FEBRUARY 6, 2026

Mr. Shay Mueller
RC HOBBS COMPANY
1428 East Chapman Avenue
Orange, CA 92866

SUBJECT: TTM 39105 RESIDENTIAL PROJECT REVISED TRIP GENERATION SCREENING & VEHICLE MILES TRAVELED (VMT) ANALYSIS, CITY OF JURUPA VALLEY

Dear Mr. Mueller:

INTRODUCTION

RK ENGINEERING GROUP, INC. (RK) is pleased to submit this Revised Trip Generation Screening & Vehicle Miles Traveled (VMT) Analysis for the proposed TTM 39105 Residential Project.

The purpose of this study is to utilize the *City of Jurupa Valley Traffic Impact Analysis Guidelines: Methodologies and Requirements for General Plan Compliance Analysis and CEQA VMT Analysis*, dated November 2020, which establishes uniform analysis methodologies and thresholds of significance for determining LOS as well as VMT impacts under the California Environmental Quality Act (CEQA), to determine if the project will require a detailed level of service (LOS) analysis and/or a detailed VMT modeling analysis.

This study has been revised to incorporate additional analyses requested by the City of Jurupa Valley in a comment letter dated July 18, 2025. These items include a corner sight distance analysis at the project access driveways and turning template evaluations for key vehicle types (i.e., waste management trucks, fire trucks, and delivery trucks). Relevant excerpts from the July 18, 2025 comment letter are provided in **Appendix A**.

PROJECT DESCRIPTION

The proposed project site is located near the southeast corner of Limonite Avenue and Baldwin Avenue, in the City of Jurupa Valley. The project consists of developing eighty-five (85) attached residential dwelling units on approximately 6.46 acres. The site is currently vacant and is located adjacent to the former Albertsons grocery store which is no longer in business.

The project requests an entitlement change to update its general plan land use designation from Business Park (BP) to Highest Density Residential (HHDR), a specific plan amendment to remove the parcel from the Mission De Anza Specific Plan and Business Park Overlay, and a zone change from Scenic Highway Commercial (C-P-S) to General Residential (R-3).

Exhibit A shows an aerial location map of the project site. **Exhibit B** shows the project's proposed site plan.

PROJECT ACCESS DRIVEWAYS

As shown in Exhibit A, access to the project is proposed to be provided via the two (2) existing unsignalized driveways along Baldwin Avenue.

It should be noted that both of these driveways along Baldwin Avenue currently provide access to the adjacent De Anza Marketplace commercial center. As part of the project, a screening wall will be constructed along the perimeter of the project. As a result, these existing driveways along Baldwin Avenue will exclusively serve traffic from the proposed residential development and will no longer provide access to the adjacent De Anza Marketplace commercial center.

As also shown in Exhibit A, access to the adjacent De Anza Marketplace commercial center site will continue to be provided via the existing unsignalized driveway along Limonite Avenue and via the existing signalized intersection of Clay Street and De Anza Market Place/De Anza Plaza Drive. Since Baldwin Avenue is a smaller roadway that doesn't provide a major through connection, it is presumed that the majority of existing traffic for the De Anza Marketplace commercial center is served via these Limonite Avenue & Clay Street access points. It is also noted that the main building within the De Anza Marketplace commercial center that would generate large truck deliveries (formerly occupied by Albertsons grocery store) is currently vacant.

Per Figure 3-25 (Commercial Truck Restriction Map, 2016), of the City of Jurupa Valley General Plan, there are no truck restrictions on Limonite Avenue or Clay Street. Therefore, these two access points will remain fully available for commercial truck deliveries and will continue to provide adequate ingress/egress for all traffic entering/exiting the De Anza Marketplace commercial center site.

TRIP GENERATION

Trip generation represents the amount of traffic that is attracted and produced by a development. Trip generation represents the amount of traffic that is attracted and produced by a development. Typically, trip generation rates from the latest Institute of Transportation Engineers (ITE) Trip Generation Manual (12th Edition, 2025) are used when calculating a proposed project's trip generation forecast. This publication provides a comprehensive evaluation of trip generation rates for a variety of land uses.

The project proposes to construct eighty-five (85) attached residential dwelling units. As such ITE Land Use 215: Single-Family Attached Housing are the most appropriate trip rates for this land use.

Table 1 shows the ITE trip generation rates utilized for the trip generation analysis of the proposed project land use and the proposed project trip generation forecasts based on those ITE trip generation rates.



Exhibit A

Location Map



Exhibit B

Project Site Plan

Table 1 | Project Trip Generation Rates & Forecast[1]

Land Use (ITE Code)	Quantity	Units[1]	Weekday						Daily
			AM Peak Hour			PM Peak Hour			
			In	Out	Total	In	Out	Total	
ITE Trip Generation Rates									
Single-Family Attached Housing (215)	--	DU	25%	75%	0.47	57%	43%	0.51	6.57
Trip Generation Forecast									
Single-Family Attached Housing (215)	85	DU	10	30	40	25	18	43	558

[1] Source: ITE Trip Generation Manual (12th Edition, 2025).

[2] DU = Dwelling Unit

As shown in Table 1, based on the ITE trip generation rates, the proposed project is forecast to generate approximately 558 daily trips, which include approximately 40 AM peak hour trips and 43 PM peak hour trips.

As specified in the *City of Jurupa Valley Traffic Impact Analysis Guidelines: Methodologies and Requirements for General Plan Compliance Analysis and CEQA VMT Analysis*, dated November 2020, the following project types may not be required to provide a full TIA that includes LOS analysis due to the presumptions of the activities associated with the project or the limited project trip generation.

- All residential parcel maps;
- Single family residential tracts of less than 100 DUs;
- Apartments and multifamily projects less than 150 DUs;
- Plot plan and conditional use cases for projects of one acre or less;
- Preschools;
- Local serving churches, community centers, neighborhood parks, and community parks;
- Mini storage yards;
- Congregate care facilities that contain significant on-site special services such as medical facilities, dining facilities, recreation facilities, and support retail services; and
- Any other use which can demonstrate trip generation of less than 100 vehicles trips during any hour of the day.

Because the Project is a single-family residential project less than 100 DUs (i.e., 85 DUs), generates less than 100 peak hour trips (i.e., 40 AM peak hour trips and 43 PM peak hour trips), and is not expected to result in any significant adverse impacts on the operations of the roadway network and intersections, the proposed project is not required to prepare a full traffic impact analysis and a trip generation memorandum would be considered sufficient.

VEHICLE MILES TRAVELED SCREENING ASSESSMENT

The *City of Jurupa Valley Traffic Impact Analysis Guidelines: Methodologies and Requirements for General Plan Compliance Analysis and CEQA VMT Analysis*, dated August 2020, provides recommendations in the form of thresholds of significance and methodologies for identifying VMT related impacts. The proposed project is subject to a VMT screening analysis and will adhere to the recommendations and practices described in the City's guidelines.

The City of Jurupa Valley has developed three (3) types of screening criteria that can be applied to effectively screen projects from project-level assessment. The screening steps are identified below:

- Step 1: Transit Priority (TPA) Screening
- Step 2: Low VMT Area Screening
- Step 3: Project Type Screening

Step 1: Transit Priority Area (TPA) Screening

Based on the City's VMT Guidelines, "Projects located within a TPA or HQTA may be presumed to have a less than significant impact absent substantial evidence to the contrary." However, this presumption may not be appropriate if the project:

- Has a Floor Area Ratio (FAR) of less than 0.75;
- Includes more parking for use by residents, customers, or employees of the project, than required than required by the jurisdiction;
- Is inconsistent with the applicable Sustainable Communities Strategy (as determined by the lead agency, with input from RCTC); or
- Replaces affordable residential units with a smaller number of moderate or high-income residential units.

A transit priority area is defined as a half mile area around an existing major transit stop or a high-quality transit corridor. A major transit stop refers to a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency service interval of 20 minutes or less during the morning and afternoon peak commute periods. A high-quality transit corridor refers to a corridor with fixed route bus service intervals no longer than 20 minutes during peak commute hours.

To determine if the project is in a transit priority area (TPA), the Western Riverside Council of Governments (WRCOG) online VMT screening tool was utilized. The WRCOG VMT Screening Tool printouts are provided in **Appendix B.** As shown in Appendix B, the proposed project is not located within a TPA. As such, the project does not meet this screening criteria.

Step 2: Low VMT Area Screening

Per the City of Jurupa Valley Guidelines, residential and office projects located within a low VMT-generating area are presumed to have a less than significant impact absent substantial evidence to the contrary. To determine if the project is in a low VMT area, the Western Riverside Council of Governments (WRCOG) online VMT screening tool was utilized to compare the VMT per capita of the Project's TAZ to the City's adopted threshold of significance (i.e., Below the City of Jurupa Valley's average VMT per capita) under the notice of preparation (NOP) year. For the purposes of this analysis, the NOP year is assumed to be 2024.

The results of the VMT screening analysis are summarized in **Table 2**.

Table 2 | Step 2: Low VMT Area Screening Assessment[1,2]

Project TAZ	NOP Year	VMT/Capita
853	2024	15.9
City of Jurupa Valley VMT Threshold of Significance		**15.7**
Exceeds the Threshold of Significance? (Yes/No)		**Yes**

1. Western Riverside Council of Governments (WRCOG) VMT Screening Tool.
2. Website: https://fehrandpeers.maps.arcgis.com/apps/webappviewer/index.html?id=4e34ad3196464c8086c881189237b25c Accessed: October 2024

As shown in Table 2, the City of Jurupa Valley has a threshold of significance of 15.7 VMT per capita. As also shown in Table 2, the Project's TAZ VMT is 15.9 VMT per capita, which exceeds the threshold of significance. As such, the Project does not meet this screening criteria.

Step 3: Project Type Screening

Per the City of Jurupa Valley Guidelines, local serving retail projects less than 50,000 square feet may be presumed to have a less than significant impact absent substantial evidence to the contrary.

In addition to local serving retail, the following uses can also be presumed to have a less than significant impact absent substantial evidence to the contrary as their uses are local serving in nature:

- Local parks;
- Day care centers;
- Local-serving retail centers, gas stations, and banks;
- Local-serving restaurants, including with drive-through;

- Local-serving hotels (e.g. non-destination hotels);
- Local serving community colleges that are consistent with the assumptions noted in the RTP/SCS; and
- Projects generating less than 250 daily vehicle trips.

Since the Project is not any of the project types identified above, the Project does not meet the screening criteria.

VMT Screening Assessment Summary

The Project does not meet any of the screening criteria. As such, the Project is required to complete a full VMT analysis and forecasting using RIVCOM to determine whether the project has a significant impact or a significant effect on VMT.

CEQA VMT Thresholds of Significance

Project Impact Thresholds

A project would result in a significant project-generated VMT impact if:

a) For residential projects, its net VMT per capita exceeds the City's existing average VMT per capita.

b) For office and industrial projects, its net VMT per employee exceeds the City's existing average VMT per employee.

c) For all other uses, a net increase in total VMT within the City would be considered a significant impact.

It should be noted that if the Baseline Plus Project Conditions results in a less than significant impact, then additional cumulative scenario analysis may not be required.

Cumulative Impact Thresholds

If a project is consistent with the regional RTP/SCS, then the cumulative impacts shall be considered less than significant subject to consideration of other substantial evidence. If it is not consistent with the RTP/SCS, a project would result in a significant VMT impact if:

a) For residential projects, its cumulative project-generated VMT per capita exceeds the average VMT per capita for Jurupa Valley in the RTP/SCS horizon-year.

b) For office and industrial projects, its cumulative project-generated VMT per employee exceeds the average VMT per employee for Jurupa Valley in the RTP/SCS horizon year.

c) For all other land development project types, a net increase in total VMT in the Cumulative Plus Project scenario versus the RTP/SCS Without Project horizon-year would be considered a significant impact.

VEHICLE MILES TRAVELED ANALYSIS METHODOLOGY

Pursuant to the City of Jurupa Valley VMT Guidelines, the latest version of the Riverside County Transportation Model (RIVCOM Ver. 4.0) was utilized to conduct full model runs for the proposed project to quantify and evaluate potential VMT impacts and effects for the following scenarios:

- Baseline (Notice of Preparation Year) Year 2024 No-Project Conditions
- Baseline Year 2024 Plus Project Conditions
- Cumulative Year 2045 No-Project Conditions; and
- Cumulative Year 2045 Plus Project Conditions.

RIVCOM is a four-step travel demand model operating on TransCAD Version 8.0 that performs the following classical modeling steps:

1. Trip Generation (i.e., number of trips);
2. Trip Distribution (i.e., the path where those trips go);
3. Mode Choice (i.e. how the trips are divided among the available modes of travel); and
4. Trip Assignment (i.e., the trips are loaded onto the network).

It should be noted that RIVCOM has a base model year of 2018 and a cumulative model year of 2045. For the "no-project" scenarios, full model runs were performed with no modifications made; for "plus project" scenarios, full model runs were performed with the Project's land use added into the Project TAZ. The VMT statistics for Baseline Year 2024 scenarios were developed by interpolating between the Base Model Year 2018 and Cumulative Year 2045 scenarios.

The VMT changes were then isolated for the project TAZ and compared to the threshold of significance as identified in the City's VMT guidelines to assess the Project's impact on VMT. The Project's VMT changes across the full model network were also evaluated and compared to the no project condition to assess the project's effect on VMT.

It should be noted that if the Baseline Plus Project Conditions results in a less than significant impact, then the additional cumulative scenario analysis may not be required per the City of Jurupa Valley VMT Guidelines.

RIVCOM VMT ANALYSIS

RIVCOM Socio-Economic Data Modifications

The Project is located in traffic analysis zone (TAZ) 853. A copy of the RIVCOM TAZ Map with the project boundary is illustrated in **Exhibit C.**

The project's socio-economic data was calculated based on the average household size of 4.21 identified in the *City of Jurupa Valley General Plan Housing Element 2021-2029*, approved December 2, 2021. As such, the 85 multifamily DUs are anticipated to house approximately 358 residents.

Table 3 summarizes the socio-economic data changes for the Project.

Table 3 | RIVCOM Socio-Economic Data Modifications for the Project[1,2]

TAZ	RIVCOM Scenario Model Run	Households	Single-Family DUs	Total Population	Household Population
853	Base Model Year 2018 No-Project	944	879	3,789	3,788
	Project	+85	+85	+358	+358
	Base Model Year 2018 With Project	1,029	964	4,147	4,146
	Cumulative Year 2045 No-Project	1,147	880	4,300	4,299
	Project	+85	+85	+358	+358
	Cumulative Year 2045 With Project	1,232	965	4,658	4,657

[1] Source: 2024 RTP SCAG Travel Demand Model

[2] Source: *City of Jurupa Valley General Plan Housing Element 2021-2029*, approved December 2, 2021. Residents were estimated utilizing the City of Jurupa Valley average household size of 4.21.

Project VMT Impact Assessment

The RIVCOM VMT post processing tool was used to calculate the daily home-based production VMT for both Base Model Year 2018 and Cumulative Year 2045 scenarios. The VMT statistics for Baseline Year 2024 scenarios were developed by interpolating Base Model Year 2018 and Cumulative Year 2045 scenarios.

Table 4 shows the total home-based VMT, total population, and total home-based VMT per capita for the interpolated Baseline Year 2024 Scenarios based on the total home-based VMT and total population of the Base Model Year 2018 and Cumulative Year 2045 scenarios.

The results for all model runs of the VMT analysis are included in **Appendix C.**



Legend

= Project Site Boundary

= Project TAZ 853

N

Exhibit C

RIVCOM TAZ Map With Project Site Boundary

Table 4 | RIVCOM Project Impact on VMT Assessment

TAZ	VMT Metrics	Base Model Year 2018		Cumulative Model Year 2045			Baseline Year 2024[1]		
		No Project	With Project	No Project	With Project	Net VMT Impact	No Project	With Project	Net VMT Impact
853	Total Home-Based VMT	59,627.30	59,561.30	70,277.20	70,253.80	-23.4	61,994.00	61,937.40	-56.6
	Total Household Population	3,788	4,146	4,299	4,657	358	3,902	4,260	358
Project HB-VMT/Capita				**16.3**	**15.1**	**-0.1**	**15.9**	**14.5**	**-0.2**
VMT Threshold of Significance				**15.7**					
Exceeds the Threshold of Significance?				**Yes**	**No**	**No**	**Yes**	**No**	**No**

[1] Linear Interpolation between Years 2018 and 2045 "Scenarios to develop the home-based VMT for Baseline Year 2024 scenarios.

As shown in Table 4, the Project's TAZ VMT is 15.9 home-based VMT per capita under the Baseline No-Project scenario, which is consistent with the results of the WRCOG screening tool. As also shown in Table 4, the Project's TAZ VMT is 14.5 home-based VMT per capita under the Baseline With Project scenario, which does not exceed the City of Jurupa Valley's VMT threshold of significance of 15.7 VMT per capita.

As also shown in Table 4, the Project decreases the total home-based VMT in the TAZ by 56.6 home-based VMT between the "no-project" and "with project" scenarios, which results in a net project VMT of -0.2 home-based VMT per capita. The net project generated VMT does not exceed the City of Jurupa Valley's VMT threshold of significance under the baseline scenario.

Since the project proposes to change the general land use designation from Business Park (BP) to Highest Density Residential (HHDR), a cumulative analysis is required.

As also shown in Table 4, Project's TAZ VMT is 15.1 home-based VMT per capita under the Baseline With Project scenario, which does not exceed the City of Jurupa Valley's VMT threshold of significance of 15.7 VMT per capita.

As also shown in Table 4, the Project decreases the total home-based VMT in the TAZ by 23.4 home-based VMT between the "no-project" and "with project" scenarios, which results in a net project VMT of -0.2 home-based VMT per capita. The net project generated VMT does not exceed the City of Jurupa Valley's VMT threshold of significance under the cumulative scenario.

As such, the project has a less than significant impact on VMT under Baseline Year 2024 Conditions and Cumulative Year 2045 Conditions.

Project Effect on VMT Assessment

The project's effect on VMT at the citywide level is also analyzed to determine if the VMT per capita increases under the Baseline Plus Project compared to the Baseline No Project Conditions. The VMT statistics for Baseline Year 2024 scenarios were developed by interpolating between Base Model Year 2018 and Cumulative Year 2045 scenarios.

Table 5 summarizes the findings of the project's effect on VMT for Baseline Year 2024 for the City of Jurupa Valley.

