	5	40	0	0	0	0
	point214	214	506	40	8	40	5	40	0	0	0	0
	point213	213	506	40	8	40	5	40	0	0	0	0
	point212	212	506	40	8	40	5	40	0	0	0	0
	point211	211										
Roadway28	point218	218	748	40	11	40	7	40	0	0	0	0
	point219	219	748	40	11	40	7	40	0	0	0	0
	point220	220	748	40	11	40	7	40	0	0	0	0
	point221	221	748	40	11	40	7	40	0	0	0	0
	point222	222										

Roadway30	point236	236	112	55	2	55	1	55	0	0	0	0
	point235	235	112	55	2	55	1	55	0	0	0	0
	point234	234	112	55	2	55	1	55	0	0	0	0
	point233	233	112	55	2	55	1	55	0	0	0	0
	point232	232										
Roadway31	point241	241	292	30	4	30	2	30	0	0	0	0
	point240	240	292	30	4	30	2	30	0	0	0	0
	point239	239	292	30	4	30	2	30	0	0	0	0
	point238	238	292	30	4	30	2	30	0	0	0	0
	point237	237										
Roadway33	point255	255	911	55	5	55	7	55	0	0	0	0
	point254	254	911	55	5	55	7	55	0	0	0	0
	point253	253	911	55	5	55	7	55	0	0	0	0
	point252	252	911	55	5	55	7	55	0	0	0	0
	point251	251										
Roadway35	point264	264	542	40	8	40	4	40	0	0	0	0
	point265	265										
Roadway36	point267	267	292	30	4	30	2	30	0	0	0	0
	point266	266										
Roadway37	point268	268	1280	40	7	40	1	40	0	0	0	0
	point269	269	1280	40	7	40	1	40	0	0	0	0
	point270	270										
Roadway40	point286	286	492	40	2	40	0	0	0	0	0	0
	point285	285	492	40	2	40	0	0	0	0	0	0
	point284	284	492	40	2	40	0	0	0	0	0	0
	point283	283	492	40	2	40	0	0	0	0	0	0
	point282	282										
Roadway41	point291	291	480	40	1	40	1	40	0	0	0	0
	point290	290	480	40	1	40	1	40	0	0	0	0
	point289	289	480	40	1	40	1	40	0	0	0	0
	point753	753	480	40	1	40	1	40	0	0	0	0
	point288	288	480	40	1	40	1	40	0	0	0	0
	point287	287										
Roadway42	point296	296	492	40	2	40	0	0	0	0	0	0
	point295	295	492	40	2	40	0	0	0	0	0	0
	point294	294	492	40	2	40	0	0	0	0	0	0

	point293	293	492	40	2	40	0	0	0	0	0	0
	point292	292										
Roadway43	point311	311	663	40	2	40	2	40	0	0	0	0
	point310	310	663	40	2	40	2	40	0	0	0	0
	point309	309	663	40	2	40	2	40	0	0	0	0
	point665	665	663	40	2	40	2	40	0	0	0	0
	point666	666										
Roadway44	point317	317	298	40	1	40	0	0	0	0	0	0
	point316	316	298	40	1	40	0	0	0	0	0	0
	point315	315	298	40	1	40	0	0	0	0	0	0
	point314	314	298	40	1	40	0	0	0	0	0	0
	point313	313	298	40	1	40	0	0	0	0	0	0
	point312	312										
Roadway45	point335	335	519	40	3	40	1	40	0	0	0	0
	point334	334	519	40	3	40	1	40	0	0	0	0
	point333	333	519	40	3	40	1	40	0	0	0	0
	point332	332	519	40	3	40	1	40	0	0	0	0
	point331	331	519	40	3	40	1	40	0	0	0	0
	point330	330	519	40	3	40	1	40	0	0	0	0
	point329	329	519	40	3	40	1	40	0	0	0	0
	point328	328	519	40	3	40	1	40	0	0	0	0
	point327	327	519	40	3	40	1	40	0	0	0	0
	point326	326	519	40	3	40	1	40	0	0	0	0
	point325	325	519	40	3	40	1	40	0	0	0	0
	point324	324	519	40	3	40	1	40	0	0	0	0
	point323	323	519	40	3	40	1	40	0	0	0	0
	point322	322	519	40	3	40	1	40	0	0	0	0
	point321	321	519	40	3	40	1	40	0	0	0	0
	point320	320	519	40	3	40	1	40	0	0	0	0
	point319	319	519	40	3	40	1	40	0	0	0	0
	point318	318										
Roadway48	point346	346	323	40	1	40	0	0	0	0	0	0
	point347	347	323	40	1	40	0	0	0	0	0	0
	point348	348	323	40	1	40	0	0	0	0	0	0
	point349	349	323	40	1	40	0	0	0	0	0	0
	point350	350										

Roadway49	point355	355	323	40	1	40	0	0	0	0	0	0
	point354	354	323	40	1	40	0	0	0	0	0	0
	point353	353	323	40	1	40	0	0	0	0	0	0
	point352	352	323	40	1	40	0	0	0	0	0	0
	point351	351										
Roadway50	point356	356	1185	40	11	40	0	0	0	0	0	0
	point357	357										
Roadway51	point366	366	433	40	2	40	4	40	0	0	0	0
	point365	365	433	40	2	40	4	40	0	0	0	0
	point364	364	433	40	2	40	4	40	0	0	0	0
	point363	363										
Roadway53	point370	370	457	40	2	40	0	0	0	0	0	0
	point371	371	457	40	2	40	0	0	0	0	0	0
	point372	372										
Roadway54	point375	375	588	45	3	45	6	45	0	0	0	0
	point376	376	588	45	3	45	6	45	0	0	0	0
	point377	377	588	45	3	45	6	45	0	0	0	0
	point378	378	588	45	3	45	6	45	0	0	0	0
	point379	379	588	45	3	45	6	45	0	0	0	0
	point380	380	588	45	3	45	6	45	0	0	0	0
	point381	381	588	45	3	45	6	45	0	0	0	0
	point382	382	588	45	3	45	6	45	0	0	0	0
	point383	383	588	45	3	45	6	45	0	0	0	0
	point384	384	588	45	3	45	6	45	0	0	0	0
	point385	385	588	45	3	45	6	45	0	0	0	0
	point386	386										
Roadway55	point389	389	155	40	1	40	2	40	0	0	0	0
	point388	388	155	40	1	40	2	40	0	0	0	0
	point387	387										
Roadway56	point390	390	799	40	3	40	0	0	0	0	0	0
	point391	391	799	40	3	40	0	0	0	0	0	0
	point392	392										
Roadway57	point393	393	1244	40	11	40	0	0	0	0	0	0
	point394	394	1244	40	11	40	0	0	0	0	0	0
	point395	395	1244	40	11	40	0	0	0	0	0	0
	point396	396	1244	40	11	40	0	0	0	0	0	0

	point397	397										
Roadway63	point442	442	4214	57	46	57	43	57	0	0	0	0
	point443	443	4214	57	46	57	43	57	0	0	0	0
	point444	444	4214	57	46	57	43	57	0	0	0	0
	point445	445	4214	57	46	57	43	57	0	0	0	0
	point446	446	4214	57	46	57	43	57	0	0	0	0
	point447	447	4214	57	46	57	43	57	0	0	0	0
	point448	448	4214	57	46	57	43	57	0	0	0	0
	point449	449	4214	57	46	57	43	57	0	0	0	0
	point450	450	4214	57	46	57	43	57	0	0	0	0
	point451	451	4214	57	46	57	43	57	0	0	0	0
	point452	452	4214	57	46	57	43	57	0	0	0	0
	point453	453	4214	57	46	57	43	57	0	0	0	0
	point454	454	4214	57	46	57	43	57	0	0	0	0
	point455	455	4214	57	46	57	43	57	0	0	0	0
	point456	456	4214	57	46	57	43	57	0	0	0	0
	point457	457										
Roadway64	point458	458	4802	57	49	57	49	57	0	0	0	0
	point459	459	4802	57	49	57	49	57	0	0	0	0
	point654	654	4802	57	49	57	49	57	0	0	0	0
	point460	460	4802	57	49	57	49	57	0	0	0	0
	point461	461	4802	57	49	57	49	57	0	0	0	0
	point462	462	4802	57	49	57	49	57	0	0	0	0
	point463	463	4802	57	49	57	49	57	0	0	0	0
	point464	464	4802	57	49	57	49	57	0	0	0	0
	point465	465	4802	57	49	57	49	57	0	0	0	0
	point466	466	4802	57	49	57	49	57	0	0	0	0
	point467	467	4802	57	49	57	49	57	0	0	0	0
	point468	468	4802	57	49	57	49	57	0	0	0	0
	point469	469	4802	57	49	57	49	57	0	0	0	0
	point470	470	4802	57	49	57	49	57	0	0	0	0
	point471	471	4802	57	49	57	49	57	0	0	0	0
	point472	472	4802	57	49	57	49	57	0	0	0	0
	point473	473	4802	57	49	57	49	57	0	0	0	0
	point474	474	4802	57	49	57	49	57	0	0	0	0
	point475	475	4802	57	49	57	49	57	0	0	0	0

	point476	476	4802	57	49	57	49	57	0	0	0	0
	point477	477										
Roadway65	point485	485	120	40	2	40	1	40	0	0	0	0
	point484	484	120	40	2	40	1	40	0	0	0	0
	point483	483	120	40	2	40	1	40	0	0	0	0
	point482	482	120	40	2	40	1	40	0	0	0	0
	point481	481	120	40	2	40	1	40	0	0	0	0
	point480	480	120	40	2	40	1	40	0	0	0	0
	point479	479	120	40	2	40	1	40	0	0	0	0
	point478	478										
Roadway66	point493	493	122	35	2	35	1	35	0	0	0	0
	point492	492	122	35	2	35	1	35	0	0	0	0
	point491	491	122	35	2	35	1	35	0	0	0	0
	point490	490	122	35	2	35	1	35	0	0	0	0
	point489	489	122	35	2	35	1	35	0	0	0	0
	point488	488	122	35	2	35	1	35	0	0	0	0
	point487	487	122	35	2	35	1	35	0	0	0	0
	point486	486										
Roadway67	point499	499	586	40	9	40	6	40	0	0	0	0
	point498	498	586	40	9	40	6	40	0	0	0	0
	point497	497	586	40	9	40	6	40	0	0	0	0
	point496	496	586	40	9	40	6	40	0	0	0	0
	point495	495	586	40	9	40	6	40	0	0	0	0
	point494	494										
Roadway32-2	point595	595	489	30	8	30	3	30	0	0	0	0
	point247	247	489	30	8	30	3	30	0	0	0	0
	point246	246	489	30	8	30	3	30	0	0	0	0
	point245	245	489	30	8	30	3	30	0	0	0	0
	point244	244	489	30	8	30	3	30	0	0	0	0
	point243	243	489	30	8	30	3	30	0	0	0	0
	point242	242										
Roadway32-2	point596	596	674	40	10	40	3	40	0	0	0	0
	point273	273	674	40	10	40	3	40	0	0	0	0
	point274	274	674	40	10	40	3	40	0	0	0	0
	point275	275	674	40	10	40	3	40	0	0	0	0
	point276	276										

Roadway86	point605	605	2922	58	30	58	30	58	0	0	0	0
	point604	604	2922	58	30	58	30	58	0	0	0	0
	point603	603	2922	58	30	58	30	58	0	0	0	0
	point602	602	2922	58	30	58	30	58	0	0	0	0
	point601	601	2922	58	30	58	30	58	0	0	0	0
	point600	600	2922	58	30	58	30	58	0	0	0	0
	point599	599	2922	58	30	58	30	58	0	0	0	0
	point598	598	2922	58	30	58	30	58	0	0	0	0
	point597	597										
Roadway89	point611	611	3528	57	36	57	36	57	0	0	0	0
	point612	612	3528	57	36	57	36	57	0	0	0	0
	point613	613	3528	57	36	57	36	57	0	0	0	0
	point615	615	3528	57	36	57	36	57	0	0	0	0
	point616	616	3528	57	36	57	36	57	0	0	0	0
	point618	618	3528	57	36	57	36	57	0	0	0	0
	point620	620	3528	57	36	57	36	57	0	0	0	0
	point622	622	3528	57	36	57	36	57	0	0	0	0
	point624	624	3528	57	36	57	36	57	0	0	0	0
	point625	625	3528	57	36	57	36	57	0	0	0	0
	point627	627	3528	57	36	57	36	57	0	0	0	0
	point628	628	3528	57	36	57	36	57	0	0	0	0
	point629	629	3528	57	36	57	36	57	0	0	0	0
	point653	653	3528	57	36	57	36	57	0	0	0	0
	point630	630	3528	57	36	57	36	57	0	0	0	0
	point631	631										
Roadway58-Roadway60	point413	413	927	40	8	40	1	40	0	0	0	0
	point414	414	927	40	8	40	1	40	0	0	0	0
	point415	415	927	40	8	40	1	40	0	0	0	0
	point416	416	927	40	8	40	1	40	0	0	0	0
	point417	417	927	40	8	40	1	40	0	0	0	0
	point418	418	927	40	8	40	1	40	0	0	0	0
	point419	419	927	40	8	40	1	40	0	0	0	0
	point420	420	927	40	8	40	1	40	0	0	0	0
	point421	421										
Roadway14	point436	436	316	40	5	40	3	40	0	0	0	0
	point435	435	316	40	5	40	3	40	0	0	0	0

	point434	434										
Roadway14-2	point632	632	316	45	5	45	3	45	0	0	0	0
	point123	123	316	45	5	45	3	45	0	0	0	0
	point122	122	316	45	5	45	3	45	0	0	0	0
	point121	121	316	45	5	45	3	45	0	0	0	0
	point120	120	316	45	5	45	3	45	0	0	0	0
	point119	119	316	45	5	45	3	45	0	0	0	0
	point118	118										
Roadway94	point635	635	341	40	4	40	2	40	0	0	0	0
	point634	634	341	40	4	40	2	40	0	0	0	0
	point633	633										
Roadway87-Roadway26	point210	210	352	45	6	45	4	45	0	0	0	0
	point209	209	352	45	6	45	4	45	0	0	0	0
	point208	208	352	45	6	45	4	45	0	0	0	0
	point207	207	352	45	6	45	4	45	0	0	0	0
	point206	206	352	45	6	45	4	45	0	0	0	0
	point205	205	352	45	6	45	4	45	0	0	0	0
	point204	204	352	45	6	45	4	45	0	0	0	0
	point203	203	352	45	6	45	4	45	0	0	0	0
	point202	202	352	45	6	45	4	45	0	0	0	0
	point754	754										
Roadway87-Roadway26-2	point646	646	292	40	5	40	3	40	0	0	0	0
	point606	606	292	40	5	40	3	40	0	0	0	0
	point607	607										
Roadway98	point647	647	381	40	6	40	4	40	0	0	0	0
	point648	648										
Roadway88-2	point608	608	444	40	7	40	4	40	0	0	0	0
	point651	651										
Roadway100	point659	659	596	40	2	40	2	40	0	0	0	0
	point658	658	596	40	2	40	2	40	0	0	0	0
	point657	657	596	40	2	40	2	40	0	0	0	0
	point656	656										
Roadway101	point660	660	304	40	2	40	0	0	0	0	0	0
	point748	748	304	40	2	40	0	0	0	0	0	0
	point747	747	304	40	2	40	0	0	0	0	0	0
	point662	662	304	40	2	40	0	0	0	0	0	0

	point663	663	304	40	2	40	0	0	0	0	0	0
	point664	664										
Roadway95-2	point668	668	242	40	4	40	2	40	0	0	0	0
	point639	639	242	40	4	40	2	40	0	0	0	0
	point752	752	242	40	4	40	2	40	0	0	0	0
	point751	751	242	40	4	40	2	40	0	0	0	0
	point641	641	242	40	4	40	2	40	0	0	0	0
	point642	642	242	40	4	40	2	40	0	0	0	0
	point643	643	242	40	4	40	2	40	0	0	0	0
	point644	644	242	40	4	40	2	40	0	0	0	0
	point688	688										
Roadway13-2	point669	669	112	40	2	40	1	40	0	0	0	0
	point110	110	112	40	2	40	1	40	0	0	0	0
	point109	109	112	40	2	40	1	40	0	0	0	0
	point108	108	112	40	2	40	1	40	0	0	0	0
	point107	107										
Roadway104	point670	670	273	40	4	40	3	40	0	0	0	0
	point671	671	273	40	4	40	3	40	0	0	0	0
	point672	672	273	40	4	40	3	40	0	0	0	0
	point673	673	273	40	4	40	3	40	0	0	0	0
	point674	674										
Roadway105	point675	675	586	40	9	40	6	40	0	0	0	0
	point676	676	586	40	9	40	6	40	0	0	0	0
	point677	677	586	40	9	40	6	40	0	0	0	0
	point678	678	586	40	9	40	6	40	0	0	0	0
	point679	679										
Roadway106	point681	681	120	40	2	40	1	40	0	0	0	0
	point682	682										
Roadway32-2	point683	683	674	40	10	40	3	40	0	0	0	0
	point272	272										
Roadway32	point594	594	1292	40	20	40	7	40	0	0	0	0
	point593	593	1292	40	20	40	7	40	0	0	0	0
	point592	592	1292	40	20	40	7	40	0	0	0	0
	point591	591	1292	40	20	40	7	40	0	0	0	0
	point590	590	1292	40	20	40	7	40	0	0	0	0
	point589	589	1292	40	20	40	7	40	0	0	0	0

	point588	588	1292	40	20	40	7	40	0	0	0	0
	point587	587	1292	40	20	40	7	40	0	0	0	0
	point586	586	1292	40	20	40	7	40	0	0	0	0
	point585	585	1292	40	20	40	7	40	0	0	0	0
	point584	584	1292	40	20	40	7	40	0	0	0	0
	point583	583	1292	40	20	40	7	40	0	0	0	0
	point582	582	1292	40	20	40	7	40	0	0	0	0
	point581	581	1292	40	20	40	7	40	0	0	0	0
	point580	580	1292	40	20	40	7	40	0	0	0	0
	point579	579	1292	40	20	40	7	40	0	0	0	0
	point578	578	1292	40	20	40	7	40	0	0	0	0
	point577	577	1292	40	20	40	7	40	0	0	0	0
	point547	547	1292	40	20	40	7	40	0	0	0	0
	point546	546	1292	40	20	40	7	40	0	0	0	0
	point545	545	1292	40	20	40	7	40	0	0	0	0
	point544	544	1292	40	20	40	7	40	0	0	0	0
	point543	543	1292	40	20	40	7	40	0	0	0	0
	point542	542	1292	40	20	40	7	40	0	0	0	0
	point541	541	1292	40	20	40	7	40	0	0	0	0
	point540	540	1292	40	20	40	7	40	0	0	0	0
	point526	526	1292	40	20	40	7	40	0	0	0	0
	point527	527	1292	40	20	40	7	40	0	0	0	0
	point528	528	1292	40	20	40	7	40	0	0	0	0
	point529	529	1292	40	20	40	7	40	0	0	0	0
	point530	530	1292	40	20	40	7	40	0	0	0	0
	point531	531	1292	40	20	40	7	40	0	0	0	0
	point512	512	1292	40	20	40	7	40	0	0	0	0
	point511	511	1292	40	20	40	7	40	0	0	0	0
	point510	510	1292	40	20	40	7	40	0	0	0	0
	point509	509	1292	40	20	40	7	40	0	0	0	0
	point508	508	1292	40	20	40	7	40	0	0	0	0
	point507	507	1292	40	20	40	7	40	0	0	0	0
	point505	505	1292	40	20	40	7	40	0	0	0	0
	point504	504	1292	40	20	40	7	40	0	0	0	0
	point503	503	1292	40	20	40	7	40	0	0	0	0
	point502	502	1292	40	20	40	7	40	0	0	0	0

	point501	501	1292	40	20	40	7	40	0	0	0	0
	point500	500	1292	40	20	40	7	40	0	0	0	0
	point250	250	1292	40	20	40	7	40	0	0	0	0
	point249	249	1292	40	20	40	7	40	0	0	0	0
	point248	248										
Roadway34	point263	263	815	40	12	40	7	40	0	0	0	0
	point262	262	815	40	12	40	7	40	0	0	0	0
	point261	261	815	40	12	40	7	40	0	0	0	0
	point260	260	815	40	12	40	7	40	0	0	0	0
	point259	259	815	40	12	40	7	40	0	0	0	0
	point258	258	815	40	12	40	7	40	0	0	0	0
	point257	257	815	40	12	40	7	40	0	0	0	0
	point256	256	815	40	12	40	7	40	0	0	0	0
	point513	513	815	40	12	40	7	40	0	0	0	0
	point514	514	815	40	12	40	7	40	0	0	0	0
	point515	515	815	40	12	40	7	40	0	0	0	0
	point516	516	815	40	12	40	7	40	0	0	0	0
	point517	517	815	40	12	40	7	40	0	0	0	0
	point518	518	815	40	12	40	7	40	0	0	0	0
	point519	519	815	40	12	40	7	40	0	0	0	0
	point520	520	815	40	12	40	7	40	0	0	0	0
	point521	521	815	40	12	40	7	40	0	0	0	0
	point522	522	815	40	12	40	7	40	0	0	0	0
	point523	523	815	40	12	40	7	40	0	0	0	0
	point524	524	815	40	12	40	7	40	0	0	0	0
	point525	525	815	40	12	40	7	40	0	0	0	0
	point538	538	815	40	12	40	7	40	0	0	0	0
	point537	537	815	40	12	40	7	40	0	0	0	0
	point536	536	815	40	12	40	7	40	0	0	0	0
	point535	535	815	40	12	40	7	40	0	0	0	0
	point534	534	815	40	12	40	7	40	0	0	0	0
	point533	533	815	40	12	40	7	40	0	0	0	0
	point532	532	815	40	12	40	7	40	0	0	0	0
	point556	556	815	40	12	40	7	40	0	0	0	0
	point555	555	815	40	12	40	7	40	0	0	0	0
	point554	554	815	40	12	40	7	40	0	0	0	0

	point553	553	815	40	12	40	7	40	0	0	0	0
	point552	552	815	40	12	40	7	40	0	0	0	0
	point551	551	815	40	12	40	7	40	0	0	0	0
	point550	550	815	40	12	40	7	40	0	0	0	0
	point549	549	815	40	12	40	7	40	0	0	0	0
	point557	557	815	40	12	40	7	40	0	0	0	0
	point558	558	815	40	12	40	7	40	0	0	0	0
	point559	559	815	40	12	40	7	40	0	0	0	0
	point560	560	815	40	12	40	7	40	0	0	0	0
	point561	561	815	40	12	40	7	40	0	0	0	0
	point562	562	815	40	12	40	7	40	0	0	0	0
	point563	563	815	40	12	40	7	40	0	0	0	0
	point564	564	815	40	12	40	7	40	0	0	0	0
	point565	565	815	40	12	40	7	40	0	0	0	0
	point566	566	815	40	12	40	7	40	0	0	0	0
	point567	567	815	40	12	40	7	40	0	0	0	0
	point568	568	815	40	12	40	7	40	0	0	0	0
	point569	569	815	40	12	40	7	40	0	0	0	0
	point570	570	815	40	12	40	7	40	0	0	0	0
	point571	571	815	40	12	40	7	40	0	0	0	0
	point572	572	815	40	12	40	7	40	0	0	0	0
	point573	573	815	40	12	40	7	40	0	0	0	0
	point574	574										
Roadway110	point684	684	60	40	1	40	1	40	0	0	0	0
	point685	685	60	40	1	40	1	40	0	0	0	0
	point686	686	60	40	1	40	1	40	0	0	0	0
	point687	687										
Roadway29	point437	437	5390	55	55	55	55	55	0	0	0	0
	point438	438	5390	55	55	55	55	55	0	0	0	0
	point439	439	5390	55	55	55	55	55	0	0	0	0
	point440	440	5390	55	55	55	55	55	0	0	0	0
	point223	223	5390	55	55	55	55	55	0	0	0	0
	point224	224	5390	55	55	55	55	55	0	0	0	0
	point225	225	5390	55	55	55	55	55	0	0	0	0
	point226	226	5390	55	55	55	55	55	0	0	0	0
	point227	227	5390	55	55	55	55	55	0	0	0	0

	point228	228	5390	55	55	55	55	55	0	0	0	0
	point229	229	5390	55	55	55	55	55	0	0	0	0
	point230	230	5390	55	55	55	55	55	0	0	0	0
	point231	231										
Roadway47	point341	341	1113	40	4	40	0	0	0	0	0	0
	point340	340	1113	40	4	40	0	0	0	0	0	0
	point339	339	1113	40	4	40	0	0	0	0	0	0
	point338	338	1113	40	4	40	0	0	0	0	0	0
	point337	337	1113	40	4	40	0	0	0	0	0	0
	point336	336	1113	40	4	40	0	0	0	0	0	0
	point345	345	1113	40	4	40	0	0	0	0	0	0
	point344	344	1113	40	4	40	0	0	0	0	0	0
	point343	343	1113	40	4	40	0	0	0	0	0	0
	point342	342										
Roadway95-2-2	point689	689	258	40	4	40	2	40	0	0	0	0
	point645	645										
Roadway37-2	point690	690	519	40	3	40	1	40	0	0	0	0
	point271	271										
Roadway53-2	point691	691	457	40	2	40	0	0	0	0	0	0
	point373	373	457	40	2	40	0	0	0	0	0	0
	point374	374										
Roadway116	point692	692	234	30	1	30	0	0	0	0	0	0
	point693	693	234	30	1	30	0	0	0	0	0	0
	point694	694										
Roadway117	point699	699	119	40	1	40	0	0	0	0	0	0
	point698	698	119	40	1	40	0	0	0	0	0	0
	point697	697										
Roadway119	point705	705	119	40	1	40	0	0	0	0	0	0
	point706	706	119	40	1	40	0	0	0	0	0	0
	point707	707	119	40	1	40	0	0	0	0	0	0
	point708	708	119	40	1	40	0	0	0	0	0	0
	point709	709	119	40	1	40	0	0	0	0	0	0
	point710	710										
Roadway120	point711	711	10	30	0	0	0	0	0	0	0	0
	point712	712	10	30	0	0	0	0	0	0	0	0
	point713	713	10	30	0	0	0	0	0	0	0	0

	point714	714	10	30	0	0	0	0	0	0	0	0
	point715	715	10	30	0	0	0	0	0	0	0	0
	point716	716	10	30	0	0	0	0	0	0	0	0
	point717	717										
Roadway120-2	point728	728	10	30	0	0	0	0	0	0	0	0
	point718	718	10	30	0	0	0	0	0	0	0	0
	point740	740	10	30	0	0	0	0	0	0	0	0
	point719	719	10	30	0	0	0	0	0	0	0	0
	point720	720	10	30	0	0	0	0	0	0	0	0
	point721	721	10	30	0	0	0	0	0	0	0	0
	point722	722	10	30	0	0	0	0	0	0	0	0
	point723	723	10	30	0	0	0	0	0	0	0	0
	point724	724	10	30	0	0	0	0	0	0	0	0
	point725	725	10	30	0	0	0	0	0	0	0	0
	point726	726										
Roadway58-Roadway60-2	point729	729	768	40	7	40	1	40	0	0	0	0
	point423	423										
Roadway57-2	point731	731	1185	40	11	40	0	0	0	0	0	0
	point727	727	1185	40	11	40	0	0	0	0	0	0
	point745	745	1185	40	11	40	0	0	0	0	0	0
	point402	402	1185	40	11	40	0	0	0	0	0	0
	point403	403	1185	40	11	40	0	0	0	0	0	0
	point404	404	1185	40	11	40	0	0	0	0	0	0
	point405	405	1185	40	11	40	0	0	0	0	0	0
	point406	406	1185	40	11	40	0	0	0	0	0	0
	point407	407	1185	40	11	40	0	0	0	0	0	0
	point408	408	1185	40	11	40	0	0	0	0	0	0
	point409	409	1185	40	11	40	0	0	0	0	0	0
	point410	410	1185	40	11	40	0	0	0	0	0	0
	point411	411	1185	40	11	40	0	0	0	0	0	0
	point412	412										
Roadway58-Roadway60-2-2	point732	732	778	40	7	40	1	40	0	0	0	0
	point424	424	778	40	7	40	1	40	0	0	0	0
	point425	425	778	40	7	40	1	40	0	0	0	0
	point426	426	778	40	7	40	1	40	0	0	0	0
	point427	427	778	40	7	40	1	40	0	0	0	0

	point428	428	778	40	7	40	1	40	0	0	0	0
	point430	430	778	40	7	40	1	40	0	0	0	0
	point432	432	778	40	7	40	1	40	0	0	0	0
	point433	433										
Roadway50-2	point733	733	480	40	1	40	1	40	0	0	0	0
	point358	358	480	40	1	40	1	40	0	0	0	0
	point359	359	480	40	1	40	1	40	0	0	0	0
	point360	360										
Roadway51-2	point734	734	663	40	2	40	2	40	0	0	0	0
	point362	362	663	40	2	40	2	40	0	0	0	0
	point361	361										
Roadway52-2	point735	735	596	40	2	40	2	40	0	0	0	3
	point369	369										
Roadway58-Roadway60-2	point736	736	808	40	7	40	1	40	0	0	0	0
	point422	422										
Roadway129	point737	737	119	40	1	40	0	0	0	0	0	0
	point738	738										
Roadway117-2	point739	739	238	30	2	30	0	0	0	0	0	0
	point696	696	238	30	2	30	0	0	0	0	0	0
	point695	695										
Roadway131	point741	741	119	40	1	40	0	0	0	0	0	0
	point746	746	119	40	1	40	0	0	0	0	0	0
	point742	742	119	40	1	40	0	0	0	0	0	0
	point743	743										
Roadway57-2	point744	744	1115	40	10	40	0	0	0	0	0	0
	point398	398	1115	40	10	40	0	0	0	0	0	0
	point399	399	1115	40	10	40	0	0	0	0	0	0
	point400	400	1115	40	10	40	0	0	0	0	0	0
	point401	401	1115	40	10	40	0	0	0	0	0	0
	point730	730										
Roadway87-Roadway26-2	point755	755	292	45	5	45	3	45	0	0	0	0
	point201	201										
Roadway134	point756	756	286	30	0	0	0	0	0	0	0	0
	point757	757	286	30	0	0	0	0	0	0	0	0
	point758	758	286	30	0	0	0	0	0	0	0	0
	point759	759	286	30	0	0	0	0	0	0	0	0

	point760	760	286	30	0	0	0	0	0	0	0	0
	point761	761	286	30	0	0	0	0	0	0	0	0
	point762	762	286	30	0	0	0	0	0	0	0	0
	point763	763	286	30	0	0	0	0	0	0	0	0
	point764	764	286	30	0	0	0	0	0	0	0	0
	point765	765	286	30	0	0	0	0	0	0	0	0
	point766	766										
Roadway135	point767	767	286	30	0	0	0	0	0	0	0	0
	point768	768	286	30	0	0	0	0	0	0	0	0
	point769	769	286	30	0	0	0	0	0	0	0	0
	point770	770	286	30	0	0	0	0	0	0	0	0
	point771	771	286	30	0	0	0	0	0	0	0	0
	point772	772	286	30	0	0	0	0	0	0	0	0
	point773	773	286	30	0	0	0	0	0	0	0	0
	point774	774	286	30	0	0	0	0	0	0	0	0
	point775	775	286	30	0	0	0	0	0	0	0	0
	point776	776	286	30	0	0	0	0	0	0	0	0
	point777	777										
Roadway43-2	point778	778	1265	55	5	55	2	55	0	0	0	0
	point308	308	1265	55	5	55	2	55	0	0	0	0
	point307	307	1265	55	5	55	2	55	0	0	0	0
	point306	306	1265	55	5	55	2	55	0	0	0	0
	point305	305	1265	55	5	55	2	55	0	0	0	0
	point304	304	1265	55	5	55	2	55	0	0	0	0
	point303	303	1265	55	5	55	2	55	0	0	0	0
	point302	302	1265	55	5	55	2	55	0	0	0	0
	point301	301	1265	55	5	55	2	55	0	0	0	0
	point300	300	1265	55	5	55	2	55	0	0	0	0
	point299	299	1265	55	5	55	2	55	0	0	0	0
	point298	298	1265	55	5	55	2	55	0	0	0	0
	point297	297										
Roadway98-2	point779	779	441	40	7	40	5	40	0	0	0	0
	point650	650										
Roadway139	point780	780	304	40	2	40	0	0	0	0	0	0
	point781	781										

CHA						27 February 2012					
EVN						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	Interchange 3/4										
RUN:	Existing AM										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Receiver 4	1	1	680,131.0	1,418,740.0	304.00	4.92	74.20	71	6.0	7.0	
Receiver 5	3	1	682,117.2	1,418,969.6	302.30	4.92	62.70	66	6.0	7.0	
Receiver 3	4	1	678,329.8	1,417,555.4	303.10	4.92	71.00	66	6.0	7.0	
Receiver 1	5	1	676,974.0	1,417,466.4	295.60	4.92	61.70	66	6.0	7.0	
Receiver 6	6	1	684,458.0	1,422,801.0	305.00	4.92	68.50	66	6.0	7.0	Y
Receiver 2	7	1	680,263.1	1,419,417.0	299.20	4.92	65.40	71	6.0	7.0	
R6A	11	1	684,450.0	1,422,673.0	306.00	4.92	0.00	66	6.0	7.0	Y
R6B	12	1	684,313.7	1,422,402.0	302.00	4.92	0.00	66	6.0	7.0	Y
R6C	13	1	684,231.8	1,422,226.2	303.00	4.92	0.00	66	6.0	7.0	Y
R4A	14	1	680,130.0	1,418,508.0	305.00	4.92	0.00	71	6.0	7.0	
R4B	15	1	680,462.4	1,418,672.2	301.00	4.92	0.00	66	6.0	7.0	
R4C	16	1	679,074.0	1,417,505.0	306.00	4.92	0.00	71	6.0	7.0	
R2A	17	1	680,182.0	1,419,809.0	296.00	4.92	0.00	71	6.0	7.0	
R6D	19	3	684,110.5	1,422,060.6	304.00	4.92	0.00	66	6.0	7.0	Y
R6E	20	3	683,950.4	1,421,823.1	311.00	4.92	0.00	66	6.0	7.0	Y
R6F	21	3	684,132.5	1,421,675.9	311.00	4.92	0.00	66	6.0	7.0	Y
R6G	22	2	684,322.3	1,422,036.9	308.00	4.92	0.00	66	6.0	7.0	Y
R6H	23	2	684,492.7	1,422,311.8	306.00	4.92	0.00	66	6.0	7.0	Y
R6I	24	1	684,602.6	1,422,384.9	306.00	4.92	0.00	66	6.0	7.0	Y
R6J	26	3	684,625.1	1,422,519.2	306.00	4.92	0.00	66	6.0	7.0	Y
R6K	27	1	684,508.1	1,422,625.5	306.00	4.92	0.00	66	6.0	7.0	Y
R6L	28	2	684,643.5	1,422,830.6	306.00	4.92	0.00	66	6.0	7.0	Y

R6M	30	3	684,725.3	1,422,744.1	304.00	4.92	0.00	66	6.0	7.0	Y
R6N	31	2	684,842.7	1,422,673.0	304.00	4.92	0.00	66	6.0	7.0	Y
R6O	32	1	684,731.4	1,422,878.4	303.50	4.92	0.00	66	6.0	7.0	Y
R6P	33	2	684,916.8	1,422,955.6	301.00	4.92	0.00	66	6.0	7.0	Y
R6Q	34	2	684,858.1	1,423,093.1	303.00	4.92	0.00	66	6.0	7.0	Y
R6R	35	4	684,250.6	1,421,610.2	310.00	4.92	0.00	66	6.0	7.0	Y
R6S	36	4	684,394.2	1,421,854.2	308.00	4.92	0.00	66	6.0	7.0	Y
R6T	37	4	684,631.1	1,422,217.2	307.00	4.92	0.00	66	6.0	7.0	Y
R6U	38	2	684,802.5	1,422,271.4	306.00	4.92	0.00	66	6.0	7.0	Y
R3B	40	1	678,728.1	1,416,928.4	303.00	4.92	0.00	72	6.0	7.0	Y
R6D 1											
R6E 1											
R6F 1											
R6G 1											
R6H 1											
R6I 1											
R6J 1											
R6K 1											
R6L 1											

CHA						27 February 2012					
EVN						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	Interchange 3/4										
RUN:	Existing AM										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Receiver 4	1	1	680,131.0	1,418,740.0	304.00	4.92	74.20	71	6.0	7.0	
Receiver 5	3	1	682,117.2	1,418,969.6	302.30	4.92	62.70	66	6.0	7.0	
Receiver 3	4	1	678,329.8	1,417,555.4	303.10	4.92	71.00	66	6.0	7.0	
Receiver 1	5	1	676,974.0	1,417,466.4	295.60	4.92	61.70	66	6.0	7.0	
Receiver 6	6	1	684,458.0	1,422,801.0	305.00	4.92	68.50	66	6.0	7.0	
Receiver 2	7	1	680,212.0	1,419,420.0	299.50	4.92	65.40	71	6.0	7.0	Y
R6A	11	1	684,450.0	1,422,673.0	306.00	4.92	0.00	66	6.0	7.0	
R6B	12	1	684,313.7	1,422,402.0	302.00	4.92	0.00	66	6.0	7.0	
R6C	13	1	684,231.8	1,422,226.2	303.00	4.92	0.00	66	6.0	7.0	
R4A	14	1	680,130.0	1,418,508.0	305.00	4.92	0.00	71	6.0	7.0	
R4B	15	1	680,462.4	1,418,672.2	301.00	4.92	0.00	66	6.0	7.0	
R4C	16	1	679,074.0	1,417,505.0	306.00	4.92	0.00	71	6.0	7.0	
R2A	17	1	680,182.0	1,419,809.0	296.00	4.92	0.00	71	6.0	7.0	
R6D	19	3	684,110.5	1,422,060.6	304.00	4.92	0.00	66	6.0	7.0	
R6E	20	3	683,950.4	1,421,823.1	311.00	4.92	0.00	66	6.0	7.0	
R6F	21	3	684,132.5	1,421,675.9	311.00	4.92	0.00	66	6.0	7.0	
R6G	22	2	684,322.3	1,422,036.9	308.00	4.92	0.00	66	6.0	7.0	
R6H	23	2	684,492.7	1,422,311.8	306.00	4.92	0.00	66	6.0	7.0	
R6I	24	1	684,602.6	1,422,384.9	306.00	4.92	0.00	66	6.0	7.0	
R6J	25	3	684,625.1	1,422,519.2	306.00	4.92	0.00	66	6.0	7.0	
R6K	26	1	684,508.1	1,422,625.5	306.00	4.92	0.00	66	6.0	7.0	
R6L	27	2	684,643.5	1,422,830.6	306.00	4.92	0.00	66	6.0	7.0	

R6M	28	3	684,725.3	1,422,744.1	304.00	4.92	0.00	66	6.0	7.0	
R6N	30	2	684,842.7	1,422,673.0	304.00	4.92	0.00	66	6.0	7.0	
R6O	31	1	684,731.4	1,422,878.4	303.50	4.92	0.00	66	6.0	7.0	
R6P	32	2	684,916.8	1,422,955.6	301.00	4.92	0.00	66	6.0	7.0	
R6Q	33	2	684,858.1	1,423,093.1	303.00	4.92	0.00	66	6.0	7.0	
R6R	34	4	684,250.6	1,421,610.2	310.00	4.92	0.00	66	6.0	7.0	
R6S	35	4	684,394.2	1,421,854.2	308.00	4.92	0.00	66	6.0	7.0	
R6T	36	4	684,631.1	1,422,217.2	307.00	4.92	0.00	66	6.0	7.0	
R6U	37	2	684,802.5	1,422,271.4	306.00	4.92	0.00	66	6.0	7.0	
R3B	38	1	678,728.1	1,416,928.4	303.00	4.92	0.00	72	6.0	7.0	

CHA					27 February 2012														
EVN					TNM 2.5														
INPUT: BARRIERS																			
PROJECT/CONTRACT:	Interchange 3/4																		
RUN:	Existing AM																		
Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	$ per	$ per	Top	Run:Rise	$ per			X	Y	Z	at	Seg Ht Perturbs			On	Important
				Unit	Unit	Width		Unit						Point	Incre-	#Up	#Dn	Struct?	Reflec-
				Area	Vol.			Length							ment				tions?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
Barrier2	W	0.00	99.99	0.00				0.00	point50	50	681,876.4	1,418,478.8	306.39	30.00	0.00	0	0		
									point51	51	681,871.7	1,418,475.9	306.39	30.00	0.00	0	0		
									point52	52	681,813.1	1,418,431.0	306.43	30.00	0.00	0	0		
									point53	53	681,752.2	1,418,385.4	305.69	30.00	0.00	0	0		
									point54	54	681,750.0	1,418,377.0	305.36	30.00	0.00	0	0		
									point55	55	681,783.9	1,418,331.5	305.54	30.00	0.00	0	0		
									point56	56	681,812.4	1,418,293.5	305.69	30.00	0.00	0	0		
									point57	57	681,848.2	1,418,246.0	306.06	30.00	0.00	0	0		
									point58	58	681,881.2	1,418,202.0	306.37	30.00	0.00	0	0		
									point59	59	681,909.9	1,418,163.9	306.15	30.00	0.00	0	0		
									point60	60	681,924.6	1,418,143.9	305.54	30.00	0.00	0	0		
									point61	61	681,966.8	1,418,175.5	305.20	30.00	0.00	0	0		
									point62	62	681,969.8	1,418,171.6	305.85	30.00	0.00	0	0		
									point63	63	681,973.8	1,418,174.6	305.84	30.00	0.00	0	0		
									point64	64	681,971.0	1,418,178.4	305.79	30.00	0.00	0	0		
									point65	65	682,006.9	1,418,205.9	305.60	30.00	0.00	0	0		
									point66	66	682,048.4	1,418,236.8	306.08	30.00	0.00	0	0		
									point67	67	682,051.2	1,418,232.8	306.26	30.00	0.00	0	0		
									point68	68	682,055.4	1,418,235.8	306.27	30.00	0.00	0	0		
									point69	69	682,052.5	1,418,239.8	306.27	30.00	0.00	0	0		
									point70	70	682,088.7	1,418,267.1	306.14	30.00	0.00	0	0		
									point71	71	682,128.3	1,418,296.8	306.29	30.00	0.00	0	0		
									point72	72	682,131.1	1,418,292.9	306.35	30.00	0.00	0	0		
									point73	73	682,135.2	1,418,296.0	306.37	30.00	0.00	0	0		
									point74	74	682,132.5	1,418,300.0	306.33	30.00	0.00	0	0		
									point75	75	682,161.4	1,418,322.0	305.64	30.00	0.00	0	0		
									point76	76	682,174.3	1,418,331.8	305.75	30.00	0.00	0	0		
									point77	77	682,139.9	1,418,378.0	306.20	30.00	0.00	0	0		
									point78	78	682,140.8	1,418,378.6	306.20	30.00	0.00	0	0		
									point79	79	682,118.1	1,418,408.0	306.33	30.00	0.00	0	0		
									point80	80	682,092.1	1,418,441.6	306.36	30.00	0.00	0	0		
									point81	81	682,075.8	1,418,463.6	306.43	30.00	0.00	0	0		
									point82	82	682,070.8	1,418,470.1	306.43	30.00	0.00	0	0		
									point83	83	682,041.8	1,418,508.5	306.44	30.00	0.00	0	0		
									point84	84	682,012.3	1,418,547.0	306.45	30.00	0.00	0	0		

									point85	85	681,999.6	1,418,563.6	306.17	30.00	0.00	0	0		
									point86	86	681,990.4	1,418,566.0	306.00	30.00	0.00	0	0		
									point87	87	681,987.4	1,418,563.0	306.18	30.00	0.00	0	0		
									point88	88	681,930.8	1,418,519.9	306.19	30.00	0.00	0	0		
									point89	89	681,876.4	1,418,478.8	306.39	30.00					
Barrier3	W	0.00	99.99	0.00				0.00	point90	90	682,332.9	1,419,033.5	307.46	15.00	0.00	0	0		
									point91	91	682,279.9	1,418,998.0	306.17	15.00	0.00	0	0		
									point92	92	682,299.5	1,418,969.0	307.03	15.00	0.00	0	0		
									point93	93	682,302.6	1,418,970.9	307.01	15.00	0.00	0	0		
									point94	94	682,340.0	1,418,917.2	307.23	15.00	0.00	0	0		
									point95	95	682,335.7	1,418,912.9	307.20	15.00	0.00	0	0		
									point96	96	682,351.0	1,418,891.1	307.44	15.00	0.00	0	0		
									point97	97	682,392.9	1,418,917.8	307.60	15.00	0.00	0	0		
									point98	98	682,420.5	1,418,937.4	307.68	15.00	0.00	0	0		
									point99	99	682,450.1	1,418,894.2	307.68	15.00	0.00	0	0		
									point100	100	682,500.4	1,418,927.5	307.67	15.00	0.00	0	0		
									point101	101	682,521.1	1,418,941.6	307.66	15.00	0.00	0	0		
									point102	102	682,486.5	1,418,994.5	307.35	15.00	0.00	0	0		
									point103	103	682,470.2	1,418,983.6	307.35	15.00	0.00	0	0		
									point104	104	682,451.9	1,419,010.6	307.38	15.00	0.00	0	0		
									point105	105	682,458.4	1,419,015.5	307.38	15.00	0.00	0	0		
									point106	106	682,441.8	1,419,040.0	307.37	15.00	0.00	0	0		
									point107	107	682,435.4	1,419,049.0	307.37	15.00	0.00	0	0		
									point108	108	682,396.9	1,419,109.0	307.50	15.00	0.00	0	0		
									point109	109	682,318.3	1,419,056.0	307.46	15.00	0.00	0	0		
									point110	110	682,332.9	1,419,033.5	307.46	15.00					
Barrier4	W	0.00	99.99	0.00				0.00	point111	111	682,132.7	1,419,762.2	303.40	30.00	0.00	0	0		
									point112	112	682,106.2	1,419,740.9	303.38	30.00	0.00	0	0		
									point113	113	682,069.6	1,419,710.9	303.46	30.00	0.00	0	0		
									point114	114	682,029.6	1,419,678.4	303.21	30.00	0.00	0	0		
									point115	115	682,019.2	1,419,669.8	303.18	30.00	0.00	0	0		
									point116	116	682,014.3	1,419,676.1	303.32	30.00	0.00	0	0		
									point117	117	682,006.6	1,419,679.9	303.53	30.00	0.00	0	0		
									point118	118	681,982.6	1,419,659.9	303.36	30.00	0.00	0	0		
									point119	119	681,960.1	1,419,642.1	303.15	30.00	0.00	0	0		
									point120	120	681,958.8	1,419,641.6	306.60	30.00	0.00	0	0		
									point121	121	681,964.9	1,419,633.0	306.72	30.00	0.00	0	0		
									point122	122	681,917.7	1,419,595.2	307.31	30.00	0.00	0	0		
									point123	123	681,882.6	1,419,566.5	307.01	30.00	0.00	0	0		
									point124	124	681,835.9	1,419,528.4	307.44	30.00	0.00	0	0		
									point125	125	681,801.0	1,419,499.1	306.39	30.00	0.00	0	0		
									point126	126	681,806.4	1,419,494.4	307.95	30.00	0.00	0	0		
									point127	127	681,965.8	1,419,298.2	306.49	30.00	0.00	0	0		
									point128	128	681,988.4	1,419,315.8	306.49	30.00	0.00	0	0		
									point129	129	681,980.6	1,419,325.5	306.73	30.00	0.00	0	0		
									point130	130	681,980.3	1,419,325.9	306.11	30.00	0.00	0	0		
									point131	131	681,972.9	1,419,334.2	306.18	30.00	0.00	0	0		
									point132	132	681,990.0	1,419,347.9	305.93	30.00	0.00	0	0		
									point133	133	681,990.5	1,419,348.6	306.57	30.00	0.00	0	0		

									point134	134	681,994.9	1,419,352.1	306.55	30.00	0.00	0	0		
									point135	135	682,021.4	1,419,374.6	306.35	30.00	0.00	0	0		
									point136	136	682,013.5	1,419,393.1	306.21	30.00	0.00	0	0		
									point137	137	681,988.5	1,419,424.5	306.50	30.00	0.00	0	0		
									point138	138	682,020.1	1,419,450.8	306.74	30.00	0.00	0	0		
									point139	139	682,053.3	1,419,478.8	306.53	30.00	0.00	0	0		
									point140	140	682,062.4	1,419,485.6	306.50	30.00	0.00	0	0		
									point141	141	682,068.4	1,419,489.8	306.49	30.00	0.00	0	0		
									point142	142	682,097.4	1,419,452.2	305.32	30.00	0.00	0	0		
									point143	143	682,098.2	1,419,452.6	304.85	30.00	0.00	0	0		
									point144	144	682,110.0	1,419,459.4	304.79	30.00	0.00	0	0		
									point145	145	682,151.0	1,419,492.8	304.66	30.00	0.00	0	0		
									point146	146	682,187.1	1,419,521.5	304.77	30.00	0.00	0	0		
									point147	147	682,223.6	1,419,553.2	304.20	30.00	0.00	0	0		
									point148	148	682,250.3	1,419,573.6	304.41	30.00	0.00	0	0		
									point149	149	682,257.7	1,419,564.4	304.36	30.00	0.00	0	0		
									point150	150	682,257.9	1,419,564.1	305.12	30.00	0.00	0	0		
									point151	151	682,263.0	1,419,558.2	305.46	30.00	0.00	0	0		
									point152	152	682,271.4	1,419,564.5	305.45	30.00	0.00	0	0		
									point153	153	682,291.4	1,419,582.0	305.25	30.00	0.00	0	0		
									point154	154	682,325.0	1,419,610.0	305.31	30.00	0.00	0	0		
									point155	155	682,328.0	1,419,612.2	305.32	30.00	0.00	0	0		
									point156	156	682,330.4	1,419,621.5	305.21	30.00	0.00	0	0		
									point157	157	682,330.5	1,419,622.4	304.44	30.00	0.00	0	0		
									point158	158	682,310.8	1,419,646.6	304.23	30.00	0.00	0	0		
									point159	159	682,300.2	1,419,659.4	304.21	30.00	0.00	0	0		
									point160	160	682,272.3	1,419,636.9	304.25	30.00	0.00	0	0		
									point161	161	682,249.6	1,419,618.6	304.42	30.00	0.00	0	0		
									point162	162	682,226.8	1,419,647.6	304.42	30.00	0.00	0	0		
									point163	163	682,213.2	1,419,663.4	303.83	30.00	0.00	0	0		
									point164	164	682,203.1	1,419,676.0	303.57	30.00	0.00	0	0		
									point165	165	682,210.0	1,419,681.5	303.60	30.00	0.00	0	0		
									point166	166	682,212.0	1,419,689.1	303.57	30.00	0.00	0	0		
									point167	167	682,177.7	1,419,732.2	303.63	30.00	0.00	0	0		
									point168	168	682,171.9	1,419,738.5	303.74	30.00	0.00	0	0		
									point169	169	682,160.4	1,419,729.0	303.73	30.00	0.00	0	0		
									point170	170	682,141.9	1,419,751.5	303.76	30.00	0.00	0	0		
									point171	171	682,132.7	1,419,762.2	303.40	30.00					
Barrier8	W	0.00	99.99	0.00				0.00	point387	387	680,530.4	1,418,920.9	305.00	40.00	0.00	0	0		
									point388	388	680,379.1	1,418,787.0	305.00	40.00	0.00	0	0		
									point392	392	680,451.2	1,418,689.1	305.00	40.00	0.00	0	0		
									point393	393	680,491.1	1,418,720.4	305.00	40.00	0.00	0	0		
									point394	394	680,558.1	1,418,656.8	305.00	40.00	0.00	0	0		
									point395	395	680,537.9	1,418,639.6	305.00	40.00	0.00	0	0		
									point389	389	680,587.9	1,418,589.0	305.00	40.00	0.00	0	0		
									point390	390	680,739.5	1,418,732.9	305.00	40.00	0.00	0	0		
									point391	391	680,545.8	1,418,913.5	305.00	40.00					
Barrier9	W	0.00	99.99	0.00				0.00	point396	396	680,394.1	1,419,731.1	301.73	25.00	0.00	0	0		
									point397	397	680,504.9	1,419,856.0	301.82	25.00	0.00	0	0		

									point398	398	680,488.9	1,419,875.4	301.99	25.00	0.00	0	0		
									point399	399	680,519.4	1,419,910.4	301.38	25.00	0.00	0	0		
									point400	400	680,528.4	1,419,921.1	301.37	25.00	0.00	0	0		
									point401	401	680,565.1	1,419,964.1	301.12	25.00	0.00	0	0		
									point402	402	680,584.4	1,419,947.6	301.31	25.00	0.00	0	0		
									point403	403	680,611.4	1,419,925.2	301.51	25.00	0.00	0	0		
									point404	404	680,629.1	1,419,909.5	301.52	25.00	0.00	0	0		
									point405	405	680,632.5	1,419,897.8	301.69	25.00	0.00	0	0		
									point406	406	680,626.6	1,419,867.5	301.79	25.00	0.00	0	0		
									point407	407	680,614.4	1,419,853.5	301.91	25.00	0.00	0	0		
									point408	408	680,654.6	1,419,821.2	301.59	25.00	0.00	0	0		
									point409	409	680,678.7	1,419,850.8	301.98	25.00	0.00	0	0		
									point410	410	680,710.3	1,419,816.6	301.31	25.00	0.00	0	0		
									point411	411	680,710.1	1,419,815.9	300.76	25.00	0.00	0	0		
									point412	412	680,692.9	1,419,797.1	300.63	25.00	0.00	0	0		
									point413	413	680,692.7	1,419,796.9	301.10	25.00	0.00	0	0		
									point414	414	680,679.1	1,419,782.4	301.79	25.00	0.00	0	0		
									point415	415	680,695.7	1,419,769.6	301.80	25.00	0.00	0	0		
									point416	416	680,710.7	1,419,782.4	301.36	25.00	0.00	0	0		
									point417	417	680,752.1	1,419,746.6	301.61	25.00	0.00	0	0		
									point418	418	680,681.1	1,419,663.2	301.44	25.00	0.00	0	0		
									point419	419	680,685.2	1,419,659.4	301.44	25.00	0.00	0	0		
									point420	420	680,655.4	1,419,623.5	301.53	25.00	0.00	0	0		
									point421	421	680,613.4	1,419,660.2	301.38	25.00	0.00	0	0		
									point422	422	680,576.3	1,419,617.4	301.50	25.00	0.00	0	0		
									point423	423	680,579.8	1,419,614.1	302.04	25.00	0.00	0	0		
									point424	424	680,605.2	1,419,581.6	300.37	25.00	0.00	0	0		
									point425	425	680,584.6	1,419,563.6	301.40	25.00	0.00	0	0		
									point426	426	680,570.9	1,419,579.8	301.59	25.00	0.00	0	0		
									point427	427	680,487.8	1,419,491.0	301.29	25.00	0.00	0	0		
									point428	428	680,484.5	1,419,493.9	301.29	25.00	0.00	0	0		
									point429	429	680,483.6	1,419,494.5	301.29	25.00	0.00	0	0		
									point430	430	680,465.9	1,419,474.0	300.77	25.00	0.00	0	0		
									point431	431	680,450.4	1,419,486.9	301.20	25.00	0.00	0	0		
									point432	432	680,418.6	1,419,448.6	300.95	25.00	0.00	0	0		
									point433	433	680,410.3	1,419,455.5	300.83	25.00	0.00	0	0		
									point434	434	680,393.8	1,419,436.5	300.41	25.00	0.00	0	0		
									point435	435	680,393.3	1,419,436.1	298.09	25.00	0.00	0	0		
									point436	436	680,377.8	1,419,441.8	298.60	25.00	0.00	0	0		
									point437	437	680,376.3	1,419,429.4	298.64	25.00	0.00	0	0		
									point438	438	680,366.0	1,419,416.6	298.48	25.00	0.00	0	0		
									point439	439	680,365.3	1,419,416.8	299.37	25.00	0.00	0	0		
									point440	440	680,352.4	1,419,407.0	299.96	25.00	0.00	0	0		
									point441	441	680,326.9	1,419,405.5	300.47	25.00	0.00	0	0		
									point448	448	680,317.3	1,419,434.8	300.91	25.00	0.00	0	0		
									point447	447	680,303.6	1,419,439.8	301.83	25.00	0.00	0	0		
									point446	446	680,268.8	1,419,466.4	299.39	25.00	0.00	0	0		
									point445	445	680,207.3	1,419,526.8	300.03	25.00	0.00	0	0		
									point444	444	680,252.5	1,419,578.1	301.05	25.00	0.00	0	0		

									point443	443	680,247.1	1,419,583.5	300.77	25.00	0.00	0	0		
									point442	442	680,394.1	1,419,731.1	301.73	25.00					
Barrier10	W	0.00	99.99	0.00				0.00	point490	490	680,229.1	1,418,704.6	305.29	25.00	0.00	0	0		
									point489	489	680,237.4	1,418,713.4	305.10	25.00	0.00	0	0		
									point488	488	680,256.6	1,418,694.0	304.96	25.00	0.00	0	0		
									point487	487	680,249.8	1,418,684.8	305.18	25.00	0.00	0	0		
									point449	449	680,254.8	1,418,680.2	305.19	25.00	0.00	0	0		
									point450	450	680,266.1	1,418,668.0	305.09	25.00	0.00	0	0		
									point451	451	680,241.0	1,418,642.4	305.09	25.00	0.00	0	0		
									point452	452	680,283.6	1,418,596.8	305.01	25.00	0.00	0	0		
									point453	453	680,309.9	1,418,621.9	305.04	25.00	0.00	0	0		
									point454	454	680,324.8	1,418,623.5	305.33	25.00	0.00	0	0		
									point455	455	680,341.9	1,418,600.6	305.23	25.00	0.00	0	0		
									point456	456	680,339.1	1,418,594.5	305.29	25.00	0.00	0	0		
									point457	457	680,353.3	1,418,579.8	305.16	25.00	0.00	0	0		
									point458	458	680,141.1	1,418,365.0	305.18	25.00	0.00	0	0		
									point459	459	680,147.9	1,418,351.6	305.02	25.00	0.00	0	0		
									point460	460	680,127.2	1,418,325.4	305.29	25.00	0.00	0	0		
									point461	461	680,152.3	1,418,299.8	305.30	25.00	0.00	0	0		
									point462	462	680,127.9	1,418,275.4	304.56	25.00	0.00	0	0		
									point463	463	680,105.5	1,418,306.4	304.73	25.00	0.00	0	0		
									point464	464	680,104.5	1,418,307.4	304.73	25.00	0.00	0	0		
									point465	465	680,077.3	1,418,280.5	304.76	25.00	0.00	0	0		
									point466	466	679,983.9	1,418,372.8	304.23	25.00	0.00	0	0		
									point467	467	679,985.1	1,418,374.6	304.88	25.00	0.00	0	0		
									point468	468	679,994.6	1,418,383.8	305.10	25.00	0.00	0	0		
									point469	469	679,990.9	1,418,389.4	305.10	25.00	0.00	0	0		
									point470	470	680,000.8	1,418,398.8	305.09	25.00	0.00	0	0		
									point471	471	679,992.3	1,418,413.5	304.99	25.00	0.00	0	0		
									point472	472	680,007.6	1,418,428.4	305.07	25.00	0.00	0	0		
									point473	473	680,022.8	1,418,413.2	305.43	25.00	0.00	0	0		
									point474	474	680,034.1	1,418,424.0	305.42	25.00	0.00	0	0		
									point475	475	680,028.5	1,418,431.6	304.89	25.00	0.00	0	0		
									point476	476	680,064.9	1,418,459.1	304.96	25.00	0.00	0	0		
									point477	477	680,107.7	1,418,421.6	305.22	25.00	0.00	0	0		
									point478	478	680,172.7	1,418,485.6	304.67	25.00	0.00	0	0		
									point479	479	680,128.9	1,418,530.4	304.75	25.00	0.00	0	0		
									point480	480	680,093.4	1,418,497.8	305.23	25.00	0.00	0	0		
									point481	481	680,081.6	1,418,496.0	304.87	25.00	0.00	0	0		
									point482	482	680,061.8	1,418,517.2	304.57	25.00	0.00	0	0		
									point483	483	680,052.1	1,418,540.9	304.64	25.00	0.00	0	0		
									point484	484	680,210.1	1,418,696.8	305.16	25.00	0.00	0	0		
									point485	485	680,222.6	1,418,711.4	305.27	25.00	0.00	0	0		
									point486	486	680,229.1	1,418,704.6	305.29	25.00					
Barrier11	W	0.00	99.99	0.00				0.00	point491	491	679,584.4	1,418,024.1	304.40	25.00	0.00	0	0		
									point492	492	679,623.0	1,417,962.4	304.10	25.00	0.00	0	0		
									point493	493	679,860.6	1,418,088.9	303.90	25.00	0.00	0	0		
									point494	494	679,828.2	1,418,150.6	304.00	25.00	0.00	0	0		
									point495	495	679,587.5	1,418,025.6	304.40	25.00					