Table 5 | RIVCOM Project Effect on VMT Assessment

Agency	VMT Metrics	Base Model Year 2018		Cumulative Model Year 2045			Baseline Year 2024[1]		
		No Project	With Project	No Project	With Project	Net VMT	No Project	With Project	Net VMT
City of Jurupa Valley	Link Level VMT	4,030,489.0	4,031,743.0	5,380,174.5	5,381,914.6	1,740.10	4,330,419.1	4,331,781.1	1,362.00
	Total Household Population	106,073	106,431	116,783	117,141	358	108,453	108,811	358
Citywide Total Link-Level VMT/Capita				**46.07**	**45.94**	**4.86**	**39.93**	**39.81**	**3.80**
Percent (%) Difference Between No-Project & With Project Scenario				**-0.28%**			**-0.30%**		

[1] Linear Interpolation between Years 2018 and 2045 "Scenarios to develop the home-based VMT for Baseline Year 2024 scenarios.

As shown in Table 5, the Project results in a 0.30% decrease in VMT per capita between the Baseline No-Project and With Project scenarios, and a 0.28% decrease in VMT per capita between the Baseline No-Project and With Project scenarios. As such, the project has a less than significant effect on VMT and a cumulative analysis is not required.

VMT Analysis Conclusions

Based on the results of the VMT analysis, the project is expected to reduce the VMT/capita because of its high residential density and proximity to commercial and retail land uses within the same plaza. The project has a residential density of 21.25 DU/acres, whereas the residential density of a typical development is 9.1 DU/acre per the California Air Pollution Officers Association (CAPCOA)'s *Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity,* dated October 2024. Higher residential density and increased land use diversity within the TAZ are generally associated with reduced VMT, as these characteristics tend to shorten average trip lengths by placing more residents closer to daily destinations, and therefore encourage the use of alternative travel modes.

CORNER SIGHT DISTANCE ANALYSIS

As requested by the City of Jurupa Valley, a corner sight distance analysis was conducted for the two proposed project driveways along Baldwin Avenue. The purpose of this analysis is to confirm that sufficient sight distance is available at each access point in accordance with County of Riverside standards.

Methodology

This analysis was conducted in accordance with Riverside County Standard Plan No. 821: Intersection Sight Distance. Sight distance was measured from a decision point located 15 feet back from the edge of the traveled way. A driver's eye height of 3.5 feet and an object height of 3.5 feet were used per the County standard.

Based on the City of Jurupa Valley General Plan Mobility Corridors Map, as shown in **Exhibit D**, Baldwin Avenue is classified as a local corridor. As such, a design speed of 25 miles per hour (mph) was applied. Per Standard Plan 821, the minimum required corner sight distance for a public street at 25 mph is 275 feet for a two-lane undivided roadway. Because Baldwin Avenue is a two-lane undivided roadway, and the minor street approach grade at both project driveways does not exceed 3%, no adjustments to the standard corner sight distance requirement were necessary.

Findings

Exhibits E and **F** illustrate the clear sight triangles at the project's north and south access driveways along Baldwin Avenue. As shown in these exhibits, both project access driveways are expected to have adequate corner sight distance. Within the limited use of each clear sight, foliage has been identified to potentially obstruct a driver's line of sight.

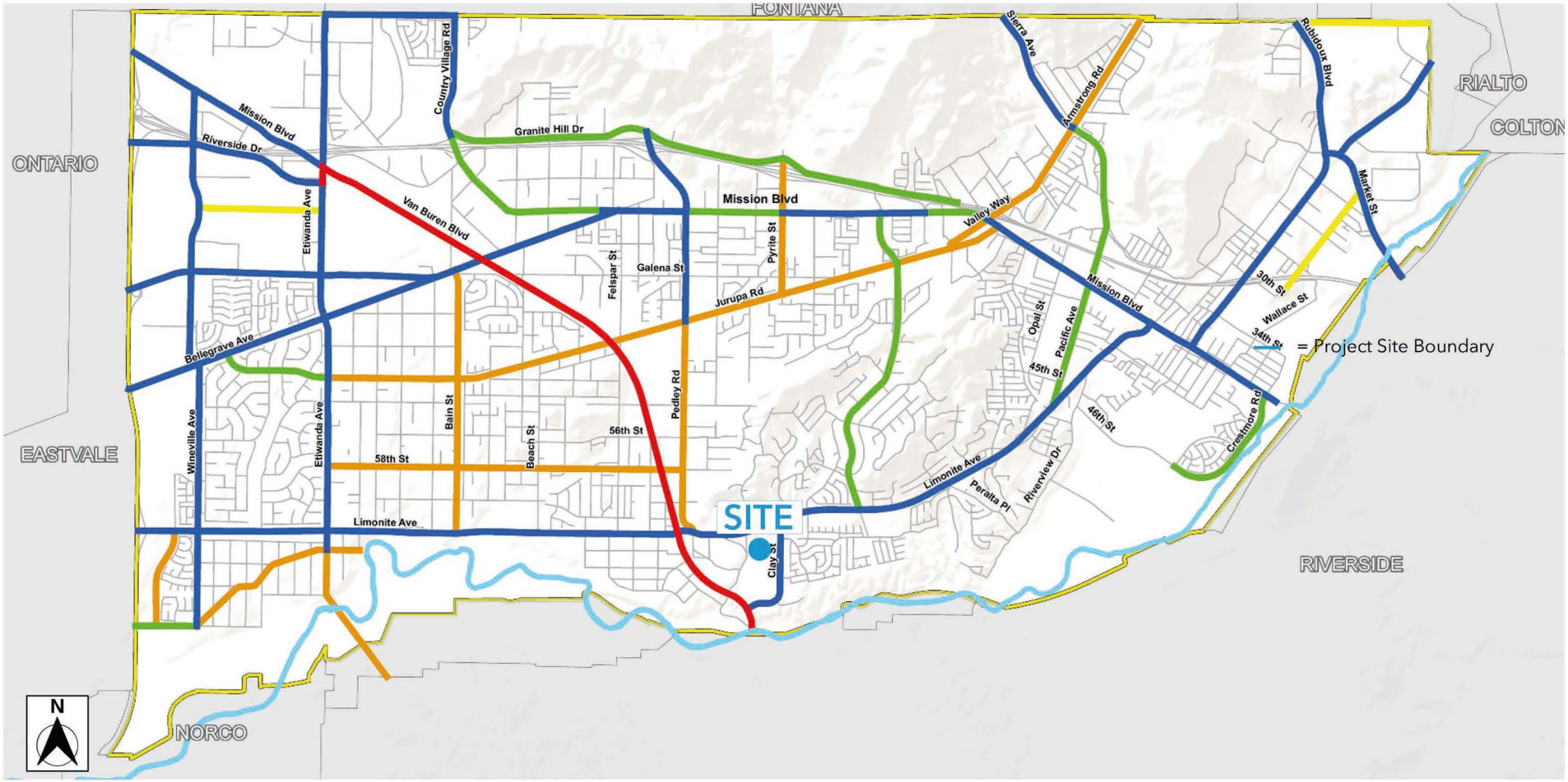
Recommendations

The following recommendations are provided to ensure adequate corner sight distance at the project access driveways:

- Project design features (e.g., property walls and proposed landscaping) within the limited-use area should not exceed 30 inches in height.
- Trim and maintain foliage continuously within the corner sight distance limited use area up to thirty inches in height.
- Any future landscaping and/or hardscapes (i.e., monument signs) should be designed such that a driver's clear line of sight is not obstructed.

TURNING TEMPLATE ANALYSIS

As requested by City staff, turning templates were prepared to evaluate site circulation and maneuverability for three vehicle types: waste collection trucks, fire trucks, and delivery trucks. The templates were generated using AutoTURN Pro, a vehicle swept path analysis tool that includes an extensive library of design vehicles sourced from national and international standards.



Legend

- = Express Corridor (220')
- = Primary Corridor (153')
- = Secondary or Crosstown Corridor (100')
- = Neighborhood Collector Corridor (74')
- = Industrial Collector Corridor (68')
- = Local Corridor
- = Santa Ana River
- = City of Jurupa Valley

Exhibit D

City of Jurupa Valley Mobility Corridors Map



Legend

- = Decision Point
- = Oncoming Vehicle
- = Limited Use Area
- = Line of Sight
- = Corner Sight Distance

SCALE: 1" = 40'

40 20 0 40 80

Exhibit E

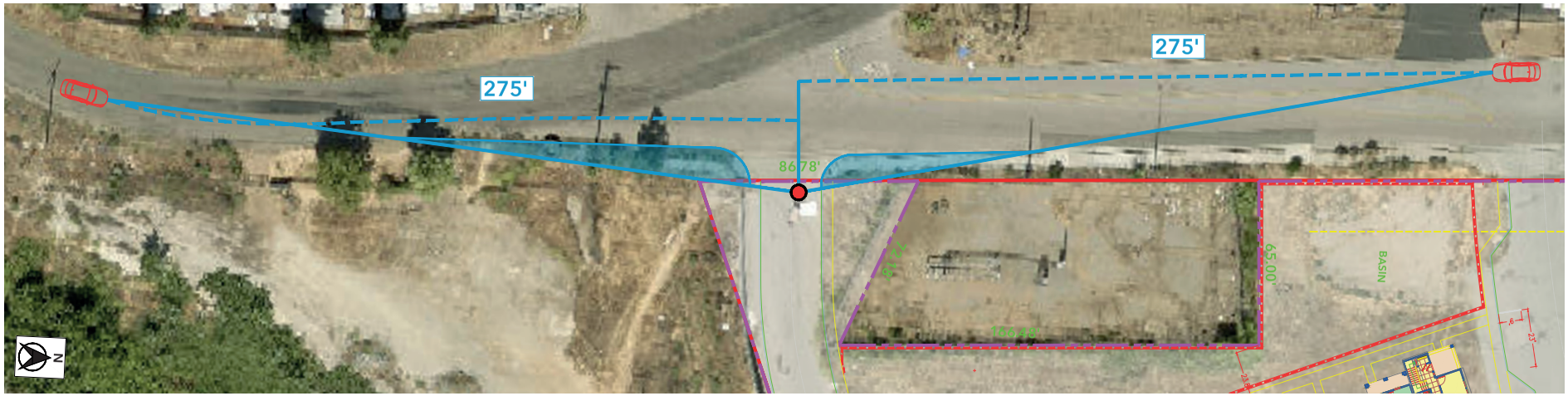
Corner Sight Distance Analysis

Baldwin Avenue (N/S) at Northern Project Access Driveway (E/W)

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Legend

- = Decision Point
- = Oncoming Vehicle
- = Limited Use Area
- = Line of Sight
- = Corner Sight Distance

SCALE: 1" = 40'

40 20 0 40 80

Exhibit F

Corner Sight Distance Analysis

Baldwin Avenue (N/S) at Southern Project Access Driveway (E/W)

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Waste Collection Trucks

For garbage and recycling services in Jurupa Valley, Burrtec Waste holds an exclusive franchise agreement with the City for both residential and commercial services. Burrtec Waste's truck dimensions are not specified, but their service vehicles and containers are designed for different needs, with typical waste trucks being around 23 to 28 feet long. As such, a 25-foot design truck has been utilized.

The vehicle path, as shown in **Exhibit G**, demonstrates the truck entering the site via the southern driveway, circulating in a counter-clockwise direction, and servicing designated dumpster locations in the southwest and northeast corners of the site. The vehicle then continues along the internal drive aisles and exits at the northern (main) driveway.

The internal circulation layout accommodates the vehicle's turning radius and operational needs without requiring multi-point maneuvers or reverse movements. Access to both dumpster areas is clear and unobstructed.

Fire Trucks

The fire truck turning template was based on the Aerial Fire Truck defined in NCHRP Report 659 (2010). As illustrated in **Exhibit H**, the vehicle enters the site via the northern access driveway, travels in a clockwise direction, and circulates through the internal drive aisles without conflict. The turning template confirms that the fire truck can perform all turning maneuvers within the available roadway widths and is able to exit the site via the southern access driveway.

Delivery Trucks

The delivery truck turning template was based on a 30-foot Unit Truck (SU-30) from the 2018 AASHTO Green Book. The template, as shown in **Exhibit I**, followed a similar path to the fire truck, entering the site via the northern driveway, circulating in a clockwise direction, and exiting via the southern driveway.

As delivery vehicles are generally smaller and more maneuverable than fire trucks or waste collection trucks, the turning template confirms that the internal drive aisles provide adequate clearance and turning radii for typical delivery operations throughout the site.

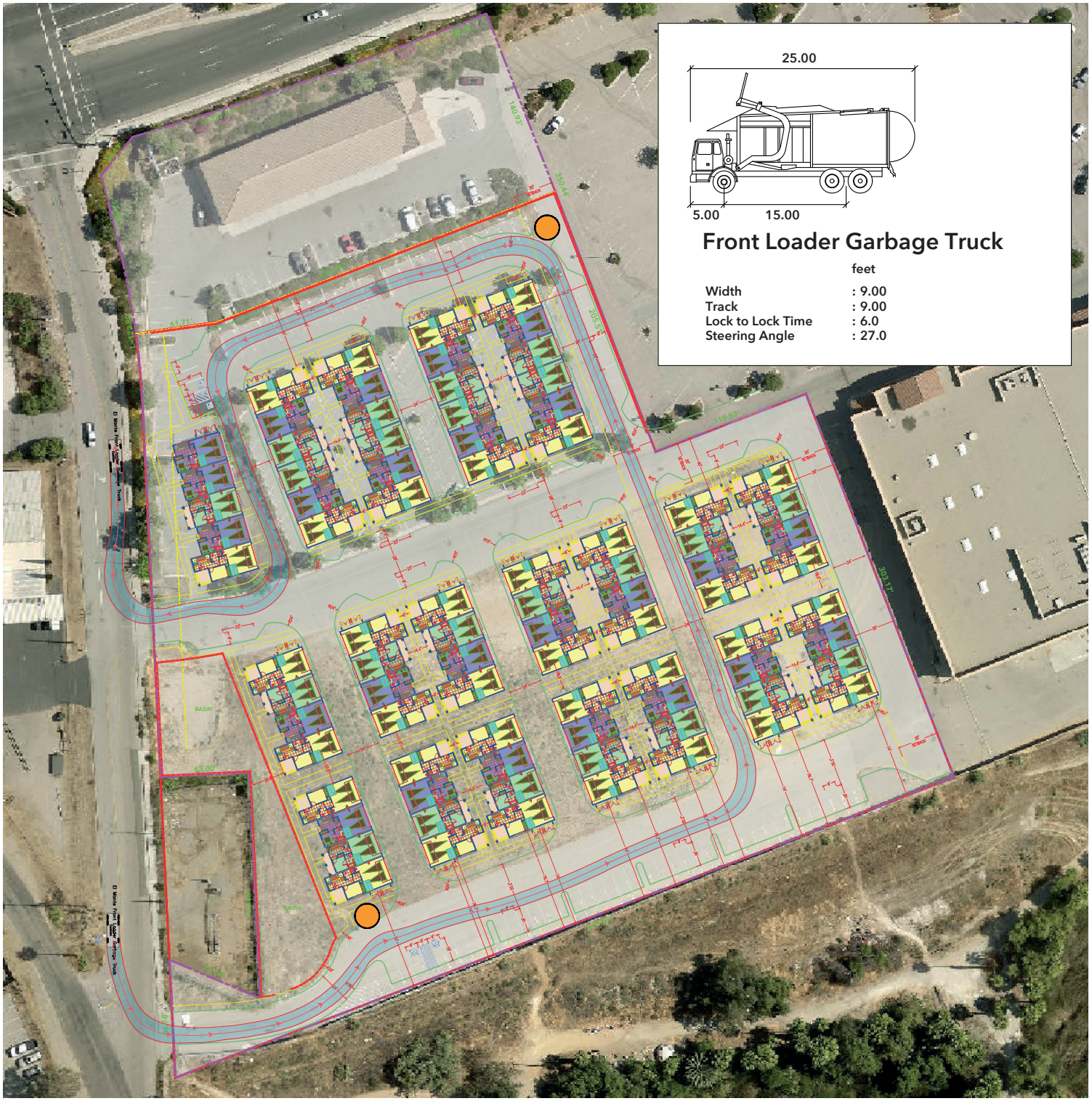


Exhibit G

Waste Managment Truck Turning Template

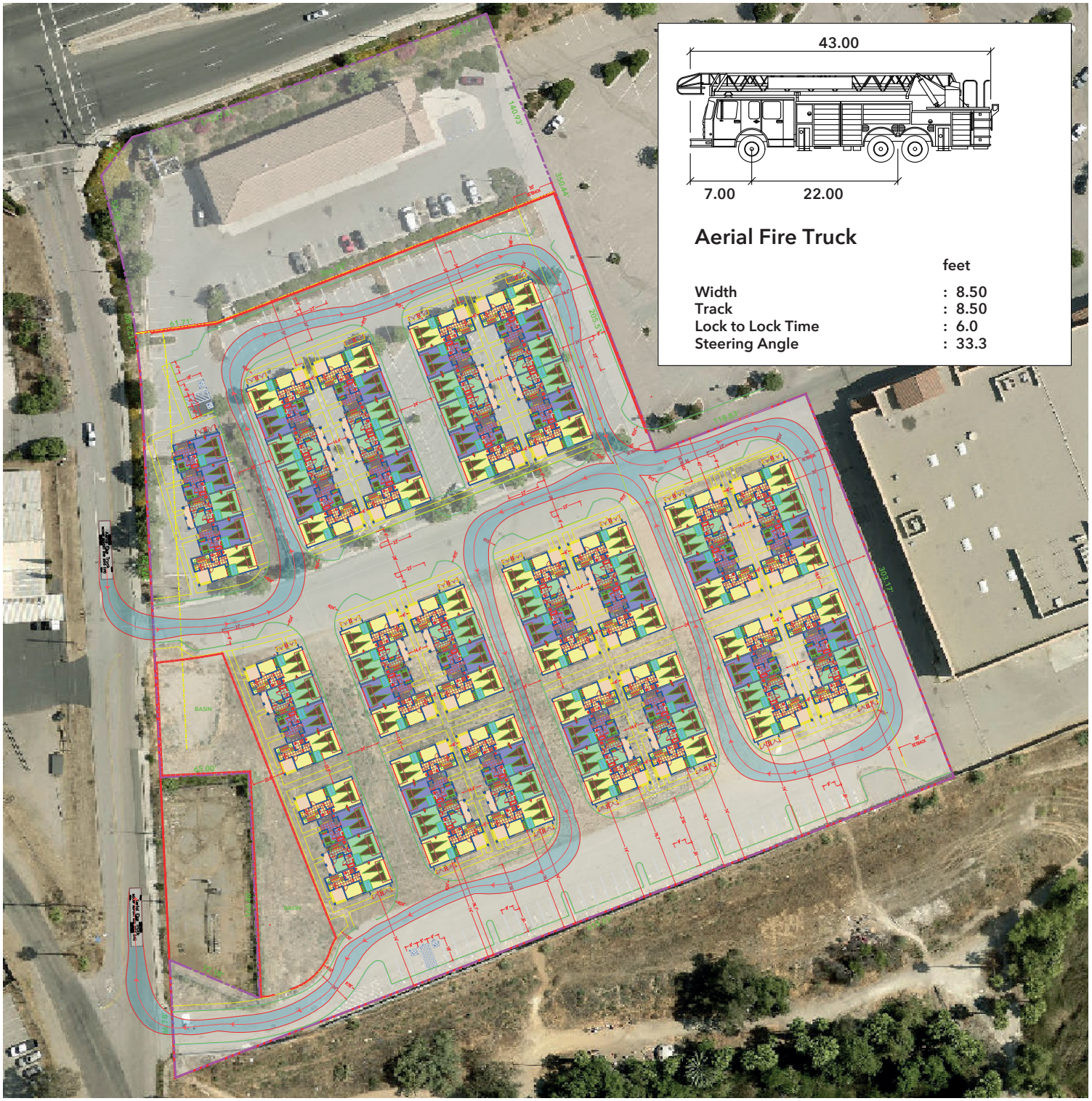


Exhibit H

Fire Truck Turning Template

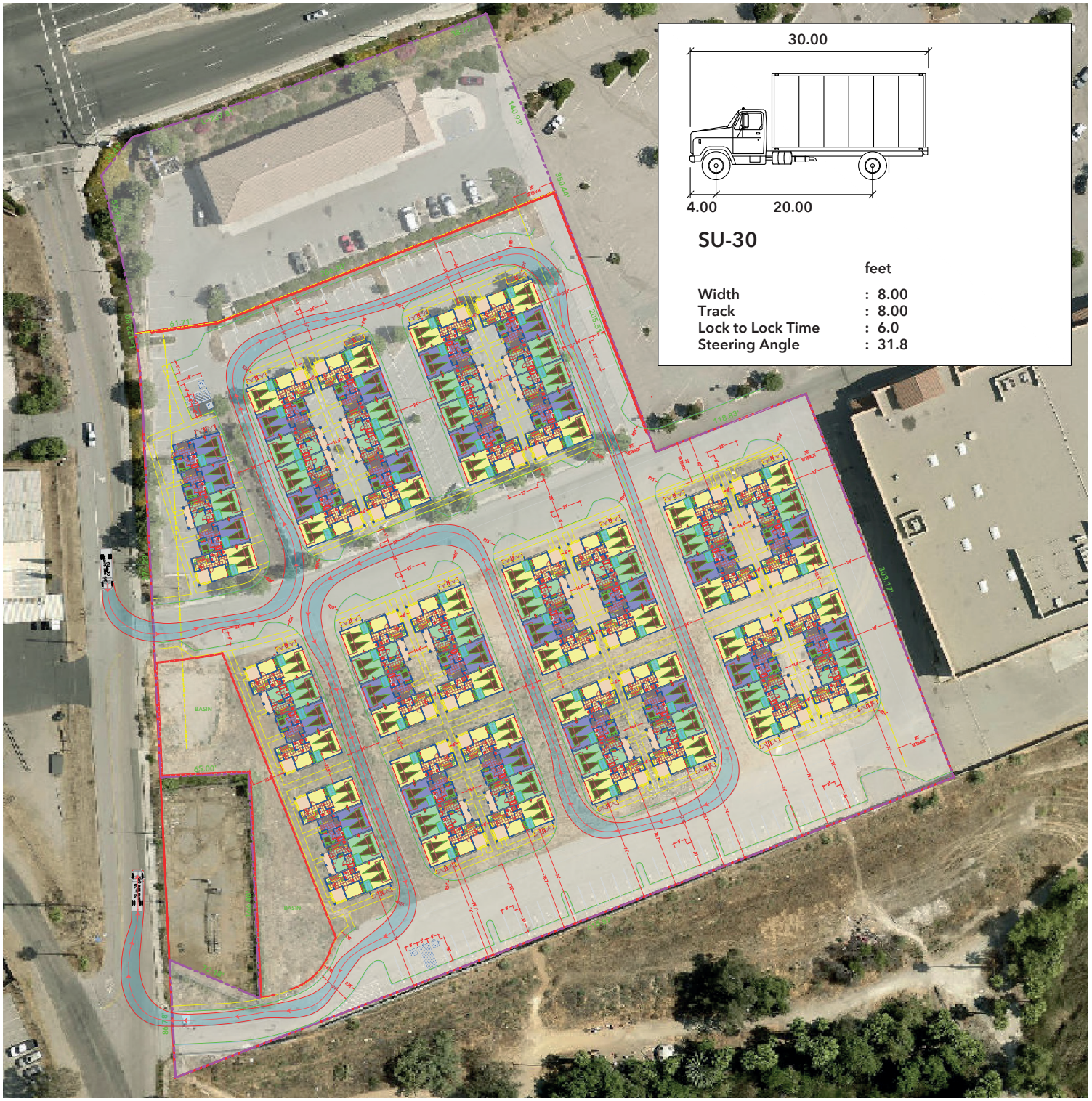


Exhibit I

Delivery Vehicle Turning Template

EXISTING TRAFFIC CONDITIONS

Existing conditions intersection level of service calculations are based upon manual AM and PM peak hour turning movement counts taken on January 27, 2026 during typical weekday conditions. The weekday AM and PM peak hour traffic volumes were determined by counting the period from 7:30 AM to 9:00 AM, and from 3:30 PM to 6:00 PM, respectively, and using the highest hour within each two-hour peak period. **Appendix D** shows the Existing weekday AM and PM peak hour traffic volumes.

Existing conditions roadway segment daily level of service calculations are based upon manual 24-hour roadway segment observations that were collected on January 27, 2026 during typical weekday conditions. Counts were recorded in 15-minute intervals to capture the daily weekday conditions. **Appendix E** shows the 24-hour roadway segment counts.

STUDY INTERSECTION LEVEL OF SERVICE ANALYSIS

Methodology

Level of service is typically dependent on the quality of traffic flow at the intersection along a roadway. The Highway Capacity Manual 7th Edition (HCM 7) expresses the level of service at an intersection in terms of delay time for various intersection approaches. The HCM 7 uses different procedures depending on the type of intersection control. The levels of service determined in this study are calculated using the HCM 7 methodology.

For signalized intersections, average control delay per vehicle is used to determine the LOS. For all-way stop-controlled intersections, average control delay per vehicle is also used to determine the LOS.

For this study, the HCM level of service grades will be determined utilizing the HCM 7 methodology and the PTV Vistro analysis software. All analysis parameters utilized in this analysis are in accordance with the *City of Jurupa Valley Traffic Impact Analysis Guidelines: Methodologies and Requirements for General Plan Compliance Analysis and CEQA VMT Analysis*, dated November 2020 (TIA Guidelines). Existing peak hour factors have been calculated based upon the manual turning movement counts collected at the study area intersections.

LOS Performance Criteria & Thresholds for Requiring LOS Improvements

The City of Jurupa Valley's General Plan recommends a LOS standard of LOS D. Signalized study intersections operating at an acceptable LOS without project traffic in which the addition of project traffic causes the intersection to degrade to a LOS E or F shall identify improvements to improve operations to LOS D or better. Any signalized study intersection that is operating at LOS E or F without project traffic where the project increases delay by 3.0 or more seconds shall identify improvements to offset the increase in delay.

Based on the City's TIA Guidelines the minimum LOS required is LOS D.

Table 6 | HCM Intersection LOS & Delay Ranges

LOS	Average Control Delay Per Vehicle (Seconds)	
	Signalized	Unsignalized
A	0.00 - 10.00	0.00 - 10.00
B	10.01 - 20.00	10.01 - 15.00
C	20.01 - 35.00	15.01 - 25.00
D	35.01 - 55.00	25.01 - 35.00
E	55.01 - 80.00	35.01 - 50.00
F	>80.00	>50.00

Existing LOS calculations for the study intersection are shown on **Table 7** and are based on the existing lane geometry and the Existing AM and PM peak hour traffic volumes.

As shown in Table 7, the study intersection currently operates at an acceptable LOS during the AM and PM peak hours under Existing Conditions.

Table 7 | Study Intersection LOS Summary – Existing Conditions

Study Intersection	Traffic Control[1]	Methodology	Acceptable LOS	Delay (sec/veh)[2,3]		Level of Service	
				AM	PM	AM	PM
1. Baldwin Avenue at Limonite Avenue	TS	HCM 7	D	36.8	39.3	D	D

[1] TS = Traffic Signal

[2] Deficient operations shown in **Bold**.

[3] HCM Analysis Software: PTV Vistro, Version 2026.

STUDY ROADWAY SEGMENT DAILY LEVEL OF SERVICE ANALYSIS

Table 8 summarizes the study roadway segment LOS analysis results for Existing Conditions. The Existing Conditions daily LOS calculation for the study roadway segments are based upon the existing daily traffic volumes and the LOS capacity as defined by the City's TIA Guidelines. As shown in Table 8, both roadway segments currently operate at an acceptable LOS (LOS D or better) under Existing Conditions.

Table 8 | Roadway Segment LOS Summary – Existing Conditions

Roadway Segment	City of Jurupa Valley General Plan Roadway Classification	Existing Roadway Classification	Existing LOS Capacity[1]	Daily Traffic Volumes	V/C Ratio[2]	Level of Service
1. **Limonite Avenue** West of Baldwin Avenue	Primary Corridor Urban Arterial (4-6)	Urban Arterial (4 lanes)	37,500	23,860	0.636	B
2. **Limonite Avenue** East of Baldwin Avenue	Primary Corridor Urban Arterial (4-6)	Urban Arterial (5 lanes)	46,875	23,077	0.492	A

[1] Source: Table 1: Roadway Segment Capacities, *City of Jurupa Valley Traffic Impact Analysis Guidelines: Methodologies and Requirements for General Plan Compliance Analysis and CEQA VMT Analysis*, dated November 2020.
[2] Deficient operation shown in **Bold.**

Collision Data

Collision data for the City of Jurupa Valley was reviewed at the intersection of Baldwin Avenue at Limonite Avenue. Collision data was obtained from the California Crash Reporting System (CCRS). Collision data was collected for 5 years from January 1, 2021 to December 31, 2025.

Table 9 summarizes the total number of collisions that occurred at the subject intersection over the past five (5) years. Table 9 breaks down the number of collisions per type to accurately depict collision behavior. For the purpose of this assessment, collisions that identified the primary road and secondary road (Baldwin Avenue and Limonite Avenue) in the CCRS were counted as a collision regardless of distance from the center of the intersection. This approach is appropriate due to traffic behavior being affected at the intersection from the proximity to the intersection.

Table 9 | Collision Data[1] – Baldwin Avenue at Limonite Avenue

Type of Collision	2021	2022	2023	2024	2025	Total
Broadside	1	0	1	0	0	2
Rear End	0	1	2	0	0	3
Hit Object	0	0	1	1	0	2
Side Swipe	0	0	0	1	1	2
Total	1	1	4	2	1	**9**

[1] Collision data was collected from California Crash Reporting System (CCRS) website.

CONCLUSIONS

RK Engineering Group, Inc. appreciates this opportunity to work with the RC HOBBESD COMPANT on the TTM 39105 Residential Project.

Because the Project is a single family residential project less than 100 DUs (i.e., 85 DUs), generates less than 100 peak hour trips (i.e., 40 AM peak hour trips and 43 PM peak hour trips), and is not expected to result in any significant adverse impacts on the operations of the roadway network and intersections, the proposed project is not required to prepare a traffic impact analysis and a trip generation memorandum would be considered sufficient.

The Project does not meet any of the screening criteria, and as such, a full VMT model analysis was conducted. The Project's TAZ VMT is 14.5 home-based VMT per capita under the Baseline With Project scenario, which does not exceed the City of Jurupa Valley's VMT threshold of significance of 15.7 VMT per capita. It should be noted that the Project decreases the total home-based VMT in the TAZ by -23.4 home-based VMT between the "no-project" and "with project" scenarios, which results in a net project VMT of -0.2 home-based VMT per capita. The net project generated VMT does not exceed the City of Jurupa Valley's VMT threshold of significance.

Additionally, the Project results in a 0.30% decrease in VMT per capita between the Baseline No-Project and With Project scenarios, and a 0.28% decrease in VMT per capita between the Baseline No-Project and With Project scenarios. As such, the project has a less than significant effect on VMT and a cumulative analysis is not required.

Based on the corner sight distance analysis, both project access driveways are expected to have adequate corner sight distance. Based on the turning template analysis, the internal drive aisles provide adequate clearance and turning radii for waste collection trucks, fire trucks, and delivery trucks.

Based on the results of the Existing level of service analysis, the intersection of Baldwin Avenue at Limonite Avenue & both roadway segments currently operate at an acceptable LOS (LOS D or better) under Existing Conditions.

If you have any questions regarding this review, or need further clarification, please contact us at (949) 474-0809.

Sincerely,

RK ENGINEERING GROUP, INC.







Justin Tucker, P.E., T.E.
Principal

Nhi Ly, T.E.
Engineer IV

Attachments

Appendices

Appendix A

Relevant Excerpts from City of Jurupa Valley Comment Letter, dated July 15, 2025

MAYOR
Brian Berkson

MAYOR PRO TEM
Chris Barajas

COUNCIL MEMBERS
Armando Carmona
Veronica Sanchez
Guillermo Silva

COMMUNITY DEVELOPMENT DEPARTMENT

July 18, 2025

Applicant: RC Hobbs Company
1428 East Chapman Avenue, Orange, CA, 92866
(714) 874-6572

Contact: Shay Muller
1428 East Chapman Avenue, Orange, CA, 92866
(714) 874-6572

SUBJECT: **MA25029 (REPEAL OF THE DE ANZA SPECIFIC PLAN, GPA25003, CZ25002, SDP25038, TPM39161, TTM39105)**
LOCATION: SE CORNER OF BALDWIN AVENUE AND LIMNOITE AVENUE (APN:163-400-042, AND 163-400-045)
PROJECT DESCRIPTION: CONSTRUCTION OF A THREE-STORY 85 TOWNHOME UNITS

Dear RC Hobbs,

The City of Jurupa Valley Community Development Department has distributed and reviewed your application for the proposed development project. This letter constains the Community Development Departments review and all received comments. Should you have any questions contact me.

TABLE 1: INFORMATION OF SUBJECT PROPERTIES

EXISTING GENERAL PLAN LAND USE DESIGNATION	EXISTING SPECIFIC PLANS, POLICY OVERLAYS &/OR AREAS	EXISTING ZONING	PROPOSAL	REQUIRED ENTITLEMENT(S)
Business Park (BP) and Highest Density Residential (HHDR)	Business Park Overlay (BPO), Airport Influence Area Overlay (ALUC), Mission De Anza Specific Plan, Pedley Town Center Overlay	General Residential (R-3) and Scenic Highway Commercial (C-P-S)	Construction of a three-story 85 units townhoe complex with amenities such as picninc areas, tot lot, pickle ball courts, walking	Specific Plan Amendment, General Plan Amendment, Change of Zone, Site Development permit, Tentative Parcel Map (financing Map),

			trail, dog run, and private patios for each unit	and Tentative Tract map

COMMUNITY DEVELOPMENT DEPARTMENT'S COMMENTS

I. **PROJECT**

The applicant has submitted a project for a proposed subdivision for a community consisting of a three stiry 85 unit townhomes with amenities on a 4 acre land. The amenities would consist of a picninc area, pickle ball courts, tot lot, walking trail, dog run, and a private patios for each unit. Parking would consist of 154 covered parking stalls and 41 guest parking stalls. Units provided would be a mixture of 2 to 4 bedroom with 2.5 to 3.5 bathroom units, and a private patio for each unit.

TABLE 2: ENTITLEMENTS	
ENTITLEMENT APPLICATION	**PROJECT**
General Plan Amendment	From Business Park (BP) to Highest Density Residential (HHDR)
Specific Plan Amendment	Remove parcel from the Mission De Anza Specific Plan and the Business Park Overlay
Change of Zone	From Scenic Highway Commercial (C-P-S) to General Residential (R-3)
Site Development Permit	For the construction of 85 units
Tentative Parcel Map	Financing Map
Tentative Tract Map	Subdivision into 85 lots

II. **ENTITLEMENT PROCESS.** The subject site has a number of conflicting designations that apply to the property. There is a General Plan Land Use designation of Business Park (BP) and Highest Density Residential (HHDR), a zoning classification of Scenic Highway Commercial (C-P-S), Mission De Anza Specific plan classification of Light Industrial, located within the Business Park Overaly, and is located within the Riverside Municipal Airport Influence Area, which has a requirement of at least (5)units per acre. The proposed project requires the following approved entitlements:

CHART 1: GENERAL ENTITLEMENT PROCESS

INTEROFFICE MEMORANDUM

TO: REYNALDO AQUINO, SENIOR PLANNER

FROM: KATIE SNYDER, STAFF CIVIL ENGINEER

SUBJECT: MA25029 – 2nd REVIEW RENAISSANCE TOWNHOMES

DATE: JULY 7, 2025

REVIEWED: LAND USE ENTITLEMENT APPLICATION (5 PAGES) PREPARED BY RC HOBBS COMPANY DATED 1/27/2025.

PRELIMINARY TITLE REPORT (23 PAGES) PREPARED BY FIDELITY NATIONAL TITLE BUILDER SERVICES DATED 1/24/2025.

PROJECT DESCRIPTION (1 PAGE) PREPARED BY RC HOBBS DATED 7/17/2024.

ARCHITECTURAL PLANS (20 PAGES) PREPARED BY RC HOBBS DATED 5/21/2025.

PRELIMINARY GRADING PLANS (3 SHEETS) PREPARED BY ROBERT BEERS DATED 5/19/2025.

COMMON OPEN SPACE PLAN (1 PAGE) PREPARED BY RC HOBBS DATED 4/8/2025.

CONCEPTUAL LANDSCAPE PLANS (3 SHEETS) PREPARED BY WILSON DAVIS ASSOCIATES DATED 5/25/2025.

PRELIMINARY HYDROLOGY REPORT FOR FIRESTONE/TRACT 39105 (43 PAGES) PREPARED BY ADKAN ENGINEERS DATED 5/29/2025.

PRELIMINARY WATER QUALITY MANAGEMENT PLAN (173 PAGES) PREPARED BY ADKAN ENGINEERS DATED 11/14/2024.