Barrier12	W	0.00	99.99	0.00				0.00	point496	496	678,712.9	1,417,077.4	303.00	18.00	0.00	0	0		
									point497	497	678,778.4	1,416,991.9	303.00	18.00	0.00	0	0		
									point498	498	678,700.8	1,416,933.5	303.00	18.00	0.00	0	0		
									point499	499	678,631.0	1,417,018.2	303.00	18.00	0.00	0	0		
									point500	500	678,709.4	1,417,081.6	303.00	18.00					

CHA					27 February 2012	
EVN					TNM 2.5	
INPUT: BUILDING ROWS						
PROJECT/CONTRACT:	Interchange 3/4					
RUN:	Existing AM					
Building Row			Points			
Name	Average	Building	No.	Coordinates (ground)		
	Height	Percent		X	Y	Z
	ft	%		ft	ft	ft
Building1	15.00	60	1	676,579.2	1,417,788.4	294.85
			2	676,634.4	1,417,775.1	295.93
			3	676,698.1	1,417,809.6	296.65
			4	676,818.1	1,417,792.0	297.60
			5	676,775.9	1,417,683.1	298.00
			6	676,786.9	1,417,568.0	298.00
			7	676,887.5	1,417,513.4	298.65
			8	676,988.8	1,417,506.5	298.00
			9	677,088.6	1,417,587.1	299.01
			10	677,141.3	1,417,699.1	299.36
			11	677,011.0	1,417,796.4	296.96
			12	676,975.6	1,417,894.9	298.00
			13	676,889.9	1,417,941.5	297.27
			14	676,775.8	1,417,986.6	297.62
Building2	25.00	50	15	678,506.0	1,417,540.4	305.38
			16	678,483.1	1,417,536.8	305.77
			17	678,434.8	1,417,529.1	302.92
			18	678,395.4	1,417,522.9	302.78
			19	678,348.9	1,417,493.5	303.43
			20	678,294.1	1,417,456.2	304.63
			21	678,254.7	1,417,429.6	304.81
			22	678,182.9	1,417,380.9	304.47
			23	678,150.9	1,417,359.1	304.01
			24	678,088.3	1,417,316.8	302.15

			25	678,055.1	1,417,288.0	302.11
			26	678,039.1	1,417,271.6	302.05
			27	678,019.3	1,417,251.5	301.95
			28	677,996.8	1,417,228.4	301.90
			29	677,965.1	1,417,196.0	301.17
			30	677,899.5	1,417,129.0	300.76
			31	677,883.5	1,417,112.6	301.00
			32	677,845.4	1,417,073.8	300.70
			33	677,826.3	1,417,054.1	301.65
			34	677,800.1	1,417,027.4	300.89
			35	677,783.2	1,417,010.1	301.61
			36	677,755.8	1,416,982.1	302.01
			37	677,718.8	1,416,944.2	302.21
			38	677,698.2	1,416,923.2	301.70
			39	677,673.3	1,416,896.9	301.86
			40	677,653.1	1,416,875.4	302.36
			41	677,624.6	1,416,845.0	302.17
			42	677,603.9	1,416,823.0	302.20
			43	677,581.4	1,416,799.1	302.21
			44	677,558.8	1,416,775.1	302.55
			45	677,506.6	1,416,719.6	302.87
			46	677,475.8	1,416,686.9	301.91
			47	677,451.6	1,416,661.1	301.14
			48	677,416.1	1,416,623.4	301.75
			50	677,410.4	1,416,617.4	301.99
			51	677,410.2	1,416,617.1	302.29
			52	677,408.4	1,416,615.2	302.15
			53	677,407.4	1,416,614.1	302.32
			55	677,405.9	1,416,612.6	302.73
			56	677,405.8	1,416,612.4	303.42
			57	677,403.0	1,416,609.5	303.42
			58	677,349.6	1,416,551.8	301.87
			59	677,321.4	1,416,521.2	301.58
			60	677,254.1	1,416,448.1	302.21
			61	677,247.6	1,416,441.1	302.16
			62	677,232.6	1,416,424.9	302.36

			63	677,196.3	1,416,385.5	301.29
			64	677,177.0	1,416,364.6	300.95
			65	677,143.2	1,416,327.9	300.53
			66	677,089.1	1,416,269.2	300.75
			67	677,046.9	1,416,223.5	300.56
			68	677,021.7	1,416,196.1	300.53
Building3	20.00	75	69	678,318.0	1,417,087.9	303.54
			70	678,056.2	1,416,806.4	301.79
			71	677,780.9	1,416,518.5	303.67
Building4	20.00	75	72	678,075.1	1,416,158.1	304.06
			73	678,691.4	1,416,652.0	304.55
Building5	20.00	75	74	677,022.4	1,415,358.0	297.30
			75	677,960.0	1,415,899.8	304.00
Building6	15.00	60	76	685,129.8	1,422,568.2	309.51
			77	685,149.2	1,422,799.0	307.40
			78	685,190.3	1,423,287.9	305.18
Building7	15.00	60	79	685,046.6	1,423,292.6	305.45
			80	684,985.3	1,422,578.2	308.07
Building8	15.00	50	81	680,334.1	1,418,378.0	305.32
			82	680,392.3	1,418,407.4	305.26
			83	680,467.8	1,418,474.4	305.13
Building9	15.00	30	84	684,492.6	1,422,695.2	304.00
			85	684,371.8	1,422,404.4	305.00
			87	684,235.8	1,422,162.6	307.00
			88	683,922.3	1,421,709.2	311.00

CHA			27 February 2012	
EVN			TNM 2.5	
INPUT: TERRAIN LINES				
PROJECT/CONTRACT:	Interchange 3/4			
RUN:	Existing AM			
Terrain Line	Points			
Name	No.	Coordinates (ground)		
		X	Y	Z
		ft	ft	ft
Terrain Line447	5123	676,879.2	1,416,237.8	296.02
	5124	677,022.5	1,416,389.8	297.44
	5125	677,034.4	1,416,396.8	298.56
Terrain Line456	5188	677,258.9	1,418,568.0	289.01
	5189	677,324.9	1,418,542.6	290.52
	5190	677,645.3	1,418,314.8	297.26
	5191	677,690.3	1,418,282.8	293.78
	5192	677,944.3	1,418,102.0	295.66
	5193	677,974.3	1,418,080.8	298.30
	5194	678,015.7	1,418,051.2	295.84
	5195	678,094.3	1,417,995.4	297.95
Terrain Line529	5612	684,592.2	1,423,511.1	321.18
	5616	684,678.1	1,423,635.6	319.83
Terrain Line533	5647	684,662.5	1,423,497.2	320.67
	5648	684,854.2	1,423,757.9	317.62
Terrain Line546	5748	677,568.5	1,417,030.5	298.39
	5749	677,212.4	1,416,679.5	295.83
Terrain Line557	5784	680,065.7	1,418,747.4	299.32
	5785	679,699.1	1,418,511.2	300.82
	5786	679,646.4	1,418,477.8	302.50
	5787	679,209.7	1,418,202.9	298.13
	5788	679,176.4	1,418,181.9	296.62
	5789	679,115.3	1,418,143.5	297.29
	5790	679,016.8	1,418,081.5	295.61

	5791	678,968.3	1,418,051.0	297.57
	5792	678,842.1	1,417,971.5	298.47
	5793	678,711.2	1,417,889.1	297.40
	5794	678,617.1	1,417,829.9	301.62
Terrain Line558	5813	677,016.2	1,416,903.0	295.43
	5815	677,114.2	1,416,992.8	295.48
	5819	677,254.2	1,417,117.9	297.65
	5821	677,332.9	1,417,197.4	297.82
	5824	677,419.1	1,417,280.9	297.57
	5827	677,537.2	1,417,392.1	297.09
Terrain Line557-2-2-2	5845	679,003.5	1,417,299.0	302.77
	5799	679,072.6	1,417,424.8	305.56
	5800	679,232.2	1,417,715.1	300.38
	5801	679,338.3	1,417,833.5	300.74
	5803	679,452.8	1,417,958.6	301.91
	5804	679,506.0	1,418,016.9	299.01
	5805	679,598.1	1,418,127.5	304.00
	5806	679,577.9	1,418,191.4	308.00
	5807	679,668.1	1,418,222.4	301.77
	5808	679,700.7	1,418,183.6	302.00
	5809	679,862.8	1,418,276.1	300.41
	5810	679,890.6	1,418,351.2	300.48
	5811	680,039.8	1,418,627.2	299.51
	5812	680,057.5	1,418,687.5	299.68
Terrain Line564	5847	679,884.7	1,418,734.8	304.28
	5855	680,215.9	1,418,924.5	306.06
	5858	680,365.1	1,419,009.6	308.92
	5860	680,459.5	1,419,054.9	310.52
	5863	680,559.4	1,419,110.9	312.90
Terrain Line565	5864	679,896.2	1,418,718.1	299.52
	5878	680,570.1	1,419,086.1	299.40
Terrain Line566	5879	677,829.8	1,417,678.8	296.80
	5883	677,592.2	1,417,454.5	297.50

CHA				27 February 2012	
EVN				TNM 2.5	
INPUT: GROUND ZONES					
PROJECT/CONTRACT:	Interchange 3/4				
RUN:	Existing AM				
Ground Zone			Points		
Name	Type	Flow	No.	Coordinates	
		Resistivity		X	Y
		cgs rayls		ft	ft
Ground Zone6	Water	20000	29	682,184.1	1,418,950.5
			30	682,263.0	1,418,928.2
			31	682,268.0	1,418,886.4
			32	682,149.4	1,418,866.6
			33	682,129.8	1,418,911.0
Ground Zone7	Pavement	20000	36	680,753.6	1,420,114.9
			37	681,007.4	1,419,868.6
			38	680,682.6	1,419,592.1
			39	680,308.4	1,419,367.5
			40	680,130.1	1,419,528.9
			41	680,327.6	1,419,774.8
			42	680,186.4	1,419,893.4
			43	680,450.3	1,420,134.9
Ground Zone8	Pavement	20000	45	681,771.4	1,419,481.5
			46	681,960.2	1,419,279.5
			47	682,663.9	1,419,687.2
			48	682,359.1	1,419,987.1
Ground Zone9	Pavement	20000	51	681,182.6	1,418,985.2
			52	681,067.3	1,419,191.8
			53	680,853.4	1,419,089.9
			54	681,001.0	1,418,932.0
			55	680,834.5	1,418,831.6
			56	680,580.9	1,419,031.2

			57	680,095.9	1,418,748.4
			58	679,955.6	1,418,326.6
			59	679,922.6	1,418,273.4
			60	679,564.1	1,418,024.5
			61	679,114.8	1,417,433.8
			62	679,441.1	1,417,206.9
			63	679,327.2	1,416,952.4
			64	679,923.4	1,416,354.6
Ground Zone10	Pavement	20000	67	676,502.0	1,415,800.4
			68	677,185.6	1,415,078.4
			69	679,184.6	1,416,945.5
			70	678,378.0	1,417,648.5
Ground Zone11	Pavement	20000	71	684,308.9	1,423,409.6
			72	684,330.9	1,423,472.4
			73	684,393.6	1,423,484.9
			74	684,421.9	1,423,513.1
			75	684,475.2	1,423,500.6
			76	684,456.4	1,423,459.8
			77	684,512.9	1,423,453.5
			78	684,475.2	1,423,400.1
			79	684,415.6	1,423,412.8
			80	684,377.9	1,423,381.4
Ground Zone12	Pavement	20000	81	685,579.1	1,423,381.4
			82	685,535.1	1,423,437.9
			83	685,478.7	1,423,422.1
			84	685,469.2	1,423,390.8
			85	685,403.4	1,423,372.0
			86	685,393.9	1,423,312.4
			87	685,569.7	1,423,321.8
Ground Zone13	Pavement	20000	88	681,619.2	1,419,331.9
			89	681,583.0	1,419,376.5
			90	681,202.1	1,419,010.9
			91	681,162.5	1,419,073.8
			92	681,493.9	1,419,401.9
			93	681,451.9	1,419,471.2
			94	681,503.5	1,419,532.6

			95	681,594.2	1,419,453.1
			96	681,647.1	1,419,492.1
			97	681,670.9	1,419,465.8
			98	681,636.0	1,419,433.6
			99	681,659.7	1,419,394.6
Ground Zone14	Pavement	20000	100	681,217.6	1,419,887.0
			101	681,200.5	1,419,961.2
			102	681,029.5	1,419,846.8
			112	681,035.8	1,419,811.0
			103	680,509.8	1,419,382.5
			104	680,522.6	1,419,373.0
			105	681,087.1	1,419,824.0
			106	681,159.2	1,419,776.1
			107	681,226.4	1,419,843.4
Ground Zone17	Field	150	113	677,688.1	1,417,526.4
			114	677,558.4	1,418,043.0
			115	677,264.1	1,417,598.2
			116	676,733.6	1,417,165.0
			117	677,023.2	1,416,970.5
Ground Zone18	Field	150	119	683,375.7	1,421,404.2
			120	684,729.9	1,423,306.0
			121	684,785.8	1,423,273.6
			122	684,500.6	1,422,889.8
			123	684,346.8	1,422,651.0
			124	684,086.3	1,422,329.2
			125	683,424.8	1,421,370.8

Attachment IV. Existing Scenario Results

CHA							27 February 2012					
EVN							TNM 2.5					
							Calculated with TNM 2.5					
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Interchange 3/4										
RUN:		Existing AM										
BARRIER DESIGN:		INPUT HEIGHTS						Average pavement type shall be used unless				
								a State highway agency substantiates the use				
ATMOSPHERICS:		68 deg F, 50% RH						of a different type with approval of FHWA.				
Receiver												
Name	No.	#DUs	Existing	No Barrier					With Barrier			
			LAeq1h	LAeq1h		Increase over existing		Type	Calculated	Noise Reduction		
				Calculated	Crit'n	Calculated	Crit'n	Impact	LAeq1h	Calculated	Goal	Calculated
							Sub'l Inc					minus
												Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Receiver 4	1	1	74.2	71.1	71	-3.1	6	Snd Lvl	71.1	0.0	7	-7.0
Receiver 5	3	1	62.7	63.5	66	0.8	6	----	63.5	0.0	7	-7.0
Receiver 3	4	1	71.0	71.2	66	0.2	6	Snd Lvl	71.2	0.0	7	-7.0
Receiver 1	5	1	61.7	62.2	66	0.5	6	----	62.2	0.0	7	-7.0
Receiver 6	6	1	68.5	66.2	66	-2.3	6	Snd Lvl	66.2	0.0	7	-7.0
Receiver 2	7	1	65.4	66.0	71	0.6	6	----	66.0	0.0	7	-7.0
R6A	11	1	0.0	64.8	66	64.8	6	----	64.8	0.0	7	-7.0
R6B	12	1	0.0	62.7	66	62.7	6	----	62.7	0.0	7	-7.0
R6C	13	1	0.0	62.6	66	62.6	6	----	62.6	0.0	7	-7.0
R4A	14	1	0.0	51.6	71	51.6	6	----	51.6	0.0	7	-7.0
R4B	15	1	0.0	64.3	66	64.3	6	----	64.3	0.0	7	-7.0
R4C	16	1	0.0	61.8	71	61.8	6	----	61.8	0.0	7	-7.0
R2A	17	1	0.0	56.8	71	56.8	6	----	56.8	0.0	7	-7.0
R6D	19	3	0.0	63.2	66	63.2	6	----	63.2	0.0	7	-7.0
R6E	20	3	0.0	65.8	66	65.8	6	----	65.8	0.0	7	-7.0
R6F	21	3	0.0	59.5	66	59.5	6	----	59.5	0.0	7	-7.0
R6G	22	2	0.0	61.7	66	61.7	6	----	61.7	0.0	7	-7.0
R6H	23	2	0.0	61.3	66	61.3	6	----	61.3	0.0	7	-7.0
R6I	24	1	0.0	60.6	66	60.6	6	----	60.6	0.0	7	-7.0
R6J	26	3	0.0	61.6	66	61.6	6	----	61.6	0.0	7	-7.0
R6K	27	1	0.0	62.9	66	62.9	6	----	62.9	0.0	7	-7.0
R6L	28	2	0.0	64.2	66	64.2	6	----	64.2	0.0	7	-7.0
R6M	30	3	0.0	61.6	66	61.6	6	----	61.6	0.0	7	-7.0
R6N	31	2	0.0	59.7	66	59.7	6	----	59.7	0.0	7	-7.0

R6O	32	1	0.0	62.8	66	62.8	6	----	62.8	0.0	7	-7.0
R6P	33	2	0.0	61.4	66	61.4	6	----	61.4	0.0	7	-7.0
R6Q	34	2	0.0	63.7	66	63.7	6	----	63.7	0.0	7	-7.0
R6R	35	4	0.0	57.9	66	57.9	6	----	57.9	0.0	7	-7.0
R6S	36	4	0.0	58.9	66	58.9	6	----	58.9	0.0	7	-7.0
R6T	37	4	0.0	59.2	66	59.2	6	----	59.2	0.0	7	-7.0
R6U	38	2	0.0	57.4	66	57.4	6	----	57.4	0.0	7	-7.0
R3B	40	1	0.0	58.3	72	58.3	6	----	58.3	0.0	7	-7.0

Dwelling Units	**# DUs**	**Noise Reduction**		
		Min	**Avg**	**Max**
		dB	**dB**	**dB**
All Selected	58	0.0	0.0	0.0
All Impacted	3	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

CHA							27 February 2012					
EVN							TNM 2.5					
							Calculated with TNM 2.1					
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Interchange 3/4										
RUN:		Existing AM										
BARRIER DESIGN:		INPUT HEIGHTS						Average pavement type shall be used unless				
								a State highway agency substantiates the use				
ATMOSPHERICS:		68 deg F, 50% RH						of a different type with approval of FHWA.				
Receiver												
Name	No.	#DUs	Existing	No Barrier					With Barrier			
			LAeq1h	LAeq1h		Increase over existing		Type	Calculated	Noise Reduction		
				Calculated	Crit'n	Calculated	Crit'n	Impact	LAeq1h	Calculated	Goal	Calculated
							Sub'l Inc					minus
												Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Receiver 4	1	1	74.2	0.0	71	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 5	3	1	62.7	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 3	4	1	71.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 1	5	1	61.7	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 6	6	1	68.5	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 2	7	1	65.4	67.8	71	2.4	6	----	67.8	0.0	7	-7.0
R6A	11	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6B	12	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6C	13	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R4A	14	1	0.0	0.0	71	0.0	6	inactive	0.0	0.0	7	0.0
R4B	15	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R4C	16	1	0.0	0.0	71	0.0	6	inactive	0.0	0.0	7	0.0
R2A	17	1	0.0	0.0	71	0.0	6	inactive	0.0	0.0	7	0.0
R6D	19	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6E	20	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6F	21	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6G	22	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6H	23	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6I	24	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6J	25	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6K	26	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6L	27	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6M	28	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6N	30	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0

R6O	31	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6P	32	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6Q	33	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6R	34	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6S	35	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6T	36	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6U	37	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R3B	38	1	0.0	0.0	72	0.0	6	inactive	0.0	0.0	7	0.0

Dwelling Units		**# DUs**	**Noise Reduction**		
			Min	**Avg**	**Max**
			dB	**dB**	**dB**
All Selected		58	0.0	0.0	0.0
All Impacted		0	0.0	0.0	0.0
All that meet NR Goal		0	0.0	0.0	0.0

CHA							27 February 2012					
EVN							TNM 2.5					
							Calculated with TNM 2.5					
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Interchange 3/4										
RUN:		Existing PM										
BARRIER DESIGN:		INPUT HEIGHTS						Average pavement type shall be used unless				
								a State highway agency substantiates the use				
ATMOSPHERICS:		68 deg F, 50% RH						of a different type with approval of FHWA.				
Receiver												
Name	No.	#DUs	Existing	No Barrier					With Barrier			
			LAeq1h	LAeq1h		Increase over existing		Type	Calculated	Noise Reduction		
				Calculated	Crit'n	Calculated	Crit'n	Impact	LAeq1h	Calculated	Goal	Calculated
							Sub'l Inc					minus
												Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Receiver 4	1	1	74.2	0.0	71	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 5	3	1	62.7	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 3	4	1	71.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 1	5	1	61.7	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 6	6	1	68.5	68.5	66	0.0	6	Snd Lvl	68.5	0.0	7	-7.0
Receiver 2	7	1	65.4	0.0	71	0.0	6	inactive	0.0	0.0	7	0.0
R6A	11	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6B	12	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6C	13	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R4A	14	1	0.0	0.0	71	0.0	6	inactive	0.0	0.0	7	0.0
R4B	15	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R4C	16	1	0.0	0.0	71	0.0	6	inactive	0.0	0.0	7	0.0
R2A	17	1	0.0	0.0	71	0.0	6	inactive	0.0	0.0	7	0.0
R6D	19	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6E	20	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6F	21	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6G	22	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6H	23	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6I	24	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6J	25	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6K	26	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6L	27	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6M	29	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6N	30	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0

R6O	31	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6P	32	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6Q	33	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6R	34	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6S	35	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6T	36	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6U	37	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R3B	38	1	0.0	0.0	72	0.0	6	inactive	0.0	0.0	7	0.0

Dwelling Units		**# DUs**	**Noise Reduction**		
			Min	**Avg**	**Max**
			dB	**dB**	**dB**
All Selected		58	0.0	0.0	0.0
All Impacted		1	0.0	0.0	0.0
All that meet NR Goal		0	0.0	0.0	0.0

CHA							27 February 2012					
EVN							TNM 2.5					
							Calculated with TNM 2.1					
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Interchange 3/4										
RUN:		Existing PM										
BARRIER DESIGN:		INPUT HEIGHTS						Average pavement type shall be used unless				
								a State highway agency substantiates the use				
ATMOSPHERICS:		68 deg F, 50% RH						of a different type with approval of FHWA.				
Receiver												
Name	No.	#DUs	Existing	No Barrier					With Barrier			
			LAeq1h	LAeq1h		Increase over existing		Type	Calculated	Noise Reduction		
				Calculated	Crit'n	Calculated	Crit'n	Impact	LAeq1h	Calculated	Goal	Calculated
							Sub'l Inc					minus
												Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Receiver 4	1	1	74.2	0.0	71	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 5	3	1	62.7	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 3	4	1	71.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 1	5	1	61.7	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 6	6	1	68.5	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 2	7	1	65.4	68.0	71	2.6	6	----	68.0	0.0	7	-7.0
R6A	11	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6B	12	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6C	13	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R4A	14	1	0.0	0.0	71	0.0	6	inactive	0.0	0.0	7	0.0
R4B	15	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R4C	16	1	0.0	0.0	71	0.0	6	inactive	0.0	0.0	7	0.0
R2A	17	1	0.0	0.0	71	0.0	6	inactive	0.0	0.0	7	0.0
R6D	19	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6E	20	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6F	21	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6G	22	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6H	23	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6I	24	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6J	25	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6K	26	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6L	27	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6M	29	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6N	30	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0

R6O	31	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6P	32	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6Q	33	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6R	34	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6S	35	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6T	36	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6U	37	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R3B	38	1	0.0	0.0	72	0.0	6	inactive	0.0	0.0	7	0.0

Dwelling Units		**# DUs**	**Noise Reduction**		
			Min	**Avg**	**Max**
			dB	**dB**	**dB**
All Selected		58	0.0	0.0	0.0
All Impacted		0	0.0	0.0	0.0
All that meet NR Goal		0	0.0	0.0	0.0

Attachment V. Diamond Scenario Inputs

CHA 12 February 2013
EVN TNM 2.5

INPUT: ROADWAYS
PROJECT/CONTRACT: 9546
RUN: Diamond PM 3-4

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement) X	Y	Z	Flow Control Control Device	Speed Constraint	Percent Vehicles Affected	Segment Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Roadway10	60.0	point259	259	676,914.8	1,416,717.1	302.84				Average	
		point260	260	676,745.5	1,416,535.0	306.85				Average	
		point261	261	676,617.0	1,416,388.5	309.93				Average	
		point262	262	676,368.0	1,416,101.5	315.12				Average	
		point263	263	676,200.5	1,415,905.0	316.30				Average	
		point264	264	676,082.0	1,415,763.5	315.85					
Roadway12	55.0	point369	369	676,593.6	1,416,079.2	313.13				Average	
		point368	368	676,642.3	1,416,136.4	311.97				Average	
		point367	367	676,674.8	1,416,174.4	311.19				Average	
		point366	366	676,707.2	1,416,212.4	310.42				Average	
		point365	365	676,755.9	1,416,269.5	309.25				Average	
		point364	364	676,804.6	1,416,326.5	308.09				Average	
		point363	363	676,837.0	1,416,364.5	307.31				Average	
		point362	362	676,869.4	1,416,402.6	306.54				Average	
		point361	361	676,918.1	1,416,459.6	305.38				Average	
		point360	360	676,967.2	1,416,516.4	304.22				Average	
		point359	359	677,016.6	1,416,572.8	303.23				Average	
		point358	358	677,066.6	1,416,628.8	302.50				Average	
		point357	357	677,117.0	1,416,684.2	302.03				Average	
		point356	356	677,167.9	1,416,739.4	301.81				Average	
		point355	355	677,219.2	1,416,794.0	301.86				Average	
		point354	354	677,270.9	1,416,848.4	302.07				Average	
		point353	353	677,323.2	1,416,902.1	302.29				Average	
		point352	352	677,375.9	1,416,955.5	302.51				Average	
		point351	351	677,411.2	1,416,990.9	302.65				Average	

		point350	350	677,464.6	1,417,043.5	302.87					
Roadway13	55.0	point370	370	679,952.3	1,419,024.9	307.27				Average	
		point371	371	679,918.4	1,419,005.2	307.18				Average	
		point372	372	679,713.1	1,418,884.5	306.91				Average	
		point373	373	679,544.5	1,418,787.0	306.51				Average	
		point374	374	679,197.5	1,418,577.0	305.81				Average	
		point375	375	678,948.0	1,418,419.0	305.36				Average	
		point376	376	678,749.0	1,418,284.5	304.96				Average	
		point377	377	678,521.5	1,418,125.5	304.54				Average	
		point378	378	678,351.0	1,417,999.5	304.08				Average	
		point379	379	678,156.5	1,417,850.0	303.37				Average	
		point380	380	678,012.0	1,417,734.0	302.83				Average	
		point381	381	677,897.0	1,417,640.5	302.42				Average	
		point382	382	677,762.5	1,417,527.5	301.92				Average	
		point383	383	677,625.0	1,417,408.0	301.40				Average	
		point384	384	677,524.5	1,417,317.5	301.01				Average	
		point385	385	677,355.5	1,417,159.0	300.32				Average	
		point386	386	677,154.5	1,416,962.0	299.66				Average	
		point387	387	676,918.1	1,416,720.6	302.71					
Roadway14	18.0	point397	397	678,257.8	1,418,079.5	312.32	Onramp	0.00	100	Average	
		point396	396	678,128.2	1,417,934.0	305.00				Average	
		point395	395	678,064.6	1,417,852.5	303.65				Average	
		point394	394	677,926.0	1,417,700.2	302.81				Average	
		point393	393	677,734.7	1,417,535.2	302.35				Average	
		point392	392	677,536.0	1,417,361.9	301.62				Average	
		point391	391	677,259.4	1,417,099.8	300.47				Average	
		point390	390	677,120.6	1,416,965.1	300.22				Average	
		point389	389	677,006.3	1,416,828.5	301.05				Average	
		point388	388	676,907.6	1,416,726.1	302.99					
Roadway15	22.0	point414	414	677,466.0	1,417,011.9	302.40				Average	
		point411	411	677,517.2	1,417,061.9	302.60				Average	
		point409	409	677,553.3	1,417,096.5	302.75				Average	
		point406	406	677,607.7	1,417,148.1	302.97				Average	
		point403	403	677,662.6	1,417,199.2	303.18				Average	
		point400	400	677,717.8	1,417,250.0	303.40				Average	
		point399	399	677,795.6	1,417,318.0	303.47				Average	
		point398	398	677,990.7	1,417,456.2	305.50					
Roadway16	30.0	point415	415	677,991.2	1,417,459.0	306.59				Average	
		point417	417	678,058.6	1,417,504.4	307.84				Average	

		point419	419	678,099.9	1,417,532.5	309.80				Average	
		point421	421	678,141.3	1,417,560.6	312.16				Average	
		point424	424	678,210.4	1,417,607.9	316.32				Average	
		point427	427	678,271.4	1,417,657.1	320.34				Average	
		point429	429	678,316.1	1,417,693.4	323.28				Average	
		point431	431	678,356.3	1,417,724.2	325.86				Average	
		point432	432	678,380.2	1,417,741.8	327.35				Average	
		point434	434	678,422.3	1,417,769.4	329.37				Average	
		point436	436	678,475.2	1,417,797.5	330.49				Average	
		point437	437	678,502.8	1,417,809.1	330.53					
Roadway17	30.0	point443	443	678,504.4	1,417,811.0	330.57	Signal	0.00	50	Average	
		point442	442	678,566.2	1,417,833.1	329.32				Average	
		point441	441	678,577.3	1,417,840.9	328.99				Average	
		point440	440	678,608.9	1,417,872.4	328.43				Average	
		point439	439	678,623.4	1,417,900.9	328.40				Average	Y
		point438	438	678,614.0	1,418,052.5	329.20					
Roadway18	16.0	point444	444	677,993.2	1,417,458.1	305.49				Average	
		point447	447	678,055.8	1,417,497.6	307.54				Average	
		point449	449	678,106.6	1,417,529.2	309.83				Average	
		point450	450	678,132.1	1,417,544.9	311.18				Average	
		point454	454	678,219.8	1,417,600.9	316.28				Average	
		point457	457	678,284.4	1,417,647.6	320.28				Average	
		point459	459	678,329.8	1,417,680.5	323.10				Average	
		point462	462	678,393.0	1,417,724.1	326.61				Average	
		point464	464	678,441.9	1,417,755.8	328.46				Average	
		point467	467	678,492.8	1,417,782.1	329.35				Average	
		point468	468	678,516.9	1,417,792.2	329.51					
Roadway19	15.0	point472	472	678,516.9	1,417,792.2	329.51	Stop	0.00	20	Average	
		point471	471	678,563.2	1,417,771.1	329.19				Average	
		point470	470	678,598.2	1,417,690.2	327.02				Average	
		point469	469	678,613.2	1,417,639.1	325.94					
Roadway20	15.0	point473	473	678,577.4	1,418,274.5	328.56	Signal	0.00	70	Average	
		point474	474	678,562.1	1,418,287.4	328.25				Average	
		point475	475	678,548.6	1,418,298.6	327.95				Average	
		point476	476	678,520.7	1,418,307.1	327.16				Average	
		point477	477	678,483.1	1,418,290.0	326.48				Average	
		point478	478	678,418.4	1,418,246.4	323.80				Average	
		point479	479	678,371.8	1,418,204.2	320.76				Average	
		point480	480	678,259.8	1,418,078.5	312.39					

Roadway21	15.0	point481	481	678,602.4	1,418,052.6	329.43				Average	Y
		point482	482	678,585.6	1,418,142.2	329.54				Average	Y
		point483	483	678,577.4	1,418,274.5	328.56					
Roadway22	18.0	point487	487	678,458.6	1,418,327.5	326.13	Onramp	0.00	100	Average	
		point486	486	678,406.8	1,418,245.2	323.20				Average	
		point485	485	678,316.6	1,418,152.5	316.90				Average	
		point484	484	678,255.4	1,418,083.6	312.30					
Roadway23	15.0	point495	495	678,665.9	1,418,952.0	311.95				Average	
		point494	494	678,619.8	1,418,882.1	315.09				Average	
		point493	493	678,575.8	1,418,795.2	317.98				Average	
		point492	492	678,541.2	1,418,687.9	321.23				Average	
		point491	491	678,526.1	1,418,598.5	323.80				Average	
		point490	490	678,515.0	1,418,517.4	326.08				Average	
		point489	489	678,502.8	1,418,427.8	326.34				Average	
		point488	488	678,459.0	1,418,328.0	326.13					
Roadway24	15.0	point499	499	678,571.2	1,418,117.0	329.45				Average	Y
		point498	498	678,579.7	1,418,070.8	329.62				Average	Y
		point497	497	678,587.6	1,417,963.9	329.39				Average	Y
		point496	496	678,590.5	1,417,902.0	329.04					
Roadway25	15.0	point506	506	678,590.1	1,417,899.1	329.02	Signal	0.00	70	Average	
		point505	505	678,608.9	1,417,872.4	328.43				Average	
		point504	504	678,626.6	1,417,870.0	328.02				Average	
		point503	503	678,664.2	1,417,886.1	327.23				Average	
		point502	502	678,887.2	1,418,079.8	313.56				Average	
		point501	501	679,007.1	1,418,183.0	307.62				Average	
		point500	500	679,020.7	1,418,195.8	307.20					
Roadway27	30.0	point511	511	678,614.4	1,418,057.5	329.00				Average	Y
		point510	510	678,610.9	1,418,115.1	329.15				Average	Y
		point509	509	678,601.3	1,418,275.5	328.08					
429	30.0	point512	512	678,656.9	1,417,671.6	324.24				Average	
		point513	513	678,633.8	1,417,777.5	326.28					
Roadway29	15.0	point516	516	678,671.9	1,417,670.8	323.55				Average	
		point515	515	678,662.4	1,417,731.9	324.59				Average	
		point514	514	678,663.4	1,417,763.4	324.23					
Roadway30	15.0	point525	525	678,663.4	1,417,767.0	324.18	Onramp	0.00	100	Average	
		point524	524	678,664.6	1,417,804.9	323.75				Average	
		point523	523	678,717.1	1,417,912.1	325.10				Average	
		point522	522	678,770.1	1,417,958.5	321.64				Average	
		point521	521	678,826.5	1,418,007.9	317.90				Average	

		point520	520	678,879.2	1,418,053.9	314.41				Average	
		point519	519	678,934.6	1,418,102.5	310.94				Average	
		point518	518	678,985.7	1,418,157.4	308.41				Average	
		point517	517	679,021.6	1,418,192.8	307.26					
Roadway31	30.0	point531	531	679,143.8	1,417,191.6	304.37				Average	
		point530	530	678,997.8	1,417,262.1	308.21				Average	
		point529	529	678,873.9	1,417,344.9	312.73				Average	
		point528	528	678,782.3	1,417,436.0	316.71				Average	
		point527	527	678,709.9	1,417,541.8	320.61				Average	
		point526	526	678,656.9	1,417,670.8	324.80					
Roadway32	30.0	point535	535	678,571.9	1,417,898.0	329.24	Signal	0.00	30	Average	
		point534	534	678,577.3	1,417,840.9	328.99				Average	
		point533	533	678,590.9	1,417,737.1	327.73				Average	
		point532	532	678,622.4	1,417,637.2	325.51					
Roadway33	30.0	point536	536	678,559.1	1,418,111.6	329.21				Average	Y
		point537	537	678,571.9	1,417,899.1	329.25					
Roadway34	15.0	point542	542	678,653.0	1,418,364.4	324.92	Signal	0.00	50	Average	
		point541	541	678,600.4	1,418,337.6	327.23				Average	
		point540	540	678,562.1	1,418,287.4	328.25				Average	
		point539	539	678,551.7	1,418,256.4	328.34				Average	Y
		point538	538	678,560.6	1,418,114.1	329.24					
Roadway35	18.0	point553	553	679,947.2	1,419,037.9	307.22				Average	
		point552	552	679,765.6	1,418,943.0	306.71				Average	
		point551	551	679,489.0	1,418,783.6	306.31				Average	
		point550	550	679,334.1	1,418,695.1	306.54				Average	
		point549	549	679,252.9	1,418,647.4	306.38				Average	
		point548	548	679,197.6	1,418,620.0	306.26				Average	
		point547	547	679,081.1	1,418,569.5	306.20				Average	
		point546	546	678,989.4	1,418,524.0	307.98				Average	
		point545	545	678,798.0	1,418,432.2	316.93				Average	
		point544	544	678,693.2	1,418,382.6	322.73				Average	
		point543	543	678,653.9	1,418,364.5	324.88					
Roadway36	18.0	point564	564	679,947.2	1,419,038.5	307.21				Average	
		point563	563	679,765.4	1,418,943.6	306.69				Average	
		point562	562	679,488.9	1,418,784.2	306.30				Average	
		point561	561	679,334.1	1,418,695.6	306.53				Average	
		point560	560	679,252.8	1,418,648.0	306.37				Average	
		point559	559	679,197.6	1,418,620.6	306.25				Average	
		point558	558	679,080.9	1,418,570.1	306.19				Average	

		point557	557	678,998.4	1,418,546.5	307.21				Average	
		point556	556	678,807.6	1,418,455.5	315.66				Average	
		point555	555	678,676.6	1,418,393.5	322.90				Average	
		point554	554	678,650.4	1,418,390.5	323.87					
Roadway37	15.0	point568	568	678,649.2	1,418,390.5	323.87	Stop	0.00	20	Average	
		point567	567	678,602.2	1,418,446.0	325.18				Average	
		point566	566	678,592.6	1,418,535.4	322.55				Average	
		point565	565	678,590.3	1,418,620.1	320.50					
Roadway38	30.0	point572	572	678,540.5	1,418,418.2	326.67	Signal	0.00	50	Average	
		point571	571	678,548.6	1,418,298.6	327.95				Average	
		point570	570	678,553.5	1,418,208.9	328.74				Average	Y
		point569	569	678,558.8	1,418,112.6	329.23					
Roadway39	30.0	point577	577	678,679.6	1,418,939.6	311.66				Average	
		point576	576	678,640.1	1,418,884.5	314.08				Average	
		point575	575	678,575.2	1,418,738.4	318.79				Average	
		point574	574	678,541.3	1,418,593.1	323.27				Average	
		point573	573	678,540.4	1,418,421.0	326.65					
Roadway40	30.0	point582	582	678,623.1	1,417,635.6	325.47				Average	
		point581	581	678,706.2	1,417,481.1	320.53				Average	
		point580	580	678,839.2	1,417,332.2	314.57				Average	
		point579	579	678,979.8	1,417,240.0	309.41				Average	
		point578	578	679,033.2	1,417,207.6	307.45					
Roadway41	30.0	point595	595	678,590.3	1,418,620.1	320.50				Average	
		point594	594	678,608.2	1,418,713.8	317.66				Average	
		point593	593	678,646.7	1,418,822.0	314.24				Average	
		point592	592	678,687.8	1,418,899.5	311.79				Average	
		point591	591	678,781.9	1,419,018.6	307.59				Average	
		point590	590	678,934.0	1,419,143.2	303.57				Average	
		point589	589	679,185.2	1,419,345.5	301.01				Average	
		point588	588	679,430.8	1,419,552.2	299.66				Average	
		point587	587	679,588.2	1,419,704.4	298.55				Average	
		point586	586	679,702.9	1,419,819.6	297.74				Average	
		point585	585	679,797.8	1,419,926.6	297.02				Average	
		point584	584	679,911.2	1,420,047.4	296.22				Average	
		point583	583	680,051.5	1,420,199.4	295.19					
Roadway42	30.0	point609	609	680,190.9	1,420,390.0	295.00				Average	
		point608	608	680,084.6	1,420,279.2	294.63				Average	
		point607	607	679,946.2	1,420,126.9	295.55				Average	
		point606	606	679,846.0	1,420,018.2	296.29				Average	

		point605	605	679,750.2	1,419,917.0	297.23				Average	
		point604	604	679,677.9	1,419,835.4	297.76				Average	
		point603	603	679,573.0	1,419,726.5	298.62				Average	
		point602	602	679,476.4	1,419,637.6	299.30				Average	
		point601	601	679,372.6	1,419,537.4	300.08				Average	
		point600	600	679,223.1	1,419,411.5	300.82				Average	
		point599	599	679,066.5	1,419,285.8	301.77				Average	
		point598	598	678,917.3	1,419,163.9	303.63				Average	
		point597	597	678,815.9	1,419,083.0	305.60				Average	
		point596	596	678,680.6	1,418,941.1	311.60					
Roadway43	30.0	point610	610	680,051.7	1,420,201.0	295.19				Average	
		point611	611	680,208.5	1,420,371.0	294.02				Average	
		point612	612	680,294.4	1,420,464.2	294.18					
Roadway44	15.0	point615	615	680,070.1	1,420,198.2	295.00				Average	
		point614	614	680,173.8	1,420,305.6	296.90				Average	
		point613	613	680,319.9	1,420,464.2	297.00					
Roadway45	30.0	point619	619	680,423.8	1,420,499.9	297.60	Signal	0.00	70	Average	
		point1237	1237	680,382.7	1,420,510.6	297.50				Average	
		point618	618	680,329.8	1,420,503.6	297.20				Average	
		point617	617	680,256.8	1,420,463.5	296.50				Average	
		point616	616	680,195.6	1,420,392.9	295.00					
Roadway46	15.0	point624	624	680,276.1	1,420,577.6	296.50	Stop	0.00	20	Average	
		point623	623	680,284.3	1,420,562.9	296.50				Average	
		point622	622	680,266.9	1,420,488.1	297.00				Average	
		point621	621	680,259.8	1,420,471.6	296.80				Average	
		point620	620	680,198.9	1,420,400.5	295.00					
Roadway47	15.0	point628	628	680,676.7	1,420,275.2	298.50				Average	
		point627	627	680,585.4	1,420,364.0	298.00				Average	
		point626	626	680,515.1	1,420,413.6	297.80				Average	
		point625	625	680,426.6	1,420,496.4	297.60					
Roadway48	15.0	point633	633	680,321.4	1,420,468.6	297.00	Stop	0.00	20	Average	
		point1238	1238	680,382.2	1,420,490.6	297.40				Average	
		point630	630	680,434.4	1,420,458.4	297.50				Average	
		point629	629	680,504.7	1,420,389.4	297.60					
Roadway49	15.0	point634	634	679,877.9	1,420,950.8	292.44				Average	
		point635	635	679,993.2	1,420,839.2	292.76				Average	
		point636	636	680,061.4	1,420,774.9	293.25				Average	
		point637	637	680,151.5	1,420,692.6	293.78				Average	
		point638	638	680,272.9	1,420,581.8	294.97					

Roadway51	30.0	point649	649	680,295.4	1,420,594.4	296.50	Signal	0.00	60	Average	
		point1160	1160	680,328.4	1,420,563.5	296.90				Average	
		point648	648	680,351.3	1,420,541.9	297.20				Average	
		point1162	1162	680,382.7	1,420,510.6	297.50				Average	
		point1163	1163	680,444.0	1,420,456.9	296.41				Average	
		point647	647	680,490.4	1,420,413.6	296.69				Average	
		point646	646	680,509.8	1,420,396.4	296.78					
Roadway53	30.0	point661	661	680,297.3	1,420,466.4	297.00	Signal	0.00	70	Average	
		point660	660	680,329.8	1,420,503.6	297.20				Average	
		point1248	1248	680,328.4	1,420,563.5	296.90				Average	
		point658	658	680,315.6	1,420,620.0	296.50				Average	
		point657	657	680,220.4	1,420,700.5	296.20				Average	
		point656	656	680,199.6	1,420,718.2	295.80					
Roadway54	35.0	point665	665	680,436.8	1,420,510.5	297.60	Signal	0.00	60	Average	
		point664	664	680,326.4	1,420,612.2	296.50				Average	
		point663	663	680,235.9	1,420,693.1	296.20				Average	
		point662	662	680,198.8	1,420,721.4	295.80					
Roadway55	30.0	point669	669	680,681.8	1,420,281.2	298.50				Average	
		point668	668	680,610.9	1,420,351.0	298.00				Average	
		point667	667	680,492.0	1,420,461.8	297.80				Average	
		point666	666	680,438.3	1,420,510.5	297.60					
Roadway59	12.0	point697	697	681,161.7	1,419,831.2	301.63	Signal	0.00	50	Average	
		point696	696	681,140.6	1,419,850.6	301.41				Average	
		point695	695	681,121.0	1,419,869.0	301.19				Average	
		point694	694	681,072.5	1,419,913.5	301.16				Average	
		point693	693	680,965.5	1,420,012.0	300.47				Average	
		point692	692	680,862.0	1,420,105.5	299.86				Average	
		point691	691	680,701.5	1,420,252.5	298.74				Average	
		point690	690	680,680.5	1,420,271.5	298.60					
Roadway60	12.0	point698	698	680,728.7	1,420,193.2	299.08				Average	
		point699	699	680,875.3	1,420,049.0	299.90				Average	
		point700	700	681,051.5	1,419,888.9	301.11					
Roadway61	15.0	point711	711	681,996.4	1,421,084.1	301.71				Average	
		point710	710	681,946.4	1,420,896.8	300.54				Average	
		point709	709	681,896.0	1,420,701.0	300.40				Average	
		point708	708	681,865.2	1,420,567.1	301.95				Average	
		point707	707	681,792.0	1,420,435.5	302.97				Average	
		point706	706	681,730.5	1,420,355.0	303.46				Average	
		point705	705	681,645.5	1,420,286.5	302.79				Average	

		point704	704	681,498.5	1,420,185.0	301.55				Average	
		point703	703	681,417.5	1,420,122.0	301.29				Average	
		point702	702	681,268.0	1,419,997.5	300.21				Average	
		point701	701	681,150.5	1,419,902.0	300.49					
Roadway64	30.0	point727	727	681,343.0	1,419,664.0	303.69				Average	Y
		point728	728	681,161.9	1,419,831.0	301.63					
Roadway65	30.0	point729	729	681,225.6	1,419,730.1	302.77				Average	Y
		point730	730	681,247.1	1,419,710.0	303.00				Average	Y
		point731	731	681,394.8	1,419,572.4	304.66				Average	
		point732	732	681,395.1	1,419,572.1	304.67					
Roadway66	30.0	point734	734	681,397.0	1,419,570.2	304.70				Average	
		point733	733	681,506.9	1,419,469.4	306.22					
Roadway67	15.0	point735	735	681,395.1	1,419,554.9	304.51				Average	
		point736	736	681,475.4	1,419,481.4	305.51				Average	
		point737	737	681,503.2	1,419,436.2	305.92				Average	
		point738	738	681,500.9	1,419,397.4	306.09				Average	
		point739	739	681,216.8	1,419,106.2	303.54					
Roadway68	30.0	point757	757	681,508.9	1,419,469.0	306.28	Signal	0.00	50	Average	
		point756	756	681,549.6	1,419,430.9	306.91				Average	
		point755	755	681,567.9	1,419,411.0	307.17				Average	
		point754	754	681,599.6	1,419,377.4	307.45				Average	
		point753	753	681,690.5	1,419,268.9	307.13				Average	
		point752	752	681,796.4	1,419,138.2	305.81				Average	
		point751	751	681,870.9	1,419,046.5	304.89				Average	
		point750	750	681,937.4	1,418,962.4	304.00				Average	
		point749	749	681,998.5	1,418,893.0	303.57				Average	
		point748	748	682,083.2	1,418,793.4	303.84				Average	
		point747	747	682,124.5	1,418,743.0	304.68				Average	
		point746	746	682,173.5	1,418,679.5	305.04				Average	
		point745	745	682,276.0	1,418,541.0	305.58				Average	
		point744	744	682,356.0	1,418,420.0	306.11				Average	
		point743	743	682,455.5	1,418,260.5	306.98				Average	
		point742	742	682,502.0	1,418,182.0	307.35				Average	
		point741	741	682,541.0	1,418,118.0	307.90				Average	
		point740	740	682,592.5	1,418,030.0	308.64					
Roadway69	30.0	point766	766	682,616.0	1,418,012.0	308.88				Average	
		point765	765	682,438.0	1,418,311.0	306.96				Average	
		point764	764	682,347.5	1,418,454.5	306.31				Average	
		point763	763	682,273.5	1,418,565.0	305.73				Average	

		point762	762	682,157.0	1,418,732.5	305.23				Average	
		point761	761	682,071.5	1,418,844.0	304.03				Average	
		point760	760	681,921.0	1,419,036.5	304.66				Average	
		point759	759	681,900.5	1,419,062.5	304.85				Average	
		point758	758	681,838.2	1,419,140.4	305.62					
Roadway70	30.0	point771	771	681,835.9	1,419,143.4	305.66				Average	
		point770	770	681,821.0	1,419,162.0	305.86				Average	
		point769	769	681,752.0	1,419,247.0	306.82				Average	
		point768	768	681,669.0	1,419,347.0	307.52				Average	
		point767	767	681,623.5	1,419,398.5	307.54					
Roadway71	15.0	point772	772	681,829.0	1,419,144.5	305.80				Average	
		point773	773	681,765.0	1,419,210.0	306.56				Average	
		point774	774	681,721.0	1,419,258.0	307.21				Average	
		point775	775	681,671.5	1,419,317.5	307.74				Average	
		point776	776	681,614.0	1,419,384.0	307.77					
Roadway72	30.0	point781	781	681,623.5	1,419,398.5	307.54	Signal	0.00	50	Average	
		point780	780	681,592.6	1,419,432.5	307.05				Average	
		point779	779	681,573.1	1,419,453.6	306.94				Average	
		point778	778	681,525.7	1,419,495.0	306.25				Average	Y
		point777	777	681,344.5	1,419,662.5	303.70					
Roadway73	15.0	point786	786	681,614.0	1,419,384.0	307.77	Signal	0.00	70	Average	
		point785	785	681,567.9	1,419,411.0	307.17				Average	
		point784	784	681,559.6	1,419,409.1	306.85				Average	
		point783	783	681,524.2	1,419,401.8	306.52				Average	
		point782	782	681,225.5	1,419,108.5	303.64					
Roadway74	30.0	point791	791	681,555.1	1,419,383.8	306.74	Signal	0.00	80	Average	
		point790	790	681,559.6	1,419,409.1	306.85				Average	
		point789	789	681,549.6	1,419,430.9	306.91				Average	
		point788	788	681,525.5	1,419,491.5	306.35				Average	Y
		point787	787	681,344.0	1,419,662.0	303.71					
Roadway75	30.0	point796	796	681,231.8	1,419,069.1	303.67				Average	
		point795	795	681,253.8	1,419,086.8	303.69				Average	
		point794	794	681,286.5	1,419,120.1	303.91				Average	
		point793	793	681,360.8	1,419,192.0	304.72				Average	
		point792	792	681,552.3	1,419,380.0	306.72					
Roadway76	15.0	point797	797	681,233.3	1,419,068.5	303.33				Average	
		point798	798	681,280.2	1,419,086.2	303.38				Average	
		point799	799	681,565.5	1,419,368.8	306.62					
Roadway77	30.0	point800	800	681,218.9	1,419,101.2	303.49				Average	

		point801	801	681,189.6	1,419,075.1	303.25				Average	
		point802	802	681,010.6	1,418,902.9	301.82				Average	
		point803	803	680,647.2	1,418,546.2	303.52				Average	
		point804	804	680,437.7	1,418,340.9	304.59				Average	
		point805	805	680,285.1	1,418,191.5	305.41				Average	
		point806	806	680,150.4	1,418,059.1	305.74				Average	
		point807	807	680,005.3	1,417,913.2	305.16				Average	
		point808	808	679,849.4	1,417,732.6	304.19				Average	
		point809	809	679,721.5	1,417,560.6	303.76				Average	
		point810	810	679,625.9	1,417,431.1	304.26					
Roadway78	30.0	point811	811	679,657.2	1,417,406.6	304.03				Average	
		point812	812	679,714.1	1,417,484.0	303.76				Average	
		point813	813	679,848.6	1,417,665.9	303.82				Average	
		point814	814	679,949.8	1,417,791.6	304.61				Average	
		point815	815	680,061.4	1,417,914.0	305.13				Average	
		point816	816	680,256.1	1,418,106.8	305.27				Average	
		point817	817	680,524.6	1,418,370.6	304.38				Average	
		point818	818	680,758.0	1,418,599.6	303.29				Average	
		point819	819	680,962.0	1,418,801.4	302.24				Average	
		point820	820	681,231.2	1,419,065.2	303.31					
Roadway79	15.0	point828	828	679,612.8	1,417,426.1	303.91				Average	
		point827	827	679,554.8	1,417,347.1	304.26				Average	
		point826	826	679,488.3	1,417,278.1	304.34				Average	
		point825	825	679,392.8	1,417,150.5	304.87				Average	
		point824	824	679,372.5	1,417,125.6	304.96					
Roadway80	24.0	point829	829	679,623.7	1,417,428.2	304.26				Average	
		point830	830	679,609.1	1,417,409.6	304.10				Average	
		point831	831	679,409.4	1,417,139.1	305.27					
Roadway81	15.0	point835	835	679,623.5	1,417,420.5	304.14				Average	
		point834	834	679,528.4	1,417,290.2	304.72				Average	
		point833	833	679,500.2	1,417,238.0	305.09				Average	
		point832	832	679,422.4	1,417,129.1	305.60					
Roadway83	30.0	point844	844	679,469.2	1,417,000.6	305.66	Signal	0.00	70	Average	
		point843	843	679,408.1	1,417,051.8	305.30				Average	
		point842	842	679,367.8	1,417,082.6	305.52				Average	
		point841	841	679,305.8	1,417,113.5	304.39				Average	
		point840	840	679,189.8	1,417,170.6	303.73				Average	
		point839	839	679,144.8	1,417,191.5	304.51					
Roadway84	15.0	point847	847	679,038.6	1,417,216.4	307.23				Average	

		point846	846	679,231.5	1,417,124.4	303.91				Average	
		point845	845	679,295.1	1,417,092.4	304.48					
Roadway85	15.0	point857	857	679,295.2	1,417,092.4	304.49	Signal	0.00	70	Average	
		point1241	1241	679,327.9	1,417,080.1	306.20				Average	
		point855	855	679,367.8	1,417,082.6	305.52				Average	
		point1242	1242	679,407.6	1,417,085.1	305.60				Average	
		point853	853	679,442.8	1,417,109.5	305.19				Average	
		point852	852	679,497.1	1,417,180.0	304.84				Average	
		point851	851	679,566.6	1,417,283.5	304.52				Average	
		point850	850	679,588.0	1,417,313.4	304.40				Average	
		point849	849	679,654.1	1,417,403.6	304.04					
Roadway86	15.0	point858	858	679,035.7	1,417,205.9	307.34				Average	
		point859	859	679,118.9	1,417,165.8	304.68				Average	
		point860	860	679,202.2	1,417,125.9	303.70				Average	
		point861	861	679,289.3	1,417,083.0	304.51					
Roadway87	15.0	point864	864	679,029.6	1,417,195.6	307.60				Average	
		point863	863	679,272.4	1,417,078.1	304.40				Average	
		point862	862	679,282.4	1,417,071.2	304.56					
Roadway88	15.0	point868	868	679,282.6	1,417,071.1	304.56	Stop	0.00	20	Average	
		point867	867	679,303.1	1,417,020.2	305.51				Average	
		point866	866	679,281.1	1,416,977.0	305.75				Average	
		point865	865	679,217.6	1,416,891.9	305.59					
Roadway89	24.0	point869	869	677,401.9	1,415,205.2	299.77				Average	
		point870	870	678,218.0	1,415,901.6	302.95				Average	
		point871	871	678,581.7	1,416,213.2	305.12				Average	
		point872	872	678,807.5	1,416,409.0	304.35				Average	
		point874	874	678,958.4	1,416,539.5	303.92					
Roadway90	30.0	point880	880	678,958.4	1,416,547.9	304.35				Average	
		point879	879	679,077.4	1,416,661.4	305.51				Average	
		point878	878	679,162.8	1,416,761.0	306.22				Average	
		point877	877	679,182.8	1,416,792.9	306.24				Average	
		point876	876	679,286.2	1,416,925.4	306.48				Average	
		point875	875	679,314.3	1,416,964.5	306.31					
Roadway91	30.0	point881	881	678,960.0	1,416,541.4	303.92				Average	
		point882	882	679,035.0	1,416,612.2	304.46				Average	
		point883	883	679,113.7	1,416,693.2	305.07				Average	
		point884	884	679,223.1	1,416,805.9	305.76				Average	
		point885	885	679,313.2	1,416,920.1	306.24				Average	
		point886	886	679,334.1	1,416,949.4	306.08					

Roadway92	15.0	point891	891	678,967.0	1,416,538.6	304.67				Average	
		point890	890	679,125.9	1,416,692.4	306.25				Average	
		point889	889	679,225.2	1,416,792.8	307.19				Average	
		point888	888	679,251.7	1,416,811.5	307.50				Average	
		point887	887	679,349.8	1,416,940.5	306.50					
Roadway94	30.0	point899	899	679,409.1	1,417,138.6	305.30	Signal	0.00	60	Average	
		point900	900	679,377.3	1,417,095.6	305.46				Average	
		point901	901	679,367.8	1,417,082.6	305.52				Average	
		point902	902	679,343.1	1,417,049.1	305.26				Average	
		point903	903	679,227.4	1,416,892.1	306.13					
Roadway97	15.0	point912	912	679,351.7	1,416,944.1	306.42	Stop	0.00	20	Average	
		point911	911	679,409.2	1,416,978.8	305.17				Average	
		point910	910	679,472.6	1,416,961.0	304.67					
Roadway100	55.0	point946	946	681,473.1	1,419,907.8	319.11				Average	
		point947	947	681,292.5	1,419,801.0	320.61				Average	
		point948	948	681,139.2	1,419,713.4	321.14				Average	
		point949	949	680,851.9	1,419,548.8	319.26				Average	
		point950	950	680,654.1	1,419,430.0	315.43				Average	
		point951	951	680,320.5	1,419,235.5	308.88				Average	
		point952	952	680,072.4	1,419,094.6	307.59				Average	
		point953	953	679,954.4	1,419,026.1	307.28					
Roadway101	65.0	point963	963	683,243.5	1,421,594.2	309.07				Average	
		point962	962	683,136.0	1,421,446.8	308.16				Average	
		point961	961	683,006.5	1,421,273.8	307.45				Average	
		point960	960	682,855.7	1,421,089.2	306.70				Average	
		point959	959	682,707.4	1,420,920.5	306.10				Average	
		point958	958	682,471.8	1,420,679.4	305.07				Average	
		point957	957	682,212.2	1,420,443.4	305.92				Average	
		point956	956	681,921.9	1,420,212.5	311.19				Average	
		point955	955	681,736.8	1,420,078.5	314.63				Average	
		point954	954	681,475.4	1,419,908.4	319.12					
Roadway102	60.0	point972	972	684,734.6	1,423,641.5	320.49				Average	
		point971	971	684,633.5	1,423,502.8	321.19				Average	Y
		point970	970	684,515.8	1,423,339.0	321.20				Average	
		point969	969	684,276.5	1,423,009.8	318.07				Average	
		point968	968	684,072.9	1,422,732.2	314.73				Average	
		point967	967	683,903.5	1,422,498.4	312.76				Average	
		point966	966	683,690.6	1,422,206.0	311.77				Average	
		point965	965	683,315.4	1,421,692.9	309.68				Average	

		point964	964	683,246.2	1,421,598.0	309.09					
Roadway103	18.0	point979	979	684,120.9	1,422,892.5	313.15	Onramp	0.00	100	Average	
		point978	978	684,101.8	1,422,849.9	314.34				Average	
		point977	977	684,066.6	1,422,779.9	314.24				Average	
		point976	976	683,944.4	1,422,597.2	313.00				Average	
		point975	975	683,583.1	1,422,103.1	301.47				Average	
		point974	974	683,334.7	1,421,759.1	301.47				Average	
		point973	973	683,235.8	1,421,604.0	301.47					
Roadway104	55.0	point980	980	683,208.8	1,421,244.8	309.64				Average	
		point981	981	683,423.8	1,421,542.1	310.51				Average	
		point982	982	683,468.0	1,421,603.9	310.73				Average	
		point983	983	683,658.4	1,421,869.8	311.64				Average	
		point984	984	683,886.8	1,422,186.8	312.81					
Roadway105	55.0	point985	985	683,886.8	1,422,186.8	312.81				Average	
		point986	986	683,995.1	1,422,337.9	313.42				Average	
		point987	987	684,139.9	1,422,533.6	314.04				Average	
		point988	988	684,300.8	1,422,762.5	315.44				Average	
		point989	989	684,443.3	1,422,962.2	317.68				Average	
		point990	990	684,571.1	1,423,136.5	319.80				Average	
		point991	991	684,706.8	1,423,326.1	321.40				Average	Y
		point992	992	684,838.4	1,423,508.5	321.49				Average	
		point993	993	684,992.4	1,423,724.2	319.06					
Roadway106	36.0	point998	998	684,447.8	1,423,429.8	302.12	Onramp	0.00	100	Average	
		point997	997	684,435.8	1,423,430.4	302.20				Average	
		point996	996	684,387.8	1,423,426.1	301.83				Average	
		point995	995	684,328.7	1,423,352.0	300.26				Average	
		point994	994	684,123.0	1,422,893.6	313.09					
Roadway107	15.0	point1002	1002	684,275.6	1,423,435.2	301.47	Onramp	0.00	100	Average	
		point1001	1001	684,308.5	1,423,410.0	298.29				Average	
		point1000	1000	684,327.9	1,423,353.8	300.24				Average	
		point999	999	684,121.8	1,422,894.5	313.09					
Roadway108	30.0	point1003	1003	684,275.6	1,423,436.6	301.47	Signal	0.00	60	Average	
		point1004	1004	684,358.8	1,423,428.5	301.73				Average	
		point1005	1005	684,387.8	1,423,426.1	301.83				Average	
		point1006	1006	684,440.9	1,423,421.8	302.03					
Roadway109	30.0	point1010	1010	684,447.1	1,423,441.8	302.10	Signal	0.00	60	Average	
		point1009	1009	684,428.9	1,423,443.4	302.07				Average	
		point1008	1008	684,364.9	1,423,448.4	301.70				Average	
		point1007	1007	684,281.8	1,423,455.1	301.50					