PRELIMINARY SEWER-WATER PLAN TENTATIVE TRACT MAP NO. 39105 (3 SHEETS) PREPARED BY ROBERT BEERS DATED 5/25/2025.

REF: MA24201

CC: DESIREE FLORES, MANNY GONZALES

***Note:* This Engineering Review is being done for entitlement purposes to assess the feasibility of the proposed development through assessment of PRELIMINARY level plans, studies, and reports. A more detailed engineering review of FINAL plans, studies, and reports will be undertaken during the permitting process and will incorporate all Conditions of Approval.**

***Note:* Provide a Black and White Plans and a response letter shall be submitted at the time of next submittal.**

well during this entitlement review for a review by Nino and Moore. Provide this document for review separately.

38. Provide the 2-year and 5-year storm events within the hydrology report.
39. Indicate the Bio-retention 2 and 3 basins in the exhibits and within the grading and drainage plans for consistency and clarification between documentation/reports.

Preliminary Water Quality Management Plan:

40. The provided geotechnical report indicates that there are two different infiltration borings within the proposed development taken; however, the grading and drainage plans and the proposed landscaping plans are indicating one area for the proposed detention basin/bio-retention basins and does not match. Revise the geotechnical report to match the preliminary construction plans and landscape plan.
41. Also, there should be two borings for the proposed BMP locations for infiltration. This has not been meet per the geotechnical report exhibit within this report. Revise the report and provide the extra infiltration borings.
42. It appears that there are two infiltration borings information in the geotechnical report; however, this is not clearly marked on the exhibit. Revise the exhibit.
43. Provide the Historical Site Conditions for Appendix 4 in this report.
44. Provide the LID infeasibility information for Appendix 5 in this report.
45. Provide the O&M information for Appendix 9 in this report.

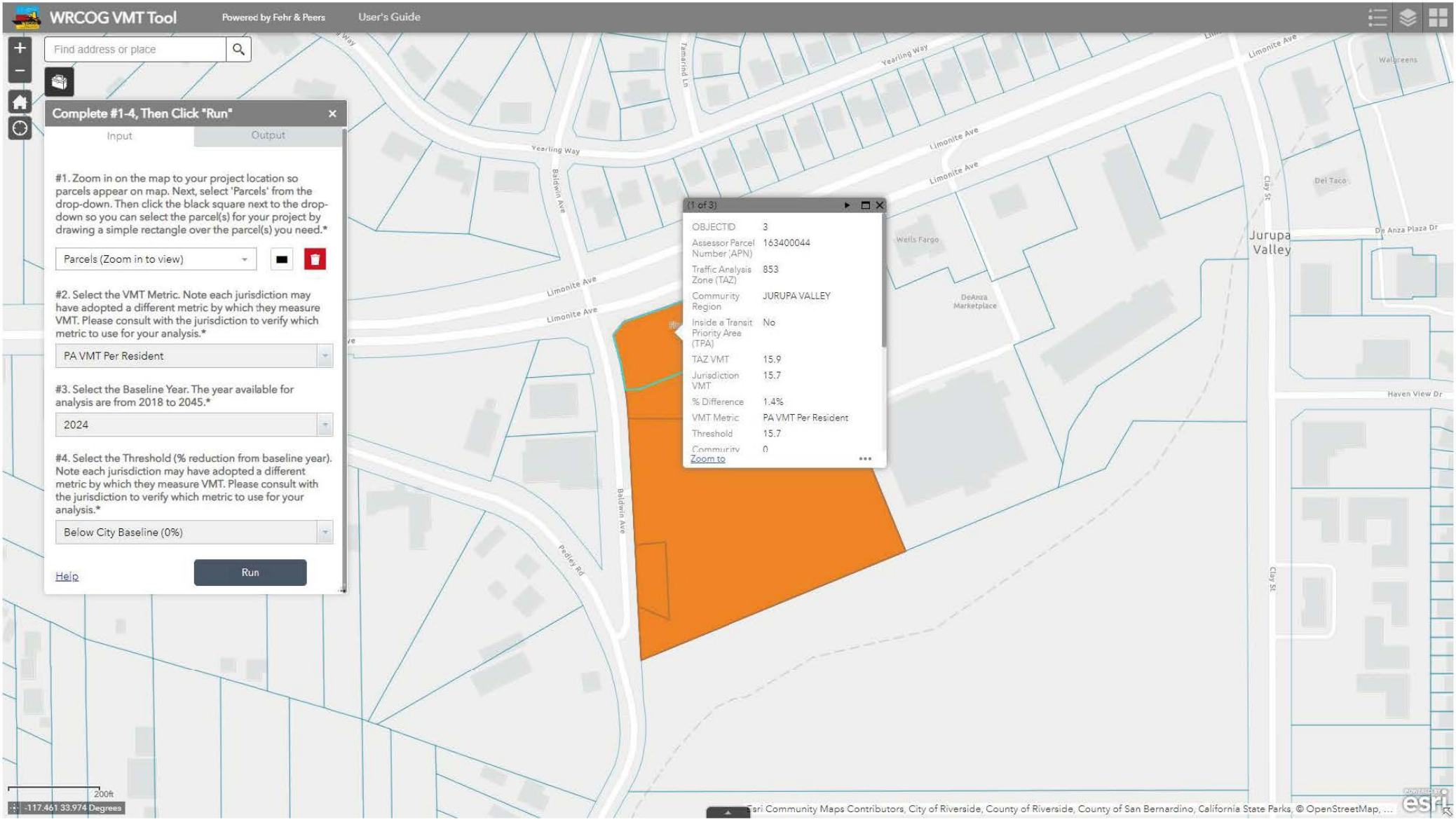
Circulation, Transportation, and Traffic:

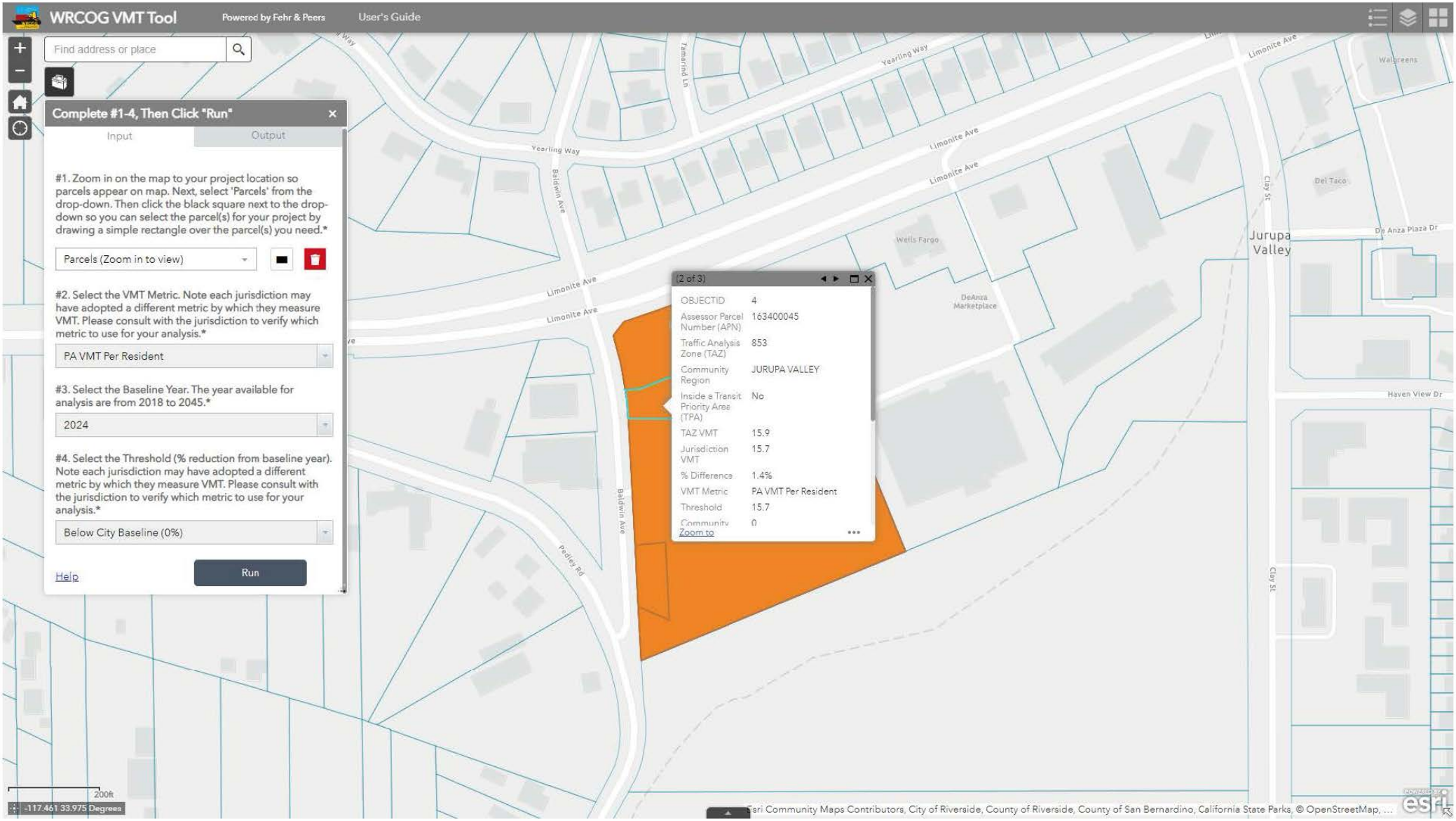
46. Applicant shall submit truck turning templates for waste management, fire, and proposed truck usage. Templates shall demonstrate adequacy of aisle space, curb radii at islands and driveways, so forth. Turning templates shall show on-site circulation as well as circulation onto and from the site (at proposed access point).
47. Project shall provide adequate access for service and emergency vehicles. Provide correspondence/comments from the Fire Department to verify adequacy of site layout.
48. Confirm with the Fire Department if a single or two access points would be required for this development.
49. Show sight lines on plans at driveways/access points to the site.
50. Provide a trip generation and VMT memo; include Exhibit A from the City's latest TIA Guidelines. A Focused Traffic Study may be required.
51. Additional requirements may be triggered by the findings of the study.
52. The south driveway from Baldwin Avenue appears to be connecting to the internal private street of the development and was changed from the pervious review. Indicate how the existing access at this driveway will be incorporating the existing delivery truck traffic and the passenger vehicles traffic for the proposed development. Or clarify if the truck traffic for the existing development will be redirected as there is a proposed screening wall along the west property line as mentioned within the landscaping plan.

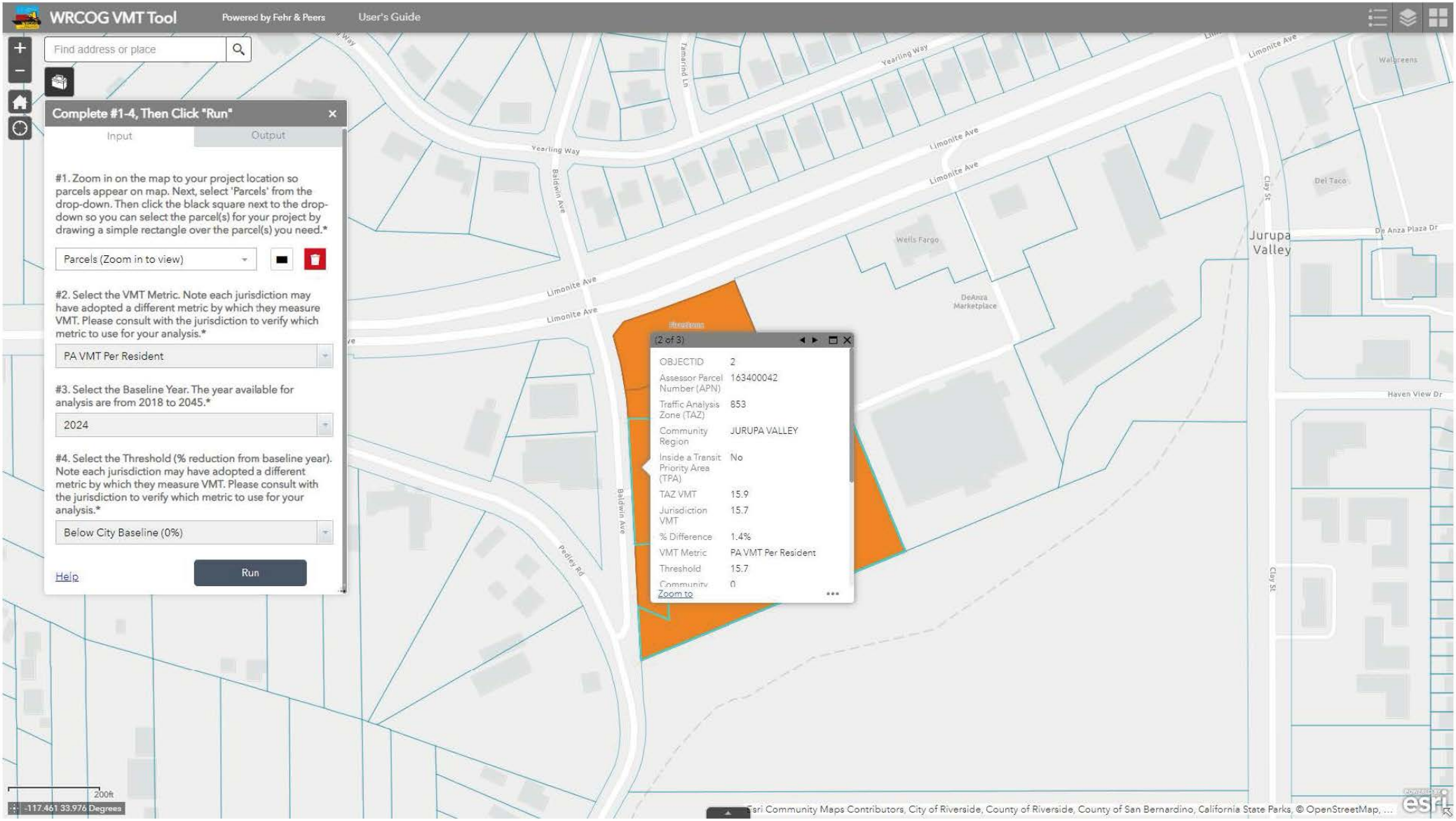
Existing Commercial Property (Firestone Automative Building):

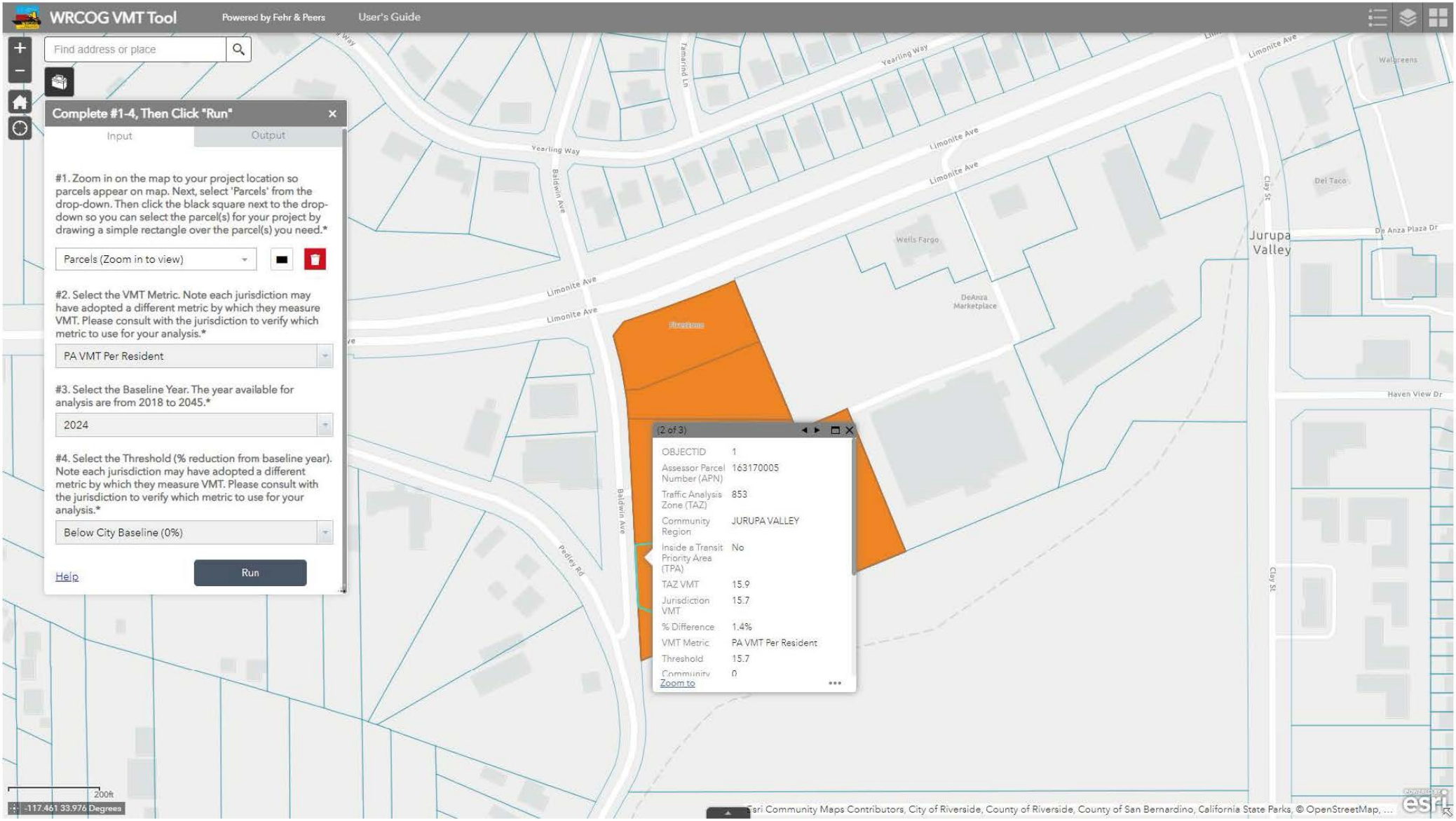
53. There is no indication that this basin within Firestone will have stormwater treatment on the grading plan. Provide clarification to this. Also, provide updated information to the City regarding the access to property and runoff and treatment of stormwater prior to discharge to the street.
54. The proposed north basin on the Firestone property should be removed from the proposed condominium development as any runoff and treatment shall be completed by the commercial

Appendix B
WRCOG VMT Screening Tool Printouts


WRCOG VMT Tool
Powered by Fehr & Peers
User's Guide
Find address or place
Complete #1-4, Then Click "Run"
Input
Output
#1. Zoom in on the map to your project location so parcels appear on map. Next, select 'Parcels' from the drop-down. Then click the black square next to the drop-down so you can select the parcel(s) for your project by drawing a simple rectangle over the parcel(s) you need.*
Parcels (Zoom in to view)
#2. Select the VMT Metric. Note each jurisdiction may have adopted a different metric by which they measure VMT. Please consult with the jurisdiction to verify which metric to use for your analysis.*
PA VMT Per Resident
#3. Select the Baseline Year. The year available for analysis are from 2018 to 2045.*
2024
#4. Select the Threshold (% reduction from baseline year). Note each jurisdiction may have adopted a different metric by which they measure VMT. Please consult with the jurisdiction to verify which metric to use for your analysis.*
Below City Baseline (0%)
Help
Run
(1 of 3)
OBJECTID 3
Assessor Parcel Number (APN) 163400044
Traffic Analysis Zone (TAZ) 853
Community Region JURUPA VALLEY
Inside a Transit Priority Area (TPA) No
TAZ VMT 15.9
Jurisdiction VMT 15.7
% Difference 1.4%
VMT Metric PA VMT Per Resident
Threshold 15.7
Zoom to
Yearling Way
Limonite Ave
Baldwin Ave
Tamarind Ln
Clay St
Jurupa Valley
Del Taco
Wells Fargo
DeAnza Marketplace
Walgreens
De Anza Plaza Dr
Haven View Dr
Pedley Rd
200ft
-117.461 33.974 Degrees
Esri Community Maps Contributors, City of Riverside, County of Riverside, County of San Bernardino, California State Parks, © OpenStreetMap, ...