Roadway110	30.0	point1015	1015	684,937.9	1,423,403.5	303.25				Average	
		point1014	1014	684,927.2	1,423,404.4	303.25				Average	
		point1013	1013	684,700.4	1,423,422.2	302.67				Average	
		point1012	1012	684,475.1	1,423,439.2	302.19				Average	
		point1011	1011	684,449.2	1,423,441.6	302.12					
Roadway111	15.0	point1022	1022	684,444.8	1,423,492.1	302.17				Average	
		point1021	1021	684,426.6	1,423,447.6	302.05				Average	
		point1020	1020	684,428.9	1,423,443.4	302.07				Average	
		point1019	1019	684,435.8	1,423,430.4	302.20				Average	
		point1018	1018	684,526.8	1,423,419.1	302.40				Average	
		point1017	1017	684,593.9	1,423,415.0	302.60				Average	
		point1016	1016	684,671.8	1,423,403.4	302.57					
Roadway112	30.0	point1031	1031	685,384.9	1,424,555.6	302.52				Average	
		point1030	1030	685,242.9	1,424,377.1	306.33				Average	
		point1029	1029	685,204.5	1,424,326.8	307.45				Average	
		point1028	1028	685,132.8	1,424,227.2	309.52				Average	
		point1027	1027	684,913.2	1,423,997.8	311.21				Average	
		point1026	1026	684,847.5	1,423,927.9	310.12				Average	
		point1025	1025	684,579.3	1,423,650.6	304.93				Average	
		point1024	1024	684,479.3	1,423,539.0	303.03				Average	
		point1023	1023	684,406.0	1,423,462.9	301.83					
Roadway113	30.0	point1032	1032	684,444.0	1,423,421.5	302.04				Average	
		point1033	1033	684,488.9	1,423,417.9	302.20				Average	
		point1034	1034	684,672.1	1,423,402.8	302.55					
Roadway115	15.0	point1041	1041	684,937.0	1,423,391.5	303.25				Average	
		point1040	1040	684,926.2	1,423,392.5	303.25				Average	
		point1039	1039	684,699.4	1,423,410.4	302.67				Average	
		point1038	1038	684,474.1	1,423,427.4	302.19				Average	
		point1037	1037	684,448.2	1,423,429.6	302.12					
Roadway117	15.0	point1050	1050	685,423.4	1,423,348.8	304.33	Onramp	0.00	100	Average	
		point1049	1049	685,445.0	1,423,350.0	303.92				Average	
		point1048	1048	685,502.9	1,423,359.6	304.03				Average	
		point1047	1047	685,515.3	1,423,398.4	303.45				Average	
		point1046	1046	685,545.3	1,423,778.6	302.16					
Roadway118	30.0	point1055	1055	685,550.6	1,423,355.8	304.01				Average	
		point1054	1054	685,502.9	1,423,359.6	304.03				Average	
		point1053	1053	685,427.4	1,423,365.9	304.04				Average	
		point1052	1052	685,206.9	1,423,383.6	303.70				Average	
		point1051	1051	684,938.8	1,423,403.5	303.27					

Roadway119	15.0	point1058	1058	685,551.8	1,423,361.9	303.81	Onramp	0.00	100	Average	
		point1057	1057	685,517.6	1,423,395.2	303.44				Average	
		point1056	1056	685,546.8	1,423,778.2	302.14					
Roadway120	30.0	point1063	1063	678,601.3	1,418,275.5	328.08	Signal	0.00	50	Average	
		point1062	1062	678,600.4	1,418,337.6	327.23				Average	
		point1061	1061	678,592.2	1,418,425.2	325.81				Average	
		point1060	1060	678,585.3	1,418,538.1	322.78				Average	
		point1059	1059	678,590.3	1,418,620.1	320.50					
Roadway121	30.0	point1067	1067	678,633.5	1,417,778.4	326.30	Signal	0.00	50	Average	
		point1066	1066	678,626.6	1,417,870.0	328.02				Average	
		point1065	1065	678,621.9	1,417,932.8	328.66				Average	Y
		point1064	1064	678,614.7	1,418,053.4	328.98					
Roadway93	30.0	point892	892	679,224.3	1,416,888.1	306.13				Average	
		point893	893	679,067.3	1,416,703.8	304.85				Average	
		point894	894	678,945.6	1,416,578.9	304.00				Average	
		point895	895	678,797.1	1,416,448.6	304.09				Average	
		point896	896	678,597.4	1,416,278.0	304.84				Average	
		point897	897	678,254.9	1,415,984.9	303.34				Average	
		point906	906	678,062.0	1,415,826.5	301.20				Average	
		point904	904	677,704.0	1,415,520.9	299.86				Average	
		point905	905	677,055.5	1,414,960.5	299.12					
Roadway124	15.0	point1068	1068	681,058.0	1,419,892.5	301.40	Signal	0.00	70	Average	
		point1069	1069	681,121.0	1,419,869.0	301.19				Average	
		point1070	1070	681,151.8	1,419,870.6	301.04				Average	
		point1071	1071	681,173.4	1,419,876.2	300.70				Average	
		point1072	1072	681,301.7	1,419,986.9	300.50				Average	
		point1073	1073	681,495.7	1,420,147.4	301.60				Average	
		point1074	1074	681,626.7	1,420,256.4	302.60				Average	
		point1075	1075	681,735.9	1,420,350.5	303.70				Average	
		point1076	1076	681,797.7	1,420,426.4	303.40				Average	
		point1077	1077	681,845.2	1,420,511.4	302.50				Average	
		point1078	1078	681,875.7	1,420,585.4	301.90				Average	
		point1079	1079	682,118.6	1,421,527.6	300.10					
Roadway126	15.0	point1087	1087	681,160.0	1,419,885.2	300.77	Signal	0.00	70	Average	
		point1086	1086	681,151.8	1,419,870.6	301.04				Average	
		point1085	1085	681,140.6	1,419,850.6	301.41				Average	
		point1084	1084	681,136.5	1,419,824.4	301.88				Average	
		point1083	1083	681,167.1	1,419,789.5	302.18				Average	Y
		point1082	1082	681,227.4	1,419,734.5	302.81					

Roadway127	15.0	point1088	1088	680,732.9	1,420,197.5	299.32				Average	
		point1089	1089	680,879.4	1,420,053.2	300.14				Average	
		point1090	1090	681,055.5	1,419,893.4	301.35					
Roadway128	18.0	point1091	1091	685,486.8	1,423,385.4	303.71				Average	
		point1092	1092	685,515.3	1,423,676.9	302.75				Average	
		point1093	1093	685,478.9	1,423,787.2	303.75				Average	
		point1094	1094	685,425.2	1,423,845.4	305.04				Average	
		point1095	1095	685,374.8	1,423,877.0	306.93				Average	
		point1096	1096	685,304.2	1,423,898.6	309.19				Average	
		point1097	1097	685,219.4	1,423,895.4	312.12				Average	
		point1098	1098	685,118.6	1,423,840.5	315.56				Average	
		point1099	1099	685,061.1	1,423,773.8	317.61				Average	
		point1100	1100	685,000.1	1,423,697.9	318.96					
Roadway129	15.0	point1101	1101	679,585.2	1,416,865.6	305.27				Average	
		point1102	1102	679,545.3	1,416,902.8	305.23				Average	
		point1103	1103	679,518.4	1,416,932.4	305.06				Average	
		point1104	1104	679,504.7	1,416,947.1	305.01				Average	
		point1105	1105	679,490.6	1,416,961.8	304.99				Average	
		point1106	1106	679,461.4	1,416,989.9	305.04				Average	
		point1107	1107	679,446.2	1,417,003.5	305.15				Average	
		point1108	1108	679,438.6	1,417,010.1	305.22					
Roadway130	15.0	point1124	1124	679,289.3	1,417,083.0	304.51	Signal	0.00	70	Average	
		point1123	1123	679,343.1	1,417,049.1	305.26				Average	
		point1122	1122	679,384.4	1,417,019.1	305.18				Average	
		point1121	1121	679,395.8	1,417,010.9	305.15				Average	
		point1120	1120	679,435.1	1,416,986.5	304.34				Average	
		point1119	1119	679,472.7	1,416,961.2	304.67					
Roadway131	30.0	point1125	1125	679,334.6	1,416,950.4	306.42	Signal	0.00	60	Average	
		point1126	1126	679,374.2	1,417,005.0	305.82				Average	
		point1127	1127	679,384.4	1,417,019.1	305.18				Average	
		point1128	1128	679,408.1	1,417,051.8	305.30				Average	
		point1129	1129	679,444.4	1,417,101.9	305.09				Average	
		point1130	1130	679,579.2	1,417,300.8	304.45				Average	
		point1131	1131	679,655.2	1,417,404.0	304.04					
Roadway132	30.0	point1136	1136	679,314.4	1,416,964.8	306.31	Signal	0.00	70	Average	
		point1135	1135	679,324.1	1,416,991.1	306.22				Average	
		point1134	1134	679,343.1	1,417,049.1	305.26				Average	
		point1239	1239	679,327.9	1,417,080.1	306.20				Average	
		point1133	1133	679,305.2	1,417,112.5	304.39				Average	

		point1132	1132	679,144.5	1,417,191.0	304.51					
Roadway133	15.0	point1140	1140	679,724.5	1,416,723.5	305.27				Average	
		point1139	1139	679,558.9	1,416,905.0	305.27				Average	
		point1138	1138	679,509.5	1,416,958.9	305.42				Average	
		point1137	1137	679,469.4	1,417,000.6	305.56					
Roadway134	30.0	point1141	1141	681,053.8	1,419,886.9	301.10	Signal	0.00	50	Average	
		point1142	1142	681,095.5	1,419,849.5	301.28				Average	
		point1143	1143	681,116.4	1,419,830.9	301.49				Average	
		point1144	1144	681,143.1	1,419,807.0	301.79				Average	Y
		point1145	1145	681,225.0	1,419,730.6	302.76					
Roadway135	15.0	point1149	1149	681,566.6	1,419,369.5	306.48	Stop	0.00	50	Average	
		point1148	1148	681,579.8	1,419,368.6	306.81				Average	
		point1147	1147	681,612.9	1,419,356.2	307.50				Average	
		point1146	1146	681,785.2	1,419,143.6	305.88					
Roadway136	15.0	point1150	1150	681,169.0	1,419,837.2	301.39				Average	
		point1151	1151	681,173.5	1,419,875.5	300.66				Average	
		point1152	1152	681,303.0	1,419,985.5	300.48				Average	
		point1153	1153	681,497.0	1,420,146.0	301.57				Average	
		point1154	1154	681,627.4	1,420,253.5	302.62				Average	
		point1155	1155	681,736.9	1,420,349.8	303.69				Average	
		point1156	1156	681,798.2	1,420,425.8	303.41				Average	
		point1157	1157	681,845.7	1,420,508.8	302.53				Average	
		point1158	1158	681,876.4	1,420,584.6	301.85				Average	
		point1159	1159	682,119.0	1,421,526.5	300.07					
Roadway57	30.0	point682	682	680,196.9	1,420,721.5	295.80				Average	
		point681	681	679,897.9	1,420,990.9	294.50				Average	
		point680	680	679,773.7	1,421,067.5	294.49				Average	
		point679	679	679,614.2	1,421,139.8	293.55				Average	
		point678	678	679,592.9	1,421,148.0	293.45				Average	
		point677	677	679,573.8	1,421,153.1	293.21				Average	
		point676	676	679,319.2	1,421,222.6	291.04				Average	
		point675	675	679,089.8	1,421,291.6	289.04				Average	
		point1182	1182	679,002.9	1,421,330.6	288.54				Average	
		point1167	1167	678,867.4	1,421,407.1	287.67				Average	
		point1168	1168	678,740.9	1,421,505.8	286.52				Average	
		point1169	1169	678,652.6	1,421,593.0	285.35				Average	
		point1170	1170	678,580.4	1,421,681.6	284.23				Average	
		point1171	1171	678,524.4	1,421,767.8	283.19				Average	
		point1172	1172	678,447.0	1,421,919.0	283.16				Average	

		point1173	1173	678,380.1	1,422,107.9	284.77					
Roadway12-2	55.0	point1183	1183	677,464.6	1,417,043.5	302.87				Average	
		point349	349	677,518.4	1,417,095.8	303.09				Average	
		point348	348	677,572.7	1,417,147.5	303.31				Average	
		point347	347	677,627.4	1,417,198.9	303.52				Average	
		point346	346	677,682.5	1,417,249.8	303.74				Average	
		point345	345	677,719.5	1,417,283.4	303.89				Average	
		point344	344	677,775.3	1,417,333.5	304.10				Average	
		point343	343	677,831.6	1,417,383.1	304.32				Average	
		point342	342	677,888.2	1,417,432.2	304.54				Average	
		point341	341	677,926.1	1,417,464.8	304.68				Average	
		point340	340	677,983.4	1,417,513.2	304.90				Average	
		point339	339	678,041.2	1,417,561.1	305.12				Average	
		point338	338	678,099.2	1,417,608.5	305.34				Average	
		point337	337	678,157.8	1,417,655.5	305.55				Average	
		point336	336	678,216.6	1,417,701.9	305.77				Average	
		point335	335	678,275.9	1,417,747.9	305.99				Average	
		point334	334	678,335.6	1,417,793.4	306.21				Average	
		point333	333	678,395.6	1,417,838.4	306.42				Average	
		point332	332	678,455.9	1,417,882.8	306.62				Average	
		point331	331	678,516.7	1,417,926.8	306.76				Average	
		point330	330	678,577.8	1,417,970.2	306.83				Average	
		point329	329	678,639.3	1,418,013.2	306.84				Average	
		point328	328	678,701.1	1,418,055.6	306.79				Average	
		point327	327	678,763.3	1,418,097.6	306.69				Average	
		point326	326	678,825.8	1,418,139.0	306.58				Average	
		point325	340	678,888.7	1,418,179.9	306.46				Average	
		point324	324	678,951.9	1,418,220.2	306.35				Average	
		point323	323	679,015.4	1,418,260.1	306.24				Average	
		point322	322	679,058.0	1,418,286.4	306.16				Average	
		point321	321	679,122.1	1,418,325.4	306.05				Average	
		point320	320	679,186.4	1,418,363.9	305.94				Average	
		point319	319	679,244.4	1,418,397.9	305.84				Average	
		point318	318	679,294.4	1,418,426.9	305.75				Average	
		point317	317	679,359.2	1,418,464.5	305.64				Average	
		point316	316	679,402.5	1,418,489.6	305.56				Average	
		point315	315	679,445.8	1,418,514.8	305.49				Average	
		point314	314	679,495.8	1,418,543.9	305.40				Average	
		point313	313	679,553.8	1,418,577.5	305.30				Average	

		point312	312	679,618.7	1,418,615.2	305.19				Average	
		point311	311	679,661.9	1,418,640.4	305.11				Average	
		point310	310	679,748.4	1,418,690.5	304.96				Average	
		point309	309	679,813.2	1,418,728.2	304.85				Average	
		point308	308	679,856.5	1,418,753.4	304.84				Average	
		point306	306	679,986.2	1,418,828.6	305.31				Average	
		point304	304	680,115.9	1,418,904.0	306.52				Average	
		point303	303	680,180.8	1,418,941.6	307.41				Average	
		point301	301	680,310.4	1,419,017.0	309.74				Average	
		point300	300	680,396.9	1,419,067.2	311.68				Average	
		point299	299	680,418.6	1,419,079.8	312.18					
Roadway143	15.0	point1184	1184	684,849.3	1,423,373.5	302.71				Average	
		point1185	1185	684,816.4	1,423,276.8	303.39				Average	
		point1186	1186	684,733.4	1,423,165.5	303.52				Average	
		point1187	1187	684,604.1	1,423,000.1	304.05				Average	
		point1188	1188	684,541.2	1,422,916.8	304.76				Average	
		point1189	1189	684,523.7	1,422,844.9	304.91				Average	
		point1190	1190	684,541.2	1,422,771.8	305.02				Average	
		point1191	1191	684,587.9	1,422,710.4	305.13				Average	
		point1192	1192	684,761.3	1,422,554.8	305.62				Average	
		point1193	1193	684,956.8	1,422,376.0	308.18				Average	
		point1194	1194	685,139.9	1,422,208.4	313.27					
Roadway144	15.0	point1195	1195	685,181.6	1,422,187.5	314.13				Average	
		point1196	1196	684,840.2	1,422,496.5	306.28				Average	
		point1197	1197	684,607.8	1,422,707.0	304.90				Average	
		point1198	1198	684,562.5	1,422,758.6	304.69				Average	
		point1199	1199	684,538.4	1,422,814.5	304.42				Average	
		point1200	1200	684,539.1	1,422,873.4	304.52				Average	
		point1201	1201	684,562.1	1,422,923.8	304.21				Average	
		point1202	1202	684,632.7	1,423,015.1	303.95				Average	
		point1203	1203	684,760.5	1,423,182.1	303.55				Average	
		point1204	1204	684,833.2	1,423,280.5	303.38				Average	
		point1205	1205	684,885.4	1,423,367.2	302.82					
Roadway145	15.0	point1206	1206	681,156.5	1,419,909.8	300.50	Stop	0.00	20	Average	
		point1207	1207	681,110.4	1,419,907.2	300.80				Average	
		point1208	1208	681,058.4	1,419,944.0	300.20				Average	
		point1209	1209	681,003.9	1,419,992.2	300.00				Average	
		point1210	1210	680,946.8	1,420,048.6	299.60				Average	
		point1211	1211	680,879.6	1,420,105.4	299.30				Average	

		point1212	1212	680,840.8	1,420,135.4	299.10				Average	
		point1213	1213	680,785.1	1,420,188.1	298.90				Average	
		point1214	1214	680,724.4	1,420,249.1	298.50				Average	
		point1215	1215	680,689.8	1,420,279.2	298.30					
Roadway146	15.0	point1216	1216	682,112.2	1,421,526.2	300.10				Average	
		point1217	1217	681,866.5	1,420,566.6	301.90				Average	
		point1218	1218	681,837.2	1,420,512.5	302.50				Average	
		point1219	1219	681,792.9	1,420,435.1	303.40				Average	
		point1220	1220	681,731.2	1,420,354.9	303.70				Average	
		point1221	1221	681,646.4	1,420,284.9	302.60				Average	
		point1222	1222	681,487.2	1,420,152.9	301.60				Average	
		point1223	1223	681,295.4	1,420,003.0	300.50				Average	
		point1224	1224	681,164.5	1,419,894.2	300.70					
Roadway129-2	15.0	point1225	1225	679,438.6	1,417,010.1	305.22	Signal	0.00	70	Average	
		point1231	1231	679,417.2	1,417,010.5	305.20				Average	
		point1109	1109	679,395.8	1,417,010.9	305.15				Average	
		point1110	1110	679,374.2	1,417,005.0	305.82				Average	
		point1111	1111	679,353.8	1,416,999.6	305.96				Average	
		point1112	1112	679,324.1	1,416,991.1	306.22				Average	
		point1113	1113	679,297.9	1,416,978.8	305.99				Average	
		point1114	1114	679,282.8	1,416,966.6	305.91				Average	
		point1115	1115	679,266.8	1,416,945.2	305.93				Average	
		point1116	1116	679,227.7	1,416,891.9	305.81					
Roadway148	15.0	point1226	1226	679,420.7	1,417,126.5	305.50	Signal	0.00	70	Average	
		point1240	1240	679,407.6	1,417,085.1	305.60				Average	
		point1227	1227	679,408.1	1,417,051.8	305.30				Average	
		point1228	1228	679,417.2	1,417,010.5	305.20				Average	
		point1229	1229	679,471.4	1,416,962.6	304.70					
Roadway79-2	15.0	point1232	1232	679,372.5	1,417,125.6	304.96	Stop	0.00	20	Average	
		point823	823	679,307.6	1,417,116.1	304.39				Average	
		point822	822	679,212.7	1,417,167.2	303.59				Average	
		point821	821	679,145.9	1,417,195.0	304.51					
Roadway130-2	15.0	point1236	1236	679,472.9	1,416,960.9	304.67				Average	
		point1118	1118	679,552.0	1,416,872.6	304.86				Average	
		point1117	1117	679,702.4	1,416,704.5	305.16					
Roadway99	15.0	point945	945	679,024.8	1,418,195.9	307.16	Onramp	0.00	100	Average	
		point944	944	679,036.9	1,418,207.9	306.77				Average	
		point943	943	679,089.6	1,418,254.0	305.88				Average	
		point942	942	679,145.1	1,418,302.0	305.55				Average	

		point941	941	679,201.5	1,418,343.2	305.45				Average	
		point939	939	679,222.4	1,418,358.5	305.49				Average	
		point938	938	679,278.4	1,418,391.2	305.40				Average	
		point937	937	679,334.5	1,418,423.8	305.30				Average	
		point936	936	679,376.1	1,418,448.0	305.23				Average	
		point935	935	679,419.3	1,418,473.0	305.15				Average	
		point934	934	679,462.6	1,418,498.1	305.08				Average	
		point933	933	679,512.6	1,418,527.2	304.99				Average	
		point932	932	679,570.6	1,418,561.0	304.89				Average	
		point931	931	679,635.5	1,418,598.6	304.78				Average	
		point930	930	679,678.8	1,418,623.8	304.70				Average	
		point929	929	679,721.9	1,418,648.9	304.63				Average	
		point928	928	679,765.2	1,418,674.0	304.55				Average	
		point927	927	679,830.1	1,418,711.6	304.44				Average	
		point926	926	679,873.3	1,418,736.8	304.43				Average	
		point924	924	679,959.8	1,418,787.0	304.66				Average	
		point923	923	680,003.0	1,418,812.1	304.90				Average	
		point921	921	680,089.4	1,418,862.2	305.63				Average	
		point920	920	680,132.7	1,418,887.4	306.11				Average	
		point918	918	680,240.8	1,418,950.2	307.69				Average	
		point917	917	680,284.0	1,418,975.4	308.47				Average	
		point915	915	680,370.5	1,419,025.5	310.27				Average	
		point913	913	680,435.4	1,419,063.2	311.77					
Roadway114	30.0	point1036	1036	684,672.6	1,423,402.6	302.55				Average	
		point1042	1042	684,829.1	1,423,389.6	302.92				Average	
		point1043	1043	685,064.8	1,423,372.8	303.61				Average	
		point1044	1044	685,259.7	1,423,356.8	303.96				Average	
		point1045	1045	685,423.2	1,423,344.1	304.26					
Roadway12-2-2	55.0	point1243	1243	680,418.6	1,419,079.8	312.18				Average	
		point298	298	680,610.5	1,419,192.5	316.49				Average	
		point297	297	680,846.5	1,419,328.5	321.40				Average	
		point296	296	681,057.0	1,419,451.5	323.68				Average	
		point295	295	681,288.1	1,419,584.1	323.99				Average	
		point294	294	681,433.8	1,419,668.8	323.06				Average	
		point293	293	681,680.5	1,419,818.5	319.52				Average	
		point292	292	681,776.0	1,419,879.5	317.52				Average	
		point291	291	681,886.0	1,419,955.5	315.10				Average	
		point290	290	682,096.5	1,420,109.5	310.34				Average	
		point289	289	682,343.0	1,420,312.0	306.40				Average	

		point288	288	682,621.0	1,420,567.0	306.86				Average	
		point287	287	682,814.0	1,420,767.0	307.67				Average	
		point286	286	683,021.0	1,421,003.0	308.72				Average	
		point285	285	683,208.5	1,421,244.0	309.64					
Roadway52-2	30.0	point1244	1244	680,511.9	1,420,398.0	297.72				Average	
		point652	652	680,560.1	1,420,354.0	297.98				Average	
		point651	651	680,607.9	1,420,308.2	298.36				Average	
		point650	650	680,727.5	1,420,193.5	299.06					
Roadway50-2	35.0	point1247	1247	679,894.0	1,420,959.5	294.26				Average	
		point643	643	679,969.0	1,420,896.5	294.68				Average	
		point644	644	680,058.2	1,420,815.8	295.20				Average	
		point645	645	680,291.8	1,420,597.0	296.50					
Roadway58	30.0	point1174	1174	678,341.6	1,422,102.0	284.46				Average	
		point1175	1175	678,369.9	1,422,030.4	284.43				Average	
		point1176	1176	678,420.5	1,421,899.2	283.96				Average	
		point1177	1177	678,490.0	1,421,764.4	284.28				Average	
		point1178	1178	678,597.6	1,421,616.9	285.70				Average	
		point1179	1179	678,709.0	1,421,501.2	287.17				Average	
		point1180	1180	678,824.4	1,421,408.2	288.25				Average	
		point1181	1181	678,905.5	1,421,355.6	288.64				Average	
		point684	684	678,985.0	1,421,312.0	289.32				Average	
		point685	685	679,107.0	1,421,261.5	289.99				Average	
		point686	686	679,256.0	1,421,218.5	290.99				Average	
		point687	687	679,406.5	1,421,178.0	291.81				Average	
		point688	688	679,529.0	1,421,144.0	292.44				Average	
		point639	639	679,590.0	1,421,120.9	292.76				Average	
		point640	640	679,678.0	1,421,087.5	293.22				Average	
		point641	641	679,793.0	1,421,025.5	293.56				Average	
		point642	642	679,894.0	1,420,959.5	294.26					

CHA 9 March 2012
EVN TNM 2.5

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: 9546
RUN: Diamond AM

Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Roadway10	point259	259	5194	57	53	57	53	57	0	0	0	0
	point260	260	5194	57	53	57	53	57	0	0	0	0
	point261	261	5194	57	53	57	53	57	0	0	0	0
	point262	262	5194	57	53	57	53	57	0	0	0	0
	point263	263	5194	57	53	57	53	57	0	0	0	0
	point264	264										
Roadway12	point369	369	3576	59	37	59	37	59	0	0	0	0
	point368	368	3576	59	37	59	37	59	0	0	0	0
	point367	367	3576	59	37	59	37	59	0	0	0	0
	point366	366	3576	59	37	59	37	59	0	0	0	0
	point365	365	3576	59	37	59	37	59	0	0	0	0
	point364	364	3576	59	37	59	37	59	0	0	0	0
	point363	363	3576	59	37	59	37	59	0	0	0	0
	point362	362	3576	59	37	59	37	59	0	0	0	0
	point361	361	3576	59	37	59	37	59	0	0	0	0
	point360	360	3576	59	37	59	37	59	0	0	0	0
	point359	359	3576	59	37	59	37	59	0	0	0	0
	point358	358	3576	59	37	59	37	59	0	0	0	0
	point357	357	3576	59	37	59	37	59	0	0	0	0
	point356	356	3576	59	37	59	37	59	0	0	0	0
	point355	355	3576	59	37	59	37	59	0	0	0	0
	point354	354	3576	59	37	59	37	59	0	0	0	0
	point353	353	3576	59	37	59	37	59	0	0	0	0

	point352	352	3576	59	37	59	37	59	0	0	0	0
	point351	351	3576	59	37	59	37	59	0	0	0	0
	point350	350										
Roadway13	point370	370	4981	57	49	57	56	57	0	0	0	0
	point371	371	4981	57	49	57	56	57	0	0	0	0
	point372	372	4981	57	49	57	56	57	0	0	0	0
	point373	373	4981	57	49	57	56	57	0	0	0	0
	point374	374	4981	57	49	57	56	57	0	0	0	0
	point375	375	4981	57	49	57	56	57	0	0	0	0
	point376	376	4981	57	49	57	56	57	0	0	0	0
	point377	377	4981	57	49	57	56	57	0	0	0	0
	point378	378	4981	57	49	57	56	57	0	0	0	0
	point379	379	4981	57	49	57	56	57	0	0	0	0
	point380	380	4981	57	49	57	56	57	0	0	0	0
	point381	381	4981	57	49	57	56	57	0	0	0	0
	point382	382	4981	57	49	57	56	57	0	0	0	0
	point383	383	4981	57	49	57	56	57	0	0	0	0
	point384	384	4981	57	49	57	56	57	0	0	0	0
	point385	385	4981	57	49	57	56	57	0	0	0	0
	point386	386	4981	57	49	57	56	57	0	0	0	0
	point387	387										
Roadway14	point397	397	505	55	7	55	2	55	0	0	0	0
	point396	396	505	55	7	55	2	55	0	0	0	0
	point395	395	505	55	7	55	2	55	0	0	0	0
	point394	394	505	55	7	55	2	55	0	0	0	0
	point393	393	505	55	7	55	2	55	0	0	0	0
	point392	392	505	55	7	55	2	55	0	0	0	0
	point391	391	505	55	7	55	2	55	0	0	0	0
	point390	390	505	55	7	55	2	55	0	0	0	0
	point389	389	505	55	7	55	2	55	0	0	0	0
	point388	388										
Roadway15	point414	414	1039	55	15	55	4	55	0	0	0	0
	point411	411	1039	55	15	55	4	55	0	0	0	0
	point409	409	1039	55	15	55	4	55	0	0	0	0
	point406	406	1039	55	15	55	4	55	0	0	0	0
	point403	403	1039	55	15	55	4	55	0	0	0	0

	point400	400	1039	55	15	55	4	55	0	0	0	0
	point399	399	1039	55	15	55	4	55	0	0	0	0
	point398	398										
Roadway16	point415	415	680	40	10	40	3	40	0	0	0	0
	point417	417	680	40	10	40	3	40	0	0	0	0
	point419	419	680	40	10	40	3	40	0	0	0	0
	point421	421	680	40	10	40	3	40	0	0	0	0
	point424	424	680	40	10	40	3	40	0	0	0	0
	point427	427	680	40	10	40	3	40	0	0	0	0
	point429	429	680	40	10	40	3	40	0	0	0	0
	point431	431	680	40	10	40	3	40	0	0	0	0
	point432	432	680	40	10	40	3	40	0	0	0	0
	point434	434	680	40	10	40	3	40	0	0	0	0
	point436	436	680	40	10	40	3	40	0	0	0	0
	point437	437										
Roadway17	point443	443	680	40	10	40	3	40	0	0	0	0
	point442	442	680	40	10	40	3	40	0	0	0	0
	point441	441	680	40	10	40	3	40	0	0	0	0
	point440	440	680	40	10	40	3	40	0	0	0	0
	point439	439	680	40	10	40	3	40	0	0	0	0
	point438	438										
Roadway18	point444	444	359	40	5	40	1	40	0	0	0	0
	point447	447	359	40	5	40	1	40	0	0	0	0
	point449	449	359	40	5	40	1	40	0	0	0	0
	point450	450	359	40	5	40	1	40	0	0	0	0
	point454	454	359	40	5	40	1	40	0	0	0	0
	point457	457	359	40	5	40	1	40	0	0	0	0
	point459	459	359	40	5	40	1	40	0	0	0	0
	point462	462	359	40	5	40	1	40	0	0	0	0
	point464	464	359	40	5	40	1	40	0	0	0	0
	point467	467	359	40	5	40	1	40	0	0	0	0
	point468	468										
Roadway19	point472	472	359	40	5	40	1	40	0	0	0	0
	point471	471	359	40	5	40	1	40	0	0	0	0
	point470	470	359	40	5	40	1	40	0	0	0	0
	point469	469										

Roadway20	point473	473	99	45	1	45	0	0	0	0	0	0
	point474	474	99	45	1	45	0	0	0	0	0	0
	point475	475	99	45	1	45	0	0	0	0	0	0
	point476	476	99	45	1	45	0	0	0	0	0	0
	point477	477	99	45	1	45	0	0	0	0	0	0
	point478	478	99	45	1	45	0	0	0	0	0	0
	point479	479	99	45	1	45	0	0	0	0	0	0
	point480	480										
Roadway21	point481	481	99	40	1	40	0	0	0	0	0	0
	point482	482	99	40	1	40	0	0	0	0	0	0
	point483	483										
Roadway22	point487	487	406	45	6	45	2	45	0	0	0	0
	point486	486	406	45	6	45	2	45	0	0	0	0
	point485	485	406	45	6	45	2	45	0	0	0	0
	point484	484										
Roadway23	point495	495	406	40	6	40	2	40	0	0	0	0
	point494	494	406	40	6	40	2	40	0	0	0	0
	point493	493	406	40	6	40	2	40	0	0	0	0
	point492	492	406	40	6	40	2	40	0	0	0	0
	point491	491	406	40	6	40	2	40	0	0	0	0
	point490	490	406	40	6	40	2	40	0	0	0	0
	point489	489	406	40	6	40	2	40	0	0	0	0
	point488	488										
Roadway24	point499	499	242	40	3	40	1	40	0	0	0	0
	point498	498	242	40	3	40	1	40	0	0	0	0
	point497	497	242	40	3	40	1	40	0	0	0	0
	point496	496										
Roadway25	point506	506	242	45	3	45	1	45	0	0	0	0
	point505	505	242	45	3	45	1	45	0	0	0	0
	point504	504	242	45	3	45	1	45	0	0	0	0
	point503	503	242	45	3	45	1	45	0	0	0	0
	point502	502	242	45	3	45	1	45	0	0	0	0
	point501	501	242	45	3	45	1	45	0	0	0	0
	point500	500										
Roadway27	point511	511	717	40	10	40	3	40	0	0	0	0
	point510	510	717	40	10	40	3	40	0	0	0	0

	point509	509										
429	point512	512	134	40	2	40	1	40	0	0	0	0
	point513	513										
Roadway29	point516	516	333	40	5	40	1	40	0	0	0	0
	point515	515	333	40	5	40	1	40	0	0	0	0
	point514	514										
Roadway30	point525	525	333	45	5	45	1	45	0	0	0	0
	point524	524	333	45	5	45	1	45	0	0	0	0
	point523	523	333	45	5	45	1	45	0	0	0	0
	point522	522	333	45	5	45	1	45	0	0	0	0
	point521	521	333	45	5	45	1	45	0	0	0	0
	point520	520	333	45	5	45	1	45	0	0	0	0
	point519	519	333	45	5	45	1	45	0	0	0	0
	point518	518	333	45	5	45	1	45	0	0	0	0
	point517	517										
Roadway31	point531	531	467	40	7	40	2	40	0	0	0	0
	point530	530	467	40	7	40	2	40	0	0	0	0
	point529	529	467	40	7	40	2	40	0	0	0	0
	point528	528	467	40	7	40	2	40	0	0	0	0
	point527	527	467	40	7	40	2	40	0	0	0	0
	point526	526										
Roadway32	point535	535	466	40	7	40	2	40	0	0	0	0
	point534	534	466	40	7	40	2	40	0	0	0	0
	point533	533	466	40	7	40	2	40	0	0	0	0
	point532	532										
Roadway33	point536	536	466	40	7	40	2	40	0	0	0	0
	point537	537										
Roadway34	point542	542	444	40	6	40	2	40	0	0	0	0
	point541	541	444	40	6	40	2	40	0	0	0	0
	point540	540	444	40	6	40	2	40	0	0	0	0
	point539	539	444	40	6	40	2	40	0	0	0	0
	point538	538										
Roadway35	point553	553	444	45	6	45	2	45	0	0	0	0
	point552	552	444	45	6	45	2	45	0	0	0	0
	point551	551	444	45	6	45	2	45	0	0	0	0
	point550	550	444	45	6	45	2	45	0	0	0	0

	point549	549	444	45	6	45	2	45	0	0	0	0
	point548	548	444	45	6	45	2	45	0	0	0	0
	point547	547	444	45	6	45	2	45	0	0	0	0
	point546	546	444	45	6	45	2	45	0	0	0	0
	point545	545	444	45	6	45	2	45	0	0	0	0
	point544	544	444	45	6	45	2	45	0	0	0	0
	point543	543										
Roadway36	point564	564	307	45	4	45	1	45	0	0	0	0
	point563	563	307	45	4	45	1	45	0	0	0	0
	point562	562	307	45	4	45	1	45	0	0	0	0
	point561	561	307	45	4	45	1	45	0	0	0	0
	point560	560	307	45	4	45	1	45	0	0	0	0
	point559	559	307	45	4	45	1	45	0	0	0	0
	point558	558	307	45	4	45	1	45	0	0	0	0
	point557	557	307	45	4	45	1	45	0	0	0	0
	point556	556	307	45	4	45	1	45	0	0	0	0
	point555	555	307	45	4	45	1	45	0	0	0	0
	point554	554										
Roadway37	point568	568	307	40	4	40	1	40	0	0	0	0
	point567	567	307	40	4	40	1	40	0	0	0	0
	point566	566	307	40	4	40	1	40	0	0	0	0
	point565	565										
Roadway38	point572	572	264	40	4	40	1	40	0	0	0	0
	point571	571	264	40	4	40	1	40	0	0	0	0
	point570	570	264	40	4	40	1	40	0	0	0	0
	point569	569										
Roadway39	point577	577	264	40	4	40	1	40	0	0	0	0
	point576	576	264	40	4	40	1	40	0	0	0	0
	point575	575	264	40	4	40	1	40	0	0	0	0
	point574	574	264	40	4	40	1	40	0	0	0	0
	point573	573										
Roadway40	point582	582	835	40	5	40	0	0	0	0	0	0
	point581	581	835	40	5	40	0	0	0	0	0	0
	point580	580	835	40	5	40	0	0	0	0	0	0
	point579	579	835	40	5	40	0	0	0	0	0	0
	point578	578										

Roadway41	point595	595	1032	40	10	40	0	0	0	0	0	0
	point594	594	1032	40	10	40	0	0	0	0	0	0
	point593	593	1032	40	10	40	0	0	0	0	0	0
	point592	592	1032	40	10	40	0	0	0	0	0	0
	point591	591	1032	40	10	40	0	0	0	0	0	0
	point590	590	1032	40	10	40	0	0	0	0	0	0
	point589	589	1032	40	10	40	0	0	0	0	0	0
	point588	588	1032	40	10	40	0	0	0	0	0	0
	point587	587	1032	40	10	40	0	0	0	0	0	0
	point586	586	1032	40	10	40	0	0	0	0	0	0
	point585	585	1032	40	10	40	0	0	0	0	0	0
	point584	584	1032	40	10	40	0	0	0	0	0	0
	point583	583										
Roadway42	point609	609	670	40	10	40	3	40	0	0	0	0
	point608	608	670	40	10	40	3	40	0	0	0	0
	point607	607	670	40	10	40	3	40	0	0	0	0
	point606	606	670	40	10	40	3	40	0	0	0	0
	point605	605	670	40	10	40	3	40	0	0	0	0
	point604	604	670	40	10	40	3	40	0	0	0	0
	point603	603	670	40	10	40	3	40	0	0	0	0
	point602	602	670	40	10	0	3	40	0	0	0	0
	point601	601	670	40	10	40	3	40	0	0	0	0
	point600	600	670	40	10	40	3	40	0	0	0	0
	point599	599	670	40	10	40	3	40	0	0	0	0
	point598	598	670	40	10	40	3	40	0	0	0	0
	point597	597	670	40	10	40	3	40	0	0	0	0
	point596	596										
Roadway43	point610	610	963	40	9	40	0	0	0	0	0	0
	point611	611	963	40	9	40	0	0	0	0	0	0
	point612	612										
Roadway44	point615	615	69	40	1	40	0	0	0	0	0	0
	point614	614	69	40	1	40	0	0	0	0	0	0
	point613	613										
Roadway45	point619	619	5	40	0	0	0	0	0	0	0	0
	point1237	1237	5	40	0	0	0	0	0	0	0	0
	point618	618	5	40	0	0	0	0	0	0	0	0

	point617	617	5	40	0	0	0	0	0	0	0	0
	point616	616										
Roadway46	point624	624	656	40	17	40	5	40	0	0	0	0
	point623	623	656	40	17	40	5	40	0	0	0	0
	point622	622	656	40	17	40	5	40	0	0	0	0
	point621	621	656	40	17	40	5	40	0	0	0	0
	point620	620										
Roadway47	point628	628	5	40	0	0	0	0	0	0	0	0
	point627	627	5	40	0	0	0	0	0	0	0	0
	point626	626	5	40	0	0	0	0	0	0	0	0
	point625	625										
Roadway48	point633	633	69	40	1	40	0	0	0	0	0	0
	point1238	1238	69	40	1	40	0	0	0	0	0	0
	point630	630	69	40	1	40	0	0	0	0	0	0
	point629	629										
Roadway49	point634	634	656	40	17	40	5	40	0	0	0	0
	point635	635	656	40	17	40	5	40	0	0	0	0
	point636	636	656	40	17	40	5	40	0	0	0	0
	point637	637	656	40	17	40	5	40	0	0	0	0
	point638	638										
Roadway50	point639	639	553	40	14	40	4	40	0	0	0	0
	point640	640	553	40	14	40	4	40	0	0	0	0
	point641	641	553	40	14	40	4	40	0	0	0	0
	point642	642	553	40	14	40	4	40	0	0	0	0
	point643	643	553	40	14	40	4	40	0	0	0	0
	point644	644	553	40	14	40	4	40	0	0	0	0
	point645	645										
Roadway51	point649	649	553	40	14	40	4	40	0	0	0	0
	point1160	1160	553	40	14	40	4	40	0	0	0	0
	point648	648	553	40	14	40	4	40	0	0	0	0
	point1162	1162	553	40	14	40	4	40	0	0	0	0
	point1163	1163	553	40	14	40	4	40	0	0	0	0
	point647	647	553	40	14	40	4	40	0	0	0	0
	point646	646										
Roadway52	point655	655	682	40	22	40	3	40	0	0	0	0
	point654	654	682	40	22	40	3	40	0	0	0	0

	point653	653	682	40	22	40	3	40	0	0	0	0
	point652	652	682	40	22	40	3	40	0	0	0	0
	point651	651	682	40	22	40	3	40	0	0	0	0
	point650	650										
Roadway53	point661	661	963	40	9	40	0	0	0	0	0	0
	point660	660	963	40	9	40	0	0	0	0	0	0
	point659	659	963	40	9	40	0	0	0	0	0	0
	point658	658	963	40	9	40	0	0	0	0	0	0
	point657	657	963	40	9	40	0	0	0	0	0	0
	point656	656										
Roadway54	point665	665	531	40	10	40	4	40	0	0	0	0
	point664	664	531	40	10	40	4	40	0	0	0	0
	point663	663	531	40	10	40	4	40	0	0	0	0
	point662	662										
Roadway55	point669	669	531	40	10	40	4	40	0	0	0	0
	point668	668	531	40	10	40	4	40	0	0	0	0
	point667	667	531	40	10	40	4	40	0	0	0	0
	point666	666										
Roadway56	point673	673	536	40	10	40	4	40	0	0	0	0
	point672	672	536	40	10	40	4	40	0	0	0	0
	point671	671	536	40	10	40	4	40	0	0	0	0
	point670	670										
Roadway59	point697	697	487	40	9	40	3	40	0	0	0	0
	point696	696	487	40	9	40	3	40	0	0	0	0
	point695	695	487	40	9	40	3	40	0	0	0	0
	point694	694	487	40	9	40	3	40	0	0	0	0
	point693	693	487	40	9	40	3	40	0	0	0	0
	point692	692	487	40	9	40	3	40	0	0	0	0
	point691	691	487	40	9	40	3	40	0	0	0	0
	point690	690										
Roadway60	point698	698	515	40	17	40	2	40	0	0	0	0
	point699	699	515	40	17	40	2	40	0	0	0	0
	point700	700										
Roadway61	point711	711	170	40	13	40	2	40	0	0	0	0
	point710	710	170	40	13	40	2	40	0	0	0	0
	point709	709	170	40	13	40	2	40	0	0	0	0

	point708	708	170	40	13	40	2	40	0	0	0	0
	point707	707	170	40	13	40	2	40	0	0	0	0
	point706	706	170	40	13	40	2	40	0	0	0	0
	point705	705	170	40	13	40	2	40	0	0	0	0
	point704	704	170	40	13	40	2	40	0	0	0	0
	point703	703	170	40	13	40	2	40	0	0	0	0
	point702	702	170	40	13	40	2	40	0	0	0	0
	point701	701										
Roadway64	point727	727	682	40	13	40	4	40	0	0	0	0
	point728	728										
Roadway65	point729	729	969	40	31	40	3	40	0	0	0	0
	point730	730	969	40	31	40	3	40	0	0	0	0
	point731	731	969	40	31	40	3	40	0	0	0	0
	point732	732										
Roadway66	point734	734	536	40	17	40	2	40	0	0	0	0
	point733	733										
Roadway67	point735	735	433	40	13	40	1	40	0	0	0	0
	point736	736	433	40	13	40	1	40	0	0	0	0
	point737	737	433	40	13	40	1	40	0	0	0	0
	point738	738	433	40	13	40	1	40	0	0	0	0
	point739	739										
Roadway68	point757	757	536	40	17	40	2	40	0	0	0	0
	point756	756	536	40	17	40	2	40	0	0	0	0
	point755	755	536	40	17	40	2	40	0	0	0	0
	point754	754	536	40	17	40	2	40	0	0	0	0
	point753	753	536	40	17	40	2	40	0	0	0	0
	point752	752										
Roadway69	point766	766	742	40	6	40	1	40	0	0	0	0
	point765	765	742	40	6	40	1	40	0	0	0	0
	point764	764	742	40	6	40	1	40	0	0	0	0
	point763	763	742	40	6	40	1	40	0	0	0	0
	point762	762	742	40	6	40	1	40	0	0	0	0
	point761	761	742	40	6	40	1	40	0	0	0	0
	point760	760	742	40	6	40	1	40	0	0	0	0
	point759	759	742	40	6	40	1	40	0	0	0	0
	point758	758										

Roadway70	point771	771	509	40	4	40	1	40	0	0	0	0
	point770	770	509	40	4	40	1	40	0	0	0	0
	point769	769	509	40	4	40	1	40	0	0	0	0
	point768	768	509	40	4	40	1	40	0	0	0	0
	point767	767										
Roadway71	point772	772	226	40	2	40	0	0	0	0	0	0
	point773	773	226	40	2	40	0	0	0	0	0	0
	point774	774	226	40	2	40	0	0	0	0	0	0
	point775	775	226	40	2	40	0	0	0	0	0	0
	point776	776										
Roadway72	point781	781	509	40	4	40	1	40	0	0	0	0
	point780	780	509	40	4	40	1	40	0	0	0	0
	point779	779	509	40	4	40	1	40	0	0	0	0
	point778	778	509	40	4	40	1	40	0	0	0	0
	point777	777										
Roadway73	point786	786	226	40	2	40	0	0	0	0	0	0
	point785	785	226	40	2	40	0	0	0	0	0	0
	point784	784	226	40	2	40	0	0	0	0	0	0
	point783	783	226	40	2	40	0	0	0	0	0	0
	point782	782										
Roadway74	point791	791	264	40	3	40	1	40	0	0	0	0
	point790	790	264	40	3	40	1	40	0	0	0	0
	point789	789	264	40	3	40	1	40	0	0	0	0
	point788	788	264	40	3	40	1	40	0	0	0	0
	point787	787										
Roadway75	point796	796	264	40	3	40	1	40	0	0	0	0
	point795	795	264	40	3	40	1	40	0	0	0	0
	point794	794	264	40	3	40	1	40	0	0	0	0
	point793	793	264	40	3	40	1	40	0	0	0	0
	point792	792										
Roadway76	point797	797	245	40	3	40	0	0	0	0	0	0
	point798	798	245	40	3	40	0	0	0	0	0	0
	point799	799										
Roadway77	point800	800	658	40	16	40	2	40	0	0	0	0
	point801	801	658	40	16	40	2	40	0	0	0	0
	point802	802	658	40	16	40	2	40	0	0	0	0

	point803	803	658	40	16	40	2	40	0	0	0	0
	point804	804	658	40	16	40	2	40	0	0	0	0
	point805	805	658	40	16	40	2	40	0	0	0	0
	point806	806	658	40	16	40	2	40	0	0	0	0
	point807	807	658	40	16	40	2	40	0	0	0	0
	point808	808	658	40	16	40	2	40	0	0	0	0
	point809	809	658	40	16	40	2	40	0	0	0	0
	point810	810										
Roadway78	point811	811	411	40	6	40	1	40	0	0	0	0
	point812	812	411	40	6	40	1	40	0	0	0	0
	point813	813	411	40	6	40	1	40	0	0	0	0
	point814	814	411	40	6	40	1	40	0	0	0	0
	point815	815	411	40	6	40	1	40	0	0	0	0
	point816	816	411	40	6	40	1	40	0	0	0	0
	point817	817	411	40	6	40	1	40	0	0	0	0
	point818	818	411	40	6	40	1	40	0	0	0	0
	point819	819	411	40	6	40	1	40	0	0	0	0
	point820	820										
Roadway79	point828	828	208	40	5	40	0	0	0	0	0	0
	point827	827	208	40	5	40	0	0	0	0	0	0
	point826	826	208	40	5	40	0	0	0	0	0	0
	point825	825	208	40	5	40	0	0	0	0	0	0
	point824	824										
Roadway80	point829	829	541	40	13	40	1	40	0	0	0	0
	point830	830	541	40	13	40	1	40	0	0	0	0
	point831	831										
Roadway81	point835	835	10	40	0	0	0	0	0	0	0	0
	point834	834	10	40	0	0	0	0	0	0	0	0
	point833	833	10	40	0	0	0	0	0	0	0	0
	point832	832										
Roadway83	point844	844	37	40	2	40	1	40	0	0	0	0
	point843	843	37	40	2	40	1	40	0	0	0	0
	point842	842	37	40	2	40	1	40	0	0	0	0
	point841	841	37	40	2	40	1	40	0	0	0	0
	point840	840	37	40	2	40	1	40	0	0	0	0
	point839	839										

Roadway84	point847	847	377	40	2	40	0	0	0	0	0	0
	point846	846	377	40	2	40	0	0	0	0	0	0
	point845	845										
Roadway85	point857	857	377	40	2	40	0	0	0	0	0	0
	point1241	1241	377	40	2	40	0	0	0	0	0	0
	point855	855	377	40	2	40	0	0	0	0	0	0
	point1242	1242	377	40	2	40	0	0	0	0	0	0
	point853	853	377	40	2	40	0	0	0	0	0	0
	point852	852	377	40	2	40	0	0	0	0	0	0
	point851	851	377	40	2	40	0	0	0	0	0	0
	point850	850	377	40	2	40	0	0	0	0	0	0
	point849	849										
Roadway86	point858	858	5	40	0	0	0	0	0	0	0	0
	point859	859	5	40	0	0	0	0	0	0	0	0
	point860	860	5	40	0	0	0	0	0	0	0	0
	point861	861										
Roadway87	point864	864	453	40	3	40	0	0	0	0	0	0
	point863	863	453	40	3	40	0	0	0	0	0	0
	point862	862										
Roadway88	point868	868	453	40	3	40	0	0	0	0	0	0
	point867	867	453	40	3	40	0	0	0	0	0	0
	point866	866	453	40	3	40	0	0	0	0	0	0
	point865	865										
Roadway89	point869	869	633	40	15	40	3	40	0	0	0	0
	point870	870	633	40	15	40	3	40	0	0	0	0
	point871	871	633	40	15	40	3	40	0	0	0	0
	point872	872	633	40	15	40	3	40	0	0	0	0
	point874	874										
Roadway90	point880	880	217	40	5	40	1	40	0	0	0	0
	point879	879	217	40	5	40	1	40	0	0	0	0
	point878	878	217	40	5	40	1	40	0	0	0	0
	point877	877	217	40	5	40	1	40	0	0	0	0
	point876	876	217	40	5	40	1	40	0	0	0	0
	point875	875										
Roadway91	point881	881	234	40	6	40	1	40	0	0	0	0
	point882	882	234	40	6	40	1	40	0	0	0	0

	point883	883	234	40	6	40	1	40	0	0	0	0
	point884	884	234	40	6	40	1	40	0	0	0	0
	point885	885	234	40	6	40	1	40	0	0	0	0
	point886	886										
Roadway92	point891	891	182	40	4	40	1	40	0	0	0	0
	point890	890	182	40	4	40	1	40	0	0	0	0
	point889	889	182	40	4	40	1	40	0	0	0	0
	point888	888	182	40	4	40	1	40	0	0	0	0
	point887	887										
Roadway94	point899	899	541	40	13	40	1	40	0	0	0	0
	point900	900	541	40	13	40	1	40	0	0	0	0
	point901	901	541	40	13	40	1	40	0	0	0	0
	point902	902	541	40	13	40	1	40	0	0	0	0
	point903	903										
Roadway97	point912	912	182	40	4	40	1	40	0	0	0	0
	point911	911	182	40	4	40	1	40	0	0	0	0
	point910	910										
Roadway100	point946	0	5732	58	59	58	59	58	0	0	0	0
	point947	947	5732	58	59	58	59	58	0	0	0	0
	point948	948	5732	58	59	58	59	58	0	0	0	0
	point949	949	5732	58	59	58	59	58	0	0	0	0
	point950	950	5732	58	59	58	59	58	0	0	0	0
	point951	951	5732	58	59	58	59	58	0	0	0	0
	point952	952	5732	58	59	58	59	58	0	0	0	0
	point953	953										
Roadway101	point963	963	5732	58	59	58	59	58	0	0	0	0
	point962	962	5732	58	59	58	59	58	0	0	0	0
	point961	961	5732	58	59	58	59	58	0	0	0	0
	point960	960	5732	58	59	58	59	58	0	0	0	0
	point959	959	5732	58	59	58	59	58	0	0	0	0
	point958	958	5732	58	59	58	59	58	0	0	0	0
	point957	957	5732	58	59	58	59	58	0	0	0	0
	point956	956	5732	58	59	58	59	58	0	0	0	0
	point955	955	5732	58	59	58	59	58	0	0	0	0
	point954	954										
Roadway102	point972	972	5379	58	49	58	56	58	0	0	0	0

	point971	971	5379	58	49	58	56	58	0	0	0	0
	point970	970	5379	58	49	58	56	58	0	0	0	0
	point969	969	5379	58	49	58	56	58	0	0	0	0
	point968	968	5379	58	49	58	56	58	0	0	0	0
	point967	967	5379	58	49	58	56	58	0	0	0	0
	point966	966	5379	58	49	58	56	58	0	0	0	0
	point965	965	5379	58	49	58	56	58	0	0	0	0
	point964	964										
Roadway103	point979	979	353	58	10	58	3	58	0	0	0	0
	point978	978	353	58	10	58	3	58	0	0	0	0
	point977	977	353	58	10	58	3	58	0	0	0	0
	point976	976	353	58	10	58	3	58	0	0	0	0
	point975	975	353	58	10	58	3	58	0	0	0	0
	point974	974	353	58	10	58	3	58	0	0	0	0
	point973	973										
Roadway106	point998	998	316	40	7	40	2	40	0	0	0	0
	point997	997	316	40	7	40	2	40	0	0	0	0
	point996	996	316	40	7	40	2	40	0	0	0	0
	point995	995	316	40	7	40	2	40	0	0	0	0
	point994	994										
Roadway107	point1002	1002	37	55	3	55	1	55	0	0	0	0
	point1001	1001	37	55	3	55	1	55	0	0	0	0
	point1000	1000	37	55	3	55	1	55	0	0	0	0
	point999	999										
Roadway108	point1003	1003	286	40	21	40	8	40	0	0	0	0
	point1004	1004	286	40	21	40	8	40	0	0	0	0
	point1005	1005	286	40	21	40	8	40	0	0	0	0
	point1006	1006										
Roadway109	point1010	1010	1185	40	25	40	6	40	0	0	0	0
	point1009	1009	1185	40	25	40	6	40	0	0	0	0
	point1008	1008	1185	40	25	40	6	40	0	0	0	0
	point1007	1007										
Roadway110	point1015	1015	748	40	17	40	5	40	0	0	0	0
	point1014	1014	748	40	17	40	5	40	0	0	0	0
	point1013	1013	748	40	17	40	5	40	0	0	0	0
	point1012	1012	748	40	17	40	5	40	0	0	0	0

	point1011	1011										
Roadway111	point1022	1022	616	40	11	40	1	40	0	0	0	0
	point1021	1021	616	40	11	40	1	40	0	0	0	0
	point1020	1020	616	40	11	40	1	40	0	0	0	0
	point1019	1019	616	40	11	40	1	40	0	0	0	0
	point1018	1018	616	40	11	40	1	40	0	0	0	0
	point1017	1017	616	40	11	40	1	40	0	0	0	0
	point1016	1016										
Roadway112	point1031	1031	1053	45	19	45	2	45	0	0	0	0
	point1030	1030	1053	45	19	45	2	45	0	0	0	0
	point1029	1029	1053	45	19	45	2	45	0	0	0	0
	point1028	1028	1053	45	19	45	2	45	0	0	0	0
	point1027	1027	1053	45	19	45	2	45	0	0	0	0
	point1026	1026	1053	45	19	45	2	45	0	0	0	0
	point1025	1025	1053	45	19	45	2	45	0	0	0	0
	point1024	1024	1053	45	19	45	2	45	0	0	0	0
	point1023	1023										
Roadway113	point1032	1032	286	40	21	40	8	40	0	0	0	0
	point1033	1033	286	40	21	40	8	40	0	0	0	0
	point1034	1034										
Roadway115	point1041	1041	316	40	7	40	2	40	0	0	0	0
	point1040	1040	316	40	7	40	2	40	0	0	0	0
	point1039	1039	316	40	7	40	2	40	0	0	0	0
	point1038	1038	316	40	7	40	2	40	0	0	0	0
	point1037	1037										
Roadway117	point1050	1050	235	55	6	55	1	55	0	0	0	0
	point1049	1049	235	55	6	55	1	55	0	0	0	0
	point1048	1048	235	55	6	55	1	55	0	0	0	0
	point1047	1047	235	55	6	55	1	55	0	0	0	0
	point1046	1046										
Roadway118	point1055	1055	1064	40	24	40	7	40	0	0	0	0
	point1054	1054	1064	40	24	40	7	40	0	0	0	0
	point1053	1053	1064	40	24	40	7	40	0	0	0	0
	point1052	1052	1064	40	24	40	7	40	0	0	0	0
	point1051	1051										
Roadway119	point1058	1058	90	55	3	55	1	55	0	0	0	0

	point1057	1057	90	55	3	55	1	55	0	0	0	0
	point1056	1056										
Roadway120	point1063	1063	717	40	10	40	3	40	0	0	0	0
	point1062	1062	717	40	10	40	3	40	0	0	0	0
	point1061	1061	717	40	10	40	3	40	0	0	0	0
	point1060	1060	717	40	10	40	3	40	0	0	0	0
	point1059	1059										
Roadway121	point1067	1067	134	40	2	40	1	40	0	0	0	0
	point1066	1066	134	40	2	40	1	40	0	0	0	0
	point1065	1065	134	40	2	40	1	40	0	0	0	0
	point1064	1064										
Roadway93	point892	892	1022	40	18	40	1	40	0	0	0	0
	point893	893	1022	40	18	40	1	40	0	0	0	0
	point894	894	1022	40	18	40	1	40	0	0	0	0
	point895	895	1022	40	18	40	1	40	0	0	0	0
	point896	896	1022	40	18	40	1	40	0	0	0	0
	point897	897	1022	40	18	40	1	40	0	0	0	0
	point906	906	1022	40	18	40	1	40	0	0	0	0
	point904	904	1022	40	18	40	1	40	0	0	0	0
	point905	905										
Roadway124	point1068	1068	167	40	5	40	1	40	0	0	0	0
	point1069	1069	167	40	5	40	1	40	0	0	0	0
	point1070	1070	167	40	5	40	1	40	0	0	0	0
	point1071	1071	167	40	5	40	1	40	0	0	0	0
	point1072	1072	167	40	5	40	1	40	0	0	0	0
	point1073	1073	167	40	5	40	1	40	0	0	0	0
	point1074	1074	167	40	5	40	1	40	0	0	0	0
	point1075	1075	167	40	5	40	1	40	0	0	0	0
	point1076	1076	167	40	5	40	1	40	0	0	0	0
	point1077	1077	167	40	5	40	1	40	0	0	0	0
	point1078	1078	167	40	5	40	1	40	0	0	0	0
	point1079	1079										
Roadway126	point1087	1087	432	40	33	40	4	40	0	0	0	0
	point1086	1086	432	40	33	40	4	40	0	0	0	0
	point1085	1085	432	40	33	40	4	40	0	0	0	0
	point1084	1084	432	40	33	40	4	40	0	0	0	0

	point1083	1083	432	40	33	40	4	40	0	0	0	0
	point1082	1082										
Roadway127	point1088	1088	167	40	5	40	1	40	0	0	0	0
	point1089	1089	167	40	5	40	1	40	0	0	0	0
	point1090	1090										
Roadway128	point1091	1091	480	45	13	45	3	45	0	0	0	0
	point1092	1092	480	45	13	45	3	45	0	0	0	0
	point1093	1093	480	45	13	45	3	45	0	0	0	0
	point1094	1094	480	45	13	45	3	45	0	0	0	0
	point1095	1095	480	45	13	45	3	45	0	0	0	0
	point1096	1096	480	45	13	45	3	45	0	0	0	0
	point1097	1097	480	45	13	45	3	45	0	0	0	0
	point1098	1098	480	45	13	45	3	45	0	0	0	0
	point1099	1099	480	45	13	45	3	45	0	0	0	0
	point1100	1100										
Roadway129	point1101	1101	28	40	2	40	0	0	0	0	0	0
	point1102	1102	28	40	2	40	0	0	0	0	0	0
	point1103	1103	28	40	2	40	0	0	0	0	0	0
	point1104	1104	28	40	2	40	0	0	0	0	0	0
	point1105	1105	28	40	2	40	0	0	0	0	0	0
	point1106	1106	28	40	2	40	0	0	0	0	0	0
	point1107	1107	28	40	2	40	0	0	0	0	0	0
	point1108	1108										
Roadway130	point1124	1124	5	40	0	0	0	0	0	0	0	0
	point1123	1123	5	40	0	0	0	0	0	0	0	0
	point1122	1122	5	40	0	0	0	0	0	0	0	0
	point1121	1121	5	40	0	0	0	0	0	0	0	0
	point1120	1120	5	40	0	0	0	0	0	0	0	0
	point1119	0										
Roadway131	point1125	1125	267	40	8	40	1	40	0	0	0	0
	point1126	1126	267	40	8	40	1	40	0	0	0	0
	point1127	1127	267	40	8	40	1	40	0	0	0	0
	point1128	1128	267	40	8	40	1	40	0	0	0	0
	point1129	1129	267	40	8	40	1	40	0	0	0	0
	point1130	1130	267	40	8	40	1	40	0	0	0	0
	point1131	1131										

Roadway132	point1136	1136	217	40	5	40	1	40	0	0	0	0
	point1135	1135	217	40	5	40	1	40	0	0	0	0
	point1134	1134	217	40	5	40	1	40	0	0	0	0
	point1239	1239	217	40	5	40	1	40	0	0	0	0
	point1133	1133	217	40	5	40	1	40	0	0	0	0
	point1132	1132										
Roadway133	point1140	1140	98	40	6	40	1	40	0	0	0	0
	point1139	1139										
Roadway134	point1141	1141	515	40	17	40	2	40	0	0	0	0
	point1142	1142	515	40	17	40	2	40	0	0	0	0
	point1143	1143	515	40	17	40	2	40	0	0	0	0
	point1144	1144	515	40	17	40	2	40	0	0	0	0
	point1145	1145										
Roadway135	point1149	1149	245	40	3	40	0	0	0	0	0	0
	point1148	1148	245	40	3	40	0	0	0	0	0	0
	point1147	1147	245	40	3	40	0	0	0	0	0	0
	point1146	1146										
Roadway136	point1150	1150	187	40	4	40	1	40	0	0	0	0
	point1151	1151	187	40	4	40	1	40	0	0	0	0
	point1152	1152	187	40	4	40	1	40	0	0	0	0
	point1153	1153	187	40	4	40	1	40	0	0	0	0
	point1154	1154	187	40	4	40	1	40	0	0	0	0
	point1155	1155	187	40	4	40	1	40	0	0	0	0
	point1156	1156	187	40	4	40	1	40	0	0	0	0
	point1157	1157	187	40	4	40	1	40	0	0	0	0
	point1158	1158	187	40	4	40	1	40	0	0	0	0
	point1159	1159										
Roadway57	point682	682	1494	40	19	40	4	40	0	0	0	0
	point681	681	1494	40	19	40	4	40	0	0	0	0
	point680	680	1494	40	19	40	4	40	0	0	0	0
	point679	679	1494	40	19	40	4	40	0	0	0	0
	point678	678	1494	40	19	40	4	40	0	0	0	0
	point677	677	1494	40	19	40	4	40	0	0	0	0
	point676	676	1494	40	19	40	4	40	0	0	0	0
	point675	675	1494	40	19	40	4	40	0	0	0	0
	point1182	1182	1494	40	19	40	4	40	0	0	0	0

	point1167	1167	1494	40	19	40	4	40	0	0	0	0
	point1168	1168	1494	40	19	40	4	40	0	0	0	0
	point1169	1169	1494	40	19	40	4	40	0	0	0	0
	point1170	1170	1494	40	19	40	4	40	0	0	0	0
	point1171	1171	1494	40	19	40	4	40	0	0	0	0
	point1172	1172	1494	40	19	40	4	40	0	0	0	0
	point1173	1173										
Roadway58	point1174	1174	1209	40	31	40	9	40	0	0	0	0
	point1175	1175	1209	40	31	40	9	40	0	0	0	0
	point1176	1176	1209	40	31	40	9	40	0	0	0	0
	point1177	1177	1209	40	31	40	9	40	0	0	0	0
	point1178	1178	1209	40	31	40	9	40	0	0	0	0
	point1179	1179	1209	40	31	40	9	40	0	0	0	0
	point1180	1180	1209	40	31	40	9	40	0	0	0	0
	point1181	1181	1209	40	31	40	9	40	0	0	0	0
	point684	684	1209	40	31	40	9	40	0	0	0	0
	point685	685	1209	40	31	40	9	40	0	0	0	0
	point686	686	1209	40	31	40	9	40	0	0	0	0
	point687	687	1209	40	31	40	9	40	0	0	0	0
	point688	688	1209	40	31	40	9	40	0	0	0	0
	point689	689										
Roadway12-2	point1183	1183	2004	64	18	64	25	64	0	0	0	0
	point349	349	2004	64	18	64	25	64	0	0	0	0
	point348	348	2004	64	18	64	25	64	0	0	0	0
	point347	347	2004	64	18	64	25	64	0	0	0	0
	point346	346	2004	64	18	64	25	64	0	0	0	0
	point345	345	2004	64	18	64	25	64	0	0	0	0
	point344	344	2004	64	18	64	25	64	0	0	0	0
	point343	343	2004	64	18	64	25	64	0	0	0	0
	point342	342	2004	64	18	64	25	64	0	0	0	0
	point341	341	2004	64	18	64	25	64	0	0	0	0
	point340	340	2004	64	18	64	25	64	0	0	0	0
	point339	339	2004	64	18	64	25	64	0	0	0	0
	point338	338	2004	64	18	64	25	64	0	0	0	0
	point337	337	2004	64	18	64	25	64	0	0	0	0
	point336	336	2004	64	18	64	25	64	0	0	0	0

	point335	335	2004	64	18	64	25	64	0	0	0	0
	point334	334	2004	64	18	64	25	64	0	0	0	0
	point333	333	2004	64	18	64	25	64	0	0	0	0
	point332	332	2004	64	18	64	25	64	0	0	0	0
	point331	331	2004	64	18	64	25	64	0	0	0	0
	point330	330	2004	64	18	64	25	64	0	0	0	0
	point329	329	2004	64	18	64	25	64	0	0	0	0
	point328	328	2004	64	18	64	25	64	0	0	0	0
	point327	327	2004	64	18	64	25	64	0	0	0	0
	point326	326	2004	64	18	64	25	64	0	0	0	0
	point325	325	2004	64	18	64	25	64	0	0	0	0
	point324	324	2004	64	18	64	25	64	0	0	0	0
	point323	323	2004	64	18	64	25	64	0	0	0	0
	point322	322	2004	64	18	64	25	64	0	0	0	0
	point321	321	2004	64	18	64	25	64	0	0	0	0
	point320	320	2004	64	18	64	25	64	0	0	0	0
	point319	319	2004	64	18	64	25	64	0	0	0	0
	point318	318	2004	64	18	64	25	64	0	0	0	0
	point317	317	2004	64	18	64	25	64	0	0	0	0
	point316	316	2004	64	18	64	25	64	0	0	0	0
	point315	315	2004	64	18	64	25	64	0	0	0	0
	point314	314	2004	64	18	64	25	64	0	0	0	0
	point313	313	2004	64	18	64	25	64	0	0	0	0
	point312	312	2004	64	18	64	25	64	0	0	0	0
	point311	311	2004	64	18	64	25	64	0	0	0	0
	point310	310	2004	64	18	64	25	64	0	0	0	0
	point309	309	2004	64	18	64	25	64	0	0	0	0
	point308	308	2004	64	18	64	25	64	0	0	0	0
	point306	306	2004	64	18	64	25	64	0	0	0	0
	point304	304	2004	64	18	64	25	64	0	0	0	0
	point303	303	2004	64	18	64	25	64	0	0	0	0
	point301	301	2004	64	18	64	25	64	0	0	0	0
	point300	300	2004	64	18	64	25	64	0	0	0	0
	point299	299										
Roadway143	point1184	1184	239	30	0	0	0	0	0	0	0	0
	point1185	1185	239	30	0	0	0	0	0	0	0	0

	point1186	1186	239	30	0	0	0	0	0	0	0	0
	point1187	1187	239	30	0	0	0	0	0	0	0	0
	point1188	1188	239	30	0	0	0	0	0	0	0	0
	point1189	1189	239	30	0	0	0	0	0	0	0	0
	point1190	1190	239	30	0	0	0	0	0	0	0	0
	point1191	1191	239	30	0	0	0	0	0	0	0	0
	point1192	1192	239	30	0	0	0	0	0	0	0	0
	point1193	1193	239	30	0	0	0	0	0	0	0	0
	point1194	1194										
Roadway144	point1195	1195	239	30	0	0	0	0	0	0	0	0
	point1196	1196	239	30	0	0	0	0	0	0	0	0
	point1197	1197	239	30	0	0	0	0	0	0	0	0
	point1198	1198	239	30	0	0	0	0	0	0	0	0
	point1199	1199	239	30	0	0	0	0	0	0	0	0
	point1200	1200	239	30	0	0	0	0	0	0	0	0
	point1201	1201	239	30	0	0	0	0	0	0	0	0
	point1202	1202	239	30	0	0	0	0	0	0	0	0
	point1203	1203	239	30	0	0	0	0	0	0	0	0
	point1204	1204	239	30	0	0	0	0	0	0	0	0
	point1205	1205										
Roadway145	point1206	1206	170	40	13	40	2	40	0	0	0	0
	point1207	1207	170	40	13	40	2	40	0	0	0	0
	point1208	1208	170	40	13	40	2	40	0	0	0	0
	point1209	1209	170	40	13	40	2	40	0	0	0	0
	point1210	1210	170	40	13	40	2	40	0	0	0	0
	point1211	1211	170	40	13	40	2	40	0	0	0	0
	point1212	1212	170	40	13	40	2	40	0	0	0	0
	point1213	1213	170	40	13	40	2	40	0	0	0	0
	point1214	1214	170	40	13	40	2	40	0	0	0	0
	point1215	1215										
Roadway146	point1216	1216	432	40	33	40	4	40	0	0	0	0
	point1217	1217	432	40	33	40	4	40	0	0	0	0
	point1218	1218	432	40	33	40	4	40	0	0	0	0
	point1219	1219	432	40	33	40	4	40	0	0	0	0
	point1220	1220	432	40	33	40	4	40	0	0	0	0
	point1221	1221	432	40	33	40	4	40	0	0	0	0

	point1222	1222	432	40	33	40	4	40	0	0	0	0
	point1223	1223	432	40	33	40	4	40	0	0	0	0
	point1224	1224										
Roadway129-2	point1225	1225	28	40	2	40	0	0	0	0	0	0
	point1231	1231	28	40	2	40	0	0	0	0	0	0
	point1109	1109	28	40	2	40	0	0	0	0	0	0
	point1110	1110	28	40	2	40	0	0	0	0	0	0
	point1111	1111	28	40	2	40	0	0	0	0	0	0
	point1112	1112	28	40	2	40	0	0	0	0	0	0
	point1113	1113	28	40	2	40	0	0	0	0	0	0
	point1114	1114	28	40	2	40	0	0	0	0	0	0
	point1115	1115	28	40	2	40	0	0	0	0	0	0
	point1116	1116										
Roadway148	point1226	1226	10	40	0	0	0	0	0	0	0	0
	point1240	1240	10	40	0	0	0	0	0	0	0	0
	point1227	1227	10	40	0	0	0	0	0	0	0	0
	point1228	1228	10	40	0	0	0	0	0	0	0	0
	point1229	1229										
Roadway79-2	point1232	1232	208	40	5	40	0	0	0	0	0	0
	point823	823	208	40	5	40	0	0	0	0	0	0
	point822	822	208	40	5	40	0	0	0	0	0	0
	point821	821										
Roadway130-2	point1236	1236	197	40	4	40	1	40	0	0	0	0
	point1118	1118	197	40	4	40	1	40	0	0	0	0
	point1117	1117										
Roadway99	point945	945	592	55	9	55	2	55	0	0	0	0
	point944	944	592	55	9	55	2	55	0	0	0	0
	point943	943	592	55	9	55	2	55	0	0	0	0
	point942	942	592	55	9	55	2	55	0	0	0	0
	point941	941	592	55	9	55	2	55	0	0	0	0
	point939	939	592	55	9	55	2	55	0	0	0	0
	point938	938	592	55	9	55	2	55	0	0	0	0
	point937	937	592	55	9	55	2	55	0	0	0	0
	point936	936	592	55	9	55	2	55	0	0	0	0
	point935	935	592	55	9	55	2	55	0	0	0	0
	point934	934	592	55	9	55	2	55	0	0	0	0

	point933	933	592	55	9	55	2	55	0	0	0	0
	point932	932	592	55	9	55	2	55	0	0	0	0
	point931	931	592	55	9	55	2	55	0	0	0	0
	point930	930	592	55	9	55	2	55	0	0	0	0
	point929	929	592	55	9	55	2	55	0	0	0	0
	point928	928	592	55	9	55	2	55	0	0	0	0
	point927	927	592	55	9	55	2	55	0	0	0	0
	point926	926	592	55	9	55	2	55	0	0	0	0
	point924	924	592	55	9	55	2	55	0	0	0	0
	point923	923	592	55	9	55	2	55	0	0	0	0
	point921	921	592	55	9	55	2	55	0	0	0	0
	point920	920	592	55	9	55	2	55	0	0	0	0
	point918	918	592	55	9	55	2	55	0	0	0	0
	point917	917	592	55	9	55	2	55	0	0	0	0
	point915	915	592	55	9	55	2	55	0	0	0	0
	point913	913										
Roadway114	point1036	1036	902	40	32	40	9	40	0	0	0	0
	point1042	1042	902	40	32	40	9	40	0	0	0	0
	point1043	1043	902	40	32	40	9	40	0	0	0	0
	point1044	1044	902	40	32	40	9	40	0	0	0	0
	point1045	1045										
Roadway68-2	point1243	1243	741	40	20	40	2	40	0	0	0	0
	point751	751	741	40	20	40	2	40	0	0	0	0
	point750	750	741	40	20	40	2	40	0	0	0	0
	point749	749	741	40	20	40	2	40	0	0	0	0
	point748	748	741	40	20	40	2	40	0	0	0	0
	point747	747	741	40	20	40	2	40	0	0	0	0
	point746	746	741	40	20	40	2	40	0	0	0	0
	point745	745	741	40	20	40	2	40	0	0	0	0
	point744	744	741	40	20	40	2	40	0	0	0	0
	point743	743	741	40	20	40	2	40	0	0	0	0
	point742	742	741	40	20	40	2	40	0	0	0	0
	point741	741	741	40	20	40	2	40	0	0	0	0
	point740	740										
Roadway133-2	point1244	1244	70	40	4	40	1	40	0	0	0	0
	point1138	1138	70	40	4	40	1	40	0	0	0	0

	point1137	1137										
Roadway104	point1245	1245	2596	64	27	64	27	64	0	0	0	0
	point298	298	2596	64	27	64	27	64	0	0	0	0
	point297	297	2596	64	27	64	27	64	0	0	0	0
	point296	296	2596	64	27	64	27	64	0	0	0	0
	point295	295	2596	64	27	64	27	64	0	0	0	0
	point294	294	2596	64	27	64	27	64	0	0	0	0
	point293	293	2596	64	27	64	27	64	0	0	0	0
	point292	292	2596	64	27	64	27	64	0	0	0	0
	point291	291	2596	64	27	64	27	64	0	0	0	0
	point290	290	2596	64	27	64	27	64	0	0	0	0
	point289	289	993	64	27	64	27	64	0	0	0	0
	point288	288	2596	64	27	64	27	64	0	0	0	0
	point287	287	2596	64	27	64	27	64	0	0	0	0
	point286	286	2596	64	27	64	27	64	0	0	0	0
	point285	285	2596	64	27	64	27	64	0	0	0	0
	point980	980	2596	64	27	64	27	64	0	0	0	0
	point981	981	2596	64	27	64	27	64	0	0	0	0
	point982	982	2596	64	27	64	27	64	0	0	0	0
	point983	983	2596	64	27	64	27	64	0	0	0	0
	point985	985	2596	64	27	64	27	64	0	0	0	0
	point986	986	2596	64	27	64	27	64	0	0	0	0
	point987	987	2596	64	27	64	27	64	0	0	0	0
	point988	988	2596	64	27	64	27	64	0	0	0	0
	point989	989	2596	64	27	64	27	64	0	0	0	0
	point990	990	2596	64	27	64	27	64	0	0	0	0
	point991	991	2596	64	27	64	27	64	0	0	0	0
	point992	992	2596	64	27	64	27	64	0	0	0	0
	point993	993										

CHA 9 March 2012
EVN TNM 2.5

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: 9546
RUN: Diamond PM 3-4

Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Roadway10	point259	259	3968	57	41	57	41	57	0	0	0	0
	point260	260	3968	57	41	57	41	57	0	0	0	0
	point261	261	3968	57	41	57	41	57	0	0	0	0
	point262	262	3968	57	41	57	41	57	0	0	0	0
	point263	263	3968	57	41	57	41	57	0	0	0	0
	point264	264										
Roadway12	point369	369	5390	57	55	57	55	57	0	0	0	0
	point368	368	5390	57	55	57	55	57	0	0	0	0
	point367	367	5390	57	55	57	55	57	0	0	0	0
	point366	366	5390	57	55	57	55	57	0	0	0	0
	point365	365	5390	57	55	57	55	57	0	0	0	0
	point364	364	5390	57	55	57	55	57	0	0	0	0
	point363	363	5390	57	55	57	55	57	0	0	0	0
	point362	362	5390	57	55	57	55	57	0	0	0	0
	point361	361	5390	57	55	57	55	57	0	0	0	0
	point360	360	5390	57	55	57	55	57	0	0	0	0
	point359	359	5390	57	55	57	55	57	0	0	0	0
	point358	358	5390	57	55	57	55	57	0	0	0	0
	point357	357	5390	57	55	57	55	57	0	0	0	0
	point356	356	5390	57	55	57	55	57	0	0	0	0
	point355	355	5390	57	55	57	55	57	0	0	0	0
	point354	354	5390	57	55	57	55	57	0	0	0	0
	point353	353	5390	57	55	57	55	57	0	0	0	0

	point352	352	5390	57	55	57	55	57	0	0	0	0
	point351	351	5390	57	55	57	55	57	0	0	0	0
	point350	350										
Roadway13	point370	370	2769	57	33	57	35	57	0	0	0	0
	point371	371	2769	57	33	57	35	57	0	0	0	0
	point372	372	2769	57	33	57	35	57	0	0	0	0
	point373	373	2769	57	33	57	35	57	0	0	0	0
	point374	374	2769	57	33	57	35	57	0	0	0	0
	point375	375	2769	57	33	57	35	57	0	0	0	0
	point376	376	2769	57	33	57	35	57	0	0	0	0
	point377	377	2769	57	33	57	35	57	0	0	0	0
	point378	378	2769	57	33	57	35	57	0	0	0	0
	point379	379	2769	57	33	57	35	57	0	0	0	0
	point380	380	2769	57	33	57	35	57	0	0	0	0
	point381	381	2769	57	33	57	35	57	0	0	0	0
	point382	382	2769	57	33	57	35	57	0	0	0	0
	point383	383	2769	57	33	57	35	57	0	0	0	0
	point384	384	2769	57	33	57	35	57	0	0	0	0
	point385	385	2769	57	33	57	35	57	0	0	0	0
	point386	386	2769	57	33	57	35	57	0	0	0	0
	point387	387										
Roadway14	point397	397	1274	55	8	55	4	55	0	0	0	0
	point396	396	1274	55	8	55	4	55	0	0	0	0
	point395	395	1274	55	8	55	4	55	0	0	0	0
	point394	394	1274	55	8	55	4	55	0	0	0	0
	point393	393	1274	55	8	55	4	55	0	0	0	0
	point392	392	1274	55	8	55	4	55	0	0	0	0
	point391	391	1274	55	8	55	4	55	0	0	0	0
	point390	390	1274	55	8	55	4	55	0	0	0	0
	point389	389	1274	55	8	55	4	55	0	0	0	0
	point388	388										
Roadway15	point414	414	948	45	6	45	3	45	0	0	0	0
	point411	411	948	45	6	45	3	45	0	0	0	0
	point409	409	948	45	6	45	3	45	0	0	0	0
	point406	406	948	45	6	45	3	45	0	0	0	0
	point403	403	948	45	6	45	3	45	0	0	0	0

	point400	400	948	45	6	45	3	45	0	0	0	0
	point399	399	948	45	6	45	3	45	0	0	0	0
	point398	398										
Roadway16	point415	415	807	35	5	35	3	35	0	0	0	0
	point417	417	807	35	5	35	3	35	0	0	0	0
	point419	419	807	35	5	35	3	35	0	0	0	0
	point421	421	807	35	5	35	3	35	0	0	0	0
	point424	424	807	35	5	35	3	35	0	0	0	0
	point427	427	807	35	5	35	3	35	0	0	0	0
	point429	429	807	35	5	35	3	35	0	0	0	0
	point431	431	807	35	5	35	3	35	0	0	0	0
	point432	432	807	35	5	35	3	35	0	0	0	0
	point434	434	807	35	5	35	3	35	0	0	0	0
	point436	436	807	35	5	35	3	35	0	0	0	0
	point437	437										
Roadway17	point443	443	807	40	5	40	3	40	0	0	0	0
	point442	442	807	40	5	40	3	40	0	0	0	0
	point441	441	807	40	5	40	3	40	0	0	0	0
	point440	440	807	40	5	40	3	40	0	0	0	0
	point439	439	807	40	5	40	3	40	0	0	0	0
	point438	438										
Roadway18	point444	444	141	40	1	40	0	0	0	0	0	0
	point447	447	141	40	1	40	0	0	0	0	0	0
	point449	449	141	40	1	40	0	0	0	0	0	0
	point450	450	141	40	1	40	0	0	0	0	0	0
	point454	454	141	40	1	40	0	0	0	0	0	0
	point457	457	141	40	1	40	0	0	0	0	0	0
	point459	459	141	40	1	40	0	0	0	0	0	0
	point462	462	141	40	1	40	0	0	0	0	0	0
	point464	464	141	40	1	40	0	0	0	0	0	0
	point467	467	141	40	1	40	0	0	0	0	0	0
	point468	468										
Roadway19	point472	472	141	40	1	40	0	0	0	0	0	0
	point471	471	141	40	1	40	0	0	0	0	0	0
	point470	470	141	40	1	40	0	0	0	0	0	0
	point469	469										

Roadway20	point473	473	379	45	2	45	1	45	0	0	0	0
	point474	474	379	45	2	45	1	45	0	0	0	0
	point475	475	379	45	2	45	1	45	0	0	0	0
	point476	476	379	45	2	45	1	45	0	0	0	0
	point477	477	379	45	2	45	1	45	0	0	0	0
	point478	478	379	45	2	45	1	45	0	0	0	0
	point479	479	379	45	2	45	1	45	0	0	0	0
	point480	480										
Roadway21	point481	481	379	40	2	40	1	40	0	0	0	0
	point482	482	379	40	2	40	1	40	0	0	0	0
	point483	483										
Roadway22	point487	487	895	45	6	45	3	45	0	0	0	0
	point486	486	895	45	6	45	3	45	0	0	0	0
	point485	485	895	45	6	45	3	45	0	0	0	0
	point484	484										
Roadway23	point495	495	895	40	6	40	3	40	0	0	0	0
	point494	494	895	40	6	40	3	40	0	0	0	0
	point493	493	895	40	6	40	3	40	0	0	0	0
	point492	492	895	40	6	40	3	40	0	0	0	0
	point491	491	895	40	6	40	3	40	0	0	0	0
	point490	490	895	40	6	40	3	40	0	0	0	0
	point489	489	895	40	6	40	3	40	0	0	0	0
	point488	488										
Roadway24	point499	499	273	40	2	40	1	40	0	0	0	0
	point498	498	273	40	2	40	1	40	0	0	0	0
	point497	497	273	40	2	40	1	40	0	0	0	0
	point496	496										
Roadway25	point506	506	273	45	2	45	1	45	0	0	0	0
	point505	505	273	45	2	45	1	45	0	0	0	0
	point504	504	273	45	2	45	1	45	0	0	0	0
	point503	503	273	45	2	45	1	45	0	0	0	0
	point502	502	273	45	2	45	1	45	0	0	0	0
	point501	501	273	45	2	45	1	45	0	0	0	0
	point500	500										
Roadway27	point511	511	957	40	6	40	3	40	0	0	0	0
	point510	510	957	40	6	40	3	40	0	0	0	0

	point509	509										
429	point512	512	429	40	3	40	1	40	0	0	0	0
	point513	513										
Roadway29	point516	516	658	40	4	40	2	40	0	0	0	0
	point515	515	658	40	4	40	2	40	0	0	0	0
	point514	514										
Roadway30	point525	525	658	45	4	45	2	45	0	0	0	0
	point524	524	658	45	4	45	2	45	0	0	0	0
	point523	523	658	45	4	45	2	45	0	0	0	0
	point522	522	658	45	4	45	2	45	0	0	0	0
	point521	521	658	45	4	45	2	45	0	0	0	0
	point520	520	658	45	4	45	2	45	0	0	0	0
	point519	519	658	45	4	45	2	45	0	0	0	0
	point518	518	658	45	4	45	2	45	0	0	0	0
	point517	517										
Roadway31	point531	531	1087	40	7	40	3	40	0	0	0	0
	point530	530	1087	40	7	40	3	40	0	0	0	0
	point529	529	1087	40	7	40	3	40	0	0	0	0
	point528	528	1087	40	7	40	3	40	0	0	0	0
	point527	527	1087	40	7	40	3	40	0	0	0	0
	point526	526										
Roadway32	point535	535	655	40	4	40	2	40	0	0	0	0
	point534	534	655	40	4	40	2	40	0	0	0	0
	point533	533	655	40	4	40	2	40	0	0	0	0
	point532	532										
Roadway33	point536	536	655	40	4	40	2	40	0	0	0	0
	point537	537										
Roadway34	point542	542	535	40	3	40	2	40	0	0	0	0
	point541	541	535	40	3	40	2	40	0	0	0	0
	point540	540	535	40	3	40	2	40	0	0	0	0
	point539	539	535	40	3	40	2	40	0	0	0	0
	point538	538										
Roadway35	point553	553	535	45	3	45	2	45	0	0	0	0
	point552	552	535	45	3	45	2	45	0	0	0	0
	point551	551	535	45	3	45	2	45	0	0	0	0
	point550	550	535	45	3	45	2	45	0	0	0	0

	point549	549	535	45	3	45	2	45	0	0	0	0
	point548	548	535	45	3	45	2	45	0	0	0	0
	point547	547	535	45	3	45	2	45	0	0	0	0
	point546	546	535	45	3	45	2	45	0	0	0	0
	point545	545	535	45	3	45	2	45	0	0	0	0
	point544	544	535	45	3	45	2	45	0	0	0	0
	point543	543										
Roadway36	point564	564	518	45	3	45	2	45	0	0	0	0
	point563	563	518	45	3	45	2	45	0	0	0	0
	point562	562	518	45	3	45	2	45	0	0	0	0
	point561	561	518	45	3	45	2	45	0	0	0	0
	point560	560	518	45	3	45	2	45	0	0	0	0
	point559	559	518	45	3	45	2	45	0	0	0	0
	point558	558	518	45	3	45	2	45	0	0	0	0
	point557	557	518	45	3	45	2	45	0	0	0	0
	point556	556	518	45	3	45	2	45	0	0	0	0
	point555	555	518	45	3	45	2	45	0	0	0	0
	point554	554										
Roadway37	point568	568	518	40	3	40	2	40	0	0	0	0
	point567	567	518	40	3	40	2	40	0	0	0	0
	point566	566	518	40	3	40	2	40	0	0	0	0
	point565	565										
Roadway38	point572	572	393	40	3	40	1	40	0	0	0	0
	point571	571	393	40	3	40	1	40	0	0	0	0
	point570	570	393	40	3	40	1	40	0	0	0	0
	point569	569										
Roadway39	point577	577	393	40	3	40	1	40	0	0	0	0
	point576	576	393	40	3	40	1	40	0	0	0	0
	point575	575	393	40	3	40	1	40	0	0	0	0
	point574	574	393	40	3	40	1	40	0	0	0	0
	point573	573										
Roadway40	point582	582	797	40	4	40	2	40	0	0	0	0
	point581	581	797	40	4	40	2	40	0	0	0	0
	point580	580	797	40	4	40	2	40	0	0	0	0
	point579	579	797	40	4	40	2	40	0	0	0	0
	point578	578										

Roadway41	point595	595	1433	40	9	40	4	40	0	0	0	0
	point594	594	1433	40	9	40	4	40	0	0	0	0
	point593	593	1433	40	9	40	4	40	0	0	0	0
	point592	592	1433	40	9	40	4	40	0	0	0	0
	point591	591	1433	40	9	40	4	40	0	0	0	0
	point590	590	1433	40	9	40	4	40	0	0	0	0
	point589	589	1433	40	9	40	4	40	0	0	0	0
	point588	588	1433	40	9	40	4	40	0	0	0	0
	point587	587	1433	40	9	40	4	40	0	0	0	0
	point586	586	1433	40	9	40	4	40	0	0	0	0
	point585	585	1433	40	9	40	4	40	0	0	0	0
	point584	584	1433	40	9	40	4	40	0	0	0	0
	point583	583										
Roadway42	point609	609	1289	40	8	40	4	40	0	0	0	0
	point608	608	1289	40	8	40	4	40	0	0	0	0
	point607	607	1289	40	8	40	4	40	0	0	0	0
	point606	606	1289	40	8	40	4	40	0	0	0	0
	point605	605	1289	40	8	40	4	40	0	0	0	0
	point604	604	1289	40	8	40	4	40	0	0	0	0
	point603	603	1289	40	8	40	4	40	0	0	0	0
	point602	602	1289	40	8	40	4	40	0	0	0	0
	point601	601	1289	40	8	40	4	40	0	0	0	0
	point600	600	1289	40	8	40	4	40	0	0	0	0
	point599	599	1289	40	8	40	4	40	0	0	0	0
	point598	598	1289	40	8	40	4	40	0	0	0	0
	point597	597	1289	40	8	40	4	40	0	0	0	0
	point596	596										
Roadway43	point610	610	1349	40	8	40	4	40	0	0	0	0
	point611	611	1349	40	8	40	4	40	0	0	0	0
	point612	612										
Roadway44	point615	615	84	40	1	40	0	0	0	0	0	0
	point614	614	84	40	1	40	0	0	0	0	0	0
	point613	613										
Roadway45	point619	619	109	40	1	40	0	0	0	0	0	0
	point1237	1237	109	40	1	40	0	0	0	0	0	0
	point618	618	109	40	1	40	0	0	0	0	0	0

	point617	617	109	40	1	40	0	0	0	0	0	0
	point616	616										
Roadway46	point624	624	1187	40	7	40	4	40	0	0	0	0
	point623	623	1187	40	7	40	4	40	0	0	0	0
	point622	622	1187	40	7	40	4	40	0	0	0	0
	point621	621	1187	40	7	40	4	40	0	0	0	0
	point620	620										
Roadway47	point628	628	109	40	1	40	0	0	0	0	0	0
	point627	627	109	40	1	40	0	0	0	0	0	0
	point626	626	109	40	1	40	0	0	0	0	0	0
	point625	625										
Roadway48	point633	633	84	40	1	40	0	0	0	0	0	0
	point1238	1238	84	40	1	40	0	0	0	0	0	0
	point630	630	84	40	1	40	0	0	0	0	0	0
	point629	629										
Roadway49	point634	634	1187	40	7	40	4	40	0	0	0	0
	point635	635	1187	40	7	40	4	40	0	0	0	0
	point636	636	1187	40	7	40	4	40	0	0	0	0
	point637	637	1187	40	7	40	4	40	0	0	0	0
	point638	638										
Roadway50	point639	639	796	40	12	40	1	40	0	0	0	0
	point640	640	796	40	12	40	1	40	0	0	0	0
	point641	641	796	40	12	40	1	40	0	0	0	0
	point642	642	796	40	12	40	1	40	0	0	0	0
	point643	643	796	40	12	40	1	40	0	0	0	0
	point644	644	796	40	12	40	1	40	0	0	0	0
	point645	645										
Roadway51	point649	649	796	40	12	40	1	40	0	0	0	0
	point1160	1160	796	40	12	40	1	40	0	0	0	0
	point648	648	796	40	12	40	1	40	0	0	0	0
	point1162	1162	796	40	12	40	1	40	0	0	0	0
	point1163	1163	796	40	12	40	1	40	0	0	0	0
	point647	647	796	40	12	40	1	40	0	0	0	0
	point646	646										
Roadway52	point655	655	900	40	13	40	1	40	0	0	0	0
	point654	654	900	40	13	40	1	40	0	0	0	0

	point653	653	900	40	13	40	1	40	0	0	0	0
	point652	652	900	40	13	40	1	40	0	0	0	0
	point651	651	900	40	13	40	1	40	0	0	0	0
	point650	650										
Roadway53	point661	661	1349	40	8	40	4	40	0	0	0	0
	point660	660	1349	40	8	40	4	40	0	0	0	0
	point659	659	1349	40	8	40	4	40	0	0	0	0
	point658	658	1349	40	8	40	4	40	0	0	0	0
	point657	657	1349	40	8	40	4	40	0	0	0	0
	point656	656										
Roadway54	point665	665	696	40	11	40	1	40	0	0	0	0
	point664	664	696	40	11	40	1	40	0	0	0	0
	point663	663	696	40	11	40	1	40	0	0	0	0
	point662	662										
Roadway55	point669	669	696	40	11	40	1	40	0	0	0	0
	point668	668	696	40	11	40	1	40	0	0	0	0
	point667	667	696	40	11	40	1	40	0	0	0	0
	point666	666										
Roadway56	point670	670	805	40	12	40	1	40	0	0	0	0
	point671	671	805	40	12	40	1	40	0	0	0	0
	point672	672	805	40	12	40	1	40	0	0	0	0
	point673	673										
Roadway59	point697	697	690	40	10	40	5	40	0	0	0	0
	point696	696	690	40	10	40	5	40	0	0	0	0
	point695	695	690	40	10	40	5	40	0	0	0	0
	point694	694	690	40	10	40	5	40	0	0	0	0
	point693	693	690	40	10	40	5	40	0	0	0	0
	point692	692	690	40	10	40	5	40	0	0	0	0
	point691	691	690	40	10	40	5	40	0	0	0	0
	point690	690										
Roadway60	point698	698	673	40	10	40	1	40	0	0	0	0
	point699	699	673	40	10	40	1	40	0	0	0	0
	point700	700										
Roadway61	point711	711	147	40	3	40	1	40	0	0	0	0
	point710	710	147	40	4	40	1	40	0	0	0	0
	point709	709	147	40	3	40	1	40	0	0	0	0

	point708	708	147	40	3	40	1	40	0	0	0	0
	point707	707	147	40	3	40	1	40	0	0	0	0
	point706	706	147	40	3	40	1	40	0	0	0	0
	point705	705	147	40	3	40	1	40	0	0	0	0
	point704	704	147	40	3	40	1	40	0	0	0	0
	point703	703	147	40	3	40	1	40	0	0	0	0
	point702	702	147	40	3	40	1	40	0	0	0	0
	point701	701										
Roadway64	point727	727	937	40	14	40	7	40	0	0	0	0
	point728	728										
Roadway65	point729	729	1152	40	6	40	1	40	0	0	0	0
	point730	730	1152	40	6	40	1	40	0	0	0	0
	point731	731	1152	40	6	40	1	40	0	0	0	0
	point732	732										
Roadway66	point734	734	710	40	4	40	1	40	0	0	0	0
	point733	733										
Roadway67	point735	735	442	40	2	40	0	0	0	0	0	0
	point736	736	442	40	2	40	0	0	0	0	0	0
	point737	737	442	40	2	40	0	0	0	0	0	0
	point738	738	442	40	2	40	0	0	0	0	0	0
	point739	739										
Roadway68	point757	757	710	40	4	40	1	40	0	0	0	0
	point756	756	710	40	4	40	1	40	0	0	0	0
	point755	755	710	40	4	40	1	40	0	0	0	0
	point754	754	710	40	4	40	1	40	0	0	0	0
	point753	753	710	40	4	40	1	40	0	0	0	0
	point752	752	710	40	4	40	1	40	0	0	0	0
	point751	751	710	40	4	40	1	40	0	0	0	0
	point750	750	710	40	4	40	1	40	0	0	0	0
	point749	749	710	40	4	40	1	40	0	0	0	0
	point748	748	710	40	4	40	1	40	0	0	0	0
	point747	747	710	40	4	40	1	40	0	0	0	0
	point746	746	710	40	4	40	1	40	0	0	0	0
	point745	745	710	40	4	40	1	40	0	0	0	0
	point744	744	710	40	4	40	1	40	0	0	0	0
	point743	743	710	40	4	40	1	40	0	0	0	0

	point742	742	710	40	4	40	1	40	0	0	0	0
	point741	741	710	40	4	40	1	40	0	0	0	0
	point740	740										
Roadway69	point766	766	856	40	3	40	1	40	0	0	0	0
	point765	765	856	40	3	40	1	40	0	0	0	0
	point764	764	856	40	3	40	1	40	0	0	0	0
	point763	763	856	40	3	40	1	40	0	0	0	0
	point762	762	856	40	3	40	1	40	0	0	0	0
	point761	761	856	40	3	40	1	40	0	0	0	0
	point760	760	856	40	3	40	1	40	0	0	0	0
	point759	759	856	40	3	40	1	40	0	0	0	0
	point758	758										
Roadway70	point771	771	557	40	2	40	1	40	0	0	0	0
	point770	770	557	40	2	40	1	40	0	0	0	0
	point769	769	557	40	2	40	1	40	0	0	0	0
	point768	768	557	40	2	40	1	40	0	0	0	0
	point767	767										
Roadway71	point772	772	299	40	1	40	0	0	0	0	0	0
	point773	773	299	40	1	40	0	0	0	0	0	0
	point774	774	299	40	1	40	0	0	0	0	0	0
	point775	775	299	40	1	40	0	0	0	0	0	0
	point776	776										
Roadway72	point781	781	557	40	2	40	1	40	0	0	0	0
	point780	780	557	40	2	40	1	40	0	0	0	0
	point779	779	557	40	2	40	1	40	0	0	0	0
	point778	778	557	40	2	40	1	40	0	0	0	0
	point777	777										
Roadway73	point786	786	299	40	1	40	0	0	0	0	0	0
	point785	785	299	40	1	40	0	0	0	0	0	0
	point784	784	299	40	1	40	0	0	0	0	0	0
	point783	783	299	40	1	40	0	0	0	0	0	0
	point782	782										
Roadway74	point791	791	396	40	1	40	1	40	0	0	0	0
	point790	790	396	40	1	40	1	40	0	0	0	0
	point789	789	396	40	1	40	1	40	0	0	0	0
	point788	788	396	40	1	40	1	40	0	0	0	0

	point787	787										
Roadway75	point796	796	396	40	1	40	1	40	0	0	0	0
	point795	795	396	40	1	40	1	40	0	0	0	0
	point794	794	396	40	1	40	1	40	0	0	0	0
	point793	793	396	40	1	40	1	40	0	0	0	0
	point792	792										
Roadway76	point797	797	354	40	1	40	1	40	0	0	0	0
	point798	798	354	40	1	40	1	40	0	0	0	0
	point799	799										
Roadway77	point800	800	736	40	7	40	1	40	0	0	0	0
	point801	801	736	40	7	40	1	40	0	0	0	0
	point802	802	736	40	7	40	1	40	0	0	0	0
	point803	803	736	40	7	40	1	40	0	0	0	0
	point804	804	736	40	7	40	1	40	0	0	0	0
	point805	805	736	40	7	40	1	40	0	0	0	0
	point806	806	736	40	7	40	1	40	0	0	0	0
	point807	807	736	40	7	40	1	40	0	0	0	0
	point808	808	736	40	7	40	1	40	0	0	0	0
	point809	809	736	40	7	40	1	40	0	0	0	0
	point810	810										
Roadway78	point811	811	750	40	2	40	2	40	0	0	0	0
	point812	812	750	40	2	40	2	40	0	0	0	0
	point813	813	750	40	2	40	2	40	0	0	0	0
	point814	814	750	40	2	40	2	40	0	0	0	0
	point815	815	750	40	2	40	2	40	0	0	0	0
	point816	816	750	40	2	40	2	40	0	0	0	0
	point817	817	750	40	2	40	2	40	0	0	0	0
	point818	818	750	40	2	40	2	40	0	0	0	0
	point819	819	750	40	2	40	2	40	0	0	0	0
	point820	820										
Roadway79	point828	828	364	40	3	40	0	0	0	0	0	0
	point827	827	364	40	3	40	0	0	0	0	0	0
	point826	826	364	40	3	40	0	0	0	0	0	0
	point825	825	364	40	3	40	0	0	0	0	0	0
	point824	824										
Roadway80	point829	829	540	40	5	40	1	40	0	0	0	0

	point830	830	540	40	5	40	1	40	0	0	0	0
	point831	831										
Roadway81	point835	835	6	40	0	0	0	0	0	0	0	0
	point834	834	6	40	0	0	0	0	0	0	0	0
	point833	833	6	40	0	0	0	0	0	0	0	0
	point832	832										
Roadway83	point844	844	266	40	1	40	0	0	0	0	0	0
	point843	843	266	40	1	40	0	0	0	0	0	0
	point842	842	266	40	1	40	0	0	0	0	0	0
	point841	841	266	40	1	40	0	0	0	0	0	0
	point840	840	266	40	1	40	0	0	0	0	0	0
	point839	839										
Roadway84	point847	847	332	40	2	40	1	40	0	0	0	0
	point846	846	332	40	2	40	1	40	0	0	0	0
	point845	845										
Roadway85	point857	857	332	40	2	40	1	40	0	0	0	0
	point1241	1241	332	40	2	40	1	40	0	0	0	0
	point855	855	332	40	2	40	1	40	0	0	0	0
	point1242	1242	332	40	2	40	1	40	0	0	0	0
	point853	853	332	40	2	40	1	40	0	0	0	0
	point852	852	332	40	2	40	1	40	0	0	0	0
	point851	851	332	40	2	40	1	40	0	0	0	0
	point850	850	332	40	2	40	1	40	0	0	0	0
	point849	849										
Roadway86	point858	858	68	40	0	0	0	0	0	0	0	0
	point859	859	68	40	0	0	0	0	0	0	0	0
	point860	860	68	40	0	0	0	0	0	0	0	0
	point861	861										
Roadway87	point864	864	397	40	2	40	1	40	0	0	0	0
	point863	863	397	40	2	40	1	40	0	0	0	0
	point862	862										
Roadway88	point868	868	397	40	2	40	1	40	0	0	0	0
	point867	867	397	40	2	40	1	40	0	0	0	0
	point866	866	397	40	2	40	1	40	0	0	0	0
	point865	865										
Roadway89	point869	869	1275	40	12	40	0	0	0	0	0	0

	point870	870	1275	40	12	40	0	0	0	0	0	0
	point871	871	1275	40	12	40	0	0	0	0	0	0
	point872	872	1275	40	12	40	0	0	0	0	0	0
	point874	874										
Roadway90	point880	880	460	40	4	40	0	0	0	0	0	0
	point879	879	460	40	4	40	0	0	0	0	0	0
	point878	878	460	40	4	40	0	0	0	0	0	0
	point877	877	460	40	4	40	0	0	0	0	0	0
	point876	876	460	40	4	40	0	0	0	0	0	0
	point875	875										
Roadway91	point881	881	646	40	6	40	0	0	0	0	0	0
	point882	882	646	40	6	40	0	0	0	0	0	0
	point883	883	646	40	6	40	0	0	0	0	0	0
	point884	884	646	40	6	40	0	0	0	0	0	0
	point885	885	646	40	6	40	0	0	0	0	0	0
	point886	886										
Roadway92	point891	891	169	40	2	40	0	0	0	0	0	0
	point890	890	169	40	2	40	0	0	0	0	0	0
	point889	889	169	40	2	40	0	0	0	0	0	0
	point888	888	169	40	2	40	0	0	0	0	0	0
	point887	887										
Roadway94	point899	899	540	40	5	40	1	40	0	0	0	0
	point900	900	540	40	5	40	1	40	0	0	0	0
	point901	901	540	40	5	40	1	40	0	0	0	0
	point902	902	540	40	5	40	1	40	0	0	0	0
	point903	903										
Roadway97	point912	912	169	40	2	40	0	0	0	0	0	0
	point911	911	169	40	2	40	0	0	0	0	0	0
	point910	910										
Roadway100	point946	946	3822	63	39	63	39	63	0	0	0	0
	point947	947	3822	63	39	63	39	63	0	0	0	0
	point948	948	3822	63	39	63	39	63	0	0	0	0
	point949	949	3822	63	39	63	39	63	0	0	0	0
	point950	950	3822	63	39	63	39	63	0	0	0	0
	point951	951	3822	63	39	63	39	63	0	0	0	0
	point952	952	3822	63	39	63	39	63	0	0	0	0

	point953	953										
Roadway101	point963	963	3822	63	39	63	39	63	0	0	0	0
	point962	962	3822	63	39	63	39	63	0	0	0	0
	point961	961	3822	63	39	63	39	63	0	0	0	0
	point960	960	3822	63	39	63	39	63	0	0	0	0
	point959	959	3822	63	39	63	39	63	0	0	0	0
	point958	958	3822	63	39	63	39	63	0	0	0	0
	point957	957	3822	63	39	63	39	63	0	0	0	0
	point956	956	3822	63	39	63	39	63	0	0	0	0
	point955	955	3822	63	39	63	39	63	0	0	0	0
	point954	954										
Roadway102	point972	972	3130	63	30	63	34	63	0	0	0	0
	point971	971	3130	63	30	63	34	63	0	0	0	0
	point970	970	3130	63	30	63	34	63	0	0	0	0
	point969	969	3130	63	30	63	34	63	0	0	0	0
	point968	968	3130	63	30	63	34	63	0	0	0	0
	point967	967	3130	63	30	63	34	63	0	0	0	0
	point966	966	3130	63	30	63	34	63	0	0	0	0
	point965	965	3130	63	30	63	34	63	0	0	0	0
	point964	964										
Roadway103	point979	979	692	63	9	63	5	63	0	0	0	0
	point978	978	692	63	9	63	5	63	0	0	0	0
	point977	977	692	63	9	63	5	63	0	0	0	0
	point976	976	692	63	9	63	5	63	0	0	0	0
	point975	975	692	63	9	63	5	63	0	0	0	0
	point974	974	692	63	9	63	5	63	0	0	0	0
	point973	973										
Roadway104	point980	980	5100	61	52	61	52	61	0	0	0	0
	point981	981	5100	61	52	61	52	61	0	0	0	0
	point982	982	5100	61	52	61	52	61	0	0	0	0
	point983	983	5100	61	52	61	52	61	0	0	0	0
	point984	984										
Roadway105	point985	985	5100	61	52	61	52	61	0	0	0	0
	point986	986	5100	61	52	61	52	61	0	0	0	0
	point987	987	5100	61	52	61	52	61	0	0	0	0
	point988	988	5100	61	52	61	52	61	0	0	0	0

	point989	989	5100	61	52	61	52	61	0	0	0	0
	point990	990	5100	61	52	61	52	61	0	0	0	0
	point991	991	5100	61	52	61	52	61	0	0	0	0
	point992	992	5100	61	52	61	52	61	0	0	0	0
	point993	993										
Roadway106	point998	998	334	55	7	55	3	55	0	0	0	0
	point997	997	334	55	7	55	3	55	0	0	0	0
	point996	996	334	55	7	55	3	55	0	0	0	0
	point995	995	334	55	7	55	3	55	0	0	0	0
	point994	994										
Roadway107	point1002	1002	348	55	2	55	2	55	0	0	0	0
	point1001	1001	348	55	2	55	2	55	0	0	0	0
	point1000	1000	348	55	2	55	2	55	0	0	0	0
	point999	999										
Roadway108	point1003	1003	645	40	5	40	3	40	0	0	0	0
	point1004	1004	645	40	5	40	3	40	0	0	0	0
	point1005	1005	645	40	5	40	3	40	0	0	0	0
	point1006	1006										
Roadway109	point1010	1010	300	40	6	40	3	40	0	0	0	0
	point1009	1009	300	40	6	40	3	40	0	0	0	0
	point1008	1008	300	40	6	40	3	40	0	0	0	0
	point1007	1007										
Roadway110	point1015	1015	300	40	6	40	3	40	0	0	0	0
	point1014	1014	300	40	6	40	3	40	0	0	0	0
	point1013	1013	300	40	6	40	3	40	0	0	0	0
	point1012	1012	300	40	6	40	3	40	0	0	0	0
	point1011	1011										
Roadway111	point1022	1022	413	40	10	40	6	40	0	0	0	0
	point1021	1021	413	40	10	40	6	40	0	0	0	0
	point1020	1020	413	40	10	40	6	40	0	0	0	0
	point1019	1019	413	40	10	40	6	40	0	0	0	0
	point1018	1018	413	40	10	40	6	40	0	0	0	0
	point1017	1017	413	40	10	40	6	40	0	0	0	0
	point1016	1016										
Roadway112	point1031	1031	583	45	14	45	8	45	0	0	0	0
	point1030	1030	583	45	14	45	8	45	0	0	0	0

	point1029	1029	583	45	14	45	8	45	0	0	0	0
	point1028	1028	583	45	14	45	8	45	0	0	0	0
	point1027	1027	583	45	14	45	8	45	0	0	0	0
	point1026	1026	583	45	14	45	8	45	0	0	0	0
	point1025	1025	583	45	14	45	8	45	0	0	0	0
	point1024	1024	583	45	14	45	8	45	0	0	0	0
	point1023	1023										
Roadway113	point1032	1032	645	40	5	40	3	40	0	0	0	0
	point1033	1033	645	40	5	40	3	40	0	0	0	0
	point1034	1034										
Roadway115	point1041	1041	334	40	7	40	3	40	0	0	0	0
	point1040	1040	334	40	7	40	3	40	0	0	0	0
	point1039	1039	334	40	7	40	3	40	0	0	0	0
	point1038	1038	334	40	7	40	3	40	0	0	0	0
	point1037	1037										
Roadway117	point1050	1050	508	55	8	55	5	55	0	0	0	0
	point1049	1049	508	55	8	55	5	55	0	0	0	0
	point1048	1048	508	55	8	55	5	55	0	0	0	0
	point1047	1047	508	55	8	55	5	55	0	0	0	0
	point1046	1046										
Roadway118	point1055	1055	515	40	8	40	5	40	0	0	0	0
	point1054	1054	515	40	8	40	5	40	0	0	0	0
	point1053	1053	515	40	8	40	5	40	0	0	0	0
	point1052	1052	515	40	8	40	5	40	0	0	0	0
	point1051	1051										
Roadway119	point1058	1058	197	55	3	55	2	55	0	0	0	0
	point1057	1057	197	55	3	55	2	55	0	0	0	0
	point1056	1056										
Roadway120	point1063	1063	957	40	6	40	3	40	0	0	0	0
	point1062	1062	957	40	6	40	3	40	0	0	0	0
	point1061	1061	957	40	6	40	3	40	0	0	0	0
	point1060	1060	957	40	6	40	3	40	0	0	0	0
	point1059	1059										
Roadway121	point1067	1067	429	40	3	40	1	40	0	0	0	0
	point1066	1066	429	40	3	40	1	40	0	0	0	0
	point1065	1065	429	40	3	40	1	40	0	0	0	0

	point1064	1064										
Roadway93	point892	892	1081	40	7	40	2	40	0	0	0	0
	point893	893	1081	40	7	40	2	40	0	0	0	0
	point894	894	1081	40	7	40	2	40	0	0	0	0
	point895	895	1081	40	7	40	2	40	0	0	0	0
	point896	896	1081	40	7	40	2	40	0	0	0	0
	point897	897	1081	40	7	40	2	40	0	0	0	0
	point906	906	1081	40	7	40	2	40	0	0	0	0
	point904	904	1081	40	7	40	2	40	0	0	0	0
	point905	905										
Roadway124	point1068	1068	227	40	3	40	0	0	0	0	0	0
	point1069	1069	227	40	3	40	0	0	0	0	0	0
	point1070	1070	227	40	3	40	0	0	0	0	0	0
	point1071	1071	227	40	3	40	0	0	0	0	0	0
	point1072	1072	227	40	3	40	0	0	0	0	0	0
	point1073	1073	227	40	3	40	0	0	0	0	0	0
	point1074	1074	227	40	3	40	0	0	0	0	0	0
	point1075	1075	227	40	3	40	0	0	0	0	0	0
	point1076	1076	227	40	3	40	0	0	0	0	0	0
	point1077	1077	227	40	3	40	0	0	0	0	0	0
	point1078	1078	227	40	3	40	0	0	0	0	0	0
	point1079	1079										
Roadway126	point1087	1087	463	40	8	40	4	40	0	0	0	0
	point1086	1086	463	40	8	40	4	40	0	0	0	0
	point1085	1085	463	40	8	40	4	40	0	0	0	0
	point1084	1084	463	40	8	40	4	40	0	0	0	0
	point1083	1083	463	40	8	40	4	40	0	0	0	0
	point1082	1082										
Roadway127	point1088	1088	227	40	3	40	0	0	0	0	0	0
	point1089	1089	227	40	3	40	0	0	0	0	0	0
	point1090	1090										
Roadway128	point1091	1091	408	45	7	45	4	45	0	0	0	0
	point1092	1092	408	45	7	45	4	45	0	0	0	0
	point1093	1093	408	45	7	45	4	45	0	0	0	0
	point1094	1094	408	45	7	45	4	45	0	0	0	0
	point1095	1095	408	45	7	45	4	45	0	0	0	0

	point1096	1096	408	45	7	45	4	45	0	0	0	0
	point1097	1097	408	45	7	45	4	45	0	0	0	0
	point1098	1098	408	45	7	45	4	45	0	0	0	0
	point1099	1099	408	45	7	45	4	45	0	0	0	0
	point1100	1100										
Roadway129	point1101	1101	144	40	0	0	0	0	0	0	0	0
	point1102	1102	144	40	0	0	0	0	0	0	0	0
	point1103	1103	144	40	0	0	0	0	0	0	0	0
	point1104	1104	144	40	0	0	0	0	0	0	0	0
	point1105	1105	144	40	0	0	0	0	0	0	0	0
	point1106	1106	144	40	0	0	0	0	0	0	0	0
	point1107	1107	144	40	0	0	0	0	0	0	0	0
	point1108	1108										
Roadway130	point1124	1124	68	40	0	0	0	0	0	0	0	0
	point1123	1123	68	40	0	0	0	0	0	0	0	0
	point1122	1122	68	40	0	0	0	0	0	0	0	0
	point1121	1121	68	40	0	0	0	0	0	0	0	0
	point1120	1120	68	40	0	0	0	0	0	0	0	0
	point1119	1119										
Roadway131	point1125	1125	646	40	6	40	0	0	0	0	0	0
	point1126	1126	646	40	6	40	0	0	0	0	0	0
	point1127	1127	646	40	6	40	0	0	0	0	0	0
	point1128	1128	646	40	6	40	0	0	0	0	0	0
	point1129	1129	646	40	6	40	0	0	0	0	0	0
	point1130	1130	646	40	6	40	0	0	0	0	0	0
	point1131	1131										
Roadway132	point1136	1136	460	40	4	40	0	0	0	0	0	0
	point1135	1135	460	40	4	40	0	0	0	0	0	0
	point1134	1134	460	40	4	40	0	0	0	0	0	0
	point1239	1239	460	40	4	40	0	0	0	0	0	0
	point1133	1133	460	40	4	40	0	0	0	0	0	0
	point1132	1132										
Roadway133	point1140	1140	266	40	1	40	0	0	0	0	0	0
	point1139	1139	266	40	1	40	0	0	0	0	0	0
	point1138	1138	266	40	1	40	0	0	0	0	0	0
	point1137	1137										