WRCOG VMT Tool
Powered by Fehr & Peers
User's Guide
Find address or place
Complete #1-4, Then Click "Run"
Input
Output
#1. Zoom in on the map to your project location so parcels appear on map. Next, select 'Parcels' from the drop-down. Then click the black square next to the drop-down so you can select the parcel(s) for your project by drawing a simple rectangle over the parcel(s) you need.*
Parcels (Zoom in to view)
#2. Select the VMT Metric. Note each jurisdiction may have adopted a different metric by which they measure VMT. Please consult with the jurisdiction to verify which metric to use for your analysis.*
PA VMT Per Resident
#3. Select the Baseline Year. The year available for analysis are from 2018 to 2045.*
2024
#4. Select the Threshold (% reduction from baseline year). Note each jurisdiction may have adopted a different metric by which they measure VMT. Please consult with the jurisdiction to verify which metric to use for your analysis.*
Below City Baseline (0%)
Help
Run
(2 of 3)
OBJECTID 4
Assessor Parcel Number (APN) 163400045
Traffic Analysis Zone (TAZ) 853
Community Region JURUPA VALLEY
Inside e Transit Priority Area (TPA) No
TAZ VMT 15.9
Jurisdiction VMT 15.7
% Difference 1.4%
VMT Metric PA VMT Per Resident
Threshold 15.7
Zoom to
Yearling Way
Limonite Ave
Baldwin Ave
Pedley Rd
Tamarind Ln
Clay St
Jurupa Valley
Del Taco
Wells Fargo
DeAnza Marketplace
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De Anza Plaza Dr
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200ft
-117.461 33.975 Degrees
Esri Community Maps Contributors, City of Riverside, County of Riverside, County of San Bernardino, California State Parks, © OpenStreetMap, ...


WRCOG VMT Tool
Powered by Fehr & Peers
User's Guide
Find address or place
Complete #1-4, Then Click "Run"
Input
Output
#1. Zoom in on the map to your project location so parcels appear on map. Next, select 'Parcels' from the drop-down. Then click the black square next to the drop-down so you can select the parcel(s) for your project by drawing a simple rectangle over the parcel(s) you need.*
Parcels (Zoom in to view)
#2. Select the VMT Metric. Note each jurisdiction may have adopted a different metric by which they measure VMT. Please consult with the jurisdiction to verify which metric to use for your analysis.*
PA VMT Per Resident
#3. Select the Baseline Year. The year available for analysis are from 2018 to 2045.*
2024
#4. Select the Threshold (% reduction from baseline year). Note each jurisdiction may have adopted a different metric by which they measure VMT. Please consult with the jurisdiction to verify which metric to use for your analysis.*
Below City Baseline (0%)
Help
Run
(2 of 3)
OBJECTID 2
Assessor Parcel Number (APN) 163400042
Traffic Analysis Zone (TAZ) 853
Community Region JURUPA VALLEY
Inside a Transit Priority Area (TPA) No
TAZ VMT 15.9
Jurisdiction VMT 15.7
% Difference 1.4%
VMT Metric PA VMT Per Resident
Threshold 15.7
Community 0
Zoom to
Yearling Way
Limonite Ave
Baldwin Ave
Pedley Rd
Tamarind Ln
Clay St
Jurupa Valley
Del Taco
Wells Fargo
DeAnza Marketplace
Walgreens
De Anza Plaza Dr
Haven View Dr
200ft
-117.461 33.976 Degrees
Esri Community Maps Contributors, City of Riverside, County of Riverside, County of San Bernardino, California State Parks, © OpenStreetMap, ...


WRCOG VMT Tool
Powered by Fehr & Peers
User's Guide
Find address or place
Complete #1-4, Then Click "Run"
Input
Output
#1. Zoom in on the map to your project location so parcels appear on map. Next, select 'Parcels' from the drop-down. Then click the black square next to the drop-down so you can select the parcel(s) for your project by drawing a simple rectangle over the parcel(s) you need.*
Parcels (Zoom in to view)
#2. Select the VMT Metric. Note each jurisdiction may have adopted a different metric by which they measure VMT. Please consult with the jurisdiction to verify which metric to use for your analysis.*
PA VMT Per Resident
#3. Select the Baseline Year. The year available for analysis are from 2018 to 2045.*
2024
#4. Select the Threshold (% reduction from baseline year). Note each jurisdiction may have adopted a different metric by which they measure VMT. Please consult with the jurisdiction to verify which metric to use for your analysis.*
Below City Baseline (0%)
Help
Run
(2 of 3)
OBJECTID 1
Assessor Parcel Number (APN) 163170005
Traffic Analysis Zone (TAZ) 853
Community Region JURUPA VALLEY
Inside a Transit Priority Area (TPA) No
TAZ VMT 15.9
Jurisdiction VMT 15.7
% Difference 1.4%
VMT Metric PA VMT Per Resident
Threshold 15.7
Community 0
Zoom to
Yearling Way
Limonite Ave
Baldwin Ave
Pedley Rd
Tamarind Ln
Clay St
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DeAnza Marketplace
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De Anza Plaza Dr
Haven View Dr
200ft
-117.461 33.976 Degrees
Esri Community Maps Contributors, City of Riverside, County of Riverside, County of San Bernardino, California State Parks, © OpenStreetMap, ...

Appendix C
VMT Analysis Results

Project VMT Impact Calculations

Analysis Scenario	TAZ	Daily_Home-Based Prod VMT	Daily_HBW Attr VMT	Daily_Total Auto OD From VMT	Daily_Total Auto OD To VMT	Daily_Total Auto OD Intra VMT	Daily_Total Truck OD From VMT	Daily_Total Truck OD To VMT	Daily_Total Truck OD Intra VMT	Daily_Total OD From VMT	Daily_Total OD To VMT	Daily_Total OD Intra VMT	Daily_Total_TripLen	Population	Employment	Enrollment
2018 NP	853	59,627.3	45,422.7	147,037.8	150,248.4	437.9	7,065.3	7,039.0	9.3	154,103.2	157,287.4	447.1	12.9	3,789.0	2,829.0	622.0
2018 WP	853	59,561.3	45,397.3	149,189.6	152,650.2	447.8	7,106.6	7,074.8	9.4	156,296.3	159,725.0	457.3	13.0	4,147.0	2,829.0	622.0
2045 NP	853	70,277.2	54,672.6	161,352.9	164,818.5	397.6	6,951.5	6,914.5	7.5	168,304.4	171,733.0	405.1	12.9	4,300.0	3,246.0	724.0
2045 WP	853	70,253.8	54,684.7	163,243.9	167,094.2	404.2	6,979.5	6,954.4	7.7	170,223.3	174,048.6	411.9	13.0	4,658.0	3,246.0	724.0

Project Effect on VMT Calculations

Link-Level VMT													
Link	2018 NP			2018 WP			Link	2045 NP			2045 WP		
	AM	PM	OP	AM	PM	OP		AM	PM	OP	AM	PM	OP
22370	10,299.6	14,210.5	22,893.2	10,296.1	14,220.9	22,879.3	22370	10,239.6	13,934.7	22,254.9	10,239.6	13,926.8	22,272.9
22372	10,441.2	12,949.3	21,529.8	10,431.8	12,955.5	21,530.6	22372	21,356.7	25,062.0	41,282.0	21,355.6	25,049.2	41,375.6
117402	1,980.9	2,764.3	3,357.8	1,977.1	2,762.2	3,348.7	2798017	1,301.3	1,648.6	2,190.3	1,301.3	1,649.3	2,190.6
117438	1,569.3	2,173.1	2,894.2	1,567.8	2,175.3	2,894.6	117402	1,913.9	2,737.3	3,015.2	1,911.4	2,737.4	3,018.8
2667858	2,351.7	3,375.8	5,245.8	2,345.7	3,378.5	5,241.7	117438	1,761.1	2,381.4	3,742.0	1,763.2	2,383.1	3,740.9
2667864	3,655.3	4,491.7	7,797.3	3,651.7	4,504.1	7,797.6	2667858	6,506.3	8,946.3	14,298.0	6,510.5	8,941.5	14,289.1
2772644	2,136.5	2,677.9	3,661.4	2,138.3	2,680.7	3,668.0	2667864	10,226.0	12,760.3	21,433.5	10,229.1	12,766.2	21,412.2
2772509	478.5	847.0	1,180.3	477.9	846.4	1,180.4	2766560	0.0	0.0	0.0	0.0	0.0	0.0
23073	9,898.7	15,161.5	23,483.3	9,900.0	15,183.2	23,472.2	2794554	755.9	898.1	1,198.3	755.9	898.0	1,196.6
23282	11,273.3	13,118.2	22,166.4	11,263.6	13,122.6	22,177.3	2769356	7,650.0	9,080.5	14,894.2	7,648.9	9,085.5	14,879.3
95743	355.3	384.1	481.9	354.9	379.0	482.8	23073	10,098.3	15,454.6	23,672.8	10,097.0	15,447.9	23,699.4
116499	7,057.9	9,387.8	16,298.8	7,057.9	9,398.6	16,296.3	23282	11,969.1	13,501.2	22,300.5	11,966.3	13,530.1	22,320.7
116866	115.6	19.7	19.0	115.5	19.6	19.0	95743	382.5	482.9	615.4	381.9	481.8	614.7
116869	115.7	130.1	242.5	115.5	131.4	243.2	116499	7,158.2	9,611.2	16,690.2	7,154.8	9,613.0	16,692.3
116870	594.5	734.9	977.5	593.0	737.0	979.5	116866	577.8	413.1	198.1	570.8	406.8	165.7
117112	312.7	398.1	452.0	313.5	401.4	457.8	116869	207.5	242.3	303.4	207.8	242.2	303.4
117359	565.7	806.9	1,002.2	567.6	810.8	997.5	116870	792.5	939.0	687.2	791.6	940.0	662.3
132065	1,331.1	1,764.4	2,421.0	1,329.0	1,773.9	2,443.2	117112	338.4	418.5	556.6	338.2	419.3	560.5
146185	369.2	445.3	565.7	369.3	445.5	566.4	117359	765.5	973.3	1,303.2	766.4	972.3	1,305.6
146620	240.9	491.9	28.0	232.6	476.2	16.9	132065	1,025.9	1,246.9	2,149.7	1,014.6	1,248.5	2,148.0
2660999	848.0	1,126.8	985.0	849.4	1,130.6	985.7	146185	661.4	778.7	377.6	659.5	780.4	399.3
2667099	4,590.6	4,963.0	9,011.0	4,591.3	4,960.2	9,008.9	146620	1,585.0	1,763.5	236.8	1,585.0	1,767.1	235.5
2667883	2,429.3	2,869.9	4,995.5	2,425.1	2,877.0	5,000.7	2660999	1,072.7	1,478.6	1,643.4	1,072.9	1,477.4	1,650.7
2667884	2,180.1	3,281.7	5,135.1	2,175.5	3,286.8	5,131.5	2667099	5,317.0	5,419.4	9,679.4	5,316.8	5,421.8	9,707.7
2697376	426.0	481.4	835.6	423.3	483.4	836.2	2667865	9,719.6	13,364.6	21,359.3	9,725.9	13,357.4	21,346.1
2727845	0.0	0.0	0.0	0.0	0.0	0.0	2667884	9,826.0	14,771.7	22,805.7	9,839.2	14,772.0	22,815.1
2779641	1,584.6	2,033.3	3,051.0	1,586.5	2,033.7	3,050.7	2697376	1,539.1	1,473.9	2,162.0	1,540.8	1,473.1	2,161.2
2773308	0.0	0.0	0.0	0.0	0.0	0.0	2727845	0.0	0.0	0.0	0.0	0.0	0.0
2773271	6,415.6	8,666.8	14,286.7	6,420.6	8,677.8	14,288.3	2753260	141.9	273.9	284.6	144.4	272.8	284.8
2772542	1,759.4	2,525.5	3,924.5	1,754.8	2,527.5	3,921.4	2753267	5,105.1	7,292.2	12,183.3	5,103.7	7,288.6	12,193.5
2753260	69.6	120.8	173.2	69.9	120.8	172.9	2753268	774.2	1,291.8	1,621.8	773.2	1,293.6	1,626.5
2753267	5,176.0	7,316.8	12,044.4	5,176.3	7,321.9	12,027.1	2760696	148.3	145.8	62.9	148.4	146.5	62.4
2753268	640.4	1,098.7	1,481.3	639.3	1,096.5	1,487.2	2760700	0.0	0.0	0.0	0.0	0.0	0.0
2760696	129.7	110.1	46.9	129.6	115.7	46.5	2769343	1,703.7	1,918.3	3,318.1	1,703.7	1,916.2	3,310.3
2760700	0.0	0.0	0.0	0.0	0.0	0.0	2771745	10,651.3	12,361.7	23,497.3	10,655.0	12,308.8	23,559.5
2824997	1,353.0	1,513.9	1,640.8	1,355.0	1,527.7	1,634.4	2795663	6,492.8	8,607.5	14,172.4	6,488.9	8,605.7	14,212.6
2824998	1,094.4	1,410.9	1,980.5	1,096.7	1,414.5	1,983.0	2795652	1,708.9	1,848.1	1,404.0	1,711.9	1,839.9	1,403.5
26190	3,722.0	4,425.5	8,024.8	3,721.9	4,426.0	8,025.5	2795653	989.6	1,250.8	1,836.8	987.7	1,252.6	1,840.3
116391	646.0	773.8	974.6	646.2	772.3	979.8	2795681	1,833.3	2,373.5	3,699.5	1,833.3	2,373.9	3,704.8
116611	684.4	913.0	1,297.9	684.7	913.6	1,301.5	26190	7,931.0	8,835.1	15,824.4	7,934.2	8,831.3	15,840.7
131081	2,952.8	3,416.6	4,205.8	2,950.6	3,399.5	4,210.7	116391	1,977.0	2,396.2	2,184.8	1,978.5	2,396.5	2,201.6
146536	999.1	1,202.6	1,304.2	998.0	1,218.6	1,300.8	116611	1,001.7	1,111.7	1,753.8	1,001.2	1,111.2	1,749.2
146538	277.6	360.4	525.1	277.7	359.1	525.2	131081	2,311.3	2,687.6	2,720.8	2,309.6	2,688.8	2,666.3
146539	2,813.7	3,648.6	5,514.1	2,816.0	3,663.3	5,516.3	146536	1,871.2	2,222.2	1,519.5	1,872.4	2,221.3	1,530.0
2676155	641.4	799.5	865.3	642.7	808.2	866.6	146538	267.8	368.1	495.9	267.8	367.7	493.5
2773288	0.0	0.0	0.0	0.0	0.0	0.0	146539	4,667.0	5,742.8	8,011.2	4,668.2	5,738.1	8,023.0
2773265	16.2	22.5	52.6	16.2	22.5	52.8	2676155	1,259.5	1,722.4	1,810.3	1,260.9	1,733.3	1,788.6
2781939	268.3	338.5	440.1	268.4	337.3	440.1	2769351	5,085.9	6,036.9	9,902.0	5,085.1	6,040.2	9,892.1
2824999	113.8	137.2	275.7	113.7	137.8	273.7	2795654	354.7	258.6	531.9	346.2	260.2	531.4
2661007	13,039.5	16,485.4	27,625.2	13,037.9	16,480.9	27,605.1	2795656	0.0	0.0	0.0	0.0	0.0	0.0
2782418	2.6	2.7	2.8	2.6	2.7	2.8	2795672	87.2	85.7	37.0	87.2	86.1	36.7
2661009	7,494.5	9,475.1	15,877.7	7,493.6	9,472.5	15,866.1	2661007	17,639.3	21,461.2	33,379.5	17,644.4	21,452.3	33,384.0
2772781	7,471.8	9,446.3	15,829.5	7,470.9	9,443.8	15,818.0	2769354	10,367.6	12,306.3	20,185.3	10,366.1	12,313.1	20,165.1
2772779	7,494.5	9,475.1	15,877.7	7,493.6	9,472.5	15,866.2	2795683	4.2	4.8	5.6	4.2	4.8	5.6
2782420	0.4	0.4	0.4	0.4	0.4	0.4	2769353	6,921.3	8,215.5	13,475.3	6,920.2	8,220.0	13,461.9
22563	10,808.0	12,813.8	23,121.3	10,804.9	12,813.3	23,119.2	2771867	8,389.1	10,206.7	15,874.9	8,391.5	10,202.5	15,877.1
116721	2,344.4	2,934.8	4,401.3	2,342.9	2,936.7	4,405.3	2769360	1,041.5	1,236.2	2,027.7	1,041.3	1,236.9	2,025.6
2673467	102.9	166.1	404.9	102.5	166.5	405.5	2769358	534.3	634.2	1,040.3	534.2	634.6	1,039.2
2673470	608.4	696.6	489.2	610.2	696.6	488.0	2661009	1,643.9	2,000.0	3,110.7	1,644.3	1,999.2	3,111.1
2779548	217.0	365.3	435.7	217.1	364.9	433.8	2795685	1.2	1.4	1.7	1.2	1.4	1.7
94380	216.8	365.0	435.4	217.0	364.6	433.5	2795684	0.0	0.0	0.0	0.0	0.0	0.0
95772	265.7	328.0	631.9	266.7	328.7	633.2	94380	664.1	932.4	1,071.9	664.3	932.8	1,067.1
117271	1,385.6	1,708.9	2,476.6	1,385.9	1,711.4	2,468.5	116721	2,517.7	3,322.6	5,211.3	2,520.5	3,321.3	5,199.8
2669319	513.2	864.1	1,030.7	513.6	863.1	1,026.2	2661005	2,223.2	2,487.9	1,787.7	2,221.5	2,492.6	1,799.6
2752684	96.8	119.5	230.2	97.2	119.8	230.7	2673467	193.1	62.1	72.0	193.4	64.0	72.7
2773315	96.8	119.5	230.2	97.2	119.8	230.7	2673470	553.3	806.3	115.1	549.6	807.3	114.9
2673471	153.6	142.7	9.2	154.4	142.0	9.2	2769350	7,904.9	9,383.1	15,390.5	7,903.8	9,388.3	15,375.2
2673475	236.9	265.6	368.6	236.8	265.2	369.7	2768384	6,328.0	7,314.1	12,545.8	6,329.8	7,308.7	12,563.0
2772898	426.7	536.8	687.3	426.8	536.6	689.7	2768380	646.0	627.8	1,316.8	646.5	628.3	1,316.6
2772896	86.6	127.4	171.6	86.6	127.9	171.2	2768377	799.0	1,121.9	1,289.7	799.2	1,122.4	1,283.9
2673474	438.9	528.5	715.2	438.9	527.7	718.9	2768391	1,105.1	1,261.1	2,191.1	1,105.0	1,260.8	2,184.5
2673469	45.1	50.3	70.1	45.1	50.3	70.3	2768378	212.9	176.4	387.0	213.1	176.9	386.8
2773254	2.2	2.8	3.5	2.2	2.8	3.5	2768379	440.9	458.3	944.7	441.3	458.4	944.8
2773258	61.5	57.1	3.7	61.8	56.8	3.7	2768392	1,100.8	1,256.2	2,182.5	1,100.6	1,255.8	2,175.9
116720	86.6	127.4	171.6	86.6	127.9	171.2	2768385	4,193.7	4,671.7	8,367.4	4,195.3	4,669.7	8,376.0
2673472	1,549.8	1,974.7	2,984.5	1,549.4	1,975.2	2,987.4	116720	385.8	558.6	101.9	383.3	559.3	101.6
2673473	179.8	290.3	707.4	179.0	290.9	708.4	2673471	8.9	10.8				
2660916	1,895.1	2,253.3	4,085.9	1,895.1	2,253.6	4,086.2	2673474	902.0	1,159.5				