Roadway134	point1141	1141	673	40	10	40	1	40	0	0	0	0
	point1142	1142	673	40	10	40	1	40	0	0	0	0
	point1143	1143	673	40	10	40	1	40	0	0	0	0
	point1144	1144	673	40	10	40	1	40	0	0	0	0
	point1145	1145										
Roadway135	point1149	1149	354	40	1	40	1	40	0	0	0	0
	point1148	1148	354	40	1	40	1	40	0	0	0	0
	point1147	1147	354	40	1	40	1	40	0	0	0	0
	point1146	1146										
Roadway136	point1150	1150	247	40	4	40	2	40	0	0	0	0
	point1151	1151	247	40	4	40	2	40	0	0	0	0
	point1152	1152	247	40	4	40	2	40	0	0	0	0
	point1153	1153	247	40	4	40	2	40	0	0	0	0
	point1154	1154	247	40	4	40	2	40	0	0	0	0
	point1155	1155	247	40	4	40	2	40	0	0	0	0
	point1156	1156	247	40	4	40	2	40	0	0	0	0
	point1157	1157	247	40	4	40	2	40	0	0	0	0
	point1158	1158	247	40	4	40	2	40	0	0	0	0
	point1159	1159										
Roadway57	point682	682	2045	40	19	40	5	40	0	0	0	0
	point681	681	2045	40	19	40	5	40	0	0	0	0
	point680	680	2045	40	19	40	5	40	0	0	0	0
	point679	679	2045	40	19	40	5	40	0	0	0	0
	point678	678	2045	40	19	40	5	40	0	0	0	0
	point677	677	2045	40	19	40	5	40	0	0	0	0
	point676	676	2045	40	19	40	5	40	0	0	0	0
	point675	675	2045	40	19	40	5	40	0	0	0	0
	point1182	1182	2045	40	19	40	5	40	0	0	0	0
	point1167	1167	2045	40	19	40	5	40	0	0	0	0
	point1168	1168	2045	40	19	40	5	40	0	0	0	0
	point1169	1169	2045	40	19	40	5	40	0	0	0	0
	point1170	1170	2045	40	19	40	5	40	0	0	0	0
	point1171	1171	2045	40	19	40	5	40	0	0	0	0
	point1172	1172	2045	40	19	40	5	40	0	0	0	0
	point1173	1173										
Roadway58	point1174	1174	1983	40	19	40	5	40	0	0	0	0

	point1175	1175	1983	40	19	40	5	40	0	0	0	0
	point1176	1176	1983	40	19	40	5	40	0	0	0	0
	point1177	1177	1983	40	19	40	5	40	0	0	0	0
	point1178	1178	1983	40	19	40	5	40	0	0	0	0
	point1179	1179	1983	40	19	40	5	40	0	0	0	0
	point1180	1180	1983	40	19	40	5	40	0	0	0	0
	point1181	1181	1983	40	19	40	5	40	0	0	0	0
	point684	684	1983	40	19	40	5	40	0	0	0	0
	point685	685	1983	40	19	40	5	40	0	0	0	0
	point686	686	1983	40	19	40	5	40	0	0	0	0
	point687	687	1983	40	19	40	5	40	0	0	0	0
	point688	688	1983	40	19	40	5	40	0	0	0	0
	point689	689										
Roadway12-2	point1183	1183	4442	61	49	61	52	61	0	0	0	0
	point349	349	4442	61	49	61	52	61	0	0	0	0
	point348	348	4442	61	49	61	52	61	0	0	0	0
	point347	347	4442	61	49	61	52	61	0	0	0	0
	point346	346	4442	61	49	61	52	61	0	0	0	0
	point345	345	4442	61	49	61	52	61	0	0	0	0
	point344	344	4442	61	49	61	52	61	0	0	0	0
	point343	343	4442	61	49	61	52	61	0	0	0	0
	point342	342	4442	61	49	61	52	61	0	0	0	0
	point341	341	4442	61	49	61	52	61	0	0	0	0
	point340	340	4442	61	49	61	52	61	0	0	0	0
	point339	339	4442	61	49	61	52	61	0	0	0	0
	point338	338	4442	61	49	61	52	61	0	0	0	0
	point337	337	4442	61	49	61	52	61	0	0	0	0
	point336	336	4442	61	49	61	52	61	0	0	0	0
	point335	335	4442	61	49	61	52	61	0	0	0	0
	point334	334	4442	61	49	61	52	61	0	0	0	0
	point333	333	4442	61	49	61	52	61	0	0	0	0
	point332	332	4442	61	49	61	52	61	0	0	0	0
	point331	331	4442	61	49	61	52	61	0	0	0	0
	point330	330	4442	61	49	61	52	61	0	0	0	0
	point329	329	4442	61	49	61	52	61	0	0	0	0
	point328	328	4442	61	49	61	52	61	0	0	0	0

	point327	327	4442	61	49	61	52	61	0	0	0	0
	point326	326	4442	61	49	61	52	61	0	0	0	0
	point325	325	4442	61	49	61	52	61	0	0	0	0
	point324	324	4442	61	49	61	52	61	0	0	0	0
	point323	323	4442	61	49	61	52	61	0	0	0	0
	point322	322	4442	61	49	61	52	61	0	0	0	0
	point321	321	4442	61	49	61	52	61	0	0	0	0
	point320	320	4442	61	49	61	52	61	0	0	0	0
	point319	319	4442	61	49	61	52	61	0	0	0	0
	point318	318	4442	61	49	61	52	61	0	0	0	0
	point317	317	4442	61	49	61	52	61	0	0	0	0
	point316	316	4442	61	49	61	52	61	0	0	0	0
	point315	315	4442	61	49	61	52	61	0	0	0	0
	point314	314	4442	61	49	61	52	61	0	0	0	0
	point313	313	4442	61	49	61	52	61	0	0	0	0
	point312	312	4442	61	49	61	52	61	0	0	0	0
	point311	311	4442	61	49	61	52	61	0	0	0	0
	point310	310	4442	61	49	61	52	61	0	0	0	0
	point309	309	4442	61	49	61	52	61	0	0	0	0
	point308	308	4442	61	49	61	52	61	0	0	0	0
	point306	306	4442	61	49	61	52	61	0	0	0	0
	point304	304	4442	61	49	61	52	61	0	0	0	0
	point303	303	4442	61	49	61	52	61	0	0	0	0
	point301	301	4442	61	49	61	52	61	0	0	0	0
	point300	300	4442	61	49	61	52	61	0	0	0	0
	point299	299										
Roadway143	point1184	1184	363	30	0	0	0	0	0	0	0	0
	point1185	1185	363	30	0	0	0	0	0	0	0	0
	point1186	1186	363	30	0	0	0	0	0	0	0	0
	point1187	1187	363	30	0	0	0	0	0	0	0	0
	point1188	1188	363	30	0	0	0	0	0	0	0	0
	point1189	1189	363	30	0	0	0	0	0	0	0	0
	point1190	1190	363	30	0	0	0	0	0	0	0	0
	point1191	1191	363	30	0	0	0	0	0	0	0	0
	point1192	1192	363	30	0	0	0	0	0	0	0	0
	point1193	1193	363	30	0	0	0	0	0	0	0	0

	point1194	1194										
Roadway144	point1195	1195	363	30	0	0	0	0	0	0	0	0
	point1196	1196	363	30	0	0	0	0	0	0	0	0
	point1197	1197	363	30	0	0	0	0	0	0	0	0
	point1198	1198	363	30	0	0	0	0	0	0	0	0
	point1199	1199	363	30	0	0	0	0	0	0	0	0
	point1200	1200	363	30	0	0	0	0	0	0	0	0
	point1201	1201	363	30	0	0	0	0	0	0	0	0
	point1202	1202	363	30	0	0	0	0	0	0	0	0
	point1203	1203	363	30	0	0	0	0	0	0	0	0
	point1204	1204	363	30	0	0	0	0	0	0	0	0
	point1205	1205										
Roadway145	point1206	1206	147	40	3	40	1	40	0	0	0	0
	point1207	1207	147	40	3	40	1	40	0	0	0	0
	point1208	1208	147	40	3	40	1	40	0	0	0	0
	point1209	1209	147	40	3	40	1	40	0	0	0	0
	point1210	1210	147	40	3	40	1	40	0	0	0	0
	point1211	1211	147	40	3	40	1	40	0	0	0	0
	point1212	1212	147	40	3	40	1	40	0	0	0	0
	point1213	1213	147	40	3	40	1	40	0	0	0	0
	point1214	1214	147	40	3	40	1	40	0	0	0	0
	point1215	1215										
Roadway146	point1216	1216	463	40	8	40	4	40	0	0	0	0
	point1217	1217	463	40	8	40	4	40	0	0	0	0
	point1218	1218	463	40	8	40	4	40	0	0	0	0
	point1219	1219	463	40	8	40	4	40	0	0	0	0
	point1220	1220	463	40	8	40	4	40	0	0	0	0
	point1221	1221	463	40	8	40	4	40	0	0	0	0
	point1222	1222	463	40	8	40	4	40	0	0	0	0
	point1223	1223	463	40	8	40	4	40	0	0	0	0
	point1224	1224										
Roadway129-2	point1225	1225	144	40	0	0	0	0	0	0	0	0
	point1231	1231	144	40	0	0	0	0	0	0	0	0
	point1109	1109	144	40	0	0	0	0	0	0	0	0
	point1110	1110	144	40	0	0	0	0	0	0	0	0
	point1111	1111	144	40	0	0	0	0	0	0	0	0

	point1112	1112	144	40	0	0	0	0	0	0	0	0
	point1113	1113	144	40	0	0	0	0	0	0	0	0
	point1114	1114	144	40	0	0	0	0	0	0	0	0
	point1115	1115	144	40	0	0	0	0	0	0	0	0
	point1116	1116										
Roadway148	point1226	1226	6	40	0	0	0	0	0	0	0	0
	point1240	1240	6	40	0	0	0	0	0	0	0	0
	point1227	1227	6	40	0	0	0	0	0	0	0	0
	point1228	1228	6	40	0	0	0	0	0	0	0	0
	point1229	1229										
Roadway79-2	point1232	1232	364	40	3	40	0	0	0	0	0	0
	point823	823	364	40	3	40	0	0	0	0	0	0
	point822	822	364	40	3	40	0	0	0	0	0	0
	point821	821										
Roadway130-2	point1236	1236	243	40	2	40	0	0	0	0	0	0
	point1118	1118	243	40	2	40	0	0	0	0	0	0
	point1117	1117										
Roadway99	point945	945	934	55	6	55	3	55	0	0	0	0
	point944	944	934	55	6	55	3	55	0	0	0	0
	point943	943	934	55	6	55	3	55	0	0	0	0
	point942	942	934	55	6	55	3	55	0	0	0	0
	point941	941	934	55	6	55	3	55	0	0	0	0
	point939	939	934	55	6	55	3	55	0	0	0	0
	point938	938	934	55	6	55	3	55	0	0	0	0
	point937	937	934	55	6	55	3	55	0	0	0	0
	point936	936	934	55	6	55	3	55	0	0	0	0
	point935	935	934	55	6	55	3	55	0	0	0	0
	point934	934	934	55	6	55	3	55	0	0	0	0
	point933	933	934	55	6	55	3	55	0	0	0	0
	point932	932	934	55	6	55	3	55	0	0	0	0
	point931	931	934	55	6	55	3	55	0	0	0	0
	point930	930	934	55	6	55	3	55	0	0	0	0
	point929	929	934	55	6	55	3	55	0	0	0	0
	point928	928	934	55	6	55	3	55	0	0	0	0
	point927	927	934	55	6	55	3	55	0	0	0	0
	point926	926	934	55	6	55	3	55	0	0	0	0

	point924	924	934	55	6	55	3	55	0	0	0	0
	point923	923	934	55	6	55	3	55	0	0	0	0
	point921	921	934	55	6	55	3	55	0	0	0	0
	point920	920	934	55	6	55	3	55	0	0	0	0
	point918	918	934	55	6	55	3	55	0	0	0	0
	point917	917	934	55	6	55	3	55	0	0	0	0
	point915	915	934	55	6	55	3	55	0	0	0	0
	point913	913										
Roadway114	point1036	1036	1078	40	17	40	10	40	0	0	0	0
	point1042	1042	1078	40	17	40	10	40	0	0	0	0
	point1043	1043	1078	40	17	40	10	40	0	0	0	0
	point1044	1044	1078	40	17	40	10	40	0	0	0	0
	point1045	1045										
Roadway12-2-2	point1243	1243	5634	61	58	61	58	61	0	0	0	0
	point298	298	5634	61	58	61	58	61	0	0	0	0
	point297	297	5634	61	58	61	58	61	0	0	0	0
	point296	296	5634	61	58	61	58	61	0	0	0	0
	point295	295	5634	61	58	61	58	61	0	0	0	0
	point294	294	5634	61	58	61	58	61	0	0	0	0
	point293	293	5634	61	58	61	58	61	0	0	0	0
	point292	292	5634	61	58	61	58	61	0	0	0	0
	point291	291	5634	61	58	61	58	61	0	0	0	0
	point290	290	5634	61	58	61	58	61	0	0	0	0
	point289	289	5634	61	58	61	58	61	0	0	0	0
	point288	288	5634	61	58	61	58	61	0	0	0	0
	point287	287	5634	61	58	61	58	61	0	0	0	0
	point286	286	5634	61	58	61	58	61	0	0	0	0
	point285	285										

CHA					27 February 2012														
EVN					TNM 2.5														
INPUT: BARRIERS																			
PROJECT/CONTRACT:	9546																		
RUN:	Diamond AM																		
Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	$ per	$ per	Top	Run:Rise	$ per			X	Y	Z	at	Seg Ht Perturbs			On	Important
				Unit	Unit	Width		Unit						Point	Incre-	#Up	#Dn	Struct?	Reflec-
				Area	Vol.			Length							ment				tions?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
Barrier3	W	0.00	99.99	0.00				0.00	point50	50	681,876.4	1,418,478.8	306.39	30.00	0.00	0	0		
									point51	51	681,871.7	1,418,475.9	306.39	30.00	0.00	0	0		
									point52	52	681,813.1	1,418,431.0	306.43	30.00	0.00	0	0		
									point53	53	681,752.2	1,418,385.4	305.69	30.00	0.00	0	0		
									point54	54	681,750.0	1,418,377.0	305.36	30.00	0.00	0	0		
									point55	55	681,783.9	1,418,331.5	305.54	30.00	0.00	0	0		
									point56	56	681,812.4	1,418,293.5	305.69	30.00	0.00	0	0		
									point57	57	681,848.2	1,418,246.0	306.06	30.00	0.00	0	0		
									point58	58	681,881.2	1,418,202.0	306.37	30.00	0.00	0	0		
									point59	59	681,909.9	1,418,163.9	306.15	30.00	0.00	0	0		
									point60	60	681,924.6	1,418,143.9	305.54	30.00	0.00	0	0		
									point61	61	681,966.8	1,418,175.5	305.20	30.00	0.00	0	0		
									point62	62	681,969.8	1,418,171.6	305.85	30.00	0.00	0	0		
									point63	63	681,973.8	1,418,174.6	305.84	30.00	0.00	0	0		
									point64	64	681,971.0	1,418,178.4	305.79	30.00	0.00	0	0		
									point65	65	682,006.9	1,418,205.9	305.60	30.00	0.00	0	0		
									point66	66	682,048.4	1,418,236.8	306.08	30.00	0.00	0	0		
									point67	67	682,051.2	1,418,232.8	306.26	30.00	0.00	0	0		
									point68	68	682,055.4	1,418,235.8	306.27	30.00	0.00	0	0		
									point69	69	682,052.5	1,418,239.8	306.27	30.00	0.00	0	0		
									point70	70	682,088.7	1,418,267.1	306.14	30.00	0.00	0	0		
									point71	71	682,128.3	1,418,296.8	306.29	30.00	0.00	0	0		
									point72	72	682,131.1	1,418,292.9	306.35	30.00	0.00	0	0		
									point73	73	682,135.2	1,418,296.0	306.37	30.00	0.00	0	0		
									point74	74	682,132.5	1,418,300.0	306.33	30.00	0.00	0	0		
									point75	75	682,161.4	1,418,322.0	305.64	30.00	0.00	0	0		
									point76	76	682,174.3	1,418,331.8	305.75	30.00	0.00	0	0		
									point77	77	682,139.9	1,418,378.0	306.20	30.00	0.00	0	0		
									point78	78	682,140.8	1,418,378.6	306.20	30.00	0.00	0	0		
									point79	79	682,118.1	1,418,408.0	306.33	30.00	0.00	0	0		
									point80	80	682,092.1	1,418,441.6	306.36	30.00	0.00	0	0		
									point81	81	682,075.8	1,418,463.6	306.43	30.00	0.00	0	0		
									point82	82	682,070.8	1,418,470.1	306.43	30.00	0.00	0	0		
									point83	83	682,041.8	1,418,508.5	306.44	30.00	0.00	0	0		
									point84	84	682,012.3	1,418,547.0	306.45	30.00	0.00	0	0		

									point85	85	681,999.6	1,418,563.6	306.17	30.00	0.00	0	0		
									point86	86	681,990.4	1,418,566.0	306.00	30.00	0.00	0	0		
									point87	87	681,987.4	1,418,563.0	306.18	30.00	0.00	0	0		
									point88	88	681,930.8	1,418,519.9	306.19	30.00	0.00	0	0		
									point89	89	681,876.4	1,418,478.8	306.39	30.00					
Barrier4	W	0.00	99.99	0.00				0.00	point90	90	682,332.9	1,419,033.5	307.46	15.00	0.00	0	0		
									point91	91	682,279.9	1,418,998.0	306.17	15.00	0.00	0	0		
									point92	92	682,299.5	1,418,969.0	307.03	15.00	0.00	0	0		
									point93	93	682,302.6	1,418,970.9	307.01	15.00	0.00	0	0		
									point94	94	682,340.0	1,418,917.2	307.23	15.00	0.00	0	0		
									point95	95	682,335.7	1,418,912.9	307.20	15.00	0.00	0	0		
									point96	96	682,351.0	1,418,891.1	307.44	15.00	0.00	0	0		
									point97	97	682,392.9	1,418,917.8	307.60	15.00	0.00	0	0		
									point98	98	682,420.5	1,418,937.4	307.68	15.00	0.00	0	0		
									point99	99	682,450.1	1,418,894.2	307.68	15.00	0.00	0	0		
									point100	100	682,500.4	1,418,927.5	307.67	15.00	0.00	0	0		
									point101	101	682,521.1	1,418,941.6	307.66	15.00	0.00	0	0		
									point102	102	682,486.5	1,418,994.5	307.35	15.00	0.00	0	0		
									point103	103	682,470.2	1,418,983.6	307.35	15.00	0.00	0	0		
									point104	104	682,451.9	1,419,010.6	307.38	15.00	0.00	0	0		
									point105	105	682,458.4	1,419,015.5	307.38	15.00	0.00	0	0		
									point106	106	682,441.8	1,419,040.0	307.37	15.00	0.00	0	0		
									point107	107	682,435.4	1,419,049.0	307.37	15.00	0.00	0	0		
									point108	108	682,396.9	1,419,109.0	307.50	15.00	0.00	0	0		
									point109	109	682,318.3	1,419,056.0	307.46	15.00	0.00	0	0		
									point110	110	682,332.9	1,419,033.5	307.46	15.00					
Barrier5	W	0.00	99.99	0.00				0.00	point111	111	682,132.7	1,419,762.2	303.40	30.00	0.00	0	0		
									point112	112	682,106.2	1,419,740.9	303.38	30.00	0.00	0	0		
									point113	113	682,069.6	1,419,710.9	303.46	30.00	0.00	0	0		
									point114	114	682,029.6	1,419,678.4	303.21	30.00	0.00	0	0		
									point115	115	682,019.2	1,419,669.8	303.18	30.00	0.00	0	0		
									point116	116	682,014.3	1,419,676.1	303.32	30.00	0.00	0	0		
									point117	117	682,006.6	1,419,679.9	303.53	30.00	0.00	0	0		
									point118	118	681,982.6	1,419,659.9	303.36	30.00	0.00	0	0		
									point119	119	681,960.1	1,419,642.1	303.15	30.00	0.00	0	0		
									point120	120	681,958.8	1,419,641.6	306.60	30.00	0.00	0	0		
									point121	121	681,964.9	1,419,633.0	306.72	30.00	0.00	0	0		
									point122	122	681,917.7	1,419,595.2	307.31	30.00	0.00	0	0		
									point123	123	681,882.6	1,419,566.5	307.01	30.00	0.00	0	0		
									point124	124	681,835.9	1,419,528.4	307.44	30.00	0.00	0	0		
									point125	125	681,801.0	1,419,499.1	306.39	30.00	0.00	0	0		
									point126	126	681,806.4	1,419,494.4	307.95	30.00	0.00	0	0		
									point127	127	681,965.8	1,419,298.2	306.49	30.00	0.00	0	0		
									point128	128	681,988.4	1,419,315.8	306.49	30.00	0.00	0	0		
									point129	129	681,980.6	1,419,325.5	306.73	30.00	0.00	0	0		
									point130	130	681,980.3	1,419,325.9	306.11	30.00	0.00	0	0		
									point131	131	681,972.9	1,419,334.2	306.18	30.00	0.00	0	0		
									point132	132	681,990.0	1,419,347.9	305.93	30.00	0.00	0	0		
									point133	133	681,990.5	1,419,348.6	306.57	30.00	0.00	0	0		

									point134	134	681,994.9	1,419,352.1	306.55	30.00	0.00	0	0		
									point135	135	682,021.4	1,419,374.6	306.35	30.00	0.00	0	0		
									point136	136	682,013.5	1,419,393.1	306.21	30.00	0.00	0	0		
									point137	137	681,988.5	1,419,424.5	306.50	30.00	0.00	0	0		
									point138	138	682,020.1	1,419,450.8	306.74	30.00	0.00	0	0		
									point139	139	682,053.3	1,419,478.8	306.53	30.00	0.00	0	0		
									point140	140	682,062.4	1,419,485.6	306.50	30.00	0.00	0	0		
									point141	141	682,068.4	1,419,489.8	306.49	30.00	0.00	0	0		
									point142	142	682,097.4	1,419,452.2	305.32	30.00	0.00	0	0		
									point143	143	682,098.2	1,419,452.6	304.85	30.00	0.00	0	0		
									point144	144	682,110.0	1,419,459.4	304.79	30.00	0.00	0	0		
									point145	145	682,151.0	1,419,492.8	304.66	30.00	0.00	0	0		
									point146	146	682,187.1	1,419,521.5	304.77	30.00	0.00	0	0		
									point147	147	682,223.6	1,419,553.2	304.20	30.00	0.00	0	0		
									point148	148	682,250.3	1,419,573.6	304.41	30.00	0.00	0	0		
									point149	149	682,257.7	1,419,564.4	304.36	30.00	0.00	0	0		
									point150	150	682,257.9	1,419,564.1	305.12	30.00	0.00	0	0		
									point151	151	682,263.0	1,419,558.2	305.46	30.00	0.00	0	0		
									point152	152	682,271.4	1,419,564.5	305.45	30.00	0.00	0	0		
									point153	153	682,291.4	1,419,582.0	305.25	30.00	0.00	0	0		
									point154	154	682,325.0	1,419,610.0	305.31	30.00	0.00	0	0		
									point155	155	682,328.0	1,419,612.2	305.32	30.00	0.00	0	0		
									point156	156	682,330.4	1,419,621.5	305.21	30.00	0.00	0	0		
									point157	157	682,330.5	1,419,622.4	304.44	30.00	0.00	0	0		
									point158	158	682,310.8	1,419,646.6	304.23	30.00	0.00	0	0		
									point159	159	682,300.2	1,419,659.4	304.21	30.00	0.00	0	0		
									point160	160	682,272.3	1,419,636.9	304.25	30.00	0.00	0	0		
									point161	161	682,249.6	1,419,618.6	304.42	0.00	0.00	0	0		
									point162	162	682,226.8	1,419,647.6	304.42	0.00	0.00	1	0		
									point163	163	682,213.2	1,419,663.4	303.83	0.00	0.00	0	0		
									point164	164	682,203.1	1,419,676.0	303.57	0.00	0.00	0	0		
									point165	165	682,210.0	1,419,681.5	303.60	0.00	0.00	0	0		
									point166	166	682,212.0	1,419,689.1	303.57	0.00	0.00	0	0		
									point167	167	682,177.7	1,419,732.2	303.63	0.00	0.00	0	0		
									point168	168	682,171.9	1,419,738.5	303.74	0.00	0.00	0	0		
									point169	169	682,160.4	1,419,729.0	303.73	0.00	0.00	0	0		
									point170	170	682,141.9	1,419,751.5	303.76	0.00	0.00	0	0		
									point171	171	682,132.7	1,419,762.2	303.40	0.00					
Barrier7	W	0.00	99.99	0.00				0.00	point303	303	680,229.1	1,418,704.6	305.29	25.00	0.00	0	0		
									point304	304	680,237.4	1,418,713.4	305.10	25.00	0.00	0	0		
									point305	305	680,256.6	1,418,694.0	304.96	25.00	0.00	0	0		
									point306	306	680,249.8	1,418,684.8	305.18	25.00	0.00	0	0		
									point307	307	680,254.8	1,418,680.2	305.19	25.00	0.00	0	0		
									point308	308	680,266.1	1,418,668.0	305.09	25.00	0.00	0	0		
									point309	309	680,241.0	1,418,642.4	305.09	25.00	0.00	0	0		
									point311	311	680,283.6	1,418,596.8	305.01	25.00	0.00	0	0		
									point312	312	680,309.9	1,418,621.9	305.04	25.00	0.00	0	0		
									point314	314	680,324.8	1,418,623.5	305.33	25.00	0.00	0	0		
									point316	316	680,341.9	1,418,600.6	305.23	25.00	0.00	0	0		

									point317	317	680,339.1	1,418,594.5	305.29	25.00	0.00	0	0		
									point318	318	680,353.3	1,418,579.8	305.16	25.00	0.00	0	0		
									point327	327	680,141.1	1,418,365.0	305.18	25.00	0.00	0	0		
									point329	329	680,147.9	1,418,351.6	305.02	25.00	0.00	0	0		
									point331	331	680,127.2	1,418,325.4	305.29	25.00	0.00	0	0		
									point335	335	680,152.2	1,418,299.8	305.30	25.00	0.00	0	0		
									point338	338	680,127.9	1,418,275.4	304.56	25.00	0.00	0	0		
									point341	341	680,105.5	1,418,306.4	304.73	25.00	0.00	0	0		
									point342	342	680,104.5	1,418,307.4	304.73	25.00	0.00	0	0		
									point343	343	680,077.2	1,418,280.5	304.76	25.00	0.00	0	0		
									point347	347	679,983.9	1,418,372.8	304.23	25.00	0.00	0	0		
									point348	348	679,985.1	1,418,374.6	304.88	25.00	0.00	0	0		
									point349	349	679,994.6	1,418,383.8	305.10	25.00	0.00	0	0		
									point350	350	679,990.9	1,418,389.4	305.10	25.00	0.00	0	0		
									point351	351	680,000.8	1,418,398.8	305.09	25.00	0.00	0	0		
									point352	352	679,992.2	1,418,413.5	304.99	25.00	0.00	0	0		
									point353	353	680,007.6	1,418,428.4	305.07	25.00	0.00	0	0		
									point354	354	680,022.8	1,418,413.2	305.43	25.00	0.00	0	0		
									point355	355	680,034.1	1,418,424.0	305.42	25.00	0.00	0	0		
									point356	356	680,028.5	1,418,431.6	304.89	25.00	0.00	0	0		
									point359	359	680,064.9	1,418,459.1	304.96	25.00	0.00	0	0		
									point364	364	680,107.7	1,418,421.6	305.22	25.00	0.00	0	0		
									point367	367	680,172.7	1,418,485.6	304.67	25.00	0.00	0	0		
									point369	369	680,128.9	1,418,530.4	304.75	25.00	0.00	0	0		
									point371	371	680,093.4	1,418,497.8	305.23	25.00	0.00	0	0		
									point373	373	680,081.6	1,418,496.0	304.87	25.00	0.00	0	0		
									point374	374	680,061.8	1,418,517.2	304.57	25.00	0.00	0	0		
									point376	376	680,052.1	1,418,540.9	304.64	25.00	0.00	0	0		
									point382	382	680,210.1	1,418,696.8	305.16	25.00	0.00	0	0		
									point383	383	680,222.6	1,418,711.4	305.27	25.00	0.00	0	0		
									point384	384	680,229.1	1,418,704.6	305.29	25.00					
Barrier8	W	0.00	99.99	0.00				0.00	point385	385	680,530.4	1,418,920.9	305.00	40.00	0.00	0	0		
									point386	386	680,379.1	1,418,787.0	305.00	40.00	0.00	0	0		
									point387	387	680,451.2	1,418,689.1	305.00	40.00	0.00	0	0		
									point388	388	680,491.1	1,418,720.4	305.00	40.00	0.00	0	0		
									point389	389	680,558.1	1,418,656.8	305.00	40.00	0.00	0	0		
									point390	390	680,537.9	1,418,639.6	305.00	40.00	0.00	0	0		
									point391	391	680,587.9	1,418,589.0	305.00	40.00	0.00	0	0		
									point392	392	680,739.5	1,418,732.9	305.00	40.00	0.00	0	0		
									point393	393	680,545.8	1,418,913.5	305.00	40.00					
Barrier10	W	0.00	99.99	0.00				0.00	point394	394	680,394.1	1,419,731.1	301.73	25.00	0.00	0	0		
									point395	395	680,504.9	1,419,856.0	301.82	25.00	0.00	0	0		
									point396	396	680,488.9	1,419,875.4	301.99	25.00	0.00	0	0		
									point397	397	680,519.4	1,419,910.4	301.38	25.00	0.00	0	0		
									point398	398	680,528.4	1,419,921.1	301.37	25.00	0.00	0	0		
									point399	399	680,565.1	1,419,964.1	301.12	25.00	0.00	0	0		
									point400	400	680,584.4	1,419,947.6	301.31	25.00	0.00	0	0		
									point401	401	680,611.4	1,419,925.2	301.51	25.00	0.00	0	0		
									point402	402	680,629.1	1,419,909.5	301.52	25.00	0.00	0	0		

									point403	403	680,632.5	1,419,897.8	301.69	25.00	0.00	0	0		
									point404	404	680,626.6	1,419,867.5	301.79	25.00	0.00	0	0		
									point405	405	680,614.4	1,419,853.5	301.91	25.00	0.00	0	0		
									point406	406	680,654.6	1,419,821.2	301.59	25.00	0.00	0	0		
									point407	407	680,678.7	1,419,850.8	301.98	25.00	0.00	0	0		
									point408	408	680,710.3	1,419,816.6	301.31	25.00	0.00	0	0		
									point409	409	680,710.1	1,419,815.9	300.76	25.00	0.00	0	0		
									point410	410	680,692.9	1,419,797.1	300.63	25.00	0.00	0	0		
									point411	411	680,692.7	1,419,796.9	301.10	25.00	0.00	0	0		
									point412	412	680,679.1	1,419,782.4	301.79	25.00	0.00	0	0		
									point413	413	680,695.7	1,419,769.6	301.80	25.00	0.00	0	0		
									point414	414	680,710.7	1,419,782.4	301.36	25.00	0.00	0	0		
									point415	415	680,752.1	1,419,746.6	301.61	25.00	0.00	0	0		
									point416	416	680,681.1	1,419,663.2	301.44	25.00	0.00	0	0		
									point417	417	680,685.2	1,419,659.4	301.44	25.00	0.00	0	0		
									point418	418	680,655.4	1,419,623.5	301.53	25.00	0.00	0	0		
									point419	419	680,613.4	1,419,660.2	301.38	25.00	0.00	0	0		
									point420	420	680,576.3	1,419,617.4	301.50	25.00	0.00	0	0		
									point421	421	680,579.8	1,419,614.1	302.04	25.00	0.00	0	0		
									point422	422	680,605.2	1,419,581.6	300.37	25.00	0.00	0	0		
									point423	423	680,584.6	1,419,563.6	301.40	25.00	0.00	0	0		
									point424	424	680,570.9	1,419,579.8	301.59	25.00	0.00	0	0		
									point425	425	680,487.8	1,419,491.0	301.29	25.00	0.00	0	0		
									point426	426	680,484.5	1,419,493.9	301.29	25.00	0.00	0	0		
									point427	427	680,483.6	1,419,494.5	301.29	25.00	0.00	0	0		
									point428	428	680,465.9	1,419,474.0	300.77	25.00	0.00	0	0		
									point429	429	680,450.4	1,419,486.9	301.20	25.00	0.00	0	0		
									point430	430	680,418.6	1,419,448.6	300.95	25.00	0.00	0	0		
									point431	431	680,410.3	1,419,455.5	300.83	25.00	0.00	0	0		
									point432	432	680,393.8	1,419,436.5	300.41	25.00	0.00	0	0		
									point446	446	680,393.3	1,419,436.1	298.09	25.00	0.00	0	0		
									point445	445	680,377.8	1,419,441.8	298.60	25.00	0.00	0	0		
									point444	444	680,376.3	1,419,429.4	298.64	25.00	0.00	0	0		
									point443	443	680,366.0	1,419,416.6	298.48	25.00	0.00	0	0		
									point442	442	680,365.3	1,419,416.8	299.37	25.00	0.00	0	0		
									point441	441	680,352.4	1,419,407.0	299.96	25.00	0.00	0	0		
									point440	440	680,326.9	1,419,405.5	300.47	25.00	0.00	0	0		
									point439	439	680,317.3	1,419,434.8	300.91	25.00	0.00	0	0		
									point438	438	680,303.6	1,419,439.8	301.83	25.00	0.00	0	0		
									point437	437	680,268.8	1,419,466.4	299.39	25.00	0.00	0	0		
									point436	436	680,207.3	1,419,526.8	300.03	25.00	0.00	0	0		
									point435	435	680,252.5	1,419,578.1	301.05	25.00	0.00	0	0		
									point434	434	680,247.1	1,419,583.5	300.77	25.00	0.00	0	0		
									point433	433	680,394.1	1,419,731.1	301.73	25.00					
Barrier11	W	0.00	99.99	0.00				0.00	point447	447	679,584.4	1,418,024.1	304.40	25.00	0.00	0	0		
									point448	448	679,623.0	1,417,962.4	304.10	25.00	0.00	0	0		
									point449	449	679,860.6	1,418,088.9	303.90	25.00	0.00	0	0		
									point450	450	679,828.2	1,418,150.6	304.00	25.00	0.00	0	0		
									point451	451	679,587.5	1,418,025.6	304.40	25.00					

Barrier12	W	0.00	99.99	0.00				0.00	point452	452	678,894.8	1,418,116.9	308.00	8.00	0.00	0	0		
									point473	473	678,827.0	1,418,058.6	308.67	12.00	0.00	0	0		
									point474	474	678,759.2	1,418,000.2	309.33	14.00	0.00	0	0		
									point454	454	678,691.4	1,417,942.0	310.00	16.00	0.00	0	0		
									point455	455	678,644.6	1,417,960.0	307.00	20.00	0.00	0	0		
									point456	456	678,640.6	1,417,957.0	307.00	20.00					
Barrier13	W	0.00	99.99	0.00				0.00	point463	463	678,667.4	1,418,345.6	316.00	8.00	0.00	0	0		
									point464	464	678,626.9	1,418,264.9	308.00	20.00					
Barrier12-2-2	W	0.00	99.99	0.00				0.00	point477	477	678,548.2	1,417,891.9	307.00	20.00	0.00	0	0		
									point459	459	678,509.1	1,417,863.5	307.00	20.00	0.00	0	0		
									point460	460	678,509.7	1,417,862.9	307.00	20.00	0.00	0	0		
									point461	461	678,373.3	1,417,766.6	307.00	20.00	20.00	0	0		
									point471	471	678,276.6	1,417,692.2	307.00	15.00	20.00	0	0		
									point472	472	678,180.0	1,417,617.9	307.00	5.00	20.00	0	0		
									point462	462	678,083.3	1,417,543.5	307.00	5.00					
Barrier13-2-2	W	0.00	99.99	0.00				0.00	point479	479	678,529.1	1,418,193.4	306.00	20.00	0.00	0	0		
									point468	468	678,461.2	1,418,189.1	308.00	12.00	0.00	0	0		
									point469	469	678,449.2	1,418,174.2	308.00	9.00	0.00	0	0		
									point475	475	678,384.7	1,418,113.2	308.00	6.00	0.00	0	0		
									point470	470	678,320.1	1,418,052.4	308.00	5.00					
Barrier18	W	0.00	99.99	0.00				0.00	point496	480	678,712.9	1,417,077.4	303.00	18.00	0.00	0	0		
									point497	481	678,778.4	1,416,991.9	303.00	18.00	0.00	0	0		
									point498	482	678,700.8	1,416,933.5	303.00	18.00	0.00	0	0		
									point499	483	678,631.0	1,417,018.2	303.00	18.00	0.00	0	0		
									point500	484	678,709.4	1,417,081.6	303.00	18.00					
Barrier19	W	0.00	99.99	1.00				0.00	point471	485	683,374.3	1,421,405.2	309.86	20.00	2.00	2	5		
									point501	486	683,401.6	1,421,443.0	309.85	20.00	2.00	2	5		
									point502	487	683,428.9	1,421,480.8	309.84	20.00	2.00	3	4		
									point503	488	683,456.1	1,421,518.6	309.84	20.00	2.00	3	3		
									point504	489	683,483.4	1,421,556.4	309.83	20.00	2.00	3	3		
									point505	490	683,510.7	1,421,594.1	309.83	20.00	2.00	4	2		
									point506	491	683,537.9	1,421,632.0	309.82	20.00	2.00	4	2		
									point507	492	683,565.3	1,421,669.8	309.82	20.00	2.00	4	2		
									point472	493	683,592.5	1,421,707.5	309.81	20.00	2.00	4	2		
									point490	494	683,639.3	1,421,773.9	310.08	20.00	2.00	4	2		
									point491	495	683,686.1	1,421,840.2	310.34	20.00	2.00	4	2		
									point492	496	683,733.0	1,421,906.6	310.61	20.00	2.00	4	2		
									point493	497	683,779.8	1,421,973.0	310.87	20.00	2.00	4	2		
									point494	498	683,826.6	1,422,039.4	311.14	20.00	2.00	4	2		
									point495	499	683,873.4	1,422,105.8	311.40	20.00	2.00	4	2		
									point496	500	683,920.3	1,422,172.2	311.67	20.00	2.00	4	2		
									point497	501	683,967.1	1,422,238.6	311.93	20.00	2.00	4	2		
									point498	502	684,013.9	1,422,305.0	312.20	20.00	2.00	4	2		
									point499	503	684,060.8	1,422,371.4	312.46	20.00	2.00	4	2		
									point500	504	684,107.6	1,422,437.8	312.73	20.00	2.00	4	2		
									point473	505	684,154.4	1,422,504.1	312.99	20.00	2.00	4	2		
									point483	506	684,195.8	1,422,560.9	313.34	20.00	2.00	4	2		
									point484	507	684,237.2	1,422,617.6	313.69	20.00	2.00	4	2		
									point485	508	684,278.6	1,422,674.4	314.04	20.00	2.00	4	2		

									point486	509	684,320.0	1,422,731.0	314.40	20.00	2.00	4	2			
									point487	510	684,361.4	1,422,787.8	314.75	20.00	2.00	4	2			
									point488	511	684,402.8	1,422,844.5	315.10	20.00	2.00	4	2			
									point489	512	684,444.2	1,422,901.2	315.45	20.00	2.00	4	2			
									point474	513	684,485.6	1,422,958.0	315.80	20.00	2.00	4	2			
									point476	514	684,516.2	1,423,001.4	316.42	20.00	2.00	3	3			
									point477	515	684,546.8	1,423,044.8	317.05	20.00	2.00	3	3			
									point478	516	684,577.4	1,423,088.2	317.67	20.00	2.00	3	3			
									point479	517	684,608.1	1,423,131.6	318.30	20.00	2.00	3	3			
									point480	518	684,638.8	1,423,175.0	318.92	20.00	2.00	3	3			
									point481	519	684,669.4	1,423,218.5	319.55	20.00	2.00	2	4			
									point482	520	684,700.0	1,423,261.9	320.17	20.00	2.00	2	4			
									point475	521	684,730.6	1,423,305.2	320.80	20.00						

CHA			27 February 2012	
EVN			TNM 2.5	
INPUT: TERRAIN LINES				
PROJECT/CONTRACT:	9546			
RUN:	Diamond AM			
Terrain Line	Points			
Name	No.	Coordinates (ground)		
		X	Y	Z
		ft	ft	ft
Terrain Line392	6137	676,842.2	1,416,748.1	295.69
	6138	677,231.8	1,417,104.6	298.15
Terrain Line393	6139	678,811.6	1,419,202.6	295.49
	6140	678,747.4	1,419,115.4	295.90
	6141	678,628.3	1,418,983.2	294.63
	6142	678,552.1	1,418,869.6	297.11
	6143	678,502.2	1,418,744.1	301.47
	6144	678,477.4	1,418,680.4	299.62
	6145	678,442.4	1,418,569.0	293.57
	6146	678,434.6	1,418,498.9	292.10
	6147	678,435.6	1,418,457.6	293.72
Terrain Line394	6148	679,443.9	1,419,902.6	294.33
	6149	679,237.6	1,419,636.2	295.74
	6150	679,185.2	1,419,551.9	294.84
	6151	679,175.6	1,419,534.5	298.21
	6152	679,103.6	1,419,439.8	293.37
	6153	679,044.1	1,419,347.4	295.07
	6154	678,762.3	1,418,922.2	295.56
	6155	678,728.6	1,418,874.8	298.10
	6156	678,697.1	1,418,819.2	300.19
	6157	678,646.1	1,418,702.0	307.62
	6158	678,659.7	1,418,592.8	295.13
	6159	678,670.6	1,418,494.0	295.45
Terrain Line395	6160	678,676.9	1,418,464.4	295.77

	6161	678,974.4	1,418,569.6	298.00
	6162	679,066.8	1,418,608.4	298.94
	6163	679,268.7	1,418,691.2	298.06
	6164	679,354.2	1,418,730.0	301.76
Terrain Line396	6165	679,293.8	1,418,382.1	304.81
	6166	680,435.5	1,419,054.5	311.20
Terrain Line397	6167	679,311.1	1,418,352.4	299.08
	6168	680,379.1	1,418,952.5	299.47
Terrain Line398	6169	679,083.2	1,418,260.2	305.89
	6170	679,082.6	1,418,260.8	305.84
	6171	678,689.0	1,417,922.4	325.98
Terrain Line399	6172	677,794.6	1,417,274.0	299.15
	6173	678,031.8	1,417,444.1	301.92
	6174	678,164.8	1,417,527.1	308.41
	6175	678,272.4	1,417,600.1	310.35
	6176	678,497.6	1,417,722.8	308.49
Terrain Line400	6177	677,859.4	1,417,688.9	297.47
	6178	678,124.6	1,417,992.1	298.97
	6179	678,195.9	1,418,088.2	295.02
	6180	678,367.2	1,418,302.8	296.44
	6181	678,429.5	1,418,353.6	295.78
Terrain Line401	6182	677,829.8	1,417,678.8	296.84
	6183	677,354.6	1,417,230.4	298.25
	6184	677,313.4	1,417,200.8	296.99
	6185	677,269.3	1,417,138.0	298.33
Terrain Line402	6186	679,038.7	1,417,146.1	299.02
	6187	678,894.1	1,417,233.2	299.34
	6188	678,736.9	1,417,349.5	299.74
	6189	678,517.9	1,417,718.1	307.34
Terrain Line403	6190	679,852.1	1,419,028.5	302.94
	6191	679,622.8	1,418,925.6	298.82
	6192	679,339.0	1,418,771.8	297.52
Terrain Line404	6193	679,864.6	1,420,544.5	292.72
	6194	679,398.6	1,420,018.9	291.98
	6195	679,376.9	1,419,997.5	292.62
	6196	679,281.5	1,419,867.0	295.10

	6197	679,267.3	1,419,852.4	294.78
	6198	679,091.1	1,419,631.2	293.22
	6199	678,957.4	1,419,430.0	296.47
	6200	678,811.6	1,419,202.6	295.49
Terrain Line407	6206	677,258.9	1,418,568.0	289.00
	6207	677,324.9	1,418,542.6	290.50
	6208	677,645.3	1,418,314.8	297.30
	6209	677,690.3	1,418,282.8	293.80
	6210	677,944.3	1,418,102.0	295.70
	6211	677,974.3	1,418,080.8	298.30
	6213	678,015.7	1,418,051.2	295.80
	6212	678,094.3	1,417,995.4	297.90
Terrain Line409	6220	677,568.5	1,417,030.5	298.40
	6221	677,212.4	1,416,679.5	295.80
Terrain Line410	6222	680,065.7	1,418,747.4	299.30
	6223	679,699.1	1,418,511.2	300.80
	6224	679,646.4	1,418,477.8	302.50
	6225	679,209.7	1,418,202.9	298.10
	6226	679,176.4	1,418,181.9	296.60
	6227	679,115.3	1,418,143.5	297.30
	6228	679,016.8	1,418,081.5	295.60
	6229	678,968.3	1,418,051.0	297.60
	6230	678,842.1	1,417,971.5	298.50
	6231	678,724.2	1,417,887.0	297.40
Terrain Line411	6234	679,072.6	1,417,424.8	305.60
	6235	679,232.3	1,417,715.1	300.40
	6236	679,338.3	1,417,833.5	300.70
	6237	679,452.8	1,417,958.6	301.90
	6238	679,506.0	1,418,016.9	299.00
	6239	679,598.1	1,418,127.5	304.00
	6242	679,700.7	1,418,183.6	302.00
	6243	679,862.8	1,418,276.1	300.40
	6244	679,890.6	1,418,351.2	300.50
	6245	680,039.8	1,418,627.2	299.50
	6246	680,057.5	1,418,687.5	299.70
Terrain Line412	6247	684,662.5	1,423,497.2	320.70

	6248	684,854.3	1,423,757.9	317.60
Terrain Line413	6249	684,592.3	1,423,511.1	321.20
	6250	684,678.1	1,423,635.6	319.80
Terrain Line405-2	6252	681,375.4	1,419,938.6	303.88
	6203	681,856.2	1,420,283.5	300.04

CHA				27 February 2012	
EVN				TNM 2.5	
INPUT: GROUND ZONES					
PROJECT/CONTRACT:	9546				
RUN:	Diamond AM				
Ground Zone			Points		
Name	Type	Flow	No.	Coordinates	
		Resistivity		X	Y
		cgs rayls		ft	ft
Ground Zone1	Pavement	20000	2	676,502.0	1,415,800.4
			3	677,184.6	1,415,078.4
			4	679,184.6	1,416,945.5
			5	678,378.0	1,417,648.5
			6	677,470.6	1,416,794.8
Ground Zone2	Pavement	20000	8	681,182.6	1,418,985.2
			9	681,067.2	1,419,191.8
			10	680,853.4	1,419,089.9
			11	681,001.0	1,418,932.0
			12	680,834.5	1,418,831.6
			13	680,618.6	1,419,001.0
			14	680,092.2	1,418,733.2
			15	679,955.6	1,418,326.6
			16	679,922.6	1,418,273.4
			17	679,564.1	1,418,024.5
			18	679,114.8	1,417,433.8
			19	679,441.1	1,417,206.9
			20	679,327.2	1,416,952.4
			21	679,923.4	1,416,354.6
			22	681,853.6	1,418,173.0
Ground Zone3	Pavement	20000	23	681,778.2	1,419,464.6
			25	681,917.9	1,419,305.0
			26	682,663.9	1,419,687.2

			27	682,359.1	1,419,987.1
Ground Zone4	Pavement	20000	29	680,753.6	1,420,114.9
			30	681,007.4	1,419,868.6
			31	680,682.6	1,419,592.1
			32	680,308.4	1,419,367.5
			33	680,130.1	1,419,528.9
			34	680,327.6	1,419,774.8
			35	680,186.4	1,419,893.4
			36	680,450.3	1,420,134.9
			37	680,639.4	1,419,984.0
Ground Zone5	Field	150	38	677,688.1	1,417,526.4
			39	677,558.4	1,418,043.0
			40	677,264.1	1,417,598.2
			41	676,733.6	1,417,165.0
			42	677,023.3	1,416,970.5
Ground Zone6	Field	150	44	683,375.7	1,421,404.2
			45	684,729.9	1,423,306.0
			46	684,785.8	1,423,273.6
			47	684,500.6	1,422,889.8
			48	684,346.8	1,422,651.0
			49	684,086.3	1,422,329.2
			50	683,424.8	1,421,370.8

Attachment VI. Diamond Scenario Results

CHA 12 February 2013
EVN TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 9546
RUN: Diamond PM 3-4
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Noise Reduction Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Receiver 4	1	1	74.2	68.1	71	-6.1	6	----	68.1	0.0	7	-7.0
Receiver 5	2	1	62.7	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 3	3	1	71.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 1	4	1	61.7	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 6	5	1	68.5	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 2	6	1	65.4	66.3	71	0.9	6	----	66.3	0.0	7	-7.0
R6A	8	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6B	9	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6C	10	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R4A	11	1	0.0	46.4	71	46.4	6	----	46.4	0.0	7	-7.0
R4B	12	1	0.0	61.9	66	61.9	6	----	61.9	0.0	7	-7.0
R4C	13	1	0.0	60.7	71	60.7	6	----	60.7	0.0	7	-7.0
R2A	14	1	0.0	58.2	71	58.2	6	----	58.2	0.0	7	-7.0
R6D	16	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6E	17	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6F	18	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6G	19	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6H	20	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6I	21	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6J	22	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6K	23	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6L	24	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6M	27	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6N	28	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0

R6O	29	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6P	30	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6Q	31	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6R	32	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6S	33	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6T	34	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6U	35	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R3B	36	1	0.0	0.0	72	0.0	6	inactive	0.0	0.0	7	0.0
R7A	39	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
R7B	40	3	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
R7C	41	4	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
R7D	43	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7E	44	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7F	45	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7G	46	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7H	47	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7I	48	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7J	49	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7K	50	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7L	51	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7M	52	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7N	53	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7O	54	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7P	55	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0

Dwelling Units	**# DUs**	**Noise Reduction**		
		Min	**Avg**	**Max**
		dB	**dB**	**dB**
All Selected	104	0.0	0.0	0.0
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

CHA 9 March 2012
EVN TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 9546
RUN: Diamond AM
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Noise Reduction Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Receiver 4	1	1	74.2	66.5	71	-7.7	6	----	66.5	0.0	7	-7.0
Receiver 5	2	1	62.7	63.3	66	0.6	6	----	63.3	0.0	7	-7.0
Receiver 3	3	1	71.0	62.7	66	-8.3	6	----	62.7	0.0	7	-7.0
Receiver 1	4	1	61.7	60.8	66	-0.9	6	----	60.8	0.0	7	-7.0
Receiver 6	5	1	68.5	67.6	66	-0.9	6	Snd Lvl	58.9	8.7	7	1.7
Receiver 2	6	1	65.4	66.4	71	1.0	6	----	66.4	0.0	7	-7.0
R6A	8	1	0.0	66.2	66	66.2	6	Snd Lvl	57.0	9.2	7	2.2
R6B	9	1	0.0	64.4	66	64.4	6	----	55.9	8.5	7	1.5
R6C	10	1	0.0	64.2	66	64.2	6	----	56.0	8.2	7	1.2
R4A	11	1	0.0	45.4	71	45.4	6	----	45.4	0.0	7	-7.0
R4B	12	1	0.0	60.6	66	60.6	6	----	60.6	0.0	7	-7.0
R4C	13	1	0.0	59.5	71	59.5	6	----	59.5	0.0	7	-7.0
R2A	14	1	0.0	56.7	71	56.7	6	----	56.7	0.0	7	-7.0
R6D	16	3	0.0	64.7	66	64.7	6	----	56.5	8.2	7	1.2
R6E	17	3	0.0	67.9	66	67.9	6	Snd Lvl	58.7	9.2	7	2.2
R6F	18	3	0.0	61.5	66	61.5	6	----	55.9	5.6	7	-1.4
R6G	19	2	0.0	63.4	66	63.4	6	----	55.2	8.2	7	1.2
R6H	20	2	0.0	62.7	66	62.7	6	----	54.3	8.4	7	1.4
R6I	21	1	0.0	59.7	66	59.7	6	----	52.8	6.9	7	-0.1
R6J	22	3	0.0	62.9	66	62.9	6	----	55.5	7.4	7	0.4
R6K	23	1	0.0	64.4	66	64.4	6	----	56.4	8.0	7	1.0
R6L	24	2	0.0	65.2	66	65.2	6	----	57.5	7.7	7	0.7
R6M	26	3	0.0	61.9	66	61.9	6	----	55.4	6.5	7	-0.5
R6N	27	2	0.0	59.9	66	59.9	6	----	54.6	5.3	7	-1.7

R6O	28	1	0.0	63.2	66	63.2	6	----	55.7	7.5	7	0.5
R6P	29	2	0.0	61.2	66	61.2	6	----	57.4	3.8	7	-3.2
R6Q	30	2	0.0	64.4	66	64.4	6	----	60.8	3.6	7	-3.4
R6R	31	4	0.0	58.6	66	58.6	6	----	54.2	4.4	7	-2.6
R6S	32	4	0.0	60.2	66	60.2	6	----	53.6	6.6	7	-0.4
R6T	33	4	0.0	59.6	66	59.6	6	----	53.1	6.5	7	-0.5
R6U	34	2	0.0	58.1	66	58.1	6	----	53.1	5.0	7	-2.0
R3B	35	1	0.0	58.1	72	58.1	6	----	58.1	0.0	7	-7.0

Dwelling Units	**# DUs**	**Noise Reduction**		
		Min	**Avg**	**Max**
		dB	**dB**	**dB**
All Selected	58	0.0	4.8	9.2
All Impacted	5	8.7	9.0	9.2
All that meet NR Goal	21	7.4	8.3	9.2

CHA 9 March 2012
EVN TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 9546
RUN: Diamond PM 3-4
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Noise Reduction Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Receiver 4	1	1	74.2	68.1	71	-6.1	6	----	68.1	0.0	7	-7.0
Receiver 5	2	1	62.7	63.2	66	0.5	6	----	63.2	0.0	7	-7.0
Receiver 3	3	1	71.0	63.3	66	-7.7	6	----	63.3	0.0	7	-7.0
Receiver 1	4	1	61.7	60.8	66	-0.9	6	----	60.8	0.0	7	-7.0
Receiver 6	5	1	68.5	69.4	66	0.9	6	Snd Lvl	60.4	9.0	7	2.0
Receiver 2	6	1	65.4	66.2	71	0.8	6	----	66.2	0.0	7	-7.0
R6A	8	1	0.0	67.8	66	67.8	6	Snd Lvl	58.0	9.8	7	2.8
R6B	9	1	0.0	66.0	66	66.0	6	Snd Lvl	57.0	9.0	7	2.0
R6C	10	1	0.0	65.6	66	65.6	6	----	57.2	8.4	7	1.4
R4A	11	1	0.0	46.4	71	46.4	6	----	46.4	0.0	7	-7.0
R4B	12	1	0.0	61.9	66	61.9	6	----	61.9	0.0	7	-7.0
R4C	13	1	0.0	60.7	71	60.7	6	----	60.7	0.0	7	-7.0
R2A	14	1	0.0	57.0	71	57.0	6	----	57.0	0.0	7	-7.0
R6D	16	3	0.0	66.3	66	66.3	6	Snd Lvl	57.8	8.5	7	1.5
R6E	17	3	0.0	69.5	66	69.5	6	Snd Lvl	59.8	9.7	7	2.7
R6F	18	3	0.0	62.7	66	62.7	6	----	56.8	5.9	7	-1.1
R6G	19	2	0.0	64.4	66	64.4	6	----	55.9	8.5	7	1.5
R6H	20	2	0.0	64.2	66	64.2	6	----	55.1	9.1	7	2.1
R6I	21	1	0.0	61.0	66	61.0	6	----	53.6	7.4	7	0.4
R6J	22	3	0.0	64.4	66	64.4	6	----	56.6	7.8	7	0.8
R6K	23	1	0.0	66.0	66	66.0	6	Snd Lvl	57.7	8.3	7	1.3
R6L	24	2	0.0	66.7	66	66.7	6	Snd Lvl	58.8	7.9	7	0.9
R6M	27	3	0.0	63.4	66	63.4	6	----	56.6	6.8	7	-0.2
R6N	28	2	0.0	61.2	66	61.2	6	----	55.6	5.6	7	-1.4

R6O	29	1	0.0	64.7	66	64.7	6	----	57.0	7.7	7	0.7
R6P	30	2	0.0	62.5	66	62.5	6	----	58.4	4.1	7	-2.9
R6Q	31	2	0.0	65.8	66	65.8	6	----	61.8	4.0	7	-3.0
R6R	32	4	0.0	59.4	66	59.4	6	----	55.0	4.4	7	-2.6
R6S	33	4	0.0	60.7	66	60.7	6	----	54.1	6.6	7	-0.4
R6T	34	4	0.0	60.6	66	60.6	6	----	53.9	6.7	7	-0.3
R6U	35	2	0.0	59.3	66	59.3	6	----	53.9	5.4	7	-1.6
R3B	36	1	0.0	59.1	72	59.1	6	----	59.1	0.0	7	-7.0

Dwelling Units	**# DUs**	**Noise Reduction**		
		Min	**Avg**	**Max**
		dB	**dB**	**dB**
All Selected	58	0.0	5.0	9.8
All Impacted	12	7.9	8.9	9.8
All that meet NR Goal	22	7.4	8.5	9.8

CHA 3 September 2013
EVN TNM 2.5

RESULTS: BARRIER-SEGMENT DESCRIPTIONS
PROJECT/CONTRACT: 9546
RUN: Diamond PM 3-4
BARRIER DESIGN: 5-2-13-2

Barriers		Segments										
Name	Type	Name	No.	Heights			Length	If Wall			If Berm	Cost
				First Point	Average	Second Point		Area	On Struc?	Important Reflections?	Volume	
				ft	ft	ft	ft	sq ft			cu yd	$
Barrier20	W	point471	501	0.00	0.00	0.00	0	0				0
		point501	502	10.00	10.00	10.00	47	466				466
		point502	503	12.00	12.00	12.00	47	560				560
		point503	504	14.00	14.00	14.00	47	652				652
		point504	505	16.00	16.00	16.00	47	746				746
		point505	506	16.00	16.00	16.00	47	746				746
		point506	507	16.00	16.00	16.00	47	747				747
		point507	508	16.00	16.00	16.00	47	744				744
		point472	509	16.00	16.00	16.00	81	1300				1300
		point490	510	16.00	16.00	16.00	81	1300				1300
		point491	511	16.00	16.00	16.00	81	1300				1300
		point492	512	16.00	16.00	16.00	81	1300				1300
		point493	513	16.00	16.00	16.00	81	1300				1300
		point494	514	16.00	16.00	16.00	81	1299				1299
		point495	515	16.00	16.00	16.00	81	1302				1302
		point496	516	16.00	16.00	16.00	81	1300				1300
		point497	517	16.00	16.00	16.00	81	1299				1299
		point498	518	16.00	16.00	16.00	81	1301				1301
		point499	519	16.00	16.00	16.00	81	1300				1300
		point500	520	16.00	16.00	16.00	81	1299				1299
		point473	521	16.00	16.00	16.00	70	1124				1124
		point483	522	18.00	18.00	18.00	70	1264				1264
		point484	523	18.00	18.00	18.00	70	1265				1265
		point485	524	18.00	18.00	18.00	70	1262				1262
		point486	525	18.00	18.00	18.00	70	1264				1264
		point487	526	18.00	18.00	18.00	70	1265				1265

		point488	527	18.00	18.00	18.00	70	1264				1264
		point489	528	16.00	16.00	16.00	70	1124				1124
		point474	529	16.00	16.00	16.00	53	849				849
		point476	530	16.00	16.00	16.00	53	850				850
		point477	531	16.00	16.00	16.00	53	851				851
		point478	532	16.00	16.00	16.00	53	851				851
		point479	533	14.00	14.00	14.00	53	744				744
		point480	534	14.00	14.00	14.00	53	744				744
		point481	535	14.00	14.00	14.00	53	743				743
		point482	536	12.00	12.00	12.00	53	637				637

CHA							3 September 2013					
EVN							TNM 2.5					
							Calculated with TNM 2.5					
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		9546										
RUN:		Diamond PM 3-4										
BARRIER DESIGN:		5-2-13-2						Average pavement type shall be used unless				
								a State highway agency substantiates the use				
ATMOSPHERICS:		68 deg F, 50% RH						of a different type with approval of FHWA.				
Receiver												
Name	No.	#DUs	Existing	No Barrier					With Barrier			
			LAeq1h	LAeq1h		Increase over existing		Type	Calculated	Noise Reduction		
				Calculated	Crit'n	Calculated	Crit'n	Impact	LAeq1h	Calculated	Goal	Calculated
							Sub'l Inc					minus
												Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
R6Q	31	2	0.0	65.8	66	65.8	6	----	62.1	3.7	7	-3.3
R6P	30	2	0.0	62.5	66	62.5	6	----	58.7	3.8	7	-3.2
R6O	29	1	0.0	64.7	66	64.7	6	----	57.6	7.1	7	0.1
R6L	24	2	0.0	66.7	66	66.7	6	Snd Lvl	59.4	7.3	7	0.3
R6M	27	3	0.0	63.4	66	63.4	6	----	57.1	6.3	7	-0.7
R6N	28	2	0.0	61.2	66	61.2	6	----	56.0	5.2	7	-1.8
R6R	32	4	0.0	59.4	66	59.4	6	----	55.4	4.0	7	-3.0
R6S	33	4	0.0	60.7	66	60.7	6	----	54.5	6.2	7	-0.8
R6U	35	2	0.0	59.3	66	59.3	6	----	54.2	5.1	7	-1.9
R6T	34	4	0.0	60.6	66	60.6	6	----	54.3	6.3	7	-0.7
R6I	21	1	0.0	61.0	66	61.0	6	----	54.0	7.0	7	0.0
R6K	23	1	0.0	66.0	66	66.0	6	Snd Lvl	58.4	7.6	7	0.6
R6J	22	3	0.0	64.4	66	64.4	6	----	57.0	7.4	7	0.4
R6H	20	2	0.0	64.2	66	64.2	6	----	55.8	8.4	7	1.4
R6G	19	2	0.0	64.4	66	64.4	6	----	56.5	7.9	7	0.9
R6F	18	3	0.0	62.7	66	62.7	6	----	57.3	5.4	7	-1.6
R6E	17	3	0.0	69.5	66	69.5	6	Snd Lvl	60.7	8.8	7	1.8
R6D	16	3	0.0	66.3	66	66.3	6	Snd Lvl	58.7	7.6	7	0.6
R6C	10	1	0.0	65.6	66	65.6	6	----	58.0	7.6	7	0.6
R6B	9	1	0.0	66.0	66	66.0	6	Snd Lvl	57.9	8.1	7	1.1
R6A	8	1	0.0	67.8	66	67.8	6	Snd Lvl	58.7	9.1	7	2.1
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							

RESULTS: SOUND LEVELS **9546**

			dB	dB	dB							
All Selected		47	3.7	6.7	9.1							
All Impacted		11	7.3	8.1	9.1							
All that meet NR Goal		21	7.0	7.8	9.1							

CHA							27 February 2012							
EVN							TNM 2.5							
PARALLEL BARRIER: ROADWAYS														
PROJECT/CONTRACT:	9546													
RUN:	Diamond AM													
PARALLEL BARRIER DESIGN:	PB Design3													
Parallel-Barrier Roadway														
Name	No.	Pvmt	Coords(pvmt)		Traffic									
		Type	Horiz	Z	User 1		User 2		User 3		User 4		<unknown>	
					V	S	V	S	V	S	V	S	V	S
			ft	ft	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Roadway12-2-11	11	Average	720.3	306.80										
Roadway34-12	12	Average	1,009.2	326.61										
Roadway30-13	13	Average	607.5	319.03										
Roadway25-14	14	Average	622.4	318.80										
Roadway13-15	15	Average	882.4	304.93										

CHA							**27 February 2012**							
EVN							**TNM 2.5**							
PARALLEL BARRIER: ROADWAYS														
PROJECT/CONTRACT:	**9546**													
RUN:	**Diamond AM**													
PARALLEL BARRIER DESIGN:	**PB Design3**													
Parallel-Barrier Roadway														
Name	**No.**	**Pvmt**	**Coords(pvmt)**		**Traffic**									
		Type	**Horiz**	**Z**	**Autos**		**MTrucks**		**HTrucks**		**Buses**		**Motorcycles**	
					V	**S**	**V**	**S**	**V**	**S**	**V**	**S**	**V**	**S**
			ft	ft	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Roadway12-2-11	11	Average	720.3	306.80	2696	64	28	64	28	64	0	0	0	0
Roadway34-12	12	Average	1,009.2	326.61	444	40	6	40	2	40	0	0	0	0
Roadway30-13	13	Average	607.5	319.03	333	45	5	45	1	45	0	0	0	0
Roadway25-14	14	Average	622.4	318.80	242	45	3	45	1	45	0	0	0	0
Roadway13-15	15	Average	882.4	304.93	4639	57	47	57	55	57	0	0	0	0

CHA			27 February 2012	
EVN			TNM 2.5	
PARALLEL BARRIER: CROSS SECTION				
PROJECT/CONTRACT:	9546			
RUN:	Diamond AM			
PARALLEL BARRIER DESIGN:	PB Design3			
Parallel-Barrier Cross Section	Points			
Name	No.	Coordinates		Segment
		Horiz.	Z	NRC
		ft	ft	
Surface3	15	11.6	304.76	0.00
	16	570.5	298.37	0.00
	17	607.5	318.93	0.00
	18	622.4	318.70	0.00
	19	633.0	320.34	0.00
	20	646.6	309.01	0.00
	21	646.6	321.01	0.00
	22	646.6	309.01	0.00
	23	720.3	306.70	0.00
	24	882.4	304.83	0.00
	25	954.5	311.39	0.00
	26	954.5	319.39	0.00
	27	954.5	311.39	0.00
	28	1,009.2	326.51	

CHA		27 February 2012	
EVN		TNM 2.5	
		Calculated with TNM 1.0e or earlier	
PARALLEL BARRIER: ANALYSIS LOCATIONS			
PROJECT/CONTRACT:	9546		
RUN:	Diamond AM		
PARALLEL BARRIER DESIGN:	PB Design3		
			For parallel barrier analyses, results must be
			recalculated if any objects are modified.
Parallel-Barrier Analysis Location			
Name	Coordinates (ear)		Computed Increase
	Horiz.	Z	in LAeq1h
	ft	ft	dB
PReceiver1	12.0	305.1	<invalid>

Attachment VII. Flyover Scenario Inputs

CHA 12 February 2013
EVN TNM 2.5

INPUT: ROADWAYS
PROJECT/CONTRACT: 9546
RUN: Flyover- w layout change

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement) X	Y	Z	Flow Control Control Device	Speed Constraint	Percent Vehicles Affected	Segment Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Roadway3	60.0	point23	23	675,993.5	1,415,375.5	313.27				Average	
		point24	24	676,171.0	1,415,585.0	315.54				Average	
		point649	649	676,325.8	1,415,764.8	315.41				Average	Y
		point25	25	676,480.5	1,415,944.5	315.29				Average	
		point26	26	676,699.5	1,416,202.0	310.65				Average	
		point27	27	676,959.0	1,416,493.0	304.59				Average	
		point28	28	677,145.0	1,416,689.5	301.82				Average	
		point29	29	677,413.5	1,416,955.0	302.65				Average	
		point30	30	677,734.5	1,417,252.5	303.90				Average	
		point31	31	677,995.0	1,417,478.0	304.94				Average	
		point32	32	678,034.2	1,417,510.4	305.07					
Roadway4	55.0	point33	33	678,033.1	1,417,511.1	305.10				Average	
		point34	34	678,208.8	1,417,654.5	305.66				Average	
		point35	35	678,458.5	1,417,846.5	306.62				Average	
		point36	36	678,679.9	1,418,012.1	306.89				Average	
		point37	37	678,903.5	1,418,165.0	306.58				Average	
		point38	38	679,123.5	1,418,311.0	306.14				Average	
		point39	39	679,351.5	1,418,454.5	305.73				Average	
		point40	40	679,717.5	1,418,672.5	305.38				Average	
		point41	41	679,933.5	1,418,798.5	305.32				Average	
		point42	42	680,088.0	1,418,887.0	306.00				Average	
		point43	43	680,225.5	1,418,968.0	307.85				Average	
		point44	44	680,346.9	1,419,039.1	310.33					
Roadway5	60.0	point45	45	680,348.7	1,419,040.1	310.37				Average	
		point46	46	680,423.5	1,419,084.0	312.11				Average	

		point47	47	680,610.5	1,419,192.5	316.49				Average	
		point48	48	680,846.5	1,419,328.5	321.40				Average	
		point49	49	681,057.0	1,419,451.5	323.68				Average	
		point50	50	681,288.1	1,419,584.1	323.99				Average	Y
		point51	51	681,433.8	1,419,668.8	323.06				Average	
		point52	52	681,680.5	1,419,818.5	319.52				Average	
		point53	53	681,776.0	1,419,879.5	317.52				Average	
		point54	54	681,886.0	1,419,955.5	315.10				Average	
		point55	55	682,096.5	1,420,109.5	310.34				Average	
		point56	56	682,343.0	1,420,312.0	306.40				Average	
		point57	57	682,621.0	1,420,567.0	306.86				Average	
		point58	58	682,814.0	1,420,767.0	307.67				Average	
		point59	59	683,021.0	1,421,003.0	308.72				Average	
		point60	60	683,208.5	1,421,244.0	309.64					
Roadway6	40.0	point61	61	683,208.8	1,421,244.8	309.64				Average	
		point62	62	683,423.8	1,421,542.1	310.51				Average	
		point63	63	683,463.8	1,421,606.6	310.73				Average	
		point64	64	683,655.0	1,421,874.5	311.64				Average	
		point65	65	683,883.0	1,422,190.2	314.97				Average	
		point66	66	684,032.7	1,422,398.5	315.58				Average	
		point67	67	684,198.4	1,422,629.9	316.97				Average	
		point68	68	684,339.4	1,422,827.2	319.22				Average	
		point69	69	684,467.4	1,423,002.8	321.33				Average	
		point70	70	684,604.5	1,423,192.1	322.93				Average	
		point71	71	684,735.0	1,423,374.6	323.03				Average	Y
		point569	569	684,814.2	1,423,480.2	321.81				Average	
		point72	72	684,893.4	1,423,586.0	320.59					
Roadway7	60.0	point76	76	684,895.6	1,423,590.0	320.54				Average	
		point75	75	685,170.2	1,423,970.0	311.91				Average	
		point74	74	685,544.0	1,424,490.4	299.98				Average	
		point73	73	685,955.1	1,425,064.1	288.71					
Roadway8	22.0	point97	97	678,047.8	1,417,499.0	305.07				Average	
		point96	96	678,134.0	1,417,561.5	304.95				Average	
		point95	95	678,284.2	1,417,684.8	305.56				Average	
		point94	94	678,426.6	1,417,792.5	305.92				Average	
		point93	93	678,568.9	1,417,885.9	306.45				Average	
		point92	92	678,773.6	1,417,987.5	307.77				Average	
		point91	91	679,066.5	1,418,090.2	309.26				Average	
		point90	90	679,305.8	1,418,189.0	310.60				Average	

		point89	89	679,471.0	1,418,302.9	314.10				Average	
		point88	88	679,574.8	1,418,411.4	318.99				Average	
		point87	87	679,634.4	1,418,491.8	323.47				Average	
		point86	86	679,687.0	1,418,585.8	326.03				Average	
		point85	85	679,715.6	1,418,658.8	327.20				Average	Y
		point84	84	679,745.0	1,418,736.9	328.38				Average	Y
		point83	83	679,765.2	1,418,854.5	328.72				Average	Y
		point82	82	679,770.6	1,418,973.9	328.33				Average	
		point81	81	679,765.1	1,419,077.9	328.09				Average	
		point80	80	679,744.9	1,419,276.6	324.65				Average	
		point79	79	679,730.0	1,419,420.5	320.36				Average	
		point78	78	679,706.3	1,419,599.5	315.83				Average	
		point77	77	679,699.6	1,419,686.8	311.09					
Roadway9	42.0	point103	103	679,712.2	1,419,688.6	310.50				Average	
		point102	102	679,711.2	1,419,794.9	305.77				Average	
		point101	101	679,752.7	1,419,953.6	302.01				Average	
		point99	99	679,883.1	1,420,126.9	297.74				Average	
		point98	98	680,037.2	1,420,207.4	297.00					
Roadway10	30.0	point104	104	680,039.1	1,420,208.5	297.00				Average	
		point105	105	680,208.6	1,420,315.8	297.00				Average	
		point106	106	680,338.9	1,420,436.6	297.00					
Roadway11	12.0	point110	110	680,047.8	1,420,200.1	297.00				Average	
		point109	109	680,211.1	1,420,293.4	297.00				Average	
		point108	108	680,333.6	1,420,404.1	297.00				Average	
		point107	107	680,358.4	1,420,429.6	297.00					
Roadway12	22.0	point111	111	680,358.9	1,419,038.5	310.61				Average	
		point112	112	680,411.8	1,419,058.8	311.63				Average	
		point113	113	680,573.4	1,419,142.4	315.03				Average	
		point114	114	680,671.8	1,419,197.9	317.19				Average	
		point115	115	680,794.9	1,419,244.8	318.46				Average	
		point116	116	680,884.3	1,419,251.5	316.94				Average	
		point117	117	680,940.0	1,419,246.5	315.33				Average	
		point118	118	680,991.2	1,419,239.9	313.26				Average	
		point119	119	681,066.6	1,419,214.2	309.62				Average	
		point120	120	681,106.2	1,419,193.5	307.62				Average	
		point121	121	681,154.6	1,419,169.1	305.73				Average	
		point122	122	681,188.7	1,419,114.8	303.29				Average	
		point123	123	681,174.5	1,419,072.0	302.85				Average	
		point124	124	681,008.5	1,418,910.0	301.68					

Roadway13	30.0	point140	140	681,557.8	1,419,381.4	306.82	Signal	0.00	50	Average	
		point139	139	681,581.6	1,419,401.9	307.26				Average	
		point138	138	681,588.1	1,419,408.4	307.24				Average	
		point137	137	681,614.3	1,419,432.1	307.20				Average	
		point726	726	681,645.4	1,419,469.0	306.69					
Roadway14	22.0	point150	150	684,911.5	1,423,587.8	320.90				Average	
		point149	149	685,061.1	1,423,773.8	317.61				Average	
		point148	148	685,118.6	1,423,840.5	315.56				Average	
		point147	147	685,219.4	1,423,895.4	312.12				Average	
		point146	146	685,304.2	1,423,898.6	309.19				Average	
		point145	145	685,374.8	1,423,877.0	306.93				Average	
		point144	144	685,425.2	1,423,845.4	305.04				Average	
		point143	143	685,478.9	1,423,787.2	303.75				Average	
		point142	142	685,515.3	1,423,676.9	302.75				Average	
		point141	141	685,486.8	1,423,385.4	303.71					
Roadway15	15.0	point153	153	685,551.8	1,423,361.9	303.81	Onramp	0.00	100	Average	
		point152	186	685,517.6	1,423,395.2	303.44				Average	
		point151	151	685,546.8	1,423,778.2	302.14					
Roadway16	20.0	point158	158	685,423.4	1,423,348.8	304.33	Onramp	0.00	100	Average	
		point157	157	685,445.0	1,423,350.0	303.92				Average	
		point156	156	685,502.9	1,423,359.6	304.03				Average	
		point155	155	685,515.3	1,423,398.4	303.45				Average	
		point154	154	685,545.3	1,423,778.6	302.16					
Roadway17	18.0	point163	163	685,545.8	1,423,779.6	302.16				Average	
		point162	162	685,595.1	1,424,347.2	300.80				Average	
		point161	161	685,607.9	1,424,442.6	300.42				Average	
		point160	160	685,667.2	1,424,602.1	298.36				Average	
		point159	159	685,723.4	1,424,697.6	296.23					
Roadway18	60.0	point186	186	685,399.7	1,424,553.0	302.23				Average	
		point185	185	685,282.6	1,424,391.4	305.90				Average	
		point184	184	685,107.1	1,424,150.1	311.08				Average	
		point183	183	684,977.4	1,423,973.8	314.91				Average	
		point182	182	684,836.6	1,423,780.1	318.66				Average	
		point181	181	684,735.9	1,423,643.2	320.47				Average	
		point179	179	684,633.5	1,423,502.8	321.19				Average	Y
		point178	178	684,515.8	1,423,339.0	321.20				Average	
		point177	177	684,276.5	1,423,009.8	318.07				Average	
		point176	176	684,072.9	1,422,732.2	314.73				Average	
		point175	175	683,903.5	1,422,498.4	312.76				Average	

		point174	174	683,690.6	1,422,206.0	311.77				Average	
		point173	173	683,315.4	1,421,692.9	309.68					
Roadway19	55.0	point195	195	681,470.9	1,419,910.2	319.11				Average	
		point194	194	681,292.5	1,419,801.0	320.61				Average	Y
		point193	193	681,139.2	1,419,713.4	321.14				Average	
		point192	192	680,851.9	1,419,548.8	319.26				Average	
		point191	191	680,652.4	1,419,431.9	315.43				Average	
		point190	190	680,320.5	1,419,235.5	308.88				Average	
		point189	189	680,108.5	1,419,112.5	307.59				Average	
		point188	188	679,877.5	1,418,979.5	307.18				Average	
		point187	187	679,713.1	1,418,884.5	306.91					
Roadway20	55.0	point196	196	679,711.4	1,418,883.4	306.90				Average	
		point197	197	679,544.5	1,418,787.0	306.59				Average	
		point198	198	679,195.4	1,418,580.0	305.92				Average	
		point199	199	678,941.2	1,418,418.0	305.44				Average	
		point200	200	678,748.1	1,418,288.2	305.04				Average	
		point201	201	678,514.3	1,418,123.8	304.63				Average	
		point202	202	678,347.6	1,417,999.2	304.15				Average	
		point203	203	678,261.3	1,417,932.6	303.84					
Roadway21	60.0	point204	204	678,256.9	1,417,929.2	303.82				Average	
		point205	205	678,156.6	1,417,851.9	303.46				Average	
		point206	206	678,012.0	1,417,734.0	302.82				Average	
		point207	207	677,897.0	1,417,640.5	302.35				Average	
		point208	208	677,762.5	1,417,527.5	301.88				Average	
		point209	209	677,625.0	1,417,408.0	301.39				Average	
		point210	210	677,524.5	1,417,317.5	300.91				Average	
		point211	211	677,355.5	1,417,159.0	300.24				Average	
		point212	212	677,154.5	1,416,962.0	299.63				Average	
		point213	213	676,916.0	1,416,718.5	302.81				Average	
		point214	214	676,745.5	1,416,535.0	306.85				Average	
		point215	215	676,617.0	1,416,388.5	309.93				Average	
		point216	216	676,368.0	1,416,103.2	315.12				Average	
		point650	650	676,284.2	1,416,003.2	315.71				Average	Y
		point217	217	676,200.5	1,415,905.0	316.30				Average	
		point218	218	676,082.0	1,415,763.5	315.85					
Roadway22	22.0	point227	227	685,384.9	1,424,555.6	302.52				Average	
		point226	226	685,242.9	1,424,377.1	306.33				Average	
		point225	225	685,204.5	1,424,326.8	307.45				Average	
		point224	224	685,132.8	1,424,227.2	309.52				Average	

		point223	223	684,913.2	1,423,997.8	311.21				Average	
		point222	222	684,847.5	1,423,927.9	310.12				Average	
		point221	221	684,579.3	1,423,650.6	304.93				Average	
		point220	220	684,479.3	1,423,539.0	303.03				Average	
		point219	219	684,406.0	1,423,462.9	301.83					
Roadway23	20.0	point231	231	684,275.5	1,423,434.6	301.47	Onramp	0.00	100	Average	
		point230	230	684,308.5	1,423,410.0	298.29				Average	
		point229	229	684,327.9	1,423,353.8	300.24				Average	
		point228	228	684,121.8	1,422,894.5	313.09					
Roadway24	15.0	point236	236	684,447.8	1,423,429.8	302.12	Signal	0.00	70	Average	
		point235	235	684,435.8	1,423,430.4	302.20				Average	
		point234	234	684,387.8	1,423,426.1	301.83				Average	
		point233	233	684,328.7	1,423,352.0	300.26				Average	
		point232	232	684,123.0	1,422,893.6	313.09					
Roadway25	24.0	point243	243	684,120.9	1,422,892.5	313.15				Average	
		point242	242	684,101.8	1,422,849.9	314.34				Average	
		point241	241	684,066.6	1,422,779.9	314.24				Average	
		point240	240	683,944.4	1,422,597.2	313.00				Average	
		point239	239	683,583.1	1,422,103.1	301.47				Average	
		point238	238	683,334.7	1,421,759.1	301.47				Average	
		point237	237	683,284.4	1,421,670.0	301.47					
Roadway26	22.0	point258	258	681,465.8	1,419,921.4	321.34				Average	
		point257	257	681,283.2	1,419,826.5	322.89				Average	Y
		point256	256	681,097.7	1,419,719.2	322.80				Average	
		point255	255	680,933.9	1,419,624.2	321.20				Average	
		point254	254	680,720.9	1,419,501.5	317.02				Average	
		point253	253	680,583.0	1,419,422.2	313.83				Average	
		point252	252	680,459.9	1,419,349.6	309.43				Average	
		point251	251	680,356.1	1,419,301.8	308.37				Average	
		point250	250	680,209.1	1,419,268.2	308.51				Average	
		point249	249	680,060.1	1,419,279.8	310.11				Average	
		point248	248	679,928.2	1,419,347.2	313.14				Average	
		point247	247	679,828.9	1,419,431.6	316.27				Average	
		point246	246	679,769.0	1,419,513.0	316.47				Average	
		point245	245	679,735.0	1,419,595.4	311.73				Average	
		point244	244	679,717.6	1,419,673.1	310.18					
Roadway27	25.0	point275	275	680,230.4	1,420,362.6	297.00	Onramp	35.00	100	Average	
		point274	274	680,028.4	1,420,236.9	297.00				Average	
		point273	273	679,847.7	1,420,140.2	298.47				Average	

		point272	272	679,740.6	1,419,997.2	300.91				Average	
		point271	271	679,690.9	1,419,879.5	303.33				Average	
		point270	270	679,676.1	1,419,768.5	307.15				Average	
		point269	269	679,655.1	1,419,622.8	310.76				Average	
		point268	268	679,630.4	1,419,405.2	315.74				Average	
		point267	267	679,594.5	1,419,156.6	314.25				Average	
		point266	266	679,520.8	1,418,924.4	310.37				Average	
		point265	265	679,369.2	1,418,765.1	307.19				Average	
		point264	264	679,234.9	1,418,648.6	305.85				Average	
		point263	263	679,188.3	1,418,614.0	306.45				Average	
		point262	262	679,018.6	1,418,498.2	306.08				Average	
		point261	261	678,659.5	1,418,255.1	305.35				Average	
		point260	260	678,375.4	1,418,051.6	304.77				Average	
		point259	259	678,252.2	1,417,943.5	304.06					
Roadway28	30.0	point276	276	677,401.9	1,415,205.2	299.77				Average	
		point277	277	678,218.0	1,415,901.6	302.95				Average	
		point278	278	678,581.7	1,416,213.2	305.12				Average	
		point279	279	678,807.5	1,416,409.0	304.35				Average	
		point280	280	678,939.9	1,416,521.6	303.79					
Roadway29	30.0	point296	296	681,009.4	1,418,901.1	301.82				Average	
		point297	297	680,647.2	1,418,546.2	303.52				Average	
		point298	298	680,437.7	1,418,340.9	304.59				Average	
		point299	299	680,285.1	1,418,191.5	305.41				Average	
		point300	300	680,150.4	1,418,059.1	305.74				Average	
		point301	301	680,005.3	1,417,913.2	305.16				Average	
		point302	302	679,849.4	1,417,732.6	304.19				Average	
		point303	303	679,721.5	1,417,560.6	303.76				Average	
		point304	304	679,614.3	1,417,415.4	304.32					
Roadway30	30.0	point313	313	681,209.1	1,419,098.4	303.49				Average	
		point314	314	681,190.2	1,419,079.8	303.25				Average	
		point315	315	681,010.6	1,418,903.0	301.82					
Roadway31	15.0	point322	322	681,217.2	1,419,717.5	304.51				Average	
		point321	321	681,344.6	1,419,609.8	303.59				Average	
		point320	320	681,384.2	1,419,563.9	303.86				Average	
		point319	319	681,480.4	1,419,483.8	305.51				Average	
		point318	318	681,503.2	1,419,436.2	305.92					
Roadway32	30.0	point328	328	681,636.6	1,419,375.8	307.77	Signal	0.00	70	Average	
		point327	327	681,588.1	1,419,408.4	307.24				Average	
		point326	326	681,566.8	1,419,417.8	307.10				Average	

		point325	325	681,547.1	1,419,413.4	306.85				Average	
		point324	324	681,524.2	1,419,401.8	306.52				Average	
		point323	323	681,225.5	1,419,108.5	303.64					
Roadway33	30.0	point329	329	681,255.1	1,419,088.5	303.45				Average	
		point330	330	681,282.4	1,419,123.2	303.91				Average	
		point331	331	681,309.6	1,419,158.0	304.47				Average	
		point332	332	681,458.0	1,419,313.0	305.75				Average	
		point333	333	681,541.0	1,419,394.0	306.74					
Roadway34	15.0	point334	334	681,233.3	1,419,068.5	303.33				Average	
		point335	335	681,258.4	1,419,088.5	303.38				Average	
		point336	336	681,553.4	1,419,378.4	306.62					
Roadway35	12.0	point342	342	682,616.0	1,418,012.0	308.88				Average	
		point341	341	682,438.0	1,418,311.0	306.96				Average	
		point340	340	682,347.5	1,418,454.5	306.31				Average	
		point339	339	682,273.5	1,418,565.0	305.73				Average	
		point338	338	682,157.0	1,418,732.5	305.23				Average	
		point337	337	682,069.0	1,418,858.0	303.83					
Roadway36	30.0	point346	346	682,067.7	1,418,857.4	304.03				Average	
		point345	345	681,921.0	1,419,036.5	304.66				Average	
		point344	344	681,900.5	1,419,062.5	304.85				Average	
		point343	343	681,838.2	1,419,140.4	305.62					
Roadway37	30.0	point351	351	681,836.6	1,419,142.1	305.66				Average	
		point350	350	681,818.6	1,419,169.2	305.86				Average	
		point349	349	681,761.4	1,419,253.4	306.82				Average	
		point348	348	681,678.4	1,419,353.4	307.52				Average	
		point347	347	681,632.9	1,419,404.9	307.54					
Roadway38	15.0	point352	352	681,829.0	1,419,144.5	305.80				Average	
		point353	353	681,765.0	1,419,210.0	306.56				Average	
		point354	354	681,721.0	1,419,258.0	307.21				Average	
		point355	355	681,675.5	1,419,323.6	307.74				Average	
		point356	356	681,638.4	1,419,373.6	307.77					
Roadway39	15.0	point362	362	681,847.8	1,419,158.5	305.60				Average	
		point361	361	681,768.5	1,419,260.0	306.70				Average	
		point360	360	681,744.9	1,419,290.9	306.35				Average	
		point359	359	681,659.2	1,419,404.2	306.75				Average	
		point358	358	681,643.2	1,419,428.6	306.72				Average	
		point357	357	681,649.8	1,419,470.6	306.28					
Roadway41	30.0	point369	369	681,541.5	1,419,394.5	306.74	Signal	0.00	70	Average	
		point368	368	681,566.8	1,419,417.8	307.10				Average	

		point367	367	681,568.8	1,419,466.1	306.90				Average	
		point366	366	681,554.1	1,419,509.9	306.35				Average	
		point365	365	681,354.9	1,419,672.6	303.71					
Roadway42	30.0	point370	370	681,352.2	1,419,674.5	303.69				Average	Y
		point371	371	681,196.6	1,419,802.5	302.01					
Roadway43	30.0	point379	379	681,196.6	1,419,802.5	300.82	Signal	0.00	50	Average	
		point378	378	681,140.6	1,419,850.8	300.80				Average	
		point730	730	681,120.9	1,419,869.0	300.70				Average	
		point376	376	681,075.8	1,419,917.6	300.43				Average	
		point375	375	680,970.6	1,420,016.4	299.93				Average	
		point374	374	680,868.4	1,420,115.5	299.34				Average	
		point736	736	680,791.0	1,420,186.4	298.90					
Roadway44	15.0	point380	380	681,156.5	1,419,909.8	300.46	Stop	0.00	50	Average	
		point381	381	681,110.4	1,419,907.2	300.79				Average	
		point382	382	681,058.4	1,419,944.0	300.18				Average	
		point383	383	681,003.9	1,419,992.2	299.98				Average	
		point384	384	680,946.8	1,420,048.6	299.65				Average	
		point385	385	680,884.4	1,420,109.2	299.27				Average	
		point386	386	680,847.6	1,420,140.2	299.13				Average	
		point387	387	680,787.0	1,420,192.0	298.86					
Roadway45	30.0	point393	393	680,784.9	1,420,193.4	298.90				Average	
		point392	392	680,652.1	1,420,314.2	298.10				Average	
		point391	391	680,509.9	1,420,444.5	297.25				Average	
		point390	390	680,467.8	1,420,481.5	297.01					
Roadway46	14.0	point397	397	680,778.9	1,420,192.2	298.90				Average	
		point396	396	680,663.7	1,420,278.8	298.30				Average	
		point395	395	680,573.8	1,420,361.0	297.60				Average	
		point394	394	680,467.4	1,420,460.8	297.50					
Roadway48	35.0	point405	405	680,466.4	1,420,486.1	297.60	Signal	0.00	50	Average	
		point738	738	680,236.5	1,420,698.6	296.10					
Roadway49	20.0	point410	410	680,315.8	1,420,546.9	294.97	Onramp	0.00	20	Average	
		point409	409	680,324.4	1,420,527.4	296.60				Average	
		point408	408	680,329.8	1,420,481.1	297.00				Average	
		point407	407	680,299.9	1,420,436.1	297.00				Average	
		point406	406	680,228.4	1,420,369.2	297.00					
Roadway50	15.0	point411	411	679,880.6	1,420,945.9	294.30				Average	
		point412	412	679,955.3	1,420,880.8	294.70				Average	
		point413	413	680,041.6	1,420,797.1	295.20				Average	
		point414	414	680,099.8	1,420,742.8	295.60				Average	

		point415	415	680,193.4	1,420,658.0	296.00				Average	
		point416	416	680,314.8	1,420,547.1	296.50					
Roadway53	12.0	point431	431	678,341.6	1,422,102.0	284.46				Average	
		point432	432	678,369.9	1,422,030.4	284.43				Average	
		point433	433	678,420.5	1,421,899.2	283.96				Average	
		point434	434	678,490.0	1,421,764.4	284.28				Average	
		point435	435	678,597.6	1,421,616.9	285.70				Average	
		point436	436	678,709.0	1,421,501.2	287.17				Average	
		point437	437	678,824.4	1,421,408.2	288.25				Average	
		point438	438	678,905.5	1,421,355.6	288.64					
Roadway54	30.0	point442	442	680,335.0	1,420,550.4	295.40	Signal	0.00	50	Average	
		point731	731	680,369.0	1,420,519.9	296.70				Average	
		point441	441	680,422.4	1,420,466.0	297.30				Average	
		point729	729	680,453.5	1,420,442.6	297.60				Average	
		point440	440	680,529.4	1,420,376.8	297.90				Average	
		point439	439	680,551.3	1,420,356.5	297.90					
Roadway55	15.0	point447	447	680,359.6	1,420,429.8	297.00	Stop	0.00	20	Average	
		point446	446	680,379.4	1,420,438.2	297.10				Average	
		point445	445	680,415.8	1,420,437.2	297.30				Average	
		point444	444	680,472.0	1,420,419.5	297.60				Average	
		point443	443	680,547.4	1,420,352.5	297.90					
Roadway57	12.0	point458	458	680,732.3	1,420,196.5	298.86				Average	
		point457	457	680,802.6	1,420,129.2	299.19				Average	
		point456	456	680,894.6	1,420,060.6	299.89				Average	
		point455	455	680,979.0	1,419,978.2	300.35				Average	
		point454	454	681,070.4	1,419,887.5	300.92					
Roadway58	12.0	point459	459	680,728.7	1,420,193.2	298.77				Average	
		point460	460	680,875.3	1,420,049.0	299.44				Average	
		point461	461	681,056.2	1,419,876.9	300.80					
Roadway59	30.0	point462	462	681,057.3	1,419,875.6	301.10	Signal	0.00	50	Average	
		point463	463	681,093.4	1,419,847.4	301.28				Average	
		point464	464	681,113.9	1,419,828.4	301.49				Average	
		point465	465	681,137.2	1,419,804.4	301.79				Average	
		point466	466	681,219.2	1,419,728.0	302.76					
Roadway61	30.0	point472	472	681,231.2	1,419,731.0	302.36				Average	
		point473	473	681,411.6	1,419,599.6	303.40				Average	
		point474	474	681,446.4	1,419,570.8	304.86				Average	
		point475	475	681,533.6	1,419,495.5	306.63					
Roadway62	40.0	point476	476	681,221.0	1,419,725.2	302.40				Average	

		point477	477	681,242.4	1,419,703.5	302.68				Average	
		point478	478	681,398.8	1,419,575.0	304.04				Average	
		point479	479	681,516.3	1,419,475.8	305.73					
Roadway63	30.0	point498	498	681,515.4	1,419,473.6	306.28	Signal	0.00	40	Average	
		point497	497	681,553.4	1,419,432.2	306.91				Average	
		point496	496	681,566.8	1,419,417.8	307.10				Average	
		point495	495	681,581.6	1,419,401.9	307.26				Average	
		point494	494	681,603.4	1,419,378.9	307.45				Average	
		point493	493	681,690.5	1,419,268.9	307.13				Average	
		point492	492	681,796.4	1,419,138.2	305.81					
Roadway64	30.0	point507	507	682,119.9	1,421,526.2	300.07				Average	
		point506	506	681,877.0	1,420,584.0	301.85				Average	
		point505	505	681,846.5	1,420,510.0	302.53				Average	
		point504	504	681,799.0	1,420,425.0	303.41				Average	
		point503	503	681,737.5	1,420,350.5	303.69				Average	
		point502	502	681,628.0	1,420,255.0	302.62				Average	
		point501	501	681,487.2	1,420,152.9	301.57				Average	
		point500	500	681,295.4	1,420,003.0	300.48				Average	
		point499	499	681,164.5	1,419,894.2	300.66					
Roadway65	15.0	point518	518	681,996.4	1,421,084.1	301.71				Average	
		point517	517	681,946.4	1,420,896.8	300.54				Average	
		point516	516	681,896.0	1,420,701.0	300.40				Average	
		point515	515	681,866.0	1,420,566.5	301.95				Average	
		point514	514	681,792.0	1,420,435.5	302.97				Average	
		point513	513	681,730.5	1,420,355.0	303.46				Average	
		point512	512	681,645.5	1,420,286.5	302.79				Average	
		point511	511	681,498.5	1,420,185.0	301.55				Average	
		point510	510	681,417.5	1,420,122.0	301.29				Average	
		point509	509	681,265.4	1,420,002.0	300.21				Average	
		point508	508	681,158.1	1,419,912.6	300.46					
Roadway66	12.0	point522	522	684,447.1	1,423,441.8	302.11				Average	
		point521	521	684,428.9	1,423,443.4	302.07				Average	
		point520	520	684,364.9	1,423,448.4	301.88				Average	
		point519	519	684,281.8	1,423,455.1	301.48					
Roadway67	30.0	point527	527	684,937.9	1,423,403.5	303.25				Average	
		point526	526	684,927.2	1,423,404.4	303.25				Average	
		point525	525	684,700.4	1,423,422.2	302.67				Average	
		point524	524	684,475.1	1,423,439.2	302.19				Average	
		point523	523	684,449.2	1,423,441.6	302.12					

Roadway68	12.0	point532	532	685,550.6	1,423,355.8	304.01	Signal	0.00	50	Average	
		point531	531	685,502.9	1,423,359.6	304.03				Average	
		point530	530	685,427.4	1,423,365.9	304.04				Average	
		point529	529	685,206.9	1,423,383.6	303.70				Average	
		point528	528	684,938.8	1,423,403.5	303.27					
Roadway69	30.0	point533	533	684,673.6	1,423,402.5	302.70				Average	
		point534	534	685,064.8	1,423,372.8	303.61				Average	
		point535	535	685,259.7	1,423,356.8	303.96				Average	
		point536	536	685,423.2	1,423,344.1	304.26					
Roadway70	15.0	point541	541	684,937.0	1,423,391.5	303.25				Average	
		point540	540	684,926.2	1,423,392.5	303.25				Average	
		point539	539	684,699.4	1,423,410.4	302.67				Average	
		point538	538	684,474.1	1,423,427.4	302.19				Average	
		point537	537	684,448.2	1,423,429.6	302.12					
Roadway71	15.0	point548	548	684,444.8	1,423,492.1	302.17	Signal	0.00	70	Average	
		point547	547	684,426.6	1,423,447.6	302.05				Average	
		point546	546	684,428.9	1,423,443.4	302.07				Average	
		point545	545	684,435.8	1,423,430.4	302.20				Average	
		point544	544	684,526.8	1,423,419.1	302.40				Average	
		point543	543	684,593.9	1,423,415.0	302.60				Average	
		point542	542	684,671.8	1,423,403.4	302.57					
Roadway72	30.0	point549	549	684,444.0	1,423,421.5	302.04				Average	
		point550	550	684,488.9	1,423,417.9	302.20				Average	
		point551	551	684,672.1	1,423,402.8	302.55					
Roadway73	30.0	point552	552	684,275.6	1,423,435.2	301.47	Signal	0.00	50	Average	
		point553	553	684,358.8	1,423,428.5	301.73				Average	
		point554	554	684,387.8	1,423,426.1	301.83				Average	
		point555	555	684,440.9	1,423,421.8	302.03					
Roadway74	26.0	point556	556	683,224.5	1,421,234.1	309.64				Average	
		point557	557	683,436.1	1,421,527.5	310.51				Average	
		point558	558	683,483.5	1,421,592.2	310.73				Average	
		point559	559	683,674.8	1,421,860.1	311.64				Average	
		point560	560	683,902.3	1,422,175.8	314.97				Average	
		point561	561	684,052.0	1,422,384.0	315.58				Average	
		point562	562	684,217.8	1,422,615.4	316.97				Average	
		point563	563	684,358.8	1,422,812.8	319.22				Average	
		point564	564	684,486.7	1,422,988.2	321.33				Average	
		point565	565	684,623.8	1,423,177.6	322.93				Average	
		point566	566	684,754.3	1,423,360.1	323.03				Average	Y

		point568	568	684,829.5	1,423,469.4	321.81				Average	
		point567	567	684,904.6	1,423,578.6	320.59					
Roadway75	15.0	point577	577	681,070.6	1,419,887.0	300.92	Signal	0.00	70	Average	
		point576	576	681,091.2	1,419,873.6	301.01				Average	
		point575	575	681,120.9	1,419,869.0	300.70				Average	
		point574	574	681,148.8	1,419,866.5	300.50				Average	
		point573	573	681,186.6	1,419,884.9	300.34				Average	
		point572	572	681,212.9	1,419,908.0	300.13				Average	
		point571	571	681,263.8	1,419,952.2	300.16				Average	
		point570	570	681,300.2	1,419,981.5	300.49					
Roadway76	15.0	point585	585	681,356.2	1,419,679.6	302.62				Average	
		point584	584	681,277.4	1,419,741.4	301.15				Average	
		point583	583	681,209.2	1,419,799.8	300.64				Average	
		point582	582	681,194.6	1,419,819.6	300.56				Average	
		point581	581	681,201.8	1,419,887.6	300.08				Average	
		point580	580	681,212.9	1,419,907.2	300.12				Average	
		point579	579	681,263.9	1,419,951.9	300.15				Average	
		point578	578	681,300.4	1,419,981.2	300.49					
Roadway77	30.0	point591	591	681,163.0	1,419,891.6	300.77	Signal	0.00	70	Average	
		point590	590	681,148.8	1,419,866.5	300.50				Average	
		point589	589	681,140.6	1,419,850.8	300.80				Average	
		point588	588	681,136.5	1,419,824.4	301.88				Average	
		point587	587	681,167.1	1,419,789.5	302.18				Average	
		point586	586	681,227.4	1,419,734.5	302.81					
Roadway80	30.0	point603	603	681,632.9	1,419,404.9	307.54	Signal	0.00	50	Average	
		point602	602	681,614.3	1,419,432.1	307.20				Average	
		point601	601	681,598.9	1,419,453.9	306.90				Average	
		point600	600	681,557.1	1,419,511.5	306.25				Average	
		point599	599	681,355.8	1,419,673.5	303.70					
Roadway81	12.0	point609	609	681,301.3	1,419,982.4	300.44				Average	
		point608	608	681,401.8	1,420,065.6	301.29				Average	
		point607	607	681,587.9	1,420,205.2	301.70				Average	
		point606	606	681,723.2	1,420,312.1	302.90				Average	
		point605	605	681,800.6	1,420,394.1	302.99				Average	
		point604	604	681,850.8	1,420,490.5	302.69					
Roadway82	30.0	point615	615	680,339.3	1,420,435.5	297.00	Signal	0.00	50	Average	
		point614	614	680,369.1	1,420,470.5	297.10				Average	
		point732	732	680,369.0	1,420,519.9	296.70				Average	
		point612	612	680,349.8	1,420,591.1	296.50				Average	

		point611	611	680,257.1	1,420,673.2	296.00				Average	
		point610	610	680,234.8	1,420,695.2	296.10					
Roadway83	15.0	point619	619	680,465.4	1,420,465.1	297.50	Signal	0.00	70	Average	
		point728	728	680,422.4	1,420,466.0	297.30				Average	
		point618	618	680,369.1	1,420,470.5	297.10				Average	
		point617	617	680,303.8	1,420,438.2	297.00				Average	
		point616	616	680,229.9	1,420,367.6	297.00					
Roadway86	15.0	point635	635	681,562.6	1,419,366.6	306.48	Stop	0.00	20	Average	
		point634	634	681,579.8	1,419,368.6	306.81				Average	
		point633	633	681,612.9	1,419,356.2	307.50				Average	
		point632	632	681,785.2	1,419,143.6	305.88					
Roadway87	15.0	point636	636	681,233.3	1,419,068.5	303.33				Average	
		point637	637	681,279.2	1,419,088.1	303.38				Average	
		point638	638	681,561.4	1,419,364.8	306.57					
Roadway90	30.0	point645	645	685,486.1	1,423,381.6	303.74	Signal	0.00	60	Average	
		point644	644	685,502.9	1,423,359.6	304.03				Average	
		point643	643	685,533.2	1,423,337.4	304.17				Average	
		point642	642	686,037.0	1,423,288.9	305.29					
Roadway91	30.0	point648	648	685,426.5	1,423,344.0	304.18	Signal	0.00	50	Average	
		point647	647	685,547.8	1,423,335.2	304.14				Average	
		point646	646	686,038.0	1,423,288.2	305.29					
Roadway92	12.0	point651	651	684,849.3	1,423,373.5	302.71				Average	
		point652	652	684,816.4	1,423,276.8	303.39				Average	
		point653	653	684,733.4	1,423,165.5	303.52				Average	
		point654	654	684,604.1	1,423,000.1	304.05				Average	
		point655	655	684,541.2	1,422,916.8	304.76				Average	
		point656	656	684,523.7	1,422,844.9	304.91				Average	
		point657	657	684,541.2	1,422,771.8	305.02				Average	
		point658	658	684,587.9	1,422,710.4	305.13				Average	
		point659	659	684,761.3	1,422,554.8	305.62				Average	
		point660	660	684,956.8	1,422,376.0	308.18				Average	
		point661	661	685,139.9	1,422,208.4	313.27					
Roadway93	12.0	point662	662	685,181.6	1,422,187.5	314.13				Average	
		point663	663	684,840.2	1,422,496.5	306.28				Average	
		point664	664	684,607.8	1,422,707.0	304.90				Average	
		point665	665	684,562.5	1,422,758.6	304.69				Average	
		point666	666	684,538.4	1,422,814.5	304.42				Average	
		point667	667	684,539.1	1,422,873.4	304.52				Average	
		point668	668	684,562.1	1,422,923.8	304.21				Average	

		point669	669	684,632.7	1,423,015.1	303.95				Average	
		point670	670	684,760.5	1,423,182.1	303.55				Average	
		point671	671	684,833.2	1,423,280.5	303.38				Average	
		point672	672	684,885.4	1,423,367.2	302.82					
Roadway94	12.0	point673	673	679,558.9	1,416,905.0	305.30				Average	
		point674	674	679,509.5	1,416,958.9	305.40				Average	
		point675	675	679,414.3	1,417,055.9	305.60					
Roadway95	12.0	point676	676	679,585.3	1,416,865.6	305.30				Average	
		point677	677	679,545.3	1,416,902.8	305.20				Average	
		point678	678	679,518.4	1,416,932.4	305.10				Average	
		point679	679	679,504.7	1,416,947.1	305.00				Average	
		point680	680	679,490.6	1,416,961.8	305.00				Average	
		point681	681	679,461.4	1,416,989.9	305.00				Average	
		point682	682	679,446.3	1,417,003.5	305.10					
Roadway96	12.0	point683	683	679,446.3	1,417,003.5	305.10	Signal	0.00	70	Average	
		point684	684	679,438.6	1,417,010.1	305.20				Average	
		point685	685	679,417.2	1,417,010.5	305.20				Average	
		point686	686	679,395.8	1,417,010.9	305.20				Average	
		point687	687	679,374.2	1,417,005.0	305.80				Average	
		point688	688	679,353.8	1,416,999.6	306.00				Average	
		point689	689	679,324.1	1,416,991.1	306.20				Average	
		point690	690	679,297.9	1,416,978.8	306.00				Average	
		point691	691	679,284.5	1,416,964.9	305.90				Average	
		point692	692	679,268.1	1,416,945.0	305.90				Average	
		point693	693	679,227.7	1,416,891.9	305.80					
Roadway97	12.0	point694	694	679,400.7	1,417,102.6	305.50	Signal	0.00	70	Average	
		point695	695	679,400.8	1,417,059.9	305.70				Average	
		point696	696	679,417.2	1,417,010.5	305.20				Average	
		point697	697	679,470.2	1,416,963.4	304.70					
Roadway98	12.0	point698	698	679,340.5	1,416,952.2	306.40				Average	
		point699	699	679,409.3	1,416,978.8	305.20				Average	
		point700	700	679,471.6	1,416,959.5	304.70					
Roadway99	12.0	point701	701	679,618.6	1,417,403.8	304.30				Average	
		point702	702	679,400.7	1,417,102.6	305.50					
Roadway29-2	30.0	point703	703	679,614.3	1,417,415.4	304.32				Average	
		point305	305	679,379.0	1,417,094.6	305.46					
Roadway29-2-2	30.0	point704	704	679,379.0	1,417,094.6	305.46	Signal	0.00	50	Average	
		point306	306	679,225.9	1,416,890.0	306.14					
Roadway102	15.0	point705	705	678,945.4	1,416,525.4	303.90				Average	

		point706	706	679,035.0	1,416,612.2	304.50				Average	
		point707	707	679,113.7	1,416,693.2	305.10				Average	
		point708	708	679,223.1	1,416,805.9	305.80				Average	
		point709	709	679,313.2	1,416,920.1	306.20				Average	
		point710	710	679,334.1	1,416,949.4	306.10					
Roadway28-2	30.0	point711	711	679,332.2	1,416,966.0	306.24	Signal	0.00	50	Average	
		point716	716	679,353.8	1,416,999.6	306.00				Average	
		point717	717	679,400.8	1,417,059.9	305.70				Average	
		point285	285	679,425.3	1,417,093.8	305.38				Average	
		point286	286	679,578.7	1,417,301.4	304.40				Average	
		point287	287	679,713.5	1,417,484.6	303.76				Average	
		point288	288	679,848.1	1,417,666.5	303.82				Average	
		point289	289	679,949.3	1,417,792.4	304.61				Average	
		point290	290	680,060.8	1,417,914.6	305.13				Average	
		point291	291	680,255.6	1,418,107.5	305.27				Average	
		point292	292	680,524.1	1,418,371.4	304.38				Average	
		point293	293	680,757.5	1,418,600.2	303.29				Average	
		point294	294	680,961.5	1,418,802.0	302.24				Average	
		point295	295	681,230.7	1,419,065.9	303.31					
Roadway28-2	30.0	point712	712	678,943.6	1,416,526.5	304.50				Average	
		point281	281	679,113.1	1,416,693.9	305.10				Average	
		point282	282	679,214.8	1,416,813.8	305.80				Average	
		point283	283	679,302.4	1,416,927.0	306.20				Average	
		point284	284	679,328.1	1,416,963.2	306.10					
Roadway105	12.0	point713	713	679,472.6	1,416,961.0	304.70				Average	
		point714	714	679,495.2	1,416,936.6	304.70				Average	
		point715	715	679,702.3	1,416,704.4	305.20					
Roadway29-2-2-2	30.0	point718	718	679,225.9	1,416,890.0	306.14				Average	
		point307	307	679,067.3	1,416,703.8	304.85				Average	
		point308	308	678,950.4	1,416,578.9	304.00				Average	
		point309	309	678,797.1	1,416,448.6	304.09				Average	
		point310	310	678,597.4	1,416,278.0	304.84				Average	
		point311	311	678,254.9	1,415,984.9	303.34				Average	
		point312	312	678,062.0	1,415,826.5	302.40					
Roadway31-2	15.0	point719	719	681,503.2	1,419,436.2	305.92	Stop	0.00	20	Average	
		point317	317	681,500.9	1,419,397.4	306.09				Average	
		point316	316	681,216.8	1,419,106.2	303.54					
Roadway108	12.0	point720	720	681,534.6	1,419,493.2	306.60	Signal	0.00	70	Average	
		point721	721	681,554.2	1,419,474.5	306.80				Average	

		point722	722	681,568.8	1,419,466.1	306.90				Average	
		point723	723	681,598.9	1,419,453.9	306.90				Average	
		point724	724	681,621.2	1,419,455.1	307.20				Average	
		point725	725	681,642.9	1,419,469.8	306.50					
Roadway13-2	30.0	point727	727	681,645.4	1,419,469.0	306.69	Onramp	30.00	100	Average	
		point136	136	681,676.5	1,419,506.0	306.18				Average	
		point135	135	681,858.0	1,419,750.5	304.93				Average	
		point134	134	681,914.5	1,419,831.5	304.90				Average	
		point133	133	682,033.5	1,419,955.5	305.17				Average	
		point132	132	682,219.5	1,420,103.5	305.71				Average	
		point131	131	682,418.0	1,420,273.0	306.58				Average	
		point130	130	682,597.5	1,420,473.0	307.33				Average	
		point129	129	682,776.0	1,420,690.5	307.89				Average	
		point128	128	682,867.0	1,420,791.0	308.23				Average	
		point127	127	683,029.0	1,420,978.0	308.95				Average	
		point126	126	683,158.5	1,421,141.5	309.66				Average	
		point125	125	683,225.5	1,421,230.5	310.10					
Roadway84-Roadway79	35.0	point597	597	679,575.7	1,421,155.2	293.21				Average	
		point620	620	679,319.9	1,421,227.5	290.91				Average	
		point621	621	679,158.2	1,421,271.2	289.75				Average	
		point622	622	679,002.9	1,421,330.6	288.54				Average	
		point623	623	678,867.4	1,421,407.1	287.67				Average	
		point624	624	678,740.9	1,421,505.8	286.52				Average	
		point625	625	678,652.6	1,421,593.0	285.35				Average	
		point626	626	678,580.4	1,421,681.6	284.23				Average	
		point627	627	678,524.4	1,421,767.8	283.19				Average	
		point628	628	678,447.0	1,421,919.0	283.16				Average	
		point629	629	678,380.1	1,422,107.9	284.77					
Roadway18-2	60.0	point733	733	683,315.4	1,421,692.9	309.68				Average	
		point172	172	683,136.0	1,421,446.8	308.16				Average	
		point171	171	683,006.5	1,421,273.8	307.45				Average	
		point170	170	682,855.7	1,421,089.2	306.70				Average	
		point169	169	682,707.4	1,420,920.5	306.10				Average	
		point168	168	682,471.8	1,420,679.4	305.07				Average	
		point167	167	682,212.2	1,420,443.4	305.92				Average	
		point166	166	681,921.9	1,420,212.5	311.19				Average	
		point165	165	681,736.8	1,420,078.5	314.63				Average	
		point164	164	681,472.4	1,419,910.9	319.12					
Roadway63-2	30.0	point734	734	681,796.4	1,419,138.2	305.81				Average	

		point491	491	681,870.9	1,419,046.5	304.89				Average	
		point490	490	681,937.4	1,418,962.4	304.00				Average	
		point489	489	681,998.5	1,418,893.0	303.57				Average	
		point488	488	682,083.2	1,418,793.4	303.84				Average	
		point487	487	682,124.5	1,418,743.0	304.68				Average	
		point486	486	682,173.5	1,418,679.5	305.04				Average	
		point485	485	682,276.0	1,418,541.0	305.58				Average	
		point484	484	682,356.0	1,418,420.0	306.11				Average	
		point483	483	682,455.5	1,418,260.5	306.98				Average	
		point482	482	682,502.0	1,418,182.0	307.35				Average	
		point481	481	682,541.0	1,418,118.0	307.90				Average	
		point480	480	682,592.5	1,418,030.0	308.64					
Roadway78	30.0	point739	739	680,236.5	1,420,698.6	296.10				Average	
		point404	404	680,104.6	1,420,823.1	295.20				Average	
		point403	403	680,011.9	1,420,904.4	295.73				Average	
		point595	595	679,989.1	1,420,922.0	295.80				Average	
		point594	594	679,872.6	1,421,014.2	293.88				Average	
		point593	593	679,716.1	1,421,098.2	293.21				Average	
		point592	592	679,580.3	1,421,153.1	293.21					
Roadway56-2	30.0	point740	740	680,555.8	1,420,353.2	297.91				Average	
		point452	452	680,602.9	1,420,308.2	298.12				Average	
		point453	453	680,727.5	1,420,193.5	298.75					
Roadway51-2	35.0	point741	741	679,888.6	1,420,957.9	294.30				Average	
		point421	421	679,965.2	1,420,893.9	294.67				Average	
		point422	422	680,056.0	1,420,812.6	295.19				Average	
		point423	423	680,331.4	1,420,554.4	295.33					
Roadway52-Roadway51	30.0	point424	424	678,905.5	1,421,354.0	288.68				Average	
		point425	425	678,985.0	1,421,312.0	289.32				Average	
		point426	426	679,107.0	1,421,261.5	289.99				Average	
		point427	427	679,256.0	1,421,218.5	290.99				Average	
		point428	428	679,406.5	1,421,178.0	291.81				Average	
		point429	429	679,529.0	1,421,144.0	292.44				Average	
		point430	430	679,583.4	1,421,126.6	292.73				Average	
		point417	417	679,586.8	1,421,126.2	292.77				Average	
		point418	418	679,678.0	1,421,087.5	293.24				Average	
		point419	419	679,791.6	1,421,023.4	293.79				Average	
		point420	420	679,888.6	1,420,957.9	294.30					

CHA				9 March 2012								
EVN				TNM 2.5								
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	9546											
RUN:	Flyover											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Roadway3	point23	23	3430	58	35	58	35	58	0	0	0	0
	point24	24	3430	58	35	58	35	58	0	0	0	0
	point649	649	3430	58	35	58	35	58	0	0	0	0
	point25	25	3430	58	35	58	35	58	0	0	0	0
	point26	26	3430	58	35	58	35	58	0	0	0	0
	point27	27	3430	58	35	58	35	58	0	0	0	0
	point28	28	3430	58	35	58	35	58	0	0	0	0
	point29	29	3430	58	35	58	35	58	0	0	0	0
	point30	30	3430	58	35	58	35	58	0	0	0	0
	point31	31	3430	58	35	58	35	58	0	0	0	0
	point32	32										
Roadway4	point33	33	2360	57	26	57	26	57	0	0	0	0
	point34	34	2360	57	26	57	26	57	0	0	0	0
	point35	35	2360	57	26	57	26	57	0	0	0	0
	point36	36	2360	57	26	57	26	57	0	0	0	0
	point37	37	2360	57	26	57	26	57	0	0	0	0
	point38	38	2360	57	26	57	26	57	0	0	0	0
	point39	39	2360	57	26	57	26	57	0	0	0	0
	point40	40	2360	57	26	57	26	57	0	0	0	0
	point41	41	2360	57	26	57	26	57	0	0	0	0
	point42	42	2360	57	26	57	26	57	0	0	0	0
	point43	43	2360	57	26	57	26	57	0	0	0	0
	point44	44										

Roadway5	point45	45	2172	64	23	64	25	64	0	0	0	0
	point46	46	2172	64	23	64	25	64	0	0	0	0
	point47	47	2172	64	23	64	25	64	0	0	0	0
	point48	48	2172	64	23	64	25	64	0	0	0	0
	point49	49	2172	64	23	64	25	64	0	0	0	0
	point50	50	2172	64	23	64	25	64	0	0	0	0
	point51	51	2172	64	23	64	25	64	0	0	0	0
	point52	52	2172	64	23	64	25	64	0	0	0	0
	point53	53	2172	64	23	64	25	64	0	0	0	0
	point54	54	2172	64	23	64	25	64	0	0	0	0
	point55	55	2172	64	23	64	25	64	0	0	0	0
	point56	56	2172	64	23	64	25	64	0	0	0	0
	point57	57	2172	64	23	64	25	64	0	0	0	0
	point58	58	2172	64	23	64	25	64	0	0	0	0
	point59	59	2172	64	23	64	25	64	0	0	0	0
	point60	60										
Roadway6	point61	61	1372	64	14	64	14	64	0	0	0	0
	point62	62	1372	64	14	64	14	64	0	0	0	0
	point63	63	1372	64	14	64	14	64	0	0	0	0
	point64	64	1372	64	14	64	14	64	0	0	0	0
	point65	65	1372	64	14	64	14	64	0	0	0	0
	point66	66	1372	64	14	64	14	64	0	0	0	0
	point67	67	1372	64	14	64	14	64	0	0	0	0
	point68	68	1372	64	14	64	14	64	0	0	0	0
	point69	69	1372	64	14	64	14	64	0	0	0	0
	point70	70	1372	64	14	64	14	64	0	0	0	0
	point71	71	1372	64	14	64	14	64	0	0	0	0
	point569	569	1372	64	14	64	14	64	0	0	0	0
	point72	72										
Roadway7	point76	76	2198	64	8	64	22	64	0	0	0	0
	point75	75	2198	64	8	64	22	64	0	0	0	0
	point74	74	2198	64	8	64	22	64	0	0	0	0
	point73	73										
Roadway8	point97	97	1000	55	15	55	4	55	0	0	0	0
	point96	96	1000	55	15	55	4	55	0	0	0	0
	point95	95	1000	55	15	55	4	55	0	0	0	0

	point94	94	1000	55	15	55	4	55	0	0	0	0
	point93	93	1000	55	15	55	4	55	0	0	0	0
	point92	92	1000	55	15	55	4	55	0	0	0	0
	point91	91	1000	55	15	55	4	55	0	0	0	0
	point90	90	1000	55	15	55	4	55	0	0	0	0
	point89	89	1000	55	15	55	4	55	0	0	0	0
	point88	88	1000	55	15	55	4	55	0	0	0	0
	point87	87	1000	55	15	55	4	55	0	0	0	0
	point86	86	1000	55	15	55	4	55	0	0	0	0
	point85	85	1000	55	15	55	4	55	0	0	0	0
	point84	84	1000	55	15	55	4	55	0	0	0	0
	point83	83	1000	55	15	55	4	55	0	0	0	0
	point82	82	1000	55	15	55	4	55	0	0	0	0
	point81	81	1000	55	15	55	4	55	0	0	0	0
	point80	80	1000	55	15	55	4	55	0	0	0	0
	point79	79	1000	55	15	55	4	55	0	0	0	0
	point78	78	1000	55	15	55	4	55	0	0	0	0
	point77	77										
Roadway9	point103	103	1717	45	25	45	7	45	0	0	0	0
	point102	102	1717	45	25	45	7	45	0	0	0	0
	point101	101	1717	45	25	45	7	45	0	0	0	0
	point100	100	1717	45	25	45	7	45	0	0	0	0
	point99	99	1717	45	25	45	7	45	0	0	0	0
	point98	98										
Roadway10	point104	104	1035	40	10	40	0	0	0	0	0	0
	point105	105	1035	40	10	40	0	0	0	0	0	0
	point106	106										
Roadway11	point110	110	710	40	14	40	4	40	0	0	0	0
	point109	109	710	40	14	40	4	40	0	0	0	0
	point108	108	710	40	14	40	4	40	0	0	0	0
	point107	107										
Roadway12	point111	111	188	45	3	45	1	45	0	0	0	0
	point112	112	188	45	3	45	1	45	0	0	0	0
	point113	113	188	45	3	45	1	45	0	0	0	0
	point114	114	188	45	3	45	1	45	0	0	0	0
	point115	115	188	45	3	45	1	45	0	0	0	0

	point116	116	188	45	3	45	1	45	0	0	0	0
	point117	117	188	45	3	45	1	45	0	0	0	0
	point118	118	188	45	3	45	1	45	0	0	0	0
	point119	119	188	45	3	45	1	45	0	0	0	0
	point120	120	188	45	3	45	1	45	0	0	0	0
	point121	121	188	45	3	45	1	45	0	0	0	0
	point122	122	188	35	3	35	1	35	0	0	0	0
	point123	123	188	35	3	35	1	35	0	0	0	0
	point124	124										
Roadway13	point140	140	220	40	2	40	3	40	0	0	0	0
	point139	139	220	40	2	40	3	40	0	0	0	0
	point138	138	220	40	2	40	3	40	0	0	0	0
	point137	137	220	40	2	40	3	40	0	0	0	0
	point726	726										
Roadway14	point150	150	408	45	18	45	4	45	0	0	0	0
	point149	149	408	45	18	45	4	45	0	0	0	0
	point148	148	408	45	18	45	4	45	0	0	0	0
	point147	147	408	45	18	45	4	45	0	0	0	0
	point146	146	408	45	18	45	4	45	0	0	0	0
	point145	145	408	45	18	45	4	45	0	0	0	0
	point144	144	408	45	18	45	4	45	0	0	0	0
	point143	143	408	45	18	45	4	45	0	0	0	0
	point142	142	408	45	18	45	4	45	0	0	0	0
	point141	141										
Roadway15	point153	153	83	55	6	55	2	55	0	0	0	0
	point152	152	83	55	6	55	2	55	0	0	0	0
	point151	151										
Roadway16	point158	158	202	55	9	55	2	55	0	0	0	0
	point157	157	202	55	9	55	2	55	0	0	0	0
	point156	156	202	55	9	55	2	55	0	0	0	0
	point155	155	202	55	9	55	2	55	0	0	0	0
	point154	154										
Roadway17	point163	163	285	55	15	55	4	55	0	0	0	0
	point162	162	285	55	15	55	4	55	0	0	0	0
	point161	161	285	55	15	55	4	55	0	0	0	0
	point160	160	285	55	15	55	4	55	0	0	0	0

	point159	159										
Roadway18	point186	186	5285	62	46	62	55	62	0	0	0	0
	point185	185	5285	62	46	62	55	62	0	0	0	0
	point184	184	5285	62	46	62	55	62	0	0	0	0
	point183	183	5285	62	46	62	55	62	0	0	0	0
	point182	182	5285	62	46	62	55	62	0	0	0	0
	point181	181	5285	62	46	62	55	62	0	0	0	0
	point179	179	5285	62	46	62	55	62	0	0	0	0
	point178	178	5285	62	46	62	55	62	0	0	0	0
	point177	177	5285	62	46	62	55	62	0	0	0	0
	point176	176	5285	62	46	62	55	62	0	0	0	0
	point175	175	5285	62	46	62	55	62	0	0	0	0
	point174	174	5285	62	46	62	55	62	0	0	0	0
	point173	173										
Roadway19	point195	195	4657	58	45	58	53	58	0	0	0	0
	point194	194	4657	58	45	58	53	58	0	0	0	0
	point193	193	4657	58	45	58	53	58	0	0	0	0
	point192	192	4657	58	45	58	53	58	0	0	0	0
	point191	191	4657	58	45	58	53	58	0	0	0	0
	point190	190	4657	58	45	58	53	58	0	0	0	0
	point189	189	4657	58	45	58	53	58	0	0	0	0
	point188	188	4657	58	45	58	53	58	0	0	0	0
	point187	187										
Roadway20	point196	196	4657	58	45	58	53	58	0	0	0	0
	point197	197	4657	58	45	58	53	58	0	0	0	0
	point198	198	4657	58	45	58	53	58	0	0	0	0
	point199	199	4657	58	45	58	53	58	0	0	0	0
	point200	200	4657	58	45	58	53	58	0	0	0	0
	point201	201	4657	58	45	58	53	58	0	0	0	0
	point202	202	4657	58	45	58	53	58	0	0	0	0
	point203	203										
Roadway21	point204	204	5340	57	55	57	55	57	0	0	0	0
	point205	205	5340	57	55	57	55	57	0	0	0	0
	point206	206	5340	57	55	57	55	57	0	0	0	0
	point207	207	5340	57	55	57	55	57	0	0	0	0
	point208	208	5340	57	55	57	55	57	0	0	0	0

	point209	209	5340	57	55	57	55	57	0	0	0	0
	point210	210	5340	57	55	57	55	57	0	0	0	0
	point211	211	5340	57	55	57	55	57	0	0	0	0
	point212	212	5340	57	55	57	55	57	0	0	0	0
	point213	213	5340	57	55	57	55	57	0	0	0	0
	point214	214	5340	57	55	57	55	57	0	0	0	0
	point215	215	5340	57	55	57	55	57	0	0	0	0
	point216	216	5340	57	55	57	55	57	0	0	0	0
	point650	650	5340	57	55	57	55	57	0	0	0	0
	point217	217	5340	57	55	57	55	57	0	0	0	0
	point218	218										
Roadway22	point227	227	759	45	14	45	1	45	0	0	0	0
	point226	226	759	45	14	45	1	45	0	0	0	0
	point225	225	759	45	21	45	1	45	0	0	0	0
	point224	224	759	45	14	45	1	45	0	0	0	0
	point223	223	759	45	14	45	1	45	0	0	0	0
	point222	222	759	45	14	45	1	45	0	0	0	0
	point221	221	759	45	14	45	1	45	0	0	0	0
	point220	220	759	45	14	45	1	45	0	0	0	0
	point219	219										
Roadway23	point231	231	57	55	4	55	2	55	0	0	0	0
	point230	230	57	55	4	55	2	55	0	0	0	0
	point229	229	57	55	4	55	2	55	0	0	0	0
	point228	228										
Roadway24	point236	236	390	50	9	50	2	50	0	0	0	0
	point235	235	390	50	9	50	2	50	0	0	0	0
	point234	234	390	50	9	50	2	50	0	0	0	0
	point233	233	390	50	9	50	2	50	0	0	0	0
	point232	232										
Roadway25	point243	243	447	55	13	55	4	55	0	0	0	0
	point242	242	447	55	13	55	4	55	0	0	0	0
	point241	241	447	55	13	55	4	55	0	0	0	0
	point240	240	447	55	13	55	4	55	0	0	0	0
	point239	239	447	55	13	55	4	55	0	0	0	0
	point238	238	447	55	13	55	4	55	0	0	0	0
	point237	237										