Project Effect on VMT Calculations

Link-Level VMT													
Link	2018 NP			2018 WP			Link	2045 NP			2045 WP		
	AM	PM	OP	AM	PM	OP		AM	PM	OP	AM	PM	OP
2697167	1,872.2	1,891.3	2,021.7	1,873.0	1,887.8	2,022.0	2673475	493.4	286.8	336.6	493.8	290.0	337.8
2660913	1,425.5	1,801.1	2,785.7	1,427.2	1,805.3	2,791.8	2673469	69.0	72.5	85.6	69.0	72.5	85.6
2660917	14,045.0	16,700.0	30,282.0	14,044.9	16,701.9	30,284.5	2795686	527.8	676.4	448.5	527.1	676.8	451.7
2781940	0.0	0.0	0.0	0.0	0.0	0.0	2673472	1,972.8	2,336.4	3,417.1	1,974.2	2,334.6	3,408.2
2773292	3,416.2	4,128.1	5,206.6	3,417.6	4,118.3	5,215.1	2673473	647.6	654.2	987.0	647.8	656.5	985.6
2773313	3,723.0	4,426.7	8,027.0	3,723.0	4,427.2	8,027.7	2660916	2,032.3	2,428.6	4,408.1	2,031.8	2,430.5	4,416.2
2660914	715.9	904.3	1,370.0	716.8	907.0	1,373.8	2697167	1,047.9	1,200.0	831.9	1,045.3	1,195.6	831.4
116707	442.3	553.9	750.2	443.2	554.9	751.4	2769348	10,634.5	11,973.7	20,711.6	10,634.3	11,960.9	20,662.9
131070	111.9	113.1	120.9	112.0	112.9	120.9	2660914	1,284.2	1,469.6	2,039.4	1,284.6	1,469.5	2,052.6
116740	190.4	215.5	233.6	190.5	217.6	232.2	2795659	2,081.9	2,543.2	2,982.2	2,080.5	2,543.2	2,945.9
2669322	415.7	523.8	838.3	416.7	519.3	840.8	2771335	7,744.6	9,162.8	16,655.9	7,744.5	9,169.3	16,689.6
2669326	5,158.4	5,576.9	10,125.5	5,159.1	5,573.7	10,123.2	2771337	608.6	566.1	517.1	610.2	565.8	516.1
2667101	8,834.3	10,312.1	18,723.7	8,833.8	10,318.9	18,726.4	2660917	3,361.0	3,874.4	6,702.8	3,362.1	3,876.6	6,715.1
2676868	11.2	81.0	138.1	11.4	79.0	137.7	2660913	1,011.4	1,203.5	1,923.5	1,009.6	1,200.5	1,930.6
2669323	14.2	102.6	175.0	14.4	100.1	174.4	2771338	485.5	624.3	1,121.5	484.5	625.1	1,122.0
2669327	767.8	548.3	995.3	768.5	543.3	992.4	2771332	2,965.7	3,544.0	6,432.8	2,965.0	3,546.8	6,444.6
2669328	671.9	544.8	970.5	673.0	542.0	969.3	2795658	915.9	1,039.4	1,421.9	916.2	1,039.4	1,431.2
2676867	697.7	498.3	904.4	698.3	493.7	901.9	116707	500.2	514.9	854.0	499.4	515.1	858.5
2773234	5,161.6	5,580.3	10,131.8	5,162.3	5,577.2	10,129.5	131070	156.8	179.5	124.5	156.4	178.9	124.4
2773236	399.4	498.0	763.9	400.0	493.6	767.5	116740	268.1	262.3	186.6	267.1	261.4	186.5
116785	717.1	801.1	851.2	718.1	809.0	846.8	2669322	871.3	1,229.8	1,507.3	870.6	1,236.2	1,494.6
2773232	197.6	222.5	247.8	197.9	224.6	246.7	2669326	11,952.9	12,183.2	21,759.8	11,952.4	12,188.6	21,823.5
116789	194.1	219.7	238.2	194.2	221.8	236.7	2769345	5,824.1	6,557.5	11,342.9	5,824.0	6,550.5	11,316.2
2673429	68.2	77.2	83.7	68.3	78.0	83.2	2667101	9,464.6	10,498.4	19,741.0	9,462.5	10,509.9	19,775.6
116594	1,906.1	2,445.8	3,687.8	1,908.5	2,447.0	3,687.7	2676868	15.3	303.8	310.5	15.3	302.9	311.7
131083	2,614.1	3,390.1	5,107.1	2,616.1	3,401.5	5,109.1	2769346	5,944.0	6,692.5	11,576.3	5,943.8	6,685.3	11,549.1
2697175	620.3	743.0	935.8	620.5	741.6	940.9	2669323	19.4	385.0	393.5	19.4	383.9	395.0
2773248	257.8	326.2	477.2	257.9	325.6	477.3	2669327	1,173.2	880.7	1,206.6	1,173.9	878.6	1,218.7
2773244	646.0	773.8	974.6	646.2	772.3	979.8	2669328	1,156.1	1,480.3	1,806.0	1,156.5	1,481.1	1,804.5
2760703	0.0	0.0	0.0	0.0	0.0	0.0	2676867	1,066.2	800.4	1,096.5	1,066.7	798.4	1,107.5
131082	129.6	158.2	164.8	129.4	158.9	164.0	2769342	580.8	653.9	1,131.1	580.8	653.2	1,128.4
131084	86.2	99.5	121.0	86.3	103.6	121.4	2795650	872.2	1,217.8	1,429.3	871.3	1,224.2	1,415.8
2773250	502.8	586.5	751.8	503.4	584.4	755.8	2798130	1,574.3	1,802.8	1,249.8	1,570.3	1,796.1	1,249.1
116593	514.3	675.1	1,036.0	514.7	674.8	1,036.2	116785	1,053.4	1,058.4	835.6	1,049.6	1,054.8	835.2
116599	477.3	578.5	792.3	477.7	577.0	794.3	116789	660.1	663.2	523.6	657.7	660.9	523.3
2779643	1,904.9	2,444.5	3,686.1	1,907.2	2,445.7	3,686.0	116594	2,251.2	2,912.1	4,600.8	2,251.2	2,912.2	4,608.8
146186	140.4	180.0	253.9	140.4	179.4	253.6	131083	4,137.2	5,117.7	7,127.0	4,138.1	5,113.5	7,135.3
146191	1,584.6	2,033.4	3,051.2	1,586.4	2,033.8	3,050.9	2697175	1,545.0	1,858.3	1,700.6	1,543.8	1,858.6	1,716.8
116563	2,434.7	3,277.0	4,611.7	2,436.1	3,279.2	4,623.9	2795682	291.0	369.2	582.6	290.0	369.3	582.2
116564	1,169.9	1,527.2	1,850.6	1,169.0	1,532.1	1,853.8	2760703	0.0	0.0	0.0	0.0	0.0	0.0
146187	0.0	0.0	0.0	0.0	0.0	0.0	131082	257.1	213.2	205.6	257.6	214.4	206.6
146190	185.3	225.1	273.7	185.3	224.9	273.9	131084	133.7	337.5	114.7	133.0	334.9	116.2
2673433	589.4	708.5	830.8	588.5	717.0	828.0	116593	815.7	895.3	1,481.5	816.4	896.1	1,482.4
2673434	0.0	0.0	0.0	0.0	0.0	0.0	116599	637.6	783.0	921.8	636.6	783.2	925.6
2673436	0.0	0.0	0.0	0.0	0.0	0.0	2795680	2,764.2	3,576.1	5,650.4	2,764.3	3,576.3	5,660.2
2727843	0.0	0.0	0.0	0.0	0.0	0.0	146186	157.1	205.6	258.7	157.0	206.1	257.6
2760694	569.7	723.9	1,035.4	569.7	720.8	1,036.6	146191	2,290.6	2,965.6	4,622.6	2,290.5	2,966.1	4,629.1
116590	125.5	106.6	250.3	124.7	107.1	251.8	116564	923.1	1,205.2	1,371.0	925.0	1,206.3	1,368.5
2773294	112.6	87.4	68.4	112.2	86.9	68.4	2795657	2,769.7	3,036.4	4,870.8	2,768.9	3,036.4	4,859.9
2760693	1,377.3	1,691.8	2,018.3	1,375.3	1,710.3	2,012.1	146187	0.0	0.0	0.0	0.0	0.0	0.0
2773336	684.4	913.0	1,297.9	684.7	913.6	1,301.5	146190	359.7	393.0	223.2	358.0	394.3	233.5
2697177	62.9	75.8	82.2	62.9	76.8	81.9	2673433	960.9	1,185.1	1,255.5	963.3	1,184.3	1,263.6
116589	556.0	663.7	778.2	555.1	670.4	775.9	2673434	0.0	0.0	0.0	0.0	0.0	0.0
2697179	36.7	28.4	22.3	36.5	28.3	22.3	2673436	0.0	0.0	0.0	0.0	0.0	0.0
2773290	36.6	28.4	22.3	36.5	28.3	22.3	2727843	0.0	0.0	0.0	0.0	0.0	0.0
116562	671.6	807.3	946.7	670.6	817.0	943.5	2760694	558.0	687.1	1,031.7	557.9	686.7	1,031.7
2673428	2.4	2.4	0.4	2.4	2.4	0.4	2771263	1,388.9	1,699.9	1,216.4	1,384.2	1,701.9	1,194.3
2673431	3,040.8	3,907.6	5,572.7	3,043.2	3,916.2	5,578.0	116590	131.9	121.8	67.3	131.1	119.5	66.8
2673432	579.6	720.7	773.4	580.6	728.4	774.6	2760693	2,555.2	3,050.3	2,421.9	2,556.7	3,050.0	2,426.0
2825000	59.4	61.8	130.8	59.1	61.8	130.8	2795660	401.5	458.2	471.2	401.6	457.1	468.8
2676348	4.0	4.0	0.6	4.0	4.0	0.6	116563	687.9	768.0	1,234.8	687.7	768.0	1,231.6
2773267	2.4	2.4	0.4	2.4	2.4	0.4	2697177	117.9	140.0	95.7	118.0	139.9	96.4
131071	1,357.4	1,773.2	2,634.8	1,358.5	1,779.9	2,638.4	116589	1,116.7	1,324.0	1,090.7	1,117.3	1,323.4	1,091.4
2773338	2,366.4	3,212.6	4,427.7	2,367.9	3,213.7	4,435.1	2697179	326.4	372.4	383.0	326.5	371.6	381.1
2773334	560.2	637.4	753.3	560.9	646.7	758.1	116562	1,094.9	1,350.4	1,430.7	1,097.7	1,349.5	1,439.8
2660993	786.0	1,026.8	1,525.7	786.6	1,030.7	1,527.8	2673428	0.1	0.1	0.1	0.1	0.1	0.1
2697181	285.4	368.6	515.8	286.0	369.6	516.5	2673431	3,049.1	4,033.9	5,879.2	3,052.1	4,038.3	5,890.6
2773305	64.5	77.8	98.8	64.5	77.8	99.0	2771262	1,332.6	1,864.3	1,952.7	1,334.1	1,875.9	1,928.2
2773286	84.2	71.5	30.4	84.1	75.1	30.2	2795655	298.0	156.7	225.3	287.4	158.2	225.1
2760697	0.0	0.0	0.0	0.0	0.0	0.0	2673432	913.6	1,249.4	1,313.1	914.6	1,257.3	1,297.4
2760698	0.0	0.0	0.0	0.0	0.0	0.0	2676348	0.0	0.1	0.1	0.0	0.1	0.1
2697183	200.1	243.0	295.4	200.0	242.7	295.6	131071	1,460.7	1,648.0	2,421.5	1,461.2	1,646.8	2,430.7
2697185	70.9	86.1	104.7	70.9	86.0	104.8	2660993	811.0	915.0	1,344.5	811.3	914.4	1,349.6
2697187	0.0	0.0	0.0	0.0	0.0	0.0	2697181	407.2	538.7	785.0	407.6	539.2	786.5
2773284	0.0	0.0	0.0	0.0	0.0	0.0	2697185	231.2	272.3	132.0	230.6	272.8	139.6
2697189	0.0	0.0	0.0	0.0	0.0	0.0	2760697	0.0	0.0	0.0	0.0	0.0	0.0
2673435	1,463.5	1,924.1	2,196.7	1,462.0	1,931.2	2,200.9	2760698	0.0	0.0				
2773303	165.9	211.3	308.3	166.0	211.6	308.6	2795671	0.0	0.0				

RK ENGINEERING GROUP INC.

Project Effect on VMT Calculations

Link-Level VMT													
Link	2018 NP			2018 WP			Link	2045 NP			2045 WP		
	AM	PM	OP	AM	PM	OP		AM	PM	OP	AM	PM	OP
2773310	783.9	1,023.2	1,167.6	783.3	1,026.3	1,169.5	2697183	388.4	424.3	241.0	386.5	425.7	252.1
2773301	144.6	182.1	230.1	144.4	181.7	230.0	2697187	0.0	0.0	0.0	0.0	0.0	0.0
146192	774.1	1,013.3	1,169.0	773.3	1,016.5	1,170.9	2697189	0.0	0.0	0.0	0.0	0.0	0.0
2660995	123.0	160.5	183.2	122.9	161.0	183.5	2673435	996.7	1,315.1	1,186.9	997.9	1,317.5	1,181.9
2660996	70.8	89.1	78.0	70.9	89.4	78.0	2795661	157.2	200.8	326.4	157.8	200.6	326.7
2773273	123.1	160.6	183.3	123.0	161.1	183.6	146192	843.2	1,062.0	1,095.1	844.1	1,063.7	1,090.0
22867	11,390.3	14,264.0	24,888.6	11,372.1	14,279.0	24,884.5	2771265	549.0	671.9	480.8	547.1	672.7	472.1
116405	1,546.3	2,123.8	3,784.9	1,548.0	2,125.8	3,782.9	2795662	193.5	195.4	338.2	193.6	195.5	336.2
116513	1,414.9	1,538.5	1,833.7	1,408.1	1,540.7	1,879.1	2771264	563.7	701.7	633.9	563.2	702.7	628.2
2667332	5,944.0	8,725.3	14,237.2	5,945.7	8,728.7	14,208.7	2660995	319.8	395.5	357.8	319.5	396.0	354.7
2667895	3,115.8	4,798.1	6,806.6	3,120.3	4,803.6	6,866.2	2660996	111.5	135.4	138.0	111.2	135.0	137.0
2667896	864.4	1,040.7	1,421.2	864.9	1,037.7	1,424.3	22867	13,941.9	17,279.4	31,024.0	13,942.8	17,280.7	31,053.3
2697203	53.7	59.3	103.3	53.7	60.7	103.3	116405	1,598.6	2,159.4	3,941.0	1,596.6	2,161.7	3,946.1
25727	5,298.7	6,178.0	11,412.6	5,298.8	6,177.6	11,417.9	116513	2,257.8	3,060.2	1,659.3	2,259.4	3,058.7	1,659.9
82747	4,852.0	7,517.7	11,779.9	4,842.7	7,525.1	11,791.7	2667332	7,093.0	10,433.6	17,251.4	7,092.4	10,433.5	17,272.1
116773	7,296.2	9,559.3	15,277.3	7,302.2	9,577.2	15,257.5	2667896	876.6	1,091.5	1,748.5	876.8	1,090.0	1,769.6
22337	10,580.6	15,794.9	25,692.1	10,586.7	15,792.6	25,655.6	2697203	389.9	389.9	405.6	389.1	392.4	400.9
22369	8,634.3	10,671.8	17,275.8	8,614.2	10,697.5	17,288.0	2771713	720.8	1,091.3	1,604.2	722.1	1,089.3	1,606.2
22476	1,073.9	693.3	1,256.7	1,070.1	690.0	1,245.1	2772933	23,849.0	28,488.8	53,703.6	23,872.9	28,465.4	53,660.5
22572	1,953.2	2,191.7	5,940.4	1,954.7	2,185.1	5,921.6	25727	4,944.7	5,411.7	9,405.6	4,942.8	5,418.6	9,418.4
22696	7,704.9	8,109.5	14,491.8	7,708.4	8,110.3	14,513.0	82747	1,351.2	655.2	1,134.6	1,351.7	667.2	1,134.4
22746	1,083.4	2,102.5	3,415.5	1,083.7	2,118.1	3,397.9	116773	7,855.8	9,802.2	14,435.6	7,853.6	9,807.7	14,455.3
67061	1,555.1	2,134.5	4,107.4	1,554.8	2,129.4	4,087.8	22337	11,623.4	16,859.7	27,460.1	11,615.6	16,860.9	27,470.0
99828	657.6	757.6	1,017.5	657.7	760.7	1,015.1	22369	9,393.7	11,051.6	20,225.4	9,394.1	11,048.1	20,223.5
116786	794.8	1,019.6	1,112.4	793.2	1,026.8	1,143.8	22476	763.2	198.0	1,272.8	768.6	198.1	1,319.6
2667902	2,591.3	3,119.9	4,260.5	2,592.9	3,110.8	4,270.1	22572	2,226.6	3,826.1	6,236.6	2,222.1	3,838.5	6,273.9
2752681	314.7	800.9	709.8	316.4	795.2	711.4	22696	8,469.5	8,542.8	15,190.0	8,468.6	8,541.9	15,187.8
22475	9,353.7	10,349.4	18,791.7	9,357.0	10,345.0	18,793.1	22746	3,142.7	5,846.7	9,299.4	3,146.2	5,844.9	9,297.1
117008	610.0	795.6	916.6	608.6	800.8	939.4	67061	1,051.6	1,706.6	2,576.8	1,046.4	1,703.6	2,582.7
22695	5,513.3	5,869.1	11,475.2	5,516.1	5,866.3	11,478.6	99828	947.0	1,010.1	882.2	948.3	1,009.6	882.8
2752680	337.6	655.2	1,064.4	337.7	660.1	1,058.9	116786	1,355.9	1,855.2	1,270.6	1,356.9	1,849.3	1,271.3
22573	54.4	138.4	122.6	54.7	137.4	122.9	2667895	2,640.8	3,997.8	5,877.0	2,645.4	3,990.5	5,884.4
22368	368.7	486.2	1,081.5	369.3	484.2	1,078.7	2752681	0.0	690.7	0.0	0.0	682.1	0.0
23165	2,016.8	2,892.6	4,721.9	2,017.4	2,891.8	4,713.9	2770548	5,358.9	5,699.1	9,542.0	5,361.2	5,702.9	9,560.0
2773228	604.5	693.9	899.6	604.7	697.0	897.3	2771712	1,887.1	2,349.9	3,764.2	1,887.6	2,346.4	3,809.5
22842	17,345.6	26,003.4	41,211.6	17,349.6	25,993.5	41,129.2	2772918	0.0	0.0	0.0	0.0	0.0	0.0
22919	17,928.0	21,917.1	37,503.2	17,894.7	21,952.3	37,525.5	2772920	0.0	0.1	0.0	0.0	0.0	0.0
94450	549.7	1,051.0	1,490.9	544.3	1,071.0	1,491.2	2772924	2,794.9	2,996.1	6,100.3	2,796.0	2,993.7	6,082.4
94485	990.4	478.6	1,531.4	992.5	478.2	1,532.8	2772927	225.7	393.9	876.7	225.6	393.7	877.5
2667892	3,605.4	5,551.9	7,876.0	3,610.5	5,558.4	7,945.0	2772928	91.1	159.1	354.0	91.1	159.0	354.3
2667893	4,069.0	4,899.0	6,690.1	4,071.5	4,884.8	6,705.1	2772929	916.0	562.9	1,753.2	918.6	563.5	1,750.2
2773238	1,594.4	1,983.3	2,991.0	1,594.1	1,987.2	2,998.1	2772930	901.4	67.4	877.6	905.3	68.7	871.7
122568	2,340.2	2,816.0	3,350.7	2,341.4	2,814.2	3,341.1	22475	9,615.2	10,353.0	17,944.9	9,609.0	10,349.1	17,948.7
132047	594.6	637.5	1,234.2	596.0	639.4	1,232.5	117008	997.7	1,358.3	977.2	998.2	1,354.0	977.3
132048	674.9	1,054.2	1,746.7	675.0	1,056.3	1,747.7	2770547	5,402.6	5,745.6	9,619.8	5,404.9	5,749.4	9,637.9
132049	372.4	595.3	1,217.3	372.9	593.0	1,210.2	2772922	0.0	0.0	0.0	0.0	0.0	0.0
2668980	556.9	634.5	1,447.1	557.4	641.5	1,444.2	2772931	4,606.3	6,807.7	11,862.4	4,607.0	6,800.3	11,859.5
2773263	1,332.1	1,414.7	1,574.3	1,325.5	1,418.3	1,617.4	22695	6,099.2	6,922.7	12,032.9	6,096.5	6,928.1	12,049.7
2773230	1,445.1	1,920.9	3,388.2	1,446.9	1,925.3	3,387.3	2770549	3,184.4	3,386.6	5,670.2	3,185.8	3,388.9	5,680.9
94460	296.1	337.4	769.5	296.4	341.1	767.9	2667902	740.8	922.5	1,477.7	741.0	921.1	1,495.5
2766069	1,907.1	2,388.3	4,167.2	1,904.1	2,390.8	4,166.5	2752680	979.4	1,822.1	2,898.0	980.5	1,821.5	2,897.3
99759	443.2	609.2	1,141.5	443.8	610.6	1,138.9	2772919	0.0	0.1	0.0	0.0	0.0	0.0
99760	1,088.3	1,430.8	2,786.7	1,090.6	1,430.1	2,775.4	22573	0.0	119.3	0.0	0.0	117.9	0.0
132046	693.0	1,120.9	1,790.7	693.1	1,123.1	1,791.1	22368	362.3	734.3	1,014.9	361.6	735.0	1,020.9
146621	549.8	676.6	980.6	550.0	679.7	977.8	23165	2,161.5	3,017.3	5,037.7	2,160.8	3,017.5	5,045.5
1656356	37.8	64.1	125.5	37.9	63.8	124.7	2794548	594.9	628.3	491.1	595.7	628.0	491.5
116498	525.0	670.5	895.5	525.8	676.5	901.5	1634538	140.0	137.1	118.8	139.9	138.1	117.1
2697254	405.1	522.2	733.1	406.0	523.6	734.0	22842	20,923.1	29,780.2	49,832.9	20,922.6	29,766.7	49,882.9
2697252	753.8	1,036.0	1,941.3	754.7	1,038.4	1,936.9	22919	21,188.5	26,243.9	47,008.0	21,184.4	26,240.5	47,070.5
2697256	426.9	545.2	728.1	427.5	550.1	733.1	94450	1,313.5	2,347.6	2,787.6	1,314.5	2,352.3	2,786.5
2697258	416.1	559.7	696.9	416.3	560.1	694.9	94485	1,611.2	1,149.1	1,768.4	1,612.3	1,153.2	1,746.3
99750	356.5	479.5	597.1	356.6	479.9	595.4	2667892	4,140.0	6,267.5	9,213.4	4,147.2	6,256.0	9,225.1
99751	252.0	310.1	453.0	252.0	311.1	451.9	2697262	5,887.5	7,013.5	9,947.6	5,889.0	7,012.3	9,952.4
2773240	1,128.9	1,360.2	1,621.6	1,129.5	1,359.3	1,616.9	2697272	4,488.6	5,679.7	7,820.8	4,491.2	5,670.7	7,806.3
2697260	1,145.2	1,378.0	1,639.7	1,145.8	1,377.1	1,635.0	2771741	4,447.9	5,538.6	8,872.3	4,449.1	5,530.6	8,978.9
122569	620.1	623.7	263.8	617.8	629.5	263.4	2798129	1,598.9	2,080.0	1,521.4	1,593.6	2,070.9	1,510.0
2773226	107.2	119.3	173.2	107.1	122.3	173.0	122568	2,639.7	3,134.7	4,434.6	2,640.2	3,134.2	4,437.9
1634540	164.8	165.8	70.1	164.3	167.4	70.0	132047	616.4	735.1	1,368.0	614.7	735.1	1,362.4
23078	4,425.7	5,012.2	8,647.0	4,421.5	5,014.7	8,653.7	132048	702.3	1,073.4	1,776.1	703.2	1,075.2	1,785.7
132071	1,155.4	1,444.6	2,228.4	1,155.0	1,447.0	2,233.4	132049	638.3	795.2	1,454.6	639.7	796.6	1,451.6
2667889	1,589.6	2,392.7	3,744.1	1,586.2	2,396.5	3,741.5	2668980	588.7	1,202.9	1,788.6	588.2	1,207.3	1,794.0
2667890	1,660.8	1,962.0	3,415.2	1,658.0	1,966.9	3,418.8	2798203	1,499.4	2,052.9	3,571.6	1,498.4	2,054.8	3,576.0
2773269	4,012.1	6,174.5	9,523.9	4,012.4	6,183.7	9,521.0	2795651	484.6	667.5	335.9	484.9	666.9	335.9
22920	4,012.9	6,175.8	9,525.8	4,013.2	6,185.0	9,522.9	94460	313.0	639.6	951.0	312.8	642.0	953.9
2773242	4,427.5	5,014.2	8,650.5	4,423.2	5,016.7	8,657.2	2766069	2,334.3	2,893.1	5,194.4	2,334.5	2,893.3	5,199.3
94529	357.7	573.6	853.7	357.6	574.7	854.7	99759	521.6	753.7	1,274.9	521.5	755.1	1,275.9
95741	917.8	850.6	1,717.6	916.3	852.2	1,722.3	99760	1,434.2	1,734.7				
116847	556.4	713.4	1,086.7	555.8	710.7	1,088.2	132046	716.3	1,090.5				

Project Effect on VMT Calculations

Link-Level VMT													
Link	2018 NP			2018 WP			Link	2045 NP			2045 WP		
	AM	PM	OP	AM	PM	OP		AM	PM	OP	AM	PM	OP
2753261	220.3	353.2	525.6	220.2	353.9	526.2	146621	631.5	795.0	1,026.6	631.1	793.5	1,026.4
116846	296.3	353.6	580.7	296.1	352.8	580.9	2771801	546.2	752.3	378.6	546.6	751.7	378.6
2697272	1,720.7	2,151.4	3,318.8	1,720.2	2,155.0	3,326.2	2771802	138.0	190.1	95.7	138.1	189.9	95.7
2673409	0.0	0.0	0.0	0.0	0.0	0.0	1656356	66.4	81.4	148.2	66.6	81.5	147.9
2697276	1,226.2	1,525.3	2,300.3	1,226.0	1,528.3	2,305.8	116498	674.3	850.7	1,034.8	674.2	849.4	1,036.7
117161	242.2	282.3	291.7	243.0	283.7	290.8	2697254	417.5	527.6	774.8	416.6	528.4	776.3
117176	215.0	297.4	354.9	214.2	297.0	353.9	2697252	887.1	1,281.8	2,168.2	887.0	1,284.2	2,169.9
117177	476.8	591.1	649.4	475.4	595.1	648.2	2697256	548.3	691.7	841.4	548.2	690.7	843.0
117280	2,679.6	3,405.8	4,261.5	2,681.4	3,419.4	4,295.8	2697258	443.6	560.4	791.2	443.7	560.6	792.2
124370	856.6	1,085.5	1,474.7	861.3	1,086.9	1,476.6	99750	380.0	480.1	677.9	380.1	480.3	678.7
2665172	846.6	1,060.2	1,245.4	847.4	1,068.4	1,266.3	99751	260.0	326.2	469.3	259.9	325.5	469.2
2676361	6,461.6	8,557.0	14,568.7	6,466.5	8,568.8	14,571.6	2697260	2,583.5	3,068.0	4,340.2	2,584.0	3,067.4	4,343.4
2773298	231.3	261.7	267.7	233.0	261.2	266.7	122505	5,643.4	6,825.3	9,805.9	5,640.6	6,828.8	9,812.3
2772649	3,566.5	4,739.4	8,174.5	3,568.1	4,745.7	8,173.9	122569	778.1	625.3	420.5	776.7	620.8	415.6
117116	1,556.3	2,011.2	3,277.8	1,556.6	2,010.5	3,277.3	1634541	260.0	268.8	4.7	260.2	266.1	4.7
2772566	2,155.3	2,785.3	4,539.3	2,155.6	2,784.3	4,538.7	1634540	206.9	166.3	111.8	206.5	165.0	110.5
116865	227.6	257.0	269.3	229.2	256.6	268.5	22920	8,352.9	12,292.4	19,480.6	8,351.2	12,287.9	19,501.6
116868	2,358.2	3,073.3	4,768.6	2,358.0	3,074.7	4,769.3	23078	9,001.1	10,477.3	17,613.1	8,999.7	10,496.1	17,630.0
2697314	1,329.0	1,723.4	2,503.9	1,330.0	1,721.9	2,497.7	132071	1,506.6	1,906.4	2,625.1	1,507.5	1,903.4	2,620.2
2772936	1,592.9	2,064.4	3,102.1	1,593.9	2,062.3	3,097.3	2771739	3,209.8	4,825.4	7,449.8	3,214.1	4,825.5	7,452.9
117153	162.4	197.7	299.4	162.4	197.2	298.3	2667890	2,886.0	3,349.4	6,366.6	2,887.0	3,335.1	6,383.5
133270	197.7	240.3	409.4	199.8	238.5	407.6	2771740	471.1	519.2	1,108.0	471.3	515.9	1,104.8
2665171	535.4	670.4	787.5	535.9	675.6	800.8	2667889	383.8	574.4	915.1	384.3	575.1	915.0
2666499	74.1	135.9	180.0	73.8	137.0	180.1	94529	437.6	454.8	981.9	437.3	455.0	982.6
2666501	884.4	1,201.5	2,114.1	884.5	1,205.5	2,116.9	95741	660.2	1,000.2	1,894.4	660.5	999.5	1,896.8
2773348	1,328.2	1,722.4	2,502.4	1,329.2	1,720.9	2,496.2	116847	791.5	928.9	1,244.6	791.7	927.9	1,244.1
2666496	536.1	700.8	1,097.2	538.4	700.8	1,100.4	2753261	269.5	280.0	604.6	269.3	280.1	605.0
2676359	186.1	250.2	336.4	187.5	248.3	333.6	116846	377.4	490.3	678.0	378.1	489.8	677.4
2676360	1,466.5	1,946.1	3,448.1	1,466.0	1,950.8	3,450.4	2673408	0.0	0.0	0.0	0.0	0.0	0.0
2666500	467.3	577.3	823.7	467.7	576.1	820.7	2673409	216.0	281.0	205.5	215.3	279.7	204.0
2666502	163.4	188.2	348.5	162.9	187.4	347.3	2697276	1,951.0	2,402.9	3,060.3	1,952.5	2,398.8	3,055.2
2668681	58.4	78.4	105.5	58.8	77.9	104.6	117176	34.9	96.5	361.2	34.8	95.9	360.9
2666498	1,242.6	1,617.8	2,792.1	1,243.8	1,619.4	2,792.6	117177	543.5	630.2	570.8	544.4	631.1	571.0
2665173	0.0	0.0	0.0	0.0	0.0	0.0	117280	3,550.2	4,503.9	5,427.5	3,553.9	4,508.0	5,454.0
2773350	0.0	0.0	0.0	0.0	0.0	0.0	124370	943.1	1,212.0	1,534.5	945.8	1,214.4	1,537.7
2766348	0.0	0.0	0.0	0.0	0.0	0.0	2798012	423.5	470.6	473.1	422.7	470.9	471.9
2766347	0.0	0.0	0.0	0.0	0.0	0.0	2665172	1,063.1	1,325.3	1,652.4	1,064.8	1,326.4	1,661.7
117159	1,665.9	2,093.4	2,192.2	1,667.1	2,114.4	2,243.6	2676361	6,257.5	8,298.5	13,706.9	6,256.4	8,302.3	13,715.1
2697322	183.2	202.7	190.1	184.6	205.2	190.1	2795679	3,938.2	5,209.7	8,941.3	3,936.5	5,211.3	8,941.6
2773357	326.2	381.6	432.7	327.7	384.1	433.1	2795673	185.9	100.4	331.9	185.1	97.8	331.0
2773354	0.0	0.0	0.0	0.0	0.0	0.0	2798134	239.2	292.9	162.1	238.4	295.6	161.5
2773352	6,220.7	8,231.3	14,128.3	6,226.0	8,243.1	14,130.8	2798136	0.0	0.0	0.0	0.0	0.0	0.0
2773342	669.4	781.6	992.7	666.1	783.2	990.7	117116	2,503.8	3,260.3	5,010.8	2,502.7	3,261.1	5,018.4
2773322	3,335.8	4,533.6	7,564.2	3,339.2	4,538.7	7,576.7	2795674	3,197.6	4,177.3	6,631.2	3,196.7	4,176.4	6,641.9
2773320	1,065.5	1,357.8	1,204.2	1,065.4	1,366.1	1,209.2	116865	172.3	76.7	320.2	171.3	73.9	319.4
2773279	772.1	825.8	1,462.1	768.3	827.6	1,460.8	116868	2,394.9	3,064.8	4,577.3	2,391.6	3,063.8	4,584.9
2754340	162.4	197.6	203.9	162.1	197.3	203.7	2798133	990.2	1,289.4	1,981.8	989.8	1,289.8	1,984.8
2773363	158.0	172.6	167.1	158.8	173.9	166.6	2697314	3,533.8	4,539.9	6,548.5	3,533.5	4,540.9	6,555.5
2773361	218.4	254.1	259.7	219.3	255.5	259.5	2770642	2,213.5	2,852.5	4,125.3	2,213.1	2,853.1	4,131.4
2773296	4.3	5.3	5.4	4.3	5.3	5.3	117153	219.1	276.8	423.5	219.3	276.8	424.7
2760695	300.7	319.2	288.9	302.3	321.9	287.6	133270	189.8	203.6	386.2	189.8	202.4	390.2
2760701	0.0	0.0	0.0	0.0	0.0	0.0	2665171	609.5	759.8	947.4	610.5	760.5	952.7
2760699	145.7	154.6	140.0	146.4	155.9	139.3	2666499	62.8	138.8	151.7	62.5	140.2	153.1
2697316	353.3	399.9	368.6	355.0	402.9	368.0	2666501	934.8	1,226.8	2,092.0	933.9	1,226.7	2,091.1
2727844	248.9	271.8	263.1	250.1	273.9	262.4	2666496	763.8	1,003.6	1,461.9	765.3	1,004.9	1,466.9
2697318	168.5	190.8	175.8	169.3	192.2	175.5	2676359	237.2	322.5	498.8	237.9	322.7	498.9
2760702	3.6	4.4	4.5	3.6	4.4	4.5	2676360	1,541.7	2,031.1	3,538.5	1,540.3	2,031.6	3,538.5
2773326	154.2	170.6	160.0	155.4	172.7	160.1	2666500	673.5	839.7	1,209.6	674.3	839.4	1,213.3
2697320	206.9	236.0	241.5	208.1	238.0	241.3	2666502	166.6	224.3	437.2	166.4	224.8	438.2
116886	2,906.3	3,890.6	6,984.9	2,907.8	3,893.7	6,988.6	2668681	74.4	101.1	156.4	74.6	101.2	156.5
116938	126.7	130.1	236.9	128.8	129.9	241.1	2666498	1,209.2	1,562.8	2,638.4	1,209.2	1,562.5	2,639.0
2660994	127.7	165.2	165.6	127.9	165.4	165.7	2665173	0.0	0.0	0.0	0.0	0.0	0.0
2697324	349.9	338.2	790.6	345.3	341.3	790.9	2766347	0.0	0.0	0.0	0.0	0.0	0.0
2773324	478.9	580.1	806.3	478.7	580.5	807.0	2766348	0.0	0.0	0.0	0.0	0.0	0.0
2773318	386.2	516.5	379.4	385.7	520.5	378.6	117159	2,270.8	2,917.0	4,353.8	2,268.6	2,919.2	4,377.0
116887	406.5	533.3	425.4	405.9	537.4	424.2	2697322	228.3	243.3	101.4	228.7	243.6	101.0
2773277	192.2	185.8	434.3	189.7	187.5	434.5	2771311	97.4	133.5	197.4	97.3	133.9	197.1
116928	3,157.2	4,320.1	7,270.3	3,159.8	4,325.4	7,282.5	2754340	445.8	516.1	437.2	444.5	518.0	440.1
116940	946.9	1,208.3	1,711.1	943.9	1,208.9	1,710.9	2771310	458.2	517.0	429.5	458.7	517.5	429.4
116927	195.4	240.9	355.9	195.5	241.0	357.0	2795678	0.0	0.0	0.0	0.0	0.0	0.0
116939	989.8	1,266.2	1,073.3	990.6	1,275.0	1,078.4	2795677	5,885.4	7,807.8	12,964.3	5,884.1	7,811.2	12,973.7
2773346	844.5	1,057.0	1,240.2	845.2	1,065.2	1,261.1	2795665	1,199.4	1,503.7	1,225.5	1,202.5	1,505.8	1,228.8
117149	116.2	145.4	170.7	116.3	146.6	173.5	2795664	1,607.3	1,695.2	2,314.0	1,607.9	1,700.0	2,295.4
2772686	89.5	112.5	117.8	89.6	113.6	120.5	2795667	33.2	57.4	123.7	33.0	57.4	123.2
117165	776.1	942.8	1,159.6	777.0	950.0	1,175.2	2795670	3,461.1	4,658.1	7,734.1	3,459.8	4,656.9	7,746.7
2697328	531.5	630.2	581.2	535.7	634.7	583.9	2697318	514.2	587.1	444.7	514.0	587.9	445.2
2697330	854.6	1,003.5	1,209.8	845.1	1,004.4	1,207.5	2795675	44.0	57.7				
2697334	1,017.7	1,293.7	1,171.0	1,016.1	1,301.0	1,168.5	2795676	116.7	64.1				