Roadway26	point258	258	717	55	10	55	3	55	0	0	0	0
	point257	257	717	55	10	55	3	55	0	0	0	0
	point256	256	717	55	10	55	3	55	0	0	0	0
	point255	255	717	55	10	55	3	55	0	0	0	0
	point254	254	717	55	10	55	3	55	0	0	0	0
	point253	253	717	55	10	55	3	55	0	0	0	0
	point252	252	717	55	10	55	3	55	0	0	0	0
	point251	251	717	55	10	55	3	55	0	0	0	0
	point250	250	717	55	10	55	3	55	0	0	0	0
	point249	249	717	55	10	55	3	55	0	0	0	0
	point248	248	717	55	10	55	3	55	0	0	0	0
	point247	247	717	55	10	55	3	55	0	0	0	0
	point246	246	717	55	10	55	3	55	0	0	0	0
	point245	245	717	55	10	55	3	55	0	0	0	0
	point244	244										
Roadway27	point275	275	683	55	10	55	2	55	0	0	0	0
	point274	274	683	55	10	55	2	55	0	0	0	0
	point273	273	683	55	10	55	2	55	0	0	0	0
	point272	272	683	55	10	55	2	55	0	0	0	0
	point271	271	683	55	10	55	2	55	0	0	0	0
	point270	270	683	55	10	55	2	55	0	0	0	0
	point269	269	683	55	10	55	2	55	0	0	0	0
	point268	268	683	55	10	55	2	55	0	0	0	0
	point267	267	683	55	10	55	2	55	0	0	0	0
	point266	266	683	55	10	55	2	55	0	0	0	0
	point265	265	683	55	10	55	2	55	0	0	0	0
	point264	264	683	55	10	55	2	55	0	0	0	0
	point263	263	683	55	10	55	2	55	0	0	0	0
	point262	262	683	55	10	55	2	55	0	0	0	0
	point261	261	683	55	10	55	2	55	0	0	0	0
	point260	260	683	55	10	55	2	55	0	0	0	0
	point259	259										
Roadway28	point276	276	775	40	19	40	3	40	0	0	0	0
	point277	277	775	40	19	40	3	40	0	0	0	0
	point278	278	775	40	19	40	3	40	0	0	0	0
	point279	279	775	40	19	40	3	40	0	0	0	0

	point280	280										
Roadway29	point296	296	1234	40	29	40	1	40	0	0	0	0
	point297	297	1234	40	29	40	1	40	0	0	0	0
	point298	298	1234	40	29	40	1	40	0	0	0	0
	point299	299	1234	40	29	40	1	40	0	0	0	0
	point300	300	1234	40	29	40	1	40	0	0	0	0
	point301	301	1234	40	29	40	1	40	0	0	0	0
	point302	302	1234	40	29	40	1	40	0	0	0	0
	point303	303	1234	40	29	40	1	40	0	0	0	0
	point304	304										
Roadway30	point313	313	1042	40	8	40	0	0	0	0	0	0
	point314	314	1042	40	8	40	0	0	0	0	0	0
	point315	315										
Roadway31	point322	322	865	40	7	40	0	0	0	0	0	0
	point321	321	865	40	7	40	0	0	0	0	0	0
	point320	320	865	40	7	40	0	0	0	0	0	0
	point319	319	865	40	7	40	0	0	0	0	0	0
	point318	318										
Roadway32	point328	328	177	40	1	40	0	0	0	0	0	0
	point327	327	177	40	1	40	0	0	0	0	0	0
	point326	326	177	40	1	40	0	0	0	0	0	0
	point325	325	177	40	1	40	0	0	0	0	0	0
	point324	324	177	40	1	40	0	0	0	0	0	0
	point323	323										
Roadway33	point329	329	253	40	3	40	3	40	0	0	0	0
	point330	330	253	40	3	40	3	40	0	0	0	0
	point331	331	253	40	3	40	3	40	0	0	0	0
	point332	332	253	40	3	40	3	40	0	0	0	0
	point333	333										
Roadway34	point334	334	220	40	2	40	3	40	0	0	0	0
	point335	335	220	40	2	40	3	40	0	0	0	0
	point336	336										
Roadway35	point342	342	869	40	6	40	1	40	0	0	0	0
	point341	341	869	40	6	40	1	40	0	0	0	0
	point340	340	869	40	6	40	1	40	0	0	0	0
	point339	339	869	40	6	40	1	40	0	0	0	0

	point338	338	869	40	6	40	1	40	0	0	0	0
	point337	337										
Roadway36	point346	346	869	40	6	40	1	40	0	0	0	0
	point345	345	869	40	6	40	1	40	0	0	0	0
	point344	344	869	40	6	40	1	40	0	0	0	0
	point343	343										
Roadway37	point351	351	462	40	3	40	1	40	0	0	0	0
	point350	350	462	40	3	40	1	40	0	0	0	0
	point349	349	462	40	3	40	1	40	0	0	0	0
	point348	348	462	40	3	40	1	40	0	0	0	0
	point347	347										
Roadway38	point352	352	177	40	1	40	0	0	0	0	0	0
	point353	353	177	40	1	40	0	0	0	0	0	0
	point354	354	177	40	1	40	0	0	0	0	0	0
	point355	355	177	40	1	40	0	0	0	0	0	0
	point356	356										
Roadway39	point362	362	230	40	2	40	0	0	0	0	0	0
	point361	361	230	40	2	40	0	0	0	0	0	0
	point360	360	230	40	2	40	0	0	0	0	0	0
	point359	359	230	40	2	40	0	0	0	0	0	0
	point358	358	230	40	2	40	0	0	0	0	0	0
	point357	357										
Roadway41	point369	369	253	40	3	40	3	40	0	0	0	0
	point368	368	253	40	3	40	3	40	0	0	0	0
	point367	367	253	40	3	40	3	40	0	0	0	0
	point366	366	253	40	3	40	3	40	0	0	0	0
	point365	365										
Roadway42	point370	370	590	40	17	40	6	40	0	0	0	0
	point371	371										
Roadway43	point379	379	590	40	17	40	6	40	0	0	0	0
	point378	378	590	40	17	40	6	40	0	0	0	0
	point730	730	590	40	17	40	6	40	0	0	0	0
	point376	376	590	40	17	40	6	40	0	0	0	0
	point375	375	590	40	17	40	6	40	0	0	0	0
	point374	374	590	40	17	40	6	40	0	0	0	0
	point373	373	590	40	17	40	6	40	0	0	0	0

	point372	372										
Roadway44	point380	380	123	40	9	40	1	40	0	0	0	0
	point381	381	123	40	9	40	1	40	0	0	0	0
	point382	382	123	40	9	40	1	40	0	0	0	0
	point383	383	123	40	9	40	1	40	0	0	0	0
	point384	384	123	40	9	40	1	40	0	0	0	0
	point385	385	123	40	9	40	1	40	0	0	0	0
	point386	386	123	40	9	40	1	40	0	0	0	0
	point387	387	123	40	9	40	1	40	0	0	0	0
	point388	388	123	40	9	40	1	40	0	0	0	0
	point389	389										
Roadway45	point393	393	754	40	8	40	0	0	0	0	0	0
	point392	392	754	40	8	40	0	0	0	0	0	0
	point391	391	754	40	8	40	0	0	0	0	0	0
	point390	390										
Roadway46	point397	397	136	40	2	40	0	0	0	0	0	0
	point396	396	136	40	2	40	0	0	0	0	0	0
	point395	395	136	40	2	40	0	0	0	0	0	0
	point394	394										
Roadway47	point401	401	618	40	6	40	0	0	0	0	0	0
	point400	400	618	40	6	40	0	0	0	0	0	0
	point399	399	618	40	6	40	0	0	0	0	0	0
	point398	398										
Roadway48	point405	405	618	40	6	40	0	0	0	0	0	0
	point404	404	618	40	6	40	0	0	0	0	0	0
	point403	403	618	40	6	40	0	0	0	0	0	0
	point402	402										
Roadway49	point410	410	547	45	8	45	2	45	0	0	0	0
	point409	409	547	45	8	45	2	45	0	0	0	0
	point408	408	547	45	8	45	2	45	0	0	0	0
	point407	407	547	45	8	45	2	45	0	0	0	0
	point406	406										
Roadway50	point411	411	547	40	8	40	2	40	0	0	0	0
	point412	412	547	40	8	40	2	40	0	0	0	0
	point413	413	547	40	8	40	2	40	0	0	0	0
	point414	414	547	40	8	40	2	40	0	0	0	0

	point415	415	547	40	8	40	2	40	0	0	0	0
	point416	416										
Roadway51	point417	417	705	40	23	40	2	40	0	0	0	0
	point418	418	705	40	23	40	2	40	0	0	0	0
	point419	419	705	40	23	40	2	40	0	0	0	0
	point420	420	705	40	23	40	2	40	0	0	0	0
	point421	421	705	40	23	40	2	40	0	0	0	0
	point422	422	705	40	23	40	2	40	0	0	0	0
	point423	423										
Roadway52	point424	424	1252	40	31	40	4	40	0	0	0	0
	point425	425	1252	40	31	40	4	40	0	0	0	0
	point426	426	1252	40	31	40	4	40	0	0	0	0
	point427	427	1252	40	31	40	4	40	0	0	0	0
	point428	428	1252	40	31	40	4	40	0	0	0	0
	point429	429	1252	40	31	40	4	40	0	0	0	0
	point430	430										
Roadway53	point431	431	1252	40	31	40	4	40	0	0	0	0
	point432	432	1252	40	31	40	4	40	0	0	0	0
	point433	433	1252	40	31	40	4	40	0	0	0	0
	point434	434	1252	40	31	40	4	40	0	0	0	0
	point435	435	1252	40	31	40	4	40	0	0	0	0
	point436	436	1252	40	31	40	4	40	0	0	0	0
	point437	437	1252	40	31	40	4	40	0	0	0	0
	point438	438										
Roadway54	point442	442	705	40	23	40	2	40	0	0	0	0
	point731	731	705	40	23	40	2	40	0	0	0	0
	point441	441	705	40	23	40	2	40	0	0	0	0
	point729	729	705	40	23	40	2	40	0	0	0	0
	point440	440	705	40	23	40	2	40	0	0	0	0
	point439	439										
Roadway55	point447	447	710	40	14	40	4	40	0	0	0	0
	point446	446	710	40	14	40	4	40	0	0	0	0
	point445	445	710	40	14	40	4	40	0	0	0	0
	point444	444	710	40	14	40	4	40	0	0	0	0
	point443	443										
Roadway56	point448	448	1391	40	45	40	4	40	0	0	0	0

	point449	449	1391	40	45	40	4	40	0	0	0	0
	point450	450	1391	40	45	40	4	40	0	0	0	0
	point451	451	1391	40	45	40	4	40	0	0	0	0
	point452	452	1391	40	45	40	4	40	0	0	0	0
	point453	453										
Roadway57	point458	458	159	40	5	40	0	0	0	0	0	0
	point457	457	159	40	5	40	0	0	0	0	0	0
	point456	456	159	40	5	40	0	0	0	0	0	0
	point455	455	159	40	5	40	0	0	0	0	0	0
	point454	454										
Roadway58	point459	459	1232	40	40	40	4	40	0	0	0	0
	point460	460	1232	40	40	40	4	40	0	0	0	0
	point461	461										
Roadway59	point462	462	1232	40	40	40	4	40	0	0	0	0
	point463	463	1232	40	40	40	4	40	0	0	0	0
	point464	464	1232	40	40	40	4	40	0	0	0	0
	point465	465	1232	40	40	40	4	40	0	0	0	0
	point466	466										
Roadway61	point472	472	122	40	1	40	0	0	0	0	0	0
	point473	473	122	40	1	40	0	0	0	0	0	0
	point474	474	122	40	1	40	0	0	0	0	0	0
	point475	475										
Roadway62	point476	476	727	40	6	40	0	0	0	0	0	0
	point477	477	727	40	6	40	0	0	0	0	0	0
	point478	478	727	40	6	40	0	0	0	0	0	0
	point479	479										
Roadway63	point498	498	727	40	6	40	0	0	0	0	0	0
	point497	497	727	40	6	40	0	0	0	0	0	0
	point496	496	727	40	6	40	0	0	0	0	0	0
	point495	495	727	40	6	40	0	0	0	0	0	0
	point494	494	727	40	6	40	0	0	0	0	0	0
	point493	493	727	40	6	40	0	0	0	0	0	0
	point492	492										
Roadway64	point507	507	416	40	32	40	4	40	0	0	0	0
	point506	506	416	40	32	40	4	40	0	0	0	0
	point505	505	416	40	32	40	4	40	0	0	0	0

	point504	504	416	40	32	40	4	40	0	0	0	0
	point503	503	416	40	32	40	4	40	0	0	0	0
	point502	502	416	40	32	40	4	40	0	0	0	0
	point501	501	416	40	32	40	4	40	0	0	0	0
	point500	500	416	40	32	40	4	40	0	0	0	0
	point499	499										
Roadway65	point518	518	123	40	9	40	1	40	0	0	0	0
	point517	517	123	40	9	40	1	40	0	0	0	0
	point516	516	123	40	9	40	1	40	0	0	0	0
	point515	515	123	40	9	40	1	40	0	0	0	0
	point514	514	123	40	9	40	1	40	0	0	0	0
	point513	513	123	40	9	40	1	40	0	0	0	0
	point512	512	123	40	9	40	1	40	0	0	0	0
	point511	511	123	40	9	40	1	40	0	0	0	0
	point510	510	123	40	9	40	1	40	0	0	0	0
	point509	509	123	40	9	40	1	40	0	0	0	0
	point508	508										
Roadway66	point522	522	926	40	17	40	0	0	0	0	0	0
	point521	521	926	40	17	40	0	0	0	0	0	0
	point520	520	926	40	17	40	0	0	0	0	0	0
	point519	519										
Roadway67	point527	527	597	40	14	40	4	40	0	0	0	0
	point526	526	597	40	14	40	4	40	0	0	0	0
	point525	525	597	40	14	40	4	40	0	0	0	0
	point524	524	597	40	14	40	4	40	0	0	0	0
	point523	523										
Roadway68	point532	532	987	40	23	40	6	40	0	0	0	0
	point531	531	987	40	23	40	6	40	0	0	0	0
	point530	530	987	40	23	40	6	40	0	0	0	0
	point529	529	987	40	23	40	6	40	0	0	0	0
	point528	528										
Roadway69	point533	533	508	40	21	40	5	40	0	0	0	0
	point534	534	508	40	21	40	5	40	0	0	0	0
	point535	535	508	40	21	40	5	40	0	0	0	0
	point536	536										
Roadway70	point541	541	390	40	9	40	2	40	0	0	0	0

	point540	540	390	40	9	40	2	40	0	0	0	0
	point539	539	390	40	9	40	2	40	0	0	0	0
	point538	538	390	40	9	40	2	40	0	0	0	0
	point537	537										
Roadway71	point548	548	430	40	11	40	1	40	0	0	0	0
	point547	547	430	40	11	40	1	40	0	0	0	0
	point546	546	430	40	11	40	1	40	0	0	0	0
	point545	545	430	40	11	40	1	40	0	0	0	0
	point544	544	430	40	11	40	1	40	0	0	0	0
	point543	543	430	40	11	40	1	40	0	0	0	0
	point542	542										
Roadway72	point549	549	218	40	16	40	6	40	0	0	0	0
	point550	550	218	40	16	40	6	40	0	0	0	0
	point551	551										
Roadway73	point552	552	218	40	16	40	6	40	0	0	0	0
	point553	553	218	40	16	40	6	40	0	0	0	0
	point554	554	218	40	16	40	6	40	0	0	0	0
	point555	555										
Roadway74	point556	556	1372	64	14	64	14	64	0	0	0	0
	point557	557	1372	64	14	64	14	64	0	0	0	0
	point558	558	1372	64	14	64	14	64	0	0	0	0
	point559	559	1372	64	14	64	14	64	0	0	0	0
	point560	560	1372	64	14	64	14	64	0	0	0	0
	point561	561	1372	64	14	64	14	64	0	0	0	0
	point562	562	1372	64	14	64	14	64	0	0	0	0
	point563	563	1372	64	14	64	14	64	0	0	0	0
	point564	564	1372	64	14	64	14	64	0	0	0	0
	point565	565	1372	64	14	64	14	64	0	0	0	0
	point566	566	1372	64	14	64	14	64	0	0	0	0
	point568	568	1372	64	14	64	14	64	0	0	0	0
	point567	567										
Roadway75	point577	577	159	40	5	40	0	0	0	0	0	0
	point576	576	159	40	5	40	0	0	0	0	0	0
	point575	575	159	40	5	40	0	0	0	0	0	0
	point574	574	159	40	5	40	0	0	0	0	0	0
	point573	573	159	40	5	40	0	0	0	0	0	0

	point572	572	159	40	5	40	0	0	0	0	0	0
	point571	571	159	40	5	40	0	0	0	0	0	0
	point570	570										
Roadway76	point585	585	108	40	3	40	1	40	0	0	0	0
	point584	584	108	40	3	40	1	40	0	0	0	0
	point583	583	108	40	3	40	1	40	0	0	0	0
	point582	582	108	40	3	40	1	40	0	0	0	0
	point581	581	108	40	3	40	1	40	0	0	0	0
	point580	580	108	40	3	40	1	40	0	0	0	0
	point579	579	108	40	3	40	1	40	0	0	0	0
	point578	578										
Roadway77	point591	591	416	40	32	40	4	40	0	0	0	0
	point590	590	416	40	32	40	4	40	0	0	0	0
	point589	589	416	40	32	40	4	40	0	0	0	0
	point588	588	416	40	32	40	4	40	0	0	0	0
	point587	587	416	40	32	40	4	40	0	0	0	0
	point586	586										
Roadway78	point595	595	1653	40	16	40	0	0	0	0	0	0
	point594	594	1653	40	16	40	0	0	0	0	0	0
	point593	593	1653	40	16	40	0	0	0	0	0	0
	point592	592										
Roadway80	point603	603	462	40	3	40	1	40	0	0	0	0
	point602	602	462	40	3	40	1	40	0	0	0	0
	point601	601	462	40	3	40	1	40	0	0	0	0
	point600	600	462	40	3	40	1	40	0	0	0	0
	point599	599										
Roadway81	point609	609	267	40	8	40	1	40	0	0	0	0
	point608	608	267	40	8	40	1	40	0	0	0	0
	point607	607	267	40	8	40	1	40	0	0	0	0
	point606	606	267	40	8	40	1	40	0	0	0	0
	point605	605	267	40	8	40	1	40	0	0	0	0
	point604	604										
Roadway82	point615	615	1035	40	10	40	0	0	0	0	0	0
	point614	614	1035	40	10	40	0	0	0	0	0	0
	point732	732	1035	40	10	40	0	0	0	0	0	0
	point612	612	1035	40	10	40	0	0	0	0	0	0

	point611	611	1035	40	10	40	0	0	0	0	0	0
	point610	610										
Roadway83	point619	619	136	40	2	40	0	0	0	0	0	0
	point728	728	136	40	2	40	0	0	0	0	0	0
	point618	618	136	40	2	40	0	0	0	0	0	0
	point617	617	136	40	2	40	0	0	0	0	0	0
	point616	616										
Roadway86	point635	635	93	40	1	40	1	40	0	0	0	0
	point634	634	93	40	1	40	1	40	0	0	0	0
	point633	633	93	40	1	40	1	40	0	0	0	0
	point632	632										
Roadway87	point636	636	93	40	1	40	1	40	0	0	0	0
	point637	637	93	40	1	40	1	40	0	0	0	0
	point638	638										
Roadway90	point645	645	173	40	8	40	2	40	0	0	0	0
	point644	644	173	40	8	40	2	40	0	0	0	0
	point643	643	173	40	8	40	2	40	0	0	0	0
	point642	642										
Roadway91	point648	648	296	40	12	40	3	40	0	0	0	0
	point647	647	296	40	12	40	3	40	0	0	0	0
	point646	646										
Roadway92	point651	651	212	30	0	0	0	0	0	0	0	0
	point652	652	212	30	0	0	0	0	0	0	0	0
	point653	653	212	30	0	0	0	0	0	0	0	0
	point654	654	212	30	0	0	0	0	0	0	0	0
	point655	655	212	30	0	0	0	0	0	0	0	0
	point656	656	212	30	0	0	0	0	0	0	0	0
	point657	657	212	30	0	0	0	0	0	0	0	0
	point658	658	212	30	0	0	0	0	0	0	0	0
	point659	659	212	30	0	0	0	0	0	0	0	0
	point660	660	212	30	0	0	0	0	0	0	0	0
	point661	661										
Roadway93	point662	662	212	30	0	0	0	0	0	0	0	0
	point663	663	212	30	0	0	0	0	0	0	0	0
	point664	664	212	30	0	0	0	0	0	0	0	0
	point665	665	212	30	0	0	0	0	0	0	0	0

	point666	666	212	30	0	0	0	0	0	0	0	0
	point667	667	212	30	0	0	0	0	0	0	0	0
	point668	668	212	30	0	0	0	0	0	0	0	0
	point669	669	212	30	0	0	0	0	0	0	0	0
	point670	670	212	30	0	0	0	0	0	0	0	0
	point671	671	212	30	0	0	0	0	0	0	0	0
	point672	672										
Roadway94	point673	673	71	30	4	30	1	30	0	0	0	0
	point674	674	71	30	4	30	1	30	0	0	0	0
	point675	675										
Roadway95	point676	676	28	40	2	40	0	0	0	0	0	0
	point677	677	28	40	2	40	0	0	0	0	0	0
	point678	678	28	40	2	40	0	0	0	0	0	0
	point679	679	28	40	2	40	0	0	0	0	0	0
	point680	680	28	40	2	40	0	0	0	0	0	0
	point681	681	28	40	2	40	0	0	0	0	0	0
	point682	682										
Roadway96	point683	683	28	40	2	40	0	0	0	0	0	0
	point684	684	28	40	2	40	0	0	0	0	0	0
	point685	685	28	40	2	40	0	0	0	0	0	0
	point686	686	28	40	2	40	0	0	0	0	0	0
	point687	687	28	40	2	40	0	0	0	0	0	0
	point688	688	28	40	2	40	0	0	0	0	0	0
	point689	689	28	40	2	40	0	0	0	0	0	0
	point690	690	28	40	2	40	0	0	0	0	0	0
	point691	691	28	40	2	40	0	0	0	0	0	0
	point692	692	28	40	2	40	0	0	0	0	0	0
	point693	693										
Roadway97	point694	694	10	30	0	0	0	0	0	0	0	0
	point695	695	10	30	0	0	0	0	0	0	0	0
	point696	696	10	30	0	0	0	0	0	0	0	0
	point697	697										
Roadway98	point698	698	180	30	4	30	1	30	0	0	0	0
	point699	699	180	30	4	30	1	30	0	0	0	0
	point700	700										
Roadway99	point701	701	10	40	0	0	0	0	0	0	0	0

	point702	702										
Roadway29-2	point703	703	1224	40	29	40	1	40	0	0	0	0
	point305	305										
Roadway29-2-2	point704	704	1224	40	29	40	1	40	0	0	0	0
	point306	306										
Roadway102	point705	705	180	40	4	40	1	40	0	0	0	0
	point706	706	180	40	4	40	1	40	0	0	0	0
	point707	707	180	40	4	40	1	40	0	0	0	0
	point708	708	180	40	4	40	1	40	0	0	0	0
	point709	709	180	40	4	40	1	40	0	0	0	0
	point710	710										
Roadway28-2	point711	711	666	40	19	40	3	40	0	0	0	0
	point716	716	666	40	19	40	3	40	0	0	0	0
	point717	717	666	40	19	40	3	40	0	0	0	0
	point285	285	666	40	19	40	3	40	0	0	0	0
	point286	286	666	40	19	40	3	40	0	0	0	0
	point287	287	666	40	19	40	3	40	0	0	0	0
	point288	288	666	40	19	40	3	40	0	0	0	0
	point289	289	666	40	19	40	3	40	0	0	0	0
	point290	290	666	40	19	40	3	40	0	0	0	0
	point291	291	666	40	19	40	3	40	0	0	0	0
	point292	292	666	40	19	40	3	40	0	0	0	0
	point293	293	666	40	19	40	3	40	0	0	0	0
	point294	294	666	40	19	40	3	40	0	0	0	0
	point295	295										
Roadway28-2	point712	712	595	40	15	40	2	40	0	0	0	0
	point281	281	595	40	15	40	2	40	0	0	0	0
	point282	282	595	40	15	40	2	40	0	0	0	0
	point283	283	595	40	15	40	2	40	0	0	0	0
	point284	284										
Roadway105	point713	713	19	30	4	30	1	30	0	0	0	0
	point714	714	19	30	4	30	1	30	0	0	0	0
	point715	715										
Roadway29-2-2-2	point718	718	1252	40	31	40	1	40	0	0	0	0
	point307	307	1252	40	31	40	1	40	0	0	0	0
	point308	308	1252	40	31	40	1	40	0	0	0	0

	point309	309	1252	40	31	40	1	40	0	0	0	0
	point310	310	1252	40	31	40	1	40	0	0	0	0
	point311	311	1252	40	31	40	1	40	0	0	0	0
	point312	312										
Roadway31-2	point719	719	865	40	7	40	0	0	0	0	0	0
	point317	317	865	40	7	40	0	0	0	0	0	0
	point316	316										
Roadway108	point720	720	122	40	1	40	0	0	0	0	0	0
	point721	721	122	40	1	40	0	0	0	0	0	0
	point722	722	122	40	1	40	0	0	0	0	0	0
	point723	723	122	40	1	40	0	0	0	0	0	0
	point724	724	122	40	1	40	0	0	0	0	0	0
	point725	725										
Roadway13-2	point727	727	572	55	5	55	3	55	0	0	0	0
	point136	136	572	55	5	55	3	55	0	0	0	0
	point135	135	572	55	5	55	3	55	0	0	0	0
	point134	134	572	55	5	55	3	55	0	0	0	0
	point133	133	572	55	5	55	3	55	0	0	0	0
	point132	132	572	55	5	55	3	55	0	0	0	0
	point131	131	572	55	5	55	3	55	0	0	0	0
	point130	130	572	55	5	55	3	55	0	0	0	0
	point129	129	572	55	5	55	3	55	0	0	0	0
	point128	128	572	55	5	55	3	55	0	0	0	0
	point127	127	572	55	5	55	3	55	0	0	0	0
	point126	126	572	55	5	55	3	55	0	0	0	0
	point125	125										
Roadway84-Roadway79	point597	597	1653	40	16	40	0	0	0	0	0	0
	point620	620	1653	40	16	40	0	0	0	0	0	0
	point621	621	1653	40	16	40	0	0	0	0	0	0
	point622	622	1653	40	16	40	0	0	0	0	0	0
	point623	623	1653	40	16	40	0	0	0	0	0	0
	point624	624	1653	40	16	40	0	0	0	0	0	0
	point625	625	1653	40	16	40	0	0	0	0	0	0
	point626	626	1653	40	16	40	0	0	0	0	0	0
	point627	627	1653	40	16	40	0	0	0	0	0	0
	point628	628	1653	40	16	40	0	0	0	0	0	0

	point629	629										
Roadway18-2	point733	733	5732	62	59	62	59	62	0	0	0	0
	point172	172	5732	62	59	62	59	62	0	0	0	0
	point171	171	5732	62	59	62	59	62	0	0	0	0
	point170	170	5732	62	59	62	59	62	0	0	0	0
	point169	169	5732	62	59	62	59	62	0	0	0	0
	point168	168	5732	62	59	62	59	62	0	0	0	0
	point167	167	5732	62	59	62	59	62	0	0	0	0
	point166	166	5732	62	59	62	59	62	0	0	0	0
	point165	165	5732	62	59	62	59	62	0	0	0	0
	point164	164										
Roadway63-2	point734	734	820	40	7	40	1	40	0	0	0	0
	point491	491	820	40	7	40	1	40	0	0	0	0
	point490	490	820	40	7	40	1	40	0	0	0	0
	point489	489	820	40	7	40	1	40	0	0	0	0
	point488	488	820	40	7	40	1	40	0	0	0	0
	point487	487	820	40	7	40	1	40	0	0	0	0
	point486	486	820	40	7	40	1	40	0	0	0	0
	point485	485	820	40	7	40	1	40	0	0	0	0
	point484	484	820	40	7	40	1	40	0	0	0	0
	point483	483	820	40	7	40	1	40	0	0	0	0
	point482	482	820	40	7	40	1	40	0	0	0	0
	point481	481	820	40	7	40	1	40	0	0	0	0
	point480	480										

CHA				9 March 2012								
EVN				TNM 2.5								
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	9546											
RUN:	Flyover											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Roadway3	point23	23	5300	57	54	57	54	57	0	0	0	0
	point24	24	5300	57	54	57	54	57	0	0	0	0
	point649	649	5300	57	54	57	54	57	0	0	0	0
	point25	25	5300	57	54	57	54	57	0	0	0	0
	point26	26	5300	57	54	57	54	57	0	0	0	0
	point27	27	5300	57	54	57	54	57	0	0	0	0
	point28	28	5300	57	54	57	54	57	0	0	0	0
	point29	29	5300	57	54	57	54	57	0	0	0	0
	point30	30	5300	57	54	57	54	57	0	0	0	0
	point31	31	5300	57	54	57	54	57	0	0	0	0
	point32	32										
Roadway4	point33	33	4102	57	46	57	50	57	0	0	0	0
	point34	34	4102	57	46	57	50	57	0	0	0	0
	point35	35	4102	57	46	57	50	57	0	0	0	0
	point36	36	4102	57	46	57	50	57	0	0	0	0
	point37	37	4102	57	46	57	50	57	0	0	0	0
	point38	38	4102	57	46	57	50	57	0	0	0	0
	point39	39	4102	57	46	57	50	57	0	0	0	0
	point40	40	4102	57	46	57	50	57	0	0	0	0
	point41	41	4102	57	46	57	50	57	0	0	0	0
	point42	42	4102	57	46	57	50	57	0	0	0	0
	point43	43	4102	57	46	57	50	57	0	0	0	0
	point44	44										

Roadway5	point45	45	3986	57	45	57	50	57	0	0	0	0
	point46	46	3986	57	45	57	50	57	0	0	0	0
	point47	47	3986	57	45	57	50	57	0	0	0	0
	point48	48	3986	57	45	57	50	57	0	0	0	0
	point49	49	3986	57	45	57	50	57	0	0	0	0
	point50	50	3986	57	45	57	50	57	0	0	0	0
	point51	51	3986	57	45	57	50	57	0	0	0	0
	point52	52	3986	57	45	57	50	57	0	0	0	0
	point53	53	3986	57	45	57	50	57	0	0	0	0
	point54	54	3986	57	45	57	50	57	0	0	0	0
	point55	55	3986	57	45	57	50	57	0	0	0	0
	point56	56	3986	57	45	57	50	57	0	0	0	0
	point57	57	3986	57	45	57	50	57	0	0	0	0
	point58	58	3986	57	45	57	50	57	0	0	0	0
	point59	59	3986	57	45	57	50	57	0	0	0	0
	point60	60										
Roadway6	point61	61	2793	60	28	60	28	60	0	0	0	0
	point62	62	2793	60	28	60	28	60	0	0	0	0
	point63	63	2793	60	28	60	28	60	0	0	0	0
	point64	64	2793	60	28	60	28	60	0	0	0	0
	point65	65	2793	60	28	60	28	60	0	0	0	0
	point66	66	2793	60	28	60	28	60	0	0	0	0
	point67	67	2793	60	28	60	28	60	0	0	0	0
	point68	68	2793	60	28	60	28	60	0	0	0	0
	point69	69	2793	60	28	60	28	60	0	0	0	0
	point70	70	2793	60	28	60	28	60	0	0	0	0
	point71	71	2793	60	28	60	28	60	0	0	0	0
	point569	569	2793	60	28	60	28	60	0	0	0	0
	point72	72										
Roadway7	point76	76	5157	60	50	60	53	60	0	0	0	0
	point75	75	5157	60	50	60	53	60	0	0	0	0
	point74	74	5157	60	50	60	53	60	0	0	0	0
	point73	73										
Roadway8	point97	97	1198	55	8	55	4	55	0	0	0	0
	point96	96	1198	55	8	55	4	55	0	0	0	0
	point95	95	1198	55	8	55	4	55	0	0	0	0

	point94	94	1198	55	8	55	4	55	0	0	0	0
	point93	93	1198	55	8	55	4	55	0	0	0	0
	point92	92	1198	55	8	55	4	55	0	0	0	0
	point91	91	1198	55	8	55	4	55	0	0	0	0
	point90	90	1198	55	8	55	4	55	0	0	0	0
	point89	89	1198	55	8	55	4	55	0	0	0	0
	point88	88	1198	55	8	55	4	55	0	0	0	0
	point87	87	1198	55	8	55	4	55	0	0	0	0
	point86	86	1198	55	8	55	4	55	0	0	0	0
	point85	85	1198	55	8	55	4	55	0	0	0	0
	point84	84	1198	55	8	55	4	55	0	0	0	0
	point83	83	1198	55	8	55	4	55	0	0	0	0
	point82	82	1198	55	8	55	4	55	0	0	0	0
	point81	81	1198	55	8	55	4	55	0	0	0	0
	point80	80	1198	55	8	55	4	55	0	0	0	0
	point79	79	1198	55	8	55	4	55	0	0	0	0
	point78	78	1198	55	8	55	4	55	0	0	0	0
	point77	77										
Roadway9	point103	103	1986	45	13	45	6	45	0	0	0	0
	point102	102	1986	45	13	45	6	45	0	0	0	0
	point101	101	1986	45	13	45	6	45	0	0	0	0
	point100	100	1986	45	13	45	6	45	0	0	0	0
	point99	99	1986	45	13	45	6	45	0	0	0	0
	point98	98										
Roadway10	point104	104	1388	40	9	40	4	40	0	0	0	0
	point105	105	1388	40	9	40	4	40	0	0	0	0
	point106	106										
Roadway11	point110	110	594	40	4	40	2	40	0	0	0	0
	point109	109	594	40	4	40	2	40	0	0	0	0
	point108	108	594	40	4	40	2	40	0	0	0	0
	point107	107										
Roadway12	point111	111	116	45	1	45	0	0	0	0	0	0
	point112	112	116	45	1	45	0	0	0	0	0	0
	point113	113	116	45	1	45	0	0	0	0	0	0
	point114	114	116	45	1	45	0	0	0	0	0	0
	point115	115	116	45	1	45	0	0	0	0	0	0

	point116	116	116	45	1	45	0	0	0	0	0	0
	point117	117	116	45	1	45	0	0	0	0	0	0
	point118	118	116	45	1	45	0	0	0	0	0	0
	point119	119	116	45	1	45	0	0	0	0	0	0
	point120	120	116	45	1	45	0	0	0	0	0	0
	point121	121	116	35	1	35	0	0	0	0	0	0
	point122	122	116	35	1	35	0	0	0	0	0	0
	point123	123	116	35	1	35	0	0	0	0	0	0
	point124	124										
Roadway13	point140	140	680	40	2	40	2	40	0	0	0	0
	point139	139	680	40	2	40	2	40	0	0	0	0
	point138	138	680	40	2	40	2	40	0	0	0	0
	point137	137	680	40	2	40	2	40	0	0	0	0
	point726	726										
Roadway14	point150	150	429	45	7	45	4	45	0	0	0	0
	point149	149	429	45	7	45	4	45	0	0	0	0
	point148	148	429	45	7	45	4	45	0	0	0	0
	point147	147	429	45	7	45	4	45	0	0	0	0
	point146	146	429	45	7	45	4	45	0	0	0	0
	point145	145	429	45	7	45	4	45	0	0	0	0
	point144	144	429	45	7	45	4	45	0	0	0	0
	point143	143	429	45	7	45	4	45	0	0	0	0
	point142	142	429	45	7	45	4	45	0	0	0	0
	point141	141										
Roadway15	point153	153	197	55	3	55	2	55	0	0	0	0
	point152	152	0	0	0	0	0	0	0	0	0	0
	point151	151										
Roadway16	point158	158	475	55	7	55	4	55	0	0	0	0
	point157	157	475	55	7	55	4	55	0	0	0	0
	point156	156	475	55	7	55	4	55	0	0	0	0
	point155	155	475	55	7	55	4	55	0	0	0	0
	point154	154										
Roadway17	point163	163	672	55	10	55	6	55	0	0	0	0
	point162	162	672	55	10	55	6	55	0	0	0	0
	point161	161	672	55	10	55	6	55	0	0	0	0
	point160	160	672	55	10	55	6	55	0	0	0	0

	point159	159										
Roadway18	point186	186	3182	62	30	62	34	62	0	0	0	0
	point185	185	3182	62	30	62	34	62	0	0	0	0
	point184	184	3182	62	30	62	34	62	0	0	0	0
	point183	183	3182	62	30	62	34	62	0	0	0	0
	point182	182	3182	62	30	62	34	62	0	0	0	0
	point181	181	3182	62	30	62	34	62	0	0	0	0
	point179	179	3182	62	30	62	34	62	0	0	0	0
	point178	178	3182	62	30	62	34	62	0	0	0	0
	point177	177	3182	62	30	62	34	62	0	0	0	0
	point176	176	3182	62	30	62	34	62	0	0	0	0
	point175	175	3182	62	30	62	34	62	0	0	0	0
	point174	174	3182	62	30	62	34	62	0	0	0	0
	point173	173										
Roadway19	point195	195	3034	59	34	59	37	59	0	0	0	0
	point194	194	3034	59	34	59	37	59	0	0	0	0
	point193	193	3034	59	34	59	37	59	0	0	0	0
	point192	192	3034	59	34	59	37	59	0	0	0	0
	point191	191	3034	59	34	59	37	59	0	0	0	0
	point190	190	3034	59	34	59	37	59	0	0	0	0
	point189	189	3034	59	34	59	37	59	0	0	0	0
	point188	188	3034	59	34	59	37	59	0	0	0	0
	point187	187										
Roadway20	point196	196	2838	58	32	58	35	58	0	0	0	0
	point197	197	2838	58	32	58	35	58	0	0	0	0
	point198	198	2838	58	32	58	35	58	0	0	0	0
	point199	199	2838	58	32	58	35	58	0	0	0	0
	point200	200	2838	58	32	58	35	58	0	0	0	0
	point201	201	2838	58	32	58	35	58	0	0	0	0
	point202	202	2838	58	32	58	35	58	0	0	0	0
	point203	203										
Roadway21	point204	204	4066	56	42	56	42	56	0	0	0	0
	point205	205	4066	56	42	56	42	56	0	0	0	0
	point206	206	4066	56	42	56	42	56	0	0	0	0
	point207	207	4066	56	42	56	42	56	0	0	0	0
	point208	208	4066	56	42	56	42	56	0	0	0	0

	point209	209	4066	56	42	56	42	56	0	0	0	0
	point210	210	4066	56	42	56	42	56	0	0	0	0
	point211	211	4066	56	42	56	42	56	0	0	0	0
	point212	212	4066	56	42	56	42	56	0	0	0	0
	point213	213	4066	56	42	56	42	56	0	0	0	0
	point214	214	4066	56	42	56	42	56	0	0	0	0
	point215	215	4066	56	42	56	42	56	0	0	0	0
	point216	216	4066	56	42	56	42	56	0	0	0	0
	point650	650	4066	56	42	56	42	56	0	0	0	0
	point217	217	4066	56	42	56	42	56	0	0	0	0
	point218	218										
Roadway22	point227	227	550	45	13	45	7	45	0	0	0	0
	point226	226	550	45	13	45	7	45	0	0	0	0
	point225	225	550	45	13	45	7	45	0	0	0	0
	point224	224	550	45	13	45	7	45	0	0	0	0
	point223	223	550	45	13	45	7	45	0	0	0	0
	point222	222	550	45	13	45	7	45	0	0	0	0
	point221	221	550	45	13	45	7	45	0	0	0	0
	point220	220	550	45	13	45	7	45	0	0	0	0
	point219	219										
Roadway23	point231	231	296	55	2	55	2	55	0	0	0	0
	point230	230	296	55	2	55	2	55	0	0	0	0
	point229	229	296	55	2	55	2	55	0	0	0	0
	point228	228										
Roadway24	point236	236	564	40	4	40	3	40	0	0	0	0
	point235	235	564	40	4	40	3	40	0	0	0	0
	point234	234	564	40	4	40	3	40	0	0	0	0
	point233	233	564	40	4	40	3	40	0	0	0	0
	point232	232										
Roadway25	point243	243	640	55	9	55	5	55	0	0	0	0
	point242	242	640	55	9	55	5	55	0	0	0	0
	point241	241	640	55	9	55	5	55	0	0	0	0
	point240	240	640	55	9	55	5	55	0	0	0	0
	point239	239	640	55	9	55	5	55	0	0	0	0
	point238	238	640	55	9	55	5	55	0	0	0	0
	point237	237										

Roadway26	point258	258	788	55	5	55	2	55	0	0	0	0
	point257	257	788	55	5	55	2	55	0	0	0	0
	point256	256	788	55	5	55	2	55	0	0	0	0
	point255	255	788	55	5	55	2	55	0	0	0	0
	point254	254	788	55	5	55	2	55	0	0	0	0
	point253	253	788	55	5	55	2	55	0	0	0	0
	point252	252	788	55	5	55	2	55	0	0	0	0
	point251	251	788	55	5	55	2	55	0	0	0	0
	point250	250	788	55	5	55	2	55	0	0	0	0
	point249	249	788	55	5	55	2	55	0	0	0	0
	point248	248	788	55	5	55	2	55	0	0	0	0
	point247	247	788	55	5	55	2	55	0	0	0	0
	point246	246	788	55	5	55	2	55	0	0	0	0
	point245	245	788	55	5	55	2	55	0	0	0	0
	point244	244										
Roadway27	point275	275	980	55	7	55	2	55	0	0	0	0
	point274	274	980	55	7	55	2	55	0	0	0	0
	point273	273	980	55	7	55	2	55	0	0	0	0
	point272	272	980	55	7	55	2	55	0	0	0	0
	point271	271	980	55	7	55	2	55	0	0	0	0
	point270	270	980	55	7	55	2	55	0	0	0	0
	point269	269	980	55	7	55	2	55	0	0	0	0
	point268	268	980	55	7	55	2	55	0	0	0	0
	point267	267	980	55	7	55	2	55	0	0	0	0
	point266	266	980	55	7	55	2	55	0	0	0	0
	point265	265	980	55	7	55	2	55	0	0	0	0
	point264	264	980	55	7	55	2	55	0	0	0	0
	point263	263	980	55	7	55	2	55	0	0	0	0
	point262	262	980	55	7	55	2	55	0	0	0	0
	point261	261	980	55	7	55	2	55	0	0	0	0
	point260	260	980	55	7	55	2	55	0	0	0	0
	point259	259										
Roadway28	point276	276	1593	40	15	40	0	0	0	0	0	0
	point277	277	1593	40	15	40	0	0	0	0	0	0
	point278	278	1593	40	15	40	0	0	0	0	0	0
	point279	279	1593	40	15	40	0	0	0	0	0	0

	point280	280										
Roadway29	point296	296	1086	40	9	40	1	40	0	0	0	0
	point297	297	1086	40	9	40	1	40	0	0	0	0
	point298	298	1086	40	9	40	1	40	0	0	0	0
	point299	299	1086	40	9	40	1	40	0	0	0	0
	point300	300	1086	40	9	40	1	40	0	0	0	0
	point301	301	1086	40	9	40	1	40	0	0	0	0
	point302	302	1086	40	9	40	1	40	0	0	0	0
	point303	303	1086	40	9	40	1	40	0	0	0	0
	point304	304										
Roadway30	point313	313	681	40	9	40	5	40	0	0	0	0
	point314	314	681	40	9	40	5	40	0	0	0	0
	point315	315										
Roadway31	point322	322	566	40	9	40	5	40	0	0	0	0
	point321	321	566	40	9	40	5	40	0	0	0	0
	point320	320	566	40	9	40	5	40	0	0	0	0
	point319	319	566	40	9	40	5	40	0	0	0	0
	point318	318										
Roadway32	point328	328	115	40	0	0	0	0	0	0	0	0
	point327	327	115	40	0	0	0	0	0	0	0	0
	point326	326	115	40	0	0	0	0	0	0	0	0
	point325	325	115	40	0	0	0	0	0	0	0	0
	point324	324	115	40	0	0	0	0	0	0	0	0
	point323	323										
Roadway33	point329	329	135	40	0	0	0	0	0	0	0	0
	point330	330	135	40	0	0	0	0	0	0	0	0
	point331	331	135	40	0	0	0	0	0	0	0	0
	point332	332	135	40	0	0	0	0	0	0	0	0
	point333	333										
Roadway34	point334	334	680	40	2	40	2	40	0	0	0	0
	point335	335	680	40	2	40	2	40	0	0	0	0
	point336	336										
Roadway35	point342	342	838	40	4	40	0	0	0	0	0	0
	point341	341	838	40	4	40	0	0	0	0	0	0
	point340	340	838	40	4	40	0	0	0	0	0	0
	point339	339	838	40	4	40	0	0	0	0	0	0

	point338	338	838	40	4	40	0	0	0	0	0	0
	point337	337										
Roadway36	point346	346	838	40	4	40	0	0	0	0	0	0
	point345	345	838	40	4	40	0	0	0	0	0	0
	point344	344	838	40	4	40	0	0	0	0	0	0
	point343	343										
Roadway37	point351	351	437	40	2	40	0	0	0	0	0	0
	point350	350	437	40	2	40	0	0	0	0	0	0
	point349	349	437	40	2	40	0	0	0	0	0	0
	point348	348	437	40	2	40	0	0	0	0	0	0
	point347	347										
Roadway38	point352	352	115	40	0	0	0	0	0	0	0	0
	point353	353	115	40	0	0	0	0	0	0	0	0
	point354	354	115	40	0	0	0	0	0	0	0	0
	point355	355	115	40	0	0	0	0	0	0	0	0
	point356	356										
Roadway39	point362	362	401	40	2	40	0	0	0	0	0	0
	point361	361	401	40	2	40	0	0	0	0	0	0
	point360	360	401	40	2	40	0	0	0	0	0	0
	point359	359	401	40	2	40	0	0	0	0	0	0
	point358	358	401	40	2	40	0	0	0	0	0	0
	point357	357										
Roadway41	point369	369	135	40	0	0	0	0	0	0	0	0
	point368	368	135	40	0	0	0	0	0	0	0	0
	point367	367	135	40	0	0	0	0	0	0	0	0
	point366	366	135	40	0	0	0	0	0	0	0	0
	point365	365										
Roadway42	point370	370	457	40	7	40	3	40	0	0	0	0
	point371	371										
Roadway43	point379	379	457	40	7	40	3	40	0	0	0	0
	point378	378	457	40	7	40	3	40	0	0	0	0
	point730	730	457	40	7	40	3	40	0	0	0	0
	point376	376	457	40	7	40	3	40	0	0	0	0
	point375	375	457	40	7	40	3	40	0	0	0	0
	point374	374	457	40	7	40	3	40	0	0	0	0
	point373	373	457	40	7	40	3	40	0	0	0	0

	point372	372										
Roadway44	point380	380	92	40	2	40	1	40	0	0	0	0
	point381	381	92	40	2	40	1	40	0	0	0	0
	point382	382	92	40	2	40	1	40	0	0	0	0
	point383	383	92	40	2	40	1	40	0	0	0	0
	point384	384	92	40	2	40	1	40	0	0	0	0
	point385	385	92	40	2	40	1	40	0	0	0	0
	point386	386	92	40	2	40	1	40	0	0	0	0
	point387	387	92	40	2	40	1	40	0	0	0	0
	point388	388	92	40	2	40	1	40	0	0	0	0
	point389	389										
Roadway45	point393	393	547	40	8	40	5	40	0	0	0	0
	point392	392	547	40	8	40	5	40	0	0	0	0
	point391	391	547	40	8	40	5	40	0	0	0	0
	point390	390										
Roadway46	point397	397	46	40	1	40	0	0	0	0	0	0
	point396	396	46	40	1	40	0	0	0	0	0	0
	point395	395	46	40	1	40	0	0	0	0	0	0
	point394	394										
Roadway47	point401	401	501	40	7	40	5	40	0	0	0	0
	point400	400	501	40	7	40	5	40	0	0	0	0
	point399	399	501	40	7	40	5	40	0	0	0	0
	point398	398										
Roadway48	point405	405	501	40	7	40	5	40	0	0	0	0
	point404	404	501	40	7	40	5	40	0	0	0	0
	point403	403	501	40	7	40	5	40	0	0	0	0
	point402	402										
Roadway49	point410	410	934	45	6	45	2	45	0	0	0	0
	point409	409	934	45	6	45	2	45	0	0	0	0
	point408	408	934	45	6	45	2	45	0	0	0	0
	point407	407	934	45	6	45	2	45	0	0	0	0
	point406	406										
Roadway50	point411	411	934	40	6	40	2	40	0	0	0	0
	point412	412	934	40	6	40	2	40	0	0	0	0
	point413	413	934	40	6	40	2	40	0	0	0	0
	point414	414	934	40	6	40	2	40	0	0	0	0

	point415	415	934	40	6	40	2	40	0	0	0	0
	point416	416										
Roadway51	point417	417	921	40	14	40	5	40	0	0	0	0
	point418	418	921	40	14	40	5	40	0	0	0	0
	point419	419	921	40	14	40	5	40	0	0	0	0
	point420	420	921	40	14	40	5	40	0	0	0	0
	point421	421	921	40	14	40	5	40	0	0	0	0
	point422	422	921	40	14	40	5	40	0	0	0	0
	point423	423										
Roadway52	point424	424	1855	40	20	40	7	40	0	0	0	0
	point425	425	1855	40	20	40	7	40	0	0	0	0
	point426	426	1855	40	20	40	7	40	0	0	0	0
	point427	427	1855	40	20	40	7	40	0	0	0	0
	point428	428	1855	40	20	40	7	40	0	0	0	0
	point429	429	1855	40	20	40	7	40	0	0	0	0
	point430	430										
Roadway53	point431	431	1855	40	20	40	7	40	0	0	0	0
	point432	432	1855	40	20	40	7	40	0	0	0	0
	point433	433	1855	40	20	40	7	40	0	0	0	0
	point434	434	1855	40	20	40	7	40	0	0	0	0
	point435	435	1855	40	20	40	7	40	0	0	0	0
	point436	436	1855	40	20	40	7	40	0	0	0	0
	point437	437	1855	40	20	40	7	40	0	0	0	0
	point438	438										
Roadway54	point442	442	921	40	14	40	5	40	0	0	0	0
	point731	731	921	40	14	40	5	40	0	0	0	0
	point441	441	921	40	14	40	5	40	0	0	0	0
	point729	729	921	40	14	40	5	40	0	0	0	0
	point440	440	921	40	14	40	5	40	0	0	0	0
	point439	439										
Roadway55	point447	447	594	40	4	40	2	40	0	0	0	0
	point446	446	594	40	4	40	2	40	0	0	0	0
	point445	445	594	40	4	40	2	40	0	0	0	0
	point444	444	594	40	4	40	2	40	0	0	0	0
	point443	443										
Roadway56	point448	448	1512	40	24	40	15	40	0	0	0	0

	point449	449	1512	40	24	40	15	40	0	0	0	0
	point450	450	1512	40	24	40	15	40	0	0	0	0
	point451	451	1512	40	24	40	15	40	0	0	0	0
	point452	452	1512	40	24	40	15	40	0	0	0	0
	point453	453										
Roadway57	point458	458	307	40	5	40	3	40	0	0	0	0
	point457	457	307	40	5	40	3	40	0	0	0	0
	point456	456	307	40	5	40	3	40	0	0	0	0
	point455	455	307	40	5	40	3	40	0	0	0	0
	point454	454										
Roadway58	point459	459	1205	40	19	40	12	40	0	0	0	0
	point460	460	1205	40	19	40	12	40	0	0	0	0
	point461	461										
Roadway59	point462	462	1205	40	19	40	12	40	0	0	0	0
	point463	463	1205	40	19	40	12	40	0	0	0	0
	point464	464	1205	40	19	40	12	40	0	0	0	0
	point465	465	1205	40	19	40	12	40	0	0	0	0
	point466	466										
Roadway61	point472	472	408	40	7	40	4	40	0	0	0	0
	point473	473	408	40	7	40	4	40	0	0	0	0
	point474	474	408	40	7	40	4	40	0	0	0	0
	point475	475										
Roadway62	point476	476	711	40	11	40	7	40	0	0	0	0
	point477	477	711	40	11	40	7	40	0	0	0	0
	point478	478	711	40	11	40	7	40	0	0	0	0
	point479	479										
Roadway63	point498	498	711	40	11	40	7	40	0	0	0	0
	point497	497	711	40	11	40	7	40	0	0	0	0
	point496	496	711	40	11	40	7	40	0	0	0	0
	point495	495	711	40	11	40	7	40	0	0	0	0
	point494	494	711	40	11	40	7	40	0	0	0	0
	point493	493	711	40	11	40	7	40	0	0	0	0
	point492	492										
Roadway64	point507	507	469	40	8	40	4	40	0	0	0	0
	point506	506	469	40	8	40	4	40	0	0	0	0
	point505	505	469	40	8	40	4	40	0	0	0	0

	point504	504	469	40	8	40	4	40	0	0	0	0
	point503	503	469	40	8	40	4	40	0	0	0	0
	point502	502	469	40	8	40	4	40	0	0	0	0
	point501	501	469	40	8	40	4	40	0	0	0	0
	point500	500	469	40	8	40	4	40	0	0	0	0
	point499	499										
Roadway65	point518	518	92	40	2	40	1	40	0	0	0	0
	point517	517	92	40	2	40	1	40	0	0	0	0
	point516	516	92	40	2	40	1	40	0	0	0	0
	point515	515	92	40	2	40	1	40	0	0	0	0
	point514	514	92	40	2	40	1	40	0	0	0	0
	point513	513	92	40	2	40	1	40	0	0	0	0
	point512	512	92	40	2	40	1	40	0	0	0	0
	point511	511	92	40	2	40	1	40	0	0	0	0
	point510	510	92	40	2	40	1	40	0	0	0	0
	point509	509	92	40	2	40	1	40	0	0	0	0
	point508	508										
Roadway66	point522	522	482	40	10	40	5	40	0	0	0	0
	point521	521	482	40	10	40	5	40	0	0	0	0
	point520	520	482	40	10	40	5	40	0	0	0	0
	point519	519										
Roadway67	point527	527	309	40	6	40	3	40	0	0	0	0
	point526	526	309	40	6	40	3	40	0	0	0	0
	point525	525	309	40	6	40	3	40	0	0	0	0
	point524	524	309	40	6	40	3	40	0	0	0	0
	point523	523										
Roadway68	point532	532	643	40	13	40	6	40	0	0	0	0
	point531	531	643	40	13	40	6	40	0	0	0	0
	point530	530	643	40	13	40	6	40	0	0	0	0
	point529	529	643	40	13	40	6	40	0	0	0	0
	point528	528										
Roadway69	point533	533	994	40	15	40	9	40	0	0	0	0
	point534	534	994	40	15	40	9	40	0	0	0	0
	point535	535	994	40	15	40	9	40	0	0	0	0
	point536	536										
Roadway70	point541	541	564	40	4	40	3	40	0	0	0	0

	point540	540	564	40	4	40	3	40	0	0	0	0
	point539	539	564	40	4	40	3	40	0	0	0	0
	point538	538	564	40	4	40	3	40	0	0	0	0
	point537	537										
Roadway71	point548	548	377	40	9	40	5	40	0	0	0	0
	point547	547	377	40	9	40	5	40	0	0	0	0
	point546	546	377	40	9	40	5	40	0	0	0	0
	point545	545	377	40	9	40	5	40	0	0	0	0
	point544	544	377	40	9	40	5	40	0	0	0	0
	point543	543	377	40	9	40	5	40	0	0	0	0
	point542	542										
Roadway72	point549	549	564	40	4	40	3	40	0	0	0	0
	point550	550	564	40	4	40	3	40	0	0	0	0
	point551	551										
Roadway73	point552	552	564	40	4	40	3	40	0	0	0	0
	point553	553	564	40	4	40	3	40	0	0	0	0
	point554	554	564	40	4	40	3	40	0	0	0	0
	point555	555										
Roadway74	point556	556	2793	60	29	60	29	60	0	0	0	0
	point557	557	2793	60	29	60	29	60	0	0	0	0
	point558	558	2793	60	29	60	29	60	0	0	0	0
	point559	559	2793	60	29	60	29	60	0	0	0	0
	point560	560	2793	60	29	60	29	60	0	0	0	0
	point561	561	2793	60	29	60	29	60	0	0	0	0
	point562	562	2793	60	29	60	29	60	0	0	0	0
	point563	563	2793	60	29	60	29	60	0	0	0	0
	point564	564	2793	60	29	60	29	60	0	0	0	0
	point565	565	2793	60	29	60	29	60	0	0	0	0
	point566	566	2793	60	29	60	29	60	0	0	0	0
	point568	568	2793	60	29	60	29	60	0	0	0	0
	point567	567										
Roadway75	point577	577	307	40	5	40	3	40	0	0	0	0
	point576	576	307	40	5	40	3	40	0	0	0	0
	point575	575	307	40	5	40	3	40	0	0	0	0
	point574	574	307	40	5	40	3	40	0	0	0	0
	point573	573	307	40	5	40	3	40	0	0	0	0

	point572	572	307	40	5	40	3	40	0	0	0	0
	point571	571	307	40	5	40	3	40	0	0	0	0
	point570	570										
Roadway76	point585	585	105	40	2	40	1	40	0	0	0	0
	point584	584	105	40	2	40	1	40	0	0	0	0
	point583	583	105	40	2	40	1	40	0	0	0	0
	point582	582	105	40	2	40	1	40	0	0	0	0
	point581	581	105	40	2	40	1	40	0	0	0	0
	point580	580	105	40	2	40	1	40	0	0	0	0
	point579	579	105	40	2	40	1	40	0	0	0	0
	point578	578										
Roadway77	point591	591	469	40	8	40	4	40	0	0	0	0
	point590	590	469	40	8	40	4	40	0	0	0	0
	point589	589	469	40	8	40	4	40	0	0	0	0
	point588	588	469	40	8	40	4	40	0	0	0	0
	point587	587	469	40	8	40	4	40	0	0	0	0
	point586	586										
Roadway78	point595	595	1901	40	16	40	9	40	0	0	0	0
	point594	594	1901	40	16	40	9	40	0	0	0	0
	point593	593	1901	40	16	40	9	40	0	0	0	0
	point592	592										
Roadway80	point603	603	437	40	2	40	0	0	0	0	0	0
	point602	602	437	40	2	40	0	0	0	0	0	0
	point601	601	437	40	2	40	0	0	0	0	0	0
	point600	600	437	40	2	40	0	0	0	0	0	0
	point599	599										
Roadway81	point609	609	412	40	7	40	4	40	0	0	0	0
	point608	608	412	40	7	40	4	40	0	0	0	0
	point607	607	412	40	7	40	4	40	0	0	0	0
	point606	606	412	40	7	40	4	40	0	0	0	0
	point605	605	412	40	7	40	4	40	0	0	0	0
	point604	604										
Roadway82	point615	615	1388	40	9	40	4	40	0	0	0	0
	point614	614	1388	40	9	40	4	40	0	0	0	0
	point732	732	1388	40	9	40	4	40	0	0	0	0
	point612	612	1388	40	9	40	4	40	0	0	0	0

	point611	611	1388	40	9	40	4	40	0	0	0	0
	point610	610										
Roadway83	point619	619	46	40	1	40	0	0	0	0	0	0
	point728	728	46	40	1	40	0	0	0	0	0	0
	point618	618	46	40	1	40	0	0	0	0	0	0
	point617	617	46	40	1	40	0	0	0	0	0	0
	point616	616										
Roadway86	point635	635	250	40	1	40	1	40	0	0	0	0
	point634	634	250	40	1	40	1	40	0	0	0	0
	point633	633	250	40	1	40	1	40	0	0	0	0
	point632	632										
Roadway87	point636	636	250	40	1	40	1	40	0	0	0	0
	point637	637	250	40	1	40	1	40	0	0	0	0
	point638	638										
Roadway90	point645	645	377	40	6	40	3	40	0	0	0	0
	point644	644	377	40	6	40	3	40	0	0	0	0
	point643	643	377	40	6	40	3	40	0	0	0	0
	point642	642										
Roadway91	point648	648	519	40	8	40	5	40	0	0	0	0
	point647	647	519	40	8	40	5	40	0	0	0	0
	point646	646										
Roadway92	point651	651	322	30	0	0	0	0	0	0	0	0
	point652	652	322	30	0	0	0	0	0	0	0	0
	point653	653	322	30	0	0	0	0	0	0	0	0
	point654	654	322	30	0	0	0	0	0	0	0	0
	point655	655	322	30	0	0	0	0	0	0	0	0
	point656	656	322	30	0	0	0	0	0	0	0	0
	point657	657	322	30	0	0	0	0	0	0	0	0
	point658	658	322	30	0	0	0	0	0	0	0	0
	point659	659	322	30	0	0	0	0	0	0	0	0
	point660	660	322	30	0	0	0	0	0	0	0	0
	point661	661										
Roadway93	point662	662	322	30	0	0	0	0	0	0	0	0
	point663	663	322	30	0	0	0	0	0	0	0	0
	point664	664	322	30	0	0	0	0	0	0	0	0
	point665	665	322	30	0	0	0	0	0	0	0	0

	point666	666	322	30	0	0	0	0	0	0	0	0
	point667	667	322	30	0	0	0	0	0	0	0	0
	point668	668	322	30	0	0	0	0	0	0	0	0
	point669	669	322	30	0	0	0	0	0	0	0	0
	point670	670	322	30	0	0	0	0	0	0	0	0
	point671	671	322	30	0	0	0	0	0	0	0	0
	point672	672										
Roadway94	point673	673	28	40	0	0	0	0	0	0	0	0
	point674	674	28	40	0	0	0	0	0	0	0	0
	point675	675										
Roadway95	point676	676	150	40	0	0	0	0	0	0	0	0
	point677	677	150	40	0	0	0	0	0	0	0	0
	point678	678	150	40	0	0	0	0	0	0	0	0
	point679	679	150	40	0	0	0	0	0	0	0	0
	point680	680	150	40	0	0	0	0	0	0	0	0
	point681	681	150	40	0	0	0	0	0	0	0	0
	point682	682										
Roadway96	point683	683	150	40	0	0	0	0	0	0	0	0
	point684	684	150	40	0	0	0	0	0	0	0	0
	point685	685	150	40	0	0	0	0	0	0	0	0
	point686	686	150	40	0	0	0	0	0	0	0	0
	point687	687	150	40	0	0	0	0	0	0	0	0
	point688	688	150	40	0	0	0	0	0	0	0	0
	point689	689	150	40	0	0	0	0	0	0	0	0
	point690	690	150	40	0	0	0	0	0	0	0	0
	point691	691	150	40	0	0	0	0	0	0	0	0
	point692	692	150	40	0	0	0	0	0	0	0	0
	point693	693										
Roadway97	point694	694	48	40	0	0	0	0	0	0	0	0
	point695	695	48	40	0	0	0	0	0	0	0	0
	point696	696	48	40	0	0	0	0	0	0	0	0
	point697	697										
Roadway98	point698	698	182	40	2	40	0	0	0	0	0	0
	point699	699	182	40	2	40	0	0	0	0	0	0
	point700	700										
Roadway99	point701	701	48	40	0	0	0	0	0	0	0	0

	point702	702										
Roadway29-2	point703	703	998	40	9	40	1	40	0	0	0	0
	point305	305										
Roadway29-2-2	point704	704	998	40	9	40	1	40	0	0	0	0
	point306	306										
Roadway102	point705	705	182	40	2	40	0	0	0	0	0	0
	point706	706	182	40	2	40	0	0	0	0	0	0
	point707	707	182	40	2	40	0	0	0	0	0	0
	point708	708	182	40	2	40	0	0	0	0	0	0
	point709	709	182	40	2	40	0	0	0	0	0	0
	point710	710										
Roadway28-2	point711	711	1065	40	3	40	3	40	0	0	0	0
	point716	716	1065	40	3	40	3	40	0	0	0	0
	point717	717	1065	40	3	40	3	40	0	0	0	0
	point285	285	1065	40	3	40	3	40	0	0	0	0
	point286	286	1065	40	3	40	3	40	0	0	0	0
	point287	287	1065	40	3	40	3	40	0	0	0	0
	point288	288	1065	40	3	40	3	40	0	0	0	0
	point289	289	1065	40	3	40	3	40	0	0	0	0
	point290	290	1065	40	3	40	3	40	0	0	0	0
	point291	291	1065	40	3	40	3	40	0	0	0	0
	point292	292	1065	40	3	40	3	40	0	0	0	0
	point293	293	1065	40	3	40	3	40	0	0	0	0
	point294	294	1065	40	3	40	3	40	0	0	0	0
	point295	295										
Roadway28-2	point712	712	1421	40	13	40	0	0	0	0	0	0
	point281	281	1421	40	13	40	0	0	0	0	0	0
	point282	282	1421	40	13	40	0	0	0	0	0	0
	point283	283	1421	40	13	40	0	0	0	0	0	0
	point284	284										
Roadway105	point713	713	230	40	2	40	0	0	0	0	0	0
	point714	714	230	40	2	40	0	0	0	0	0	0
	point715	715										
Roadway29-2-2-2	point718	718	1148	40	9	40	1	40	0	0	0	0
	point307	307	1148	40	9	40	1	40	0	0	0	0
	point308	308	1148	40	9	40	1	40	0	0	0	0

	point309	309	1148	40	9	40	1	40	0	0	0	0
	point310	310	1148	40	9	40	1	40	0	0	0	0
	point311	311	1148	40	9	40	1	40	0	0	0	0
	point312	312										
Roadway31-2	point719	719	566	40	9	40	5	40	0	0	0	0
	point317	317	566	40	9	40	5	40	0	0	0	0
	point316	316										
Roadway108	point720	720	408	40	7	40	4	40	0	0	0	0
	point721	721	408	40	7	40	4	40	0	0	0	0
	point722	722	408	40	7	40	4	40	0	0	0	0
	point723	723	408	40	7	40	4	40	0	0	0	0
	point724	724	408	40	7	40	4	40	0	0	0	0
	point725	725										
Roadway13-2	point727	727	1489	55	11	55	6	55	0	0	0	0
	point136	136	1489	55	11	55	6	55	0	0	0	0
	point135	135	1489	55	11	55	6	55	0	0	0	0
	point134	134	1489	55	11	55	6	55	0	0	0	0
	point133	133	1489	55	11	55	6	55	0	0	0	0
	point132	132	1489	55	11	55	6	55	0	0	0	0
	point131	131	1489	55	11	55	6	55	0	0	0	0
	point130	130	1489	55	11	55	6	55	0	0	0	0
	point129	129	1489	55	11	55	6	55	0	0	0	0
	point128	128	1489	55	11	55	6	55	0	0	0	0
	point127	127	1489	55	11	55	6	55	0	0	0	0
	point126	126	1489	55	11	55	6	55	0	0	0	0
	point125	125										
Roadway84-Roadway79	point597	597	1901	40	16	40	9	40	0	0	0	0
	point620	620	1901	40	16	40	9	40	0	0	0	0
	point621	621	1901	40	16	40	9	40	0	0	0	0
	point622	622	1901	40	16	40	9	40	0	0	0	0
	point623	623	1901	40	16	40	9	40	0	0	0	0
	point624	624	1901	40	16	40	9	40	0	0	0	0
	point625	625	1901	40	16	40	9	40	0	0	0	0
	point626	626	1901	40	16	40	9	40	0	0	0	0
	point627	627	1901	40	16	40	9	40	0	0	0	0
	point628	628	1901	40	16	40	9	40	0	0	0	0

	point629	629										
Roadway18-2	point733	733	3822	62	39	62	39	62	0	0	0	0
	point172	172	3822	62	39	62	39	62	0	0	0	0
	point171	171	3822	62	39	62	39	62	0	0	0	0
	point170	170	3822	62	39	62	39	62	0	0	0	0
	point169	169	3822	62	39	62	39	62	0	0	0	0
	point168	168	3822	62	39	62	39	62	0	0	0	0
	point167	167	3822	62	39	62	39	62	0	0	0	0
	point166	166	3822	62	39	62	39	62	0	0	0	0
	point165	165	3822	62	39	62	39	62	0	0	0	0
	point164	164										
Roadway63-2	point734	734	961	40	12	40	8	40	0	0	0	0
	point491	491	961	40	12	40	8	40	0	0	0	0
	point490	490	961	40	12	40	8	40	0	0	0	0
	point489	489	961	40	12	40	8	40	0	0	0	0
	point488	488	961	40	12	40	8	40	0	0	0	0
	point487	487	961	40	12	40	8	40	0	0	0	0
	point486	486	961	40	12	40	8	40	0	0	0	0
	point485	485	961	40	12	40	8	40	0	0	0	0
	point484	484	961	40	12	40	8	40	0	0	0	0
	point483	483	961	40	12	40	8	40	0	0	0	0
	point482	482	961	40	12	40	8	40	0	0	0	0
	point481	481	961	40	12	40	8	40	0	0	0	0
	point480	480										

CHA					27 February 2012														
EVN					TNM 2.5														
INPUT: BARRIERS																			
PROJECT/CONTRACT:	9546																		
RUN:	Flyover																		
Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	$ per	$ per	Top	Run:Rise	$ per			X	Y	Z	at	Seg Ht Perturbs			On	Important
				Unit	Unit	Width		Unit						Point	Incre-	#Up	#Dn	Struct?	Reflec-
				Area	Vol.			Length							ment				tions?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
Barrier1	W	0.00	99.99	0.00				0.00	point1	1	681,876.4	1,418,478.8	306.39	30.00	0.00	0	0		
									point2	2	681,871.7	1,418,475.9	306.39	30.00	0.00	0	0		
									point3	3	681,813.1	1,418,431.0	306.43	30.00	0.00	0	0		
									point4	4	681,752.2	1,418,385.4	305.69	30.00	0.00	0	0		
									point5	5	681,750.0	1,418,377.0	305.36	30.00	0.00	0	0		
									point6	6	681,783.9	1,418,331.5	305.54	30.00	0.00	0	0		
									point7	7	681,812.4	1,418,293.5	305.69	30.00	0.00	0	0		
									point8	8	681,848.2	1,418,246.0	306.06	30.00	0.00	0	0		
									point9	9	681,881.2	1,418,202.0	306.37	30.00	0.00	0	0		
									point10	10	681,909.9	1,418,163.9	306.15	30.00	0.00	0	0		
									point11	11	681,924.6	1,418,143.9	305.54	30.00	0.00	0	0		
									point12	12	681,966.8	1,418,175.5	305.20	30.00	0.00	0	0		
									point13	13	681,969.8	1,418,171.6	305.85	30.00	0.00	0	0		
									point14	14	681,973.8	1,418,174.6	305.84	30.00	0.00	0	0		
									point15	15	681,971.0	1,418,178.4	305.79	30.00	0.00	0	0		
									point16	16	682,006.9	1,418,205.9	305.60	30.00	0.00	0	0		
									point17	17	682,048.4	1,418,236.8	306.08	30.00	0.00	0	0		
									point18	18	682,051.2	1,418,232.8	306.26	30.00	0.00	0	0		
									point19	19	682,055.4	1,418,235.8	306.27	30.00	0.00	0	0		
									point20	20	682,052.5	1,418,239.8	306.27	30.00	0.00	0	0		
									point21	21	682,088.7	1,418,267.1	306.14	30.00	0.00	0	0		
									point22	22	682,128.3	1,418,296.8	306.29	30.00	0.00	0	0		
									point23	23	682,131.1	1,418,292.9	306.35	30.00	0.00	0	0		
									point24	24	682,135.2	1,418,296.0	306.37	30.00	0.00	0	0		
									point25	25	682,132.5	1,418,300.0	306.33	30.00	0.00	0	0		
									point26	26	682,161.4	1,418,322.0	305.64	30.00	0.00	0	0		
									point27	27	682,174.3	1,418,331.8	305.75	30.00	0.00	0	0		
									point28	28	682,139.9	1,418,378.0	306.20	30.00	0.00	0	0		
									point29	29	682,140.8	1,418,378.6	306.20	30.00	0.00	0	0		
									point30	30	682,118.1	1,418,408.0	306.33	30.00	0.00	0	0		
									point31	31	682,092.1	1,418,441.6	306.36	30.00	0.00	0	0		
									point32	32	682,075.8	1,418,463.6	306.43	30.00	0.00	0	0		
									point33	33	682,070.8	1,418,470.1	306.43	30.00	0.00	0	0		
									point34	34	682,041.8	1,418,508.5	306.44	30.00	0.00	0	0		
									point35	35	682,012.3	1,418,547.0	306.45	30.00	0.00	0	0		

									point36	36	681,999.6	1,418,563.6	306.17	30.00	0.00	0	0		
									point37	37	681,990.4	1,418,566.0	306.00	30.00	0.00	0	0		
									point38	38	681,987.4	1,418,563.0	306.18	30.00	0.00	0	0		
									point39	39	681,930.8	1,418,519.9	306.19	30.00	0.00	0	0		
									point40	40	681,876.4	1,418,478.8	306.39	30.00					
Barrier2	W	0.00	99.99	0.00				0.00	point41	41	682,332.9	1,419,033.5	307.46	15.00	0.00	0	0		
									point42	42	682,279.9	1,418,998.0	306.17	15.00	0.00	0	0		
									point43	43	682,299.5	1,418,969.0	307.03	15.00	0.00	0	0		
									point44	44	682,302.6	1,418,970.9	307.01	15.00	0.00	0	0		
									point45	45	682,340.0	1,418,917.2	307.23	15.00	0.00	0	0		
									point46	46	682,335.7	1,418,912.9	307.20	15.00	0.00	0	0		
									point47	47	682,351.0	1,418,891.1	307.44	15.00	0.00	0	0		
									point48	48	682,392.9	1,418,917.8	307.60	15.00	0.00	0	0		
									point49	49	682,420.5	1,418,937.4	307.68	15.00	0.00	0	0		
									point50	50	682,450.1	1,418,894.2	307.68	15.00	0.00	0	0		
									point51	51	682,500.4	1,418,927.5	307.67	15.00	0.00	0	0		
									point52	52	682,521.1	1,418,941.6	307.66	15.00	0.00	0	0		
									point53	53	682,486.5	1,418,994.5	307.35	15.00	0.00	0	0		
									point54	54	682,470.2	1,418,983.6	307.35	15.00	0.00	0	0		
									point55	55	682,451.9	1,419,010.6	307.38	15.00	0.00	0	0		
									point56	56	682,458.4	1,419,015.5	307.38	15.00	0.00	0	0		
									point57	57	682,441.8	1,419,040.0	307.37	15.00	0.00	0	0		
									point58	58	682,435.4	1,419,049.0	307.37	15.00	0.00	0	0		
									point59	59	682,396.9	1,419,109.0	307.50	15.00	0.00	0	0		
									point60	60	682,318.3	1,419,056.0	307.46	15.00	0.00	0	0		
									point61	61	682,332.9	1,419,033.5	307.46	15.00					
Barrier3	W	0.00	99.99	0.00				0.00	point62	62	682,132.7	1,419,762.2	303.40	30.00	0.00	0	0		
									point63	63	682,106.2	1,419,740.9	303.38	30.00	0.00	0	0		
									point64	64	682,069.6	1,419,710.9	303.46	30.00	0.00	0	0		
									point65	65	682,029.6	1,419,678.4	303.21	30.00	0.00	0	0		
									point66	66	682,019.2	1,419,669.8	303.18	30.00	0.00	0	0		
									point67	67	682,014.3	1,419,676.1	303.32	30.00	0.00	0	0		
									point68	68	682,006.6	1,419,679.9	303.53	30.00	0.00	0	0		
									point69	69	681,982.6	1,419,659.9	303.36	30.00	0.00	0	0		
									point70	70	681,960.1	1,419,642.1	303.15	30.00	0.00	0	0		
									point71	71	681,958.8	1,419,641.6	306.60	30.00	0.00	0	0		
									point72	72	681,964.9	1,419,633.0	306.72	30.00	0.00	0	0		
									point73	73	681,917.7	1,419,595.2	307.31	30.00	0.00	0	0		
									point74	74	681,882.6	1,419,566.5	307.01	30.00	0.00	0	0		
									point75	75	681,835.9	1,419,528.4	307.44	30.00	0.00	0	0		
									point76	76	681,801.0	1,419,499.1	306.39	30.00	0.00	0	0		
									point77	77	681,806.4	1,419,494.4	307.95	30.00	0.00	0	0		
									point78	78	681,965.8	1,419,298.2	306.49	30.00	0.00	0	0		
									point79	79	681,988.4	1,419,315.8	306.49	30.00	0.00	0	0		
									point80	80	681,980.6	1,419,325.5	306.73	30.00	0.00	0	0		
									point81	81	681,980.3	1,419,325.9	306.11	30.00	0.00	0	0		
									point82	82	681,972.9	1,419,334.2	306.18	30.00	0.00	0	0		
									point83	83	681,990.0	1,419,347.9	305.93	30.00	0.00	0	0		
									point84	84	681,990.5	1,419,348.6	306.57	30.00	0.00	0	0		

									point85	85	681,994.9	1,419,352.1	306.55	30.00	0.00	0	0		
									point86	86	682,021.4	1,419,374.6	306.35	30.00	0.00	0	0		
									point87	87	682,013.5	1,419,393.1	306.21	30.00	0.00	0	0		
									point88	88	681,988.5	1,419,424.5	306.50	30.00	0.00	0	0		
									point89	89	682,020.1	1,419,450.8	306.74	30.00	0.00	0	0		
									point90	90	682,053.3	1,419,478.8	306.53	30.00	0.00	0	0		
									point91	91	682,062.4	1,419,485.6	306.50	30.00	0.00	0	0		
									point92	92	682,068.4	1,419,489.8	306.49	30.00	0.00	0	0		
									point93	93	682,097.4	1,419,452.2	305.32	30.00	0.00	0	0		
									point94	94	682,098.2	1,419,452.6	304.85	30.00	0.00	0	0		
									point95	95	682,110.0	1,419,459.4	304.79	30.00	0.00	0	0		
									point96	96	682,151.0	1,419,492.8	304.66	30.00	0.00	0	0		
									point97	97	682,187.1	1,419,521.5	304.77	30.00	0.00	0	0		
									point98	98	682,223.6	1,419,553.2	304.20	30.00	0.00	0	0		
									point99	99	682,250.3	1,419,573.6	304.41	30.00	0.00	0	0		
									point100	100	682,257.7	1,419,564.4	304.36	30.00	0.00	0	0		
									point101	101	682,257.9	1,419,564.1	305.12	30.00	0.00	0	0		
									point102	102	682,263.0	1,419,558.2	305.46	30.00	0.00	0	0		
									point103	103	682,271.4	1,419,564.5	305.45	30.00	0.00	0	0		
									point104	104	682,291.4	1,419,582.0	305.25	30.00	0.00	0	0		
									point105	105	682,325.0	1,419,610.0	305.31	30.00	0.00	0	0		
									point106	106	682,328.0	1,419,612.2	305.32	30.00	0.00	0	0		
									point107	107	682,330.4	1,419,621.5	305.21	30.00	0.00	0	0		
									point108	108	682,330.5	1,419,622.4	304.44	30.00	0.00	0	0		
									point109	109	682,310.8	1,419,646.6	304.23	30.00	0.00	0	0		
									point110	110	682,300.2	1,419,659.4	304.21	30.00	0.00	0	0		
									point111	111	682,272.3	1,419,636.9	304.25	30.00	0.00	0	0		
									point112	112	682,249.6	1,419,618.6	304.42	30.00	0.00	0	0		
									point113	113	682,226.8	1,419,647.6	304.42	30.00	0.00	0	0		
									point114	114	682,213.2	1,419,663.4	303.83	30.00	0.00	0	0		
									point115	115	682,203.1	1,419,676.0	303.57	30.00	0.00	0	0		
									point116	116	682,210.0	1,419,681.5	303.60	30.00	0.00	0	0		
									point117	117	682,212.0	1,419,689.1	303.57	30.00	0.00	0	0		
									point118	118	682,177.7	1,419,732.2	303.63	30.00	0.00	0	0		
									point119	119	682,171.9	1,419,738.5	303.74	30.00	0.00	0	0		
									point120	120	682,160.4	1,419,729.0	303.73	30.00	0.00	0	0		
									point121	121	682,141.9	1,419,751.5	303.76	30.00	0.00	0	0		
									point122	122	682,132.7	1,419,762.2	303.40	30.00					
Barrier4	W	0.00	99.99	0.00				0.00	point123	123	680,394.1	1,419,731.1	301.73	25.00	0.00	0	0		
									point129	129	680,504.9	1,419,856.0	301.82	25.00	0.00	0	0		
									point131	131	680,488.9	1,419,875.4	301.99	25.00	0.00	0	0		
									point132	132	680,519.4	1,419,910.4	301.38	25.00	0.00	0	0		
									point133	133	680,528.4	1,419,921.1	301.37	25.00	0.00	0	0		
									point141	141	680,565.1	1,419,964.1	301.12	25.00	0.00	0	0		
									point142	142	680,584.4	1,419,947.6	301.31	25.00	0.00	0	0		
									point143	143	680,611.4	1,419,925.2	301.51	25.00	0.00	0	0		
									point144	144	680,629.1	1,419,909.5	301.52	25.00	0.00	0	0		
									point145	145	680,632.5	1,419,897.8	301.69	25.00	0.00	0	0		
									point146	146	680,626.6	1,419,867.5	301.79	25.00	0.00	0	0		

									point147	147	680,614.4	1,419,853.5	301.91	25.00	0.00	0	0		
									point150	150	680,654.6	1,419,821.2	301.59	25.00	0.00	0	0		
									point155	155	680,678.7	1,419,850.8	301.98	25.00	0.00	0	0		
									point159	159	680,710.2	1,419,816.6	301.31	25.00	0.00	0	0		
									point160	160	680,710.1	1,419,815.9	300.76	25.00	0.00	0	0		
									point161	161	680,692.9	1,419,797.1	300.63	25.00	0.00	0	0		
									point162	162	680,692.7	1,419,796.9	301.10	25.00	0.00	0	0		
									point163	163	680,679.1	1,419,782.4	301.79	25.00	0.00	0	0		
									point164	164	680,695.7	1,419,769.6	301.80	25.00	0.00	0	0		
									point165	165	680,710.7	1,419,782.4	301.36	25.00	0.00	0	0		
									point166	166	680,752.1	1,419,746.6	301.61	25.00	0.00	0	0		
									point167	167	680,681.1	1,419,663.2	301.44	25.00	0.00	0	0		
									point168	168	680,685.2	1,419,659.4	301.44	25.00	0.00	0	0		
									point169	169	680,655.4	1,419,623.5	301.53	25.00	0.00	0	0		
									point170	170	680,613.4	1,419,660.2	301.38	25.00	0.00	0	0		
									point173	173	680,576.2	1,419,617.4	301.50	25.00	0.00	0	0		
									point174	174	680,579.8	1,419,614.1	302.04	25.00	0.00	0	0		
									point176	176	680,605.2	1,419,581.6	300.37	25.00	0.00	0	0		
									point185	185	680,584.6	1,419,563.6	301.40	25.00	0.00	0	0		
									point188	188	680,570.9	1,419,579.8	301.59	25.00	0.00	0	0		
									point203	203	680,487.8	1,419,491.0	301.29	25.00	0.00	0	0		
									point204	204	680,484.5	1,419,493.9	301.29	25.00	0.00	0	0		
									point205	205	680,483.6	1,419,494.5	301.29	25.00	0.00	0	0		
									point206	206	680,465.9	1,419,474.0	300.77	25.00	0.00	0	0		
									point209	209	680,450.4	1,419,486.9	301.20	25.00	0.00	0	0		
									point214	214	680,418.6	1,419,448.6	300.95	25.00	0.00	0	0		
									point215	215	680,410.2	1,419,455.5	300.83	25.00	0.00	0	0		
									point216	216	680,393.8	1,419,436.5	300.41	25.00	0.00	0	0		
									point217	217	680,393.2	1,419,436.1	298.09	25.00	0.00	0	0		
									point222	222	680,377.8	1,419,441.8	298.60	25.00	0.00	0	0		
									point226	226	680,376.2	1,419,429.4	298.64	25.00	0.00	0	0		
									point228	228	680,366.0	1,419,416.6	298.48	25.00	0.00	0	0		
									point229	229	680,365.3	1,419,416.8	299.37	25.00	0.00	0	0		
									point231	231	680,352.4	1,419,407.0	299.96	25.00	0.00	0	0		
									point232	232	680,326.9	1,419,405.5	300.47	25.00	0.00	0	0		
									point234	234	680,317.2	1,419,434.8	300.91	25.00	0.00	0	0		
									point235	235	680,303.6	1,419,439.8	301.83	25.00	0.00	0	0		
									point236	236	680,268.8	1,419,466.4	299.39	25.00	0.00	0	0		
									point239	239	680,207.2	1,419,526.8	300.03	25.00	0.00	0	0		
									point241	241	680,252.5	1,419,578.1	301.05	25.00	0.00	0	0		
									point242	242	680,247.1	1,419,583.5	300.77	25.00	0.00	0	0		
									point253	253	680,394.1	1,419,731.1	301.73	25.00					
Barrier7	W	0.00	99.99	0.00				0.00	point385	385	680,530.4	1,418,920.9	305.00	40.00	0.00	0	0		
									point386	386	680,379.1	1,418,787.0	305.00	40.00	0.00	0	0		
									point387	387	680,451.2	1,418,689.1	305.00	40.00	0.00	0	0		
									point388	388	680,491.1	1,418,720.4	305.00	40.00	0.00	0	0		
									point389	389	680,558.1	1,418,656.8	305.00	40.00	0.00	0	0		
									point390	390	680,537.9	1,418,639.6	305.00	40.00	0.00	0	0		
									point391	391	680,587.9	1,418,589.0	305.00	40.00	0.00	0	0		

									point392	392	680,739.5	1,418,732.9	305.00	40.00	0.00	0	0		
									point393	393	680,545.8	1,418,913.5	305.00	40.00					
Barrier8	W	0.00	99.99	0.00				0.00	point394	394	680,229.1	1,418,704.6	305.29	25.00	0.00	0	0		
									point395	395	680,237.4	1,418,713.4	305.10	25.00	0.00	0	0		
									point396	396	680,256.6	1,418,694.0	304.96	25.00	0.00	0	0		
									point397	397	680,249.8	1,418,684.8	305.18	25.00	0.00	0	0		
									point398	398	680,254.8	1,418,680.2	305.19	25.00	0.00	0	0		
									point399	399	680,266.1	1,418,668.0	305.09	25.00	0.00	0	0		
									point400	400	680,241.0	1,418,642.4	305.09	25.00	0.00	0	0		
									point401	401	680,283.6	1,418,596.8	305.01	25.00	0.00	0	0		
									point402	402	680,309.9	1,418,621.9	305.04	25.00	0.00	0	0		
									point403	403	680,324.8	1,418,623.5	305.33	25.00	0.00	0	0		
									point404	404	680,341.9	1,418,600.6	305.23	25.00	0.00	0	0		
									point405	405	680,339.1	1,418,594.5	305.29	25.00	0.00	0	0		
									point406	406	680,353.3	1,418,579.8	305.16	25.00	0.00	0	0		
									point407	407	680,141.1	1,418,365.0	305.18	25.00	0.00	0	0		
									point408	408	680,147.9	1,418,351.6	305.02	25.00	0.00	0	0		
									point409	409	680,127.2	1,418,325.4	305.29	25.00	0.00	0	0		
									point410	410	680,152.3	1,418,299.8	305.30	25.00	0.00	0	0		
									point411	411	680,127.9	1,418,275.4	304.56	25.00	0.00	0	0		
									point412	412	680,105.5	1,418,306.4	304.73	25.00	0.00	0	0		
									point413	413	680,104.5	1,418,307.4	304.73	25.00	0.00	0	0		
									point414	414	680,077.3	1,418,280.5	304.76	25.00	0.00	0	0		
									point415	415	679,983.9	1,418,372.8	304.23	25.00	0.00	0	0		
									point416	416	679,985.1	1,418,374.6	304.88	25.00	0.00	0	0		
									point417	417	679,994.6	1,418,383.8	305.10	25.00	0.00	0	0		
									point418	418	679,990.9	1,418,389.4	305.10	25.00	0.00	0	0		
									point419	419	680,000.8	1,418,398.8	305.09	25.00	0.00	0	0		
									point420	420	679,992.3	1,418,413.5	304.99	25.00	0.00	0	0		
									point421	421	680,007.6	1,418,428.4	305.07	25.00	0.00	0	0		
									point422	422	680,022.8	1,418,413.2	305.43	25.00	0.00	0	0		
									point423	423	680,034.1	1,418,424.0	305.42	25.00	0.00	0	0		
									point424	424	680,028.5	1,418,431.6	304.89	25.00	0.00	0	0		
									point425	425	680,064.9	1,418,459.1	304.96	25.00	0.00	0	0		
									point426	426	680,107.7	1,418,421.6	305.22	25.00	0.00	0	0		
									point427	427	680,172.7	1,418,485.6	304.67	25.00	0.00	0	0		
									point428	428	680,128.9	1,418,530.4	304.75	25.00	0.00	0	0		
									point429	429	680,093.4	1,418,497.8	305.23	25.00	0.00	0	0		
									point430	430	680,081.6	1,418,496.0	304.87	25.00	0.00	0	0		
									point431	431	680,061.8	1,418,517.2	304.57	25.00	0.00	0	0		
									point432	432	680,052.1	1,418,540.9	304.64	25.00	0.00	0	0		
									point433	433	680,210.1	1,418,696.8	305.16	25.00	0.00	0	0		
									point435	435	680,222.6	1,418,711.4	305.27	25.00	0.00	0	0		
									point434	434	680,229.1	1,418,704.6	305.29	25.00					
Barrier9	W	0.00	99.99	0.00				0.00	point436	436	679,584.4	1,418,024.1	304.40	25.00	0.00	0	0		
									point437	437	679,623.0	1,417,962.4	304.10	25.00	0.00	0	0		
									point438	438	679,860.6	1,418,088.9	303.90	25.00	0.00	0	0		
									point439	439	679,828.2	1,418,150.6	304.00	25.00	0.00	0	0		
									point440	440	679,587.5	1,418,025.6	304.40	25.00					

Barrier10	W	0.00	99.99	0.00				0.00	point496	441	678,712.9	1,417,077.4	303.00	18.00	0.00	0	0		
									point497	442	678,778.4	1,416,991.9	303.00	18.00	0.00	0	0		
									point498	443	678,700.8	1,416,933.5	303.00	18.00	0.00	0	0		
									point499	444	678,631.0	1,417,018.2	303.00	18.00	0.00	0	0		
									point500	445	678,709.4	1,417,081.6	303.00	18.00					
Barrier13	W	0.00	99.99	0.00				0.00	point471	522	683,374.3	1,421,405.2	309.86	20.00	2.00	2	5		
									point501	523	683,401.6	1,421,443.0	309.85	20.00	2.00	2	5		
									point502	524	683,428.9	1,421,480.8	309.84	20.00	2.00	3	4		
									point503	525	683,456.1	1,421,518.6	309.84	20.00	2.00	3	3		
									point504	526	683,483.4	1,421,556.4	309.83	20.00	2.00	3	3		
									point505	527	683,510.7	1,421,594.1	309.83	20.00	2.00	4	2		
									point506	528	683,537.9	1,421,632.0	309.82	20.00	2.00	4	2		
									point507	529	683,565.3	1,421,669.8	309.82	20.00	2.00	4	2		
									point472	530	683,592.5	1,421,707.5	309.81	20.00	2.00	4	2		
									point490	531	683,639.3	1,421,773.9	310.08	20.00	2.00	4	2		
									point491	532	683,686.1	1,421,840.2	310.34	20.00	2.00	4	2		
									point492	533	683,733.0	1,421,906.6	310.61	20.00	2.00	4	2		
									point493	534	683,779.8	1,421,973.0	310.87	20.00	2.00	4	2		
									point494	535	683,826.6	1,422,039.4	311.14	20.00	2.00	4	2		
									point495	536	683,873.4	1,422,105.8	311.40	20.00	2.00	4	2		
									point496	537	683,920.3	1,422,172.2	311.67	20.00	2.00	4	2		
									point497	538	683,967.1	1,422,238.6	311.93	20.00	2.00	4	2		
									point498	539	684,013.9	1,422,305.0	312.20	20.00	2.00	4	2		
									point499	540	684,060.8	1,422,371.4	312.46	20.00	2.00	4	2		
									point500	541	684,107.6	1,422,437.8	312.73	20.00	2.00	4	2		
									point473	542	684,154.4	1,422,504.1	312.99	20.00	2.00	4	2		
									point483	543	684,195.8	1,422,560.9	313.34	20.00	2.00	4	2		
									point484	544	684,237.2	1,422,617.6	313.69	20.00	2.00	4	2		
									point485	545	684,278.6	1,422,674.4	314.04	20.00	2.00	4	2		
									point486	546	684,320.0	1,422,731.0	314.40	20.00	2.00	4	2		
									point487	547	684,361.4	1,422,787.8	314.75	20.00	2.00	4	2		
									point488	548	684,402.8	1,422,844.5	315.10	20.00	2.00	4	2		
									point489	549	684,444.2	1,422,901.2	315.45	20.00	2.00	4	2		
									point474	550	684,485.6	1,422,958.0	315.80	20.00	2.00	4	2		
									point476	551	684,516.2	1,423,001.4	316.42	20.00	2.00	3	3		
									point477	552	684,546.8	1,423,044.8	317.05	20.00	2.00	3	3		
									point478	553	684,577.4	1,423,088.2	317.67	20.00	2.00	3	3		
									point479	554	684,608.1	1,423,131.6	318.30	20.00	2.00	3	3		
									point480	555	684,638.8	1,423,175.0	318.92	20.00	2.00	3	3		
									point481	556	684,670.3	1,423,217.5	319.55	20.00	2.00	2	4		
									point482	557	684,701.5	1,423,261.2	320.17	20.00	2.00	2	4		
									point475	558	684,732.2	1,423,304.4	320.80	20.00					

CHA			27 February 2012	
EVN			TNM 2.5	
INPUT: TERRAIN LINES				
PROJECT/CONTRACT:	9546			
RUN:	Flyover			
Terrain Line	Points			
Name	No.	Coordinates (ground)		
		X	Y	Z
		ft	ft	ft
Terrain Line333	7575	680,077.8	1,420,547.9	293.93
	7576	679,812.2	1,420,291.6	293.63
	7577	679,621.0	1,420,080.2	294.14
	7578	679,560.5	1,419,782.9	296.96
	7579	679,713.6	1,419,520.8	297.32
	7580	680,081.8	1,419,313.6	295.99
	7581	680,380.4	1,419,331.0	306.17
Terrain Line334	7582	680,140.1	1,419,225.2	296.86
	7583	679,919.8	1,419,256.1	297.23
	7584	679,698.1	1,419,380.8	296.68
Terrain Line335	7585	679,699.7	1,419,342.6	296.90
	7586	679,805.4	1,419,034.1	295.99
Terrain Line336	7587	680,004.9	1,420,727.5	298.43
	7588	679,944.6	1,420,606.2	291.08
	7589	679,627.1	1,420,273.2	294.17
	7590	679,478.4	1,420,078.2	289.48
	7591	679,441.3	1,419,828.2	294.45
	7592	679,464.7	1,419,520.5	297.97
	7593	679,499.6	1,419,234.5	301.99
	7594	679,465.5	1,418,986.1	300.97
Terrain Line339	7604	679,870.3	1,418,702.4	305.03
	7696	680,444.6	1,419,049.1	305.20
Terrain Line340	7606	679,064.5	1,418,166.8	304.82
	7607	679,691.9	1,418,583.8	304.98

Terrain Line341	7608	678,846.2	1,418,043.9	296.67
	7609	679,204.7	1,418,163.5	298.36
	7610	679,457.9	1,418,250.4	301.51
	7611	679,618.9	1,418,354.1	301.63
	7612	679,699.0	1,418,483.2	301.10
	7613	679,748.6	1,418,652.9	303.92
Terrain Line342	7614	678,424.8	1,417,756.6	303.08
	7615	678,742.2	1,417,925.5	298.62
	7616	678,925.9	1,417,994.4	297.22
	7617	679,306.7	1,418,118.2	298.79
	7618	679,559.1	1,418,205.4	308.56
	7619	679,694.4	1,418,295.9	300.77
	7620	679,792.3	1,418,408.4	300.61
	7621	679,877.6	1,418,621.1	299.39
Terrain Line343	7622	680,669.5	1,419,168.8	313.97
	7623	680,902.3	1,419,225.0	313.65
	7624	681,040.1	1,419,185.4	306.65
	7704	681,114.7	1,419,118.5	304.98
Terrain Line344	7626	677,791.6	1,417,264.4	304.49
	7627	678,356.2	1,417,696.1	304.64
Terrain Line345	7628	678,057.9	1,417,796.1	302.95
	7700	678,514.5	1,418,193.1	304.63
	7629	679,151.5	1,418,596.9	306.32
Terrain Line346	7630	679,459.2	1,418,973.9	300.84
	7631	679,380.3	1,418,819.5	299.18
	7632	679,280.6	1,418,716.4	295.82
	7633	679,196.1	1,418,646.0	299.15
Terrain Line347	7634	679,459.1	1,418,813.2	297.74
	7635	679,466.1	1,418,821.1	297.02
	7636	679,477.2	1,418,838.8	297.16
	7637	679,484.2	1,418,858.8	299.33
	7638	679,559.8	1,419,040.8	299.55
	7639	679,559.8	1,419,051.5	300.89
	7640	679,576.6	1,419,112.1	298.73
	7641	679,585.7	1,419,280.2	297.70
	7642	679,583.5	1,419,290.8	298.32

Terrain Line351	7655	681,396.9	1,419,895.6	305.92
	7656	682,194.4	1,420,462.6	306.70
Terrain Line352	7657	677,258.9	1,418,568.0	289.00
	7658	677,324.9	1,418,542.6	290.50
	7659	677,645.3	1,418,314.8	297.30
	7660	677,690.3	1,418,282.8	293.80
	7661	677,944.3	1,418,102.0	295.70
	7662	677,974.3	1,418,080.8	298.30
	7663	678,015.7	1,418,051.2	295.80
	7664	678,094.3	1,417,995.4	297.90
Terrain Line353	7665	676,879.2	1,416,237.8	296.00
	7666	677,022.5	1,416,389.8	297.40
	7667	677,034.4	1,416,396.8	298.60
Terrain Line354	7668	677,568.5	1,417,030.5	298.40
	7669	677,212.4	1,416,679.5	295.80
Terrain Line355	7670	679,003.5	1,417,299.0	302.80
	7671	679,072.6	1,417,424.8	305.60
	7672	679,232.3	1,417,715.1	300.40
	7673	679,338.3	1,417,833.5	300.70
	7674	679,452.8	1,417,958.6	301.90
	7675	679,506.0	1,418,016.9	299.00
	7676	679,598.1	1,418,127.5	304.00
	7677	679,577.9	1,418,191.4	308.00
	7678	679,668.1	1,418,222.4	301.80
	7679	679,700.7	1,418,183.6	302.00
	7680	679,862.8	1,418,276.1	300.40
	7681	679,890.6	1,418,351.2	300.50
	7682	680,039.8	1,418,627.2	299.50
	7683	680,057.5	1,418,687.5	299.70
Terrain Line356	7684	684,662.5	1,423,497.2	320.70
	7685	684,854.3	1,423,757.9	317.60
Terrain Line357	7686	684,592.3	1,423,511.1	321.20
	7687	684,678.1	1,423,635.6	319.80
Terrain Line358	7688	677,016.3	1,416,903.0	295.40
	7689	677,114.3	1,416,992.8	295.50
	7690	677,254.3	1,417,117.9	297.70

	7691	677,332.9	1,417,197.4	297.80
	7692	677,419.1	1,417,280.9	297.60
	7693	677,537.3	1,417,392.1	297.10
Terrain Line348-2	7699	679,670.8	1,418,952.4	297.95
	7645	679,594.9	1,419,233.5	297.76
Terrain Line350-2	7703	681,201.6	1,419,170.8	303.76
	7652	681,133.9	1,419,211.5	303.40
	7653	680,961.0	1,419,276.1	311.47
	7654	680,839.1	1,419,307.4	321.09

CHA				27 February 2012	
EVN				TNM 2.5	
INPUT: GROUND ZONES					
PROJECT/CONTRACT:	9546				
RUN:	Flyover				
Ground Zone			Points		
Name	Type	Flow	No.	Coordinates	
		Resistivity		X	Y
		cgs rayls		ft	ft
Ground Zone1	Pavement	20000	1	685,611.6	1,423,314.1
			2	685,563.4	1,423,371.2
			3	685,482.2	1,423,388.8
			4	685,388.0	1,423,336.0
Ground Zone2	Pavement	20000	5	684,454.2	1,423,406.2
			6	684,474.0	1,423,461.0
			7	684,403.9	1,423,491.8
			8	684,270.2	1,423,480.8
			9	684,265.8	1,423,421.6
			10	684,314.0	1,423,364.6
			11	684,368.8	1,423,362.4
			12	684,401.6	1,423,417.2
Ground Zone4	Pavement	20000	40	681,224.8	1,419,823.6
			41	681,141.6	1,419,924.5
			42	681,075.8	1,419,931.0
			43	681,007.9	1,419,904.6
			44	681,159.1	1,419,764.5
			45	681,490.0	1,419,451.0
			46	681,584.2	1,419,503.6
Ground Zone5	Pavement	20000	48	681,182.6	1,418,985.2
			49	681,067.3	1,419,191.8
			50	680,853.4	1,419,089.9
			51	681,001.0	1,418,932.0

			52	680,834.5	1,418,831.6
			53	680,618.6	1,419,001.0
			54	680,092.2	1,418,733.2
			55	679,955.6	1,418,326.6
			56	679,922.6	1,418,273.4
			57	679,564.1	1,418,024.5
			58	679,114.8	1,417,433.8
			59	679,441.1	1,417,206.9
			60	679,327.2	1,416,952.4
			61	679,923.4	1,416,354.6
			62	681,853.6	1,418,173.0
Ground Zone6	Pavement	20000	64	676,502.0	1,415,800.4
			65	677,184.6	1,415,078.4
			66	679,184.6	1,416,945.5
			67	678,378.0	1,417,648.5
			68	677,470.6	1,416,794.8
Ground Zone7	Pavement	20000	70	681,778.2	1,419,464.6
			71	681,917.9	1,419,305.0
			72	682,663.9	1,419,687.2
			73	682,359.1	1,419,987.1
Ground Zone8	Pavement	20000	75	680,753.6	1,420,114.9
			76	681,007.4	1,419,868.6
			77	680,682.6	1,419,592.1
			78	680,308.4	1,419,367.5
			79	680,130.1	1,419,528.9
			80	680,327.6	1,419,774.8
			81	680,186.4	1,419,893.4
			82	680,450.3	1,420,134.9
			83	680,639.4	1,419,984.0
Ground Zone10	Field	150	86	677,688.1	1,417,526.4
			87	677,558.4	1,418,043.0
			88	677,264.1	1,417,598.2
			89	676,733.6	1,417,165.0
			90	677,023.3	1,416,970.5
Ground Zone11	Field	150	92	683,375.7	1,421,404.2
			93	684,729.9	1,423,306.0

			94	684,785.8	1,423,273.6
			95	684,500.6	1,422,889.8
			96	684,346.8	1,422,651.0
			97	684,086.3	1,422,329.2
			98	683,424.8	1,421,370.8

Attachment VIII. Flyover Scenario Results

CHA 12 February 2013
EVN TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 9546
RUN: Flyover- w layout change
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Noise Reduction Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Receiver 4	1	1	74.2	71.3	71	-2.9	6	Snd Lvl	71.3	0.0	7	-7.0
Receiver 5	2	1	62.7	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 3	3	1	71.0	72.5	66	1.5	6	Snd Lvl	72.5	0.0	7	-7.0
Receiver 1	4	1	61.7	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 6	5	1	68.5	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
Receiver 2	6	1	65.4	65.0	71	-0.4	6	----	65.0	0.0	7	-7.0
R6A	8	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6B	9	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6C	10	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R4A	11	1	0.0	52.0	71	52.0	6	----	52.0	0.0	7	-7.0
R4B	12	1	0.0	63.1	66	63.1	6	----	63.1	0.0	7	-7.0
R4C	13	1	0.0	62.6	71	62.6	6	----	62.6	0.0	7	-7.0
R2A	14	1	0.0	58.5	71	58.5	6	----	58.5	0.0	7	-7.0
R6D	16	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6E	17	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6F	18	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6G	19	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6H	20	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6I	21	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6J	22	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6K	23	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6L	25	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6M	27	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6N	28	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0

R6O	29	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6P	30	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6Q	31	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6R	32	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6S	33	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6T	34	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6U	35	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R3B	36	1	0.0	0.0	72	0.0	6	inactive	0.0	0.0	7	0.0
R7A	38	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
R7B	39	3	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
R7C	40	4	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
R7D	42	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7E	43	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7F	44	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7G	45	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7H	46	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7I	47	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7J	48	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7K	49	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7L	50	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7M	51	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7N	52	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7O	53	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R7P	54	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0

Dwelling Units	**# DUs**	**Noise Reduction**		
		Min	**Avg**	**Max**
		dB	**dB**	**dB**
All Selected	104	0.0	0.0	0.0
All Impacted	2	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

CHA 9 March 2012
EVN TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 9546
RUN: Flyover
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Receiver 4	1	1	74.2	69.8	71	-4.4	6	----	69.8	0.0	7	-7.0
Receiver 5	2	1	62.7	62.9	66	0.2	6	----	62.9	0.0	7	-7.0
Receiver 3	3	1	71.0	71.2	66	0.2	6	Snd Lvl	71.2	0.0	7	-7.0
Receiver 1	4	1	61.7	62.2	66	0.5	6	----	62.2	0.0	7	-7.0
Receiver 6	5	1	68.5	67.0	66	-1.5	6	Snd Lvl	59.3	7.7	7	0.7
Receiver 2	6	1	65.4	65.2	71	-0.2	6	----	65.2	0.0	7	-7.0
R6A	8	1	0.0	65.1	66	65.1	6	----	57.7	7.4	7	0.4
R6B	9	1	0.0	63.3	66	63.3	6	----	56.3	7.0	7	0.0
R6C	10	1	0.0	62.8	66	62.8	6	----	56.1	6.7	7	-0.3
R4A	11	1	0.0	50.7	71	50.7	6	----	50.7	0.0	7	-7.0
R4B	12	1	0.0	62.5	66	62.5	6	----	62.5	0.0	7	-7.0
R4C	13	1	0.0	62.0	71	62.0	6	----	62.0	0.0	7	-7.0
R2A	14	1	0.0	56.1	71	56.1	6	----	56.1	0.0	7	-7.0
R6D	16	3	0.0	63.7	66	63.7	6	----	56.6	7.1	7	0.1
R6E	17	3	0.0	67.0	66	67.0	6	Snd Lvl	58.8	8.2	7	1.2
R6F	18	3	0.0	62.1	66	62.1	6	----	56.3	5.8	7	-1.2
R6G	19	2	0.0	62.0	66	62.0	6	----	55.8	6.2	7	-0.8
R6H	20	2	0.0	61.5	66	61.5	6	----	55.1	6.4	7	-0.6
R6I	21	1	0.0	59.2	66	59.2	6	----	53.9	5.3	7	-1.7
R6J	22	3	0.0	62.4	66	62.4	6	----	56.4	6.0	7	-1.0
R6K	23	1	0.0	64.5	66	64.5	6	----	57.1	7.4	7	0.4
R6L	24	2	0.0	65.7	66	65.7	6	----	58.6	7.1	7	0.1
R6M	26	3	0.0	63.1	66	63.1	6	----	56.9	6.2	7	-0.8
R6N	27	2	0.0	61.3	66	61.3	6	----	56.1	5.2	7	-1.8

R6O	28	1	0.0	64.4	66	64.4	6	----	58.2	6.2	7	-0.8
R6P	29	2	0.0	62.6	66	62.6	6	----	58.9	3.7	7	-3.3
R6Q	30	2	0.0	65.0	66	65.0	6	----	61.7	3.3	7	-3.7
R6R	31	4	0.0	58.8	66	58.8	6	----	54.6	4.2	7	-2.8
R6S	32	4	0.0	58.8	66	58.8	6	----	54.5	4.3	7	-2.7
R6T	33	4	0.0	58.9	66	58.9	6	----	54.4	4.5	7	-2.5
R6U	34	2	0.0	58.0	66	58.0	6	----	54.2	3.8	7	-3.2
R3B	35	1	0.0	58.5	72	58.5	6	----	58.5	0.0	7	-7.0

Dwelling Units	**# DUs**	**Noise Reduction**		
		Min	**Avg**	**Max**
		dB	**dB**	**dB**
All Selected	58	0.0	4.1	8.2
All Impacted	5	0.0	5.3	8.2
All that meet NR Goal	12	7.0	7.4	8.2

CHA 9 March 2012
EVN TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 9546
RUN: Flyover
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Noise Reduction Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Receiver 4	1	1	74.2	71.4	71	-2.8	6	Snd Lvl	71.4	0.0	7	-7.0
Receiver 5	2	1	62.7	63.3	66	0.6	6	----	63.3	0.0	7	-7.0
Receiver 3	3	1	71.0	72.5	66	1.5	6	Snd Lvl	72.5	0.0	7	-7.0
Receiver 1	4	1	61.7	64.2	66	2.5	6	----	64.2	0.0	7	-7.0
Receiver 6	5	1	68.5	68.9	66	0.4	6	Snd Lvl	60.7	8.2	7	1.2
Receiver 2	6	1	65.4	64.8	71	-0.6	6	----	64.8	0.0	7	-7.0
R6A	8	1	0.0	66.7	66	66.7	6	Snd Lvl	58.7	8.0	7	1.0
R6B	9	1	0.0	64.7	66	64.7	6	----	57.0	7.7	7	0.7
R6C	10	1	0.0	63.9	66	63.9	6	----	56.7	7.2	7	0.2
R4A	11	1	0.0	51.3	71	51.3	6	----	51.3	0.0	7	-7.0
R4B	12	1	0.0	63.1	66	63.1	6	----	63.1	0.0	7	-7.0
R4C	13	1	0.0	62.5	71	62.5	6	----	62.5	0.0	7	-7.0
R2A	14	1	0.0	56.4	71	56.4	6	----	56.4	0.0	7	-7.0
R6D	16	3	0.0	64.7	66	64.7	6	----	57.2	7.5	7	0.5
R6E	17	3	0.0	67.7	66	67.7	6	Snd Lvl	59.1	8.6	7	1.6
R6F	18	3	0.0	62.1	66	62.1	6	----	56.3	5.8	7	-1.2
R6G	19	2	0.0	62.7	66	62.7	6	----	55.7	7.0	7	0.0
R6H	20	2	0.0	62.4	66	62.4	6	----	55.2	7.2	7	0.2
R6I	21	1	0.0	60.0	66	60.0	6	----	54.0	6.0	7	-1.0
R6J	22	3	0.0	63.3	66	63.3	6	----	56.7	6.6	7	-0.4
R6K	23	1	0.0	65.8	66	65.8	6	----	58.0	7.8	7	0.8
R6L	25	2	0.0	67.1	66	67.1	6	Snd Lvl	59.6	7.5	7	0.5
R6M	27	3	0.0	64.3	66	64.3	6	----	57.6	6.7	7	-0.3
R6N	28	2	0.0	62.4	66	62.4	6	----	56.6	5.8	7	-1.2

R6O	29	1	0.0	65.2	66	65.2	6	----	57.9	7.3	7	0.3
R6P	30	2	0.0	63.3	66	63.3	6	----	59.6	3.7	7	-3.3
R6Q	31	2	0.0	66.3	66	66.3	6	Snd Lvl	62.7	3.6	7	-3.4
R6R	32	4	0.0	58.7	66	58.7	6	----	54.5	4.2	7	-2.8
R6S	33	4	0.0	59.1	66	59.1	6	----	54.2	4.9	7	-2.1
R6T	34	4	0.0	59.6	66	59.6	6	----	54.2	5.4	7	-1.6
R6U	35	2	0.0	58.6	66	58.6	6	----	54.3	4.3	7	-2.7
R3B	36	1	0.0	59.2	72	59.2	6	----	59.2	0.0	7	-7.0

Dwelling Units	**# DUs**	**Noise Reduction**		
		Min	**Avg**	**Max**
		dB	**dB**	**dB**
All Selected	58	0.0	4.4	8.6
All Impacted	11	0.0	5.1	8.6
All that meet NR Goal	18	7.0	7.6	8.6

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RESULTS: BARRIER-SEGMENT DESCRIPTIONS
PROJECT/CONTRACT: 9546
RUN: Flyover- w layout change
BARRIER DESIGN: 6-24-13

Barriers		Segments										
Name	Type	Name	No.	Heights			Length	If Wall			If Berm	Cost
				First Point	Average	Second Point		Area	On Struc?	Important Reflections?	Volume	
				ft	ft	ft	ft	sq ft			cu yd	$
Barrier16	W	point471	532	0.00	0.00	0.00	0	0				0
		point501	562	0.00	0.00	0.00	0	0				0
		point502	563	12.00	12.00	12.00	47	560				560
		point503	564	14.00	14.00	14.00	47	652				652
		point504	565	16.00	16.00	16.00	47	746				746
		point505	566	18.00	18.00	18.00	47	839				839
		point506	567	18.00	18.00	18.00	47	840				840
		point507	568	20.00	20.00	20.00	47	930				930
		point472	533	20.00	20.00	20.00	81	1624				1624
		point490	551	20.00	20.00	20.00	81	1624				1624
		point491	552	20.00	20.00	20.00	81	1625				1625
		point492	553	20.00	20.00	20.00	81	1624				1624
		point493	554	20.00	20.00	20.00	81	1624				1624
		point494	555	20.00	20.00	20.00	81	1624				1624
		point495	556	20.00	20.00	20.00	81	1628				1628
		point496	557	20.00	20.00	20.00	81	1624				1624
		point497	558	20.00	20.00	20.00	81	1624				1624
		point498	559	20.00	20.00	20.00	81	1626				1626
		point499	560	20.00	20.00	20.00	81	1624				1624
		point500	561	22.00	22.00	22.00	81	1786				1786
		point473	534	22.00	22.00	22.00	70	1546				1546
		point483	544	22.00	22.00	22.00	70	1545				1545
		point484	545	24.00	24.00	24.00	70	1686				1686
		point485	546	24.00	24.00	24.00	70	1683				1683
		point486	547	24.00	24.00	24.00	70	1686				1686
		point487	548	24.00	24.00	24.00	70	1686				1686

		point488	549	24.00	24.00	24.00	70	1686				1686
		point489	550	24.00	24.00	24.00	70	1686				1686
		point474	535	24.00	24.00	24.00	53	1273				1273
		point476	537	24.00	24.00	24.00	53	1274				1274
		point477	538	24.00	24.00	24.00	53	1276				1276
		point478	539	22.00	22.00	22.00	53	1170				1170
		point479	540	22.00	22.00	22.00	53	1169				1169
		point480	541	18.00	18.00	18.00	53	952				952
		point481	542	16.00	16.00	16.00	54	860				860
		point482	543	14.00	14.00	14.00	53	741				741

CHA 3 September 2013
EVN TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 9546
RUN: Flyover- w layout change
BARRIER DESIGN: 6-24-13
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Noise Reduction Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Receiver 6	5	1	68.5	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6A	8	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6B	9	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6C	10	1	0.0	63.9	66	63.9	6	----	56.6	7.3	7	0.3
R6D	16	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6E	17	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6F	18	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6G	19	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6H	20	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6I	21	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6J	22	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6K	23	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6L	25	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6M	27	3	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6N	28	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6O	29	1	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6P	30	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6Q	31	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6R	32	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6S	33	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6T	34	4	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0
R6U	35	2	0.0	0.0	66	0.0	6	inactive	0.0	0.0	7	0.0

Dwelling Units	# DUs	Noise Reduction

RESULTS: SOUND LEVELS **9546**

			Min	Avg	Max
			dB	dB	dB
All Selected		48	0.0	0.3	7.3
All Impacted		0	0.0	0.0	0.0
All that meet NR Goal		1	7.3	7.3	7.3