Project Effect on VMT Calculations

Link-Level VMT													
Link	2018 NP			2018 WP			Link	2045 NP			2045 WP		
	AM	PM	OP	AM	PM	OP		AM	PM	OP	AM	PM	OP
2754336	222.1	215.6	510.8	219.4	217.5	505.9	2798132	951.4	1,112.0	751.5	949.5	1,115.6	753.9
2754335	289.9	341.9	688.6	289.8	342.5	683.8	2760695	271.1	184.1	368.4	270.4	181.9	367.3
2697326	159.2	184.7	284.9	159.7	185.2	283.8	2760701	0.0	0.0	0.0	0.0	0.0	0.0
2773344	135.2	143.1	391.1	135.0	144.1	386.0	2760699	121.3	82.3	164.8	121.0	81.4	164.3
2773340	222.1	215.6	510.8	219.4	217.5	505.9	2697316	531.2	617.3	500.4	531.0	618.3	502.1
2697332	421.8	536.2	485.3	421.1	539.2	484.3	2727844	170.7	93.8	220.9	170.2	92.2	220.2
117056	134.2	161.1	190.6	133.6	162.1	189.6	2760702	150.1	177.6	173.9	150.0	177.4	174.6
117160	893.6	1,089.0	1,311.7	893.5	1,101.1	1,333.8	2798131	320.2	361.8	209.2	320.4	362.1	208.4
2697336	141.8	178.2	186.6	141.9	180.0	191.0	2697320	297.6	354.1	236.9	297.5	354.8	236.8
117166	742.5	902.0	1,109.4	743.4	908.9	1,124.3	116886	2,898.5	3,858.8	6,597.2	2,895.4	3,862.2	6,601.9
2697342	1,385.1	1,803.7	3,277.7	1,382.4	1,803.4	3,284.5	116938	174.0	196.3	274.1	174.0	196.5	273.9
2753279	2,995.8	4,001.6	6,456.1	2,996.3	4,002.9	6,461.5	2660994	169.9	219.9	251.5	169.7	220.3	252.6
2675638	1,501.1	1,864.1	2,638.3	1,501.4	1,862.5	2,644.1	2697324	862.1	825.6	1,211.0	863.0	825.2	1,210.5
2697338	1,786.4	2,270.5	2,841.0	1,787.6	2,279.6	2,863.9	2795669	774.7	947.7	1,082.3	774.7	949.6	1,080.4
2772651	1,500.8	1,863.7	2,637.8	1,501.0	1,862.1	2,643.6	2795666	433.6	559.3	406.6	434.9	560.2	409.8
117256	3,710.6	4,925.0	8,462.6	3,712.1	4,931.0	8,462.0	116887	464.6	598.9	444.8	466.0	599.8	447.2
131094	883.8	1,118.6	1,830.6	884.2	1,119.5	1,831.0	116928	3,083.4	4,160.6	6,991.8	3,082.9	4,159.7	7,004.9
2779649	883.6	1,118.4	1,830.3	884.0	1,119.3	1,830.7	116940	764.5	1,038.6	1,701.5	761.6	1,040.6	1,702.0
117357	815.4	1,059.3	1,859.0	814.2	1,059.1	1,862.5	116927	169.8	219.7	347.2	169.3	220.0	347.3
2675640	983.3	1,245.8	2,044.2	986.0	1,252.0	2,057.8	116939	1,192.5	1,495.1	1,218.4	1,195.5	1,497.1	1,221.7
2675639	624.7	791.4	1,298.6	626.4	795.4	1,307.3	2798135	0.0	0.0	0.0	0.0	0.0	0.0
2772647	510.9	634.4	897.9	511.0	633.9	899.9	2798137	0.0	0.0	0.0	0.0	0.0	0.0
2697340	723.9	940.4	1,650.4	722.9	940.3	1,653.5	117149	1,133.2	1,412.0	1,755.1	1,135.1	1,413.2	1,765.1
2781954	63.1	82.1	149.2	62.9	82.1	149.5	117165	703.9	833.3	1,277.6	706.3	833.7	1,286.7
117453	2,136.6	2,678.0	3,661.6	2,138.4	2,680.8	3,668.2	2697328	897.3	1,059.5	881.0	894.1	1,060.7	877.8
2697354	969.4	1,252.5	1,853.6	969.7	1,253.1	1,857.5	2697330	190.4	107.2	206.5	192.9	107.4	205.6
117344	3,950.3	4,677.4	5,501.7	3,939.6	4,685.9	5,488.3	2697334	1,575.1	1,798.9	1,835.7	1,577.4	1,800.0	1,833.6
2697362	118.2	197.3	111.5	116.6	197.9	111.4	2754336	883.5	1,085.2	1,716.0	881.0	1,088.5	1,708.8
2697364	290.0	325.2	355.5	291.8	327.0	354.8	2754335	477.8	530.8	781.0	479.4	532.0	777.7
2697370	1,430.4	1,817.4	2,602.8	1,433.5	1,817.1	2,605.0	2771312	383.7	406.6	504.2	383.8	407.5	502.2
117342	27.8	40.4	30.2	28.3	40.4	30.2	2795668	502.4	543.3	854.1	502.5	544.9	850.6
2697358	714.4	817.6	907.7	718.8	822.1	906.2	2697332	652.8	745.6	760.8	653.7	746.0	759.9
2772599	110.6	191.7	119.0	109.6	192.3	118.9	117056	187.9	201.9	215.3	188.3	202.3	214.8
2754337	1,810.6	2,231.7	2,350.9	1,805.7	2,243.5	2,347.3	117160	880.0	1,083.5	1,395.3	881.3	1,084.9	1,407.6
2754339	0.0	0.0	0.0	0.0	0.0	0.0	117161	167.7	178.0	244.0	167.0	178.1	243.4
2697360	259.3	346.0	361.3	258.5	345.7	360.3	2697336	193.3	248.3	370.6	193.1	248.5	372.6
2754338	52.2	58.0	11.2	52.2	58.0	11.2	117166	673.4	797.2	1,222.3	675.7	797.6	1,231.0
2772684	200.9	229.1	229.9	201.9	230.2	229.5	2697342	1,594.8	2,039.9	3,277.1	1,592.3	2,037.1	3,274.4
2772597	144.5	185.5	254.6	143.9	187.3	253.8	2753279	1,557.7	2,050.9	3,247.5	1,558.1	2,050.6	3,249.2
2772550	528.8	655.5	720.4	527.2	659.4	719.1	2675638	3,181.3	3,902.0	5,254.9	3,182.7	3,897.7	5,257.5
117355	124.7	208.1	117.6	123.0	208.7	117.5	2697338	2,366.8	3,002.6	3,618.3	2,369.2	3,005.3	3,636.0
117356	370.7	415.6	454.4	373.1	418.0	453.6	117256	3,971.0	5,219.7	8,898.9	3,970.6	5,221.0	8,898.9
117354	6.8	12.1	16.9	6.8	12.1	16.9	131094	1,880.8	2,392.7	3,855.4	1,880.0	2,392.2	3,854.4
2772595	244.5	268.9	352.1	245.3	267.5	354.2	2798127	1,732.6	2,281.1	3,612.1	1,733.0	2,280.8	3,613.9
124369	292.1	378.8	518.5	293.1	379.4	519.3	117357	988.9	1,265.0	1,871.4	987.6	1,263.6	1,871.2
2772688	1,269.7	1,646.6	2,253.8	1,273.9	1,649.4	2,257.3	2675640	967.2	1,215.3	1,659.5	969.5	1,217.5	1,668.6
2697366	1,269.4	1,646.2	2,253.3	1,273.6	1,649.0	2,256.8	2675639	1,228.4	1,543.6	2,107.7	1,231.3	1,546.4	2,119.2
2772603	177.1	225.0	322.3	177.5	225.0	322.6	2697340	769.5	984.3	1,581.3	768.4	983.0	1,580.0
2697368	134.6	174.6	238.9	135.0	174.8	239.3	117453	2,433.5	3,082.9	4,096.0	2,433.6	3,084.4	4,096.5
117445	388.1	493.9	445.4	388.4	496.3	444.7	2697354	1,207.5	1,524.8	2,344.0	1,208.5	1,527.0	2,345.9
2697372	816.5	867.3	1,004.0	812.9	868.6	1,008.2	2796527	1,198.4	1,518.2	2,017.1	1,198.4	1,518.9	2,017.4
2772681	358.1	447.9	414.0	357.6	450.9	413.4	117344	3,310.8	3,956.2	3,071.7	3,328.1	3,952.6	3,068.4
2772679	640.5	817.4	1,175.9	642.4	816.8	1,177.0	2697362	88.7	82.8	164.0	88.9	82.8	163.6
2753271	291.6	323.6	409.2	291.2	324.3	409.6	2697364	304.5	331.0	428.8	303.2	330.7	427.7
2772585	291.6	323.6	409.2	291.2	324.3	409.6	2697370	1,644.6	2,046.4	2,912.6	1,646.2	2,049.0	2,915.3
117470	273.6	347.7	497.9	274.2	347.6	498.3	117342	125.9	154.9	220.5	126.0	155.7	220.1
2697374	604.2	767.7	1,099.4	605.5	767.5	1,100.3	2697358	980.0	1,064.9	1,072.0	977.2	1,065.9	1,069.0
2772601	273.9	348.0	498.4	274.5	347.9	498.8	2754337	2,010.6	2,431.3	2,467.5	2,015.0	2,430.7	2,467.6
2772544	956.5	1,039.3	1,255.0	953.8	1,040.4	1,259.3	2754339	0.0	0.0	0.0	0.0	0.0	0.0
2772587	106.1	117.8	148.9	106.0	118.0	149.1	2798011	103.3	116.7	380.9	103.5	116.7	380.2
2727812	106.0	117.7	148.8	105.9	117.9	148.9	2697360	185.2	274.0	535.1	185.1	273.5	534.5
2753265	844.5	1,178.6	1,431.6	842.9	1,177.6	1,427.7	2754338	170.0	201.8	202.1	170.1	201.8	201.7
2753269	210.1	226.8	273.1	209.2	227.1	276.6	2798009	162.6	152.5	23.0	162.3	153.4	22.9
2753266	49.7	65.7	79.7	49.5	65.7	79.7	2798095	577.6	676.7	622.0	578.5	677.0	621.9
2753270	129.4	139.7	168.2	128.9	139.9	170.4	117355	93.5	87.3	173.0	93.8	87.3	172.5
22461	9,346.5	11,265.0	18,925.2	9,334.2	11,262.0	18,935.5	117356	389.3	423.2	548.2	387.6	422.8	546.7
22713	3,812.8	5,674.9	8,918.6	3,812.3	5,676.9	8,908.6	117354	68.4	74.3	14.3	68.5	74.8	14.2
117107	140.4	131.8	33.2	141.1	132.2	33.1	2796522	140.3	167.4	113.3	140.3	167.7	113.0
2667871	1,608.0	2,308.2	3,586.9	1,603.9	2,310.1	3,584.1	2798010	151.7	181.0	122.5	151.7	181.4	122.2
2667872	1,786.5	2,195.3	3,810.9	1,784.7	2,201.3	3,811.0	124369	320.3	394.6	572.1	320.8	395.5	572.9
22653	19,012.8	22,357.5	37,597.6	18,999.0	22,364.6	37,613.7	2697366	2,784.0	3,429.8	4,972.9	2,788.6	3,437.8	4,980.4
2667880	2,977.3	4,481.6	7,012.7	2,970.9	4,488.6	7,007.9	2697368	406.7	506.1	720.3	407.1	506.7	721.0
2667882	3,573.7	4,221.9	7,348.9	3,567.6	4,232.4	7,356.5	117445	731.0	769.7	1,128.1	728.9	769.2	1,125.1
2773275	8,595.5	12,907.5	19,810.1	8,595.9	12,916.9	19,802.6	2697372	475.1	511.3	440.5	476.4	512.3	439.9
2772490	867.3	1,195.9	1,498.3	865.1	1,206.6	1,518.8	2753271	728.7	677.7	752.0	726.8	678.5	753.5
23281	8,596.3	12,908.7	19,811.9	8,596.7	12,918.0	19,804.4	2796525	356.8	441.4	615.9	357.0	441.9	616.4
116877	387.9	438.4	761.0	385.5	440.2	761.6	117470	629.5	783.3				
94580	50.1	87.0	124.8	50.4	87.0	124.6	2697374	694.4	864.1				

Project Effect on VMT Calculations

Link-Level VMT													
Link	2018 NP			2018 WP			Link	2045 NP			2045 WP		
	AM	PM	OP	AM	PM	OP		AM	PM	OP	AM	PM	OP
22701	10,329.1	15,320.0	24,145.5	10,327.3	15,325.5	24,117.5	2798015	1,336.8	1,467.3	1,473.3	1,336.4	1,468.9	1,470.4
22710	12,372.2	14,970.0	25,132.4	12,357.7	14,966.3	25,140.3	2727812	265.0	246.5	273.6	264.4	246.8	274.1
94419	390.5	691.2	713.2	391.8	694.8	723.3	2798016	406.4	502.8	701.6	406.7	503.4	702.2
95760	224.6	153.3	268.8	225.9	155.6	269.7	2753265	816.0	1,167.0	1,285.5	814.9	1,167.1	1,287.1
2667876	3,233.7	3,820.2	6,649.7	3,228.1	3,829.7	6,656.6	2753269	223.5	180.3	95.1	224.0	180.0	95.1
2667877	2,832.8	4,264.1	6,672.4	2,826.8	4,270.8	6,667.8	2753266	49.1	62.6	63.4	49.1	62.6	63.5
2772492	224.7	153.4	268.9	226.0	155.7	269.8	2753270	137.6	111.0	58.6	138.0	110.9	58.6
94422	77.2	125.5	203.6	77.1	125.4	203.9	22461	9,367.7	10,549.6	18,012.3	9,370.0	10,543.6	18,047.4
95759	114.0	122.1	144.6	113.7	120.7	144.6	22713	7,413.0	11,291.1	17,241.8	7,413.2	11,288.2	17,266.3
2753262	1,090.8	1,390.5	1,688.3	1,093.8	1,401.5	1,709.6	117107	26.4	132.3	7.9	26.4	131.3	7.9
117111	262.5	248.8	393.1	263.0	252.2	397.0	2667871	4,441.4	6,107.0	9,760.2	4,444.3	6,103.7	9,754.2
117106	47.5	68.1	91.1	47.3	68.8	92.3	2667872	4,997.9	6,236.5	10,475.5	4,999.4	6,239.4	10,465.1
2772548	324.4	413.5	502.0	325.3	416.8	508.4	22653	8,497.7	9,816.9	16,914.4	8,504.1	9,836.1	16,929.3
22374	11,985.0	14,688.0	24,659.2	11,969.4	14,685.5	24,665.8	2771737	9,174.5	13,875.7	21,009.0	9,181.1	13,865.6	21,049.4
22447	12,078.0	17,613.9	28,080.3	12,075.7	17,618.2	28,062.2	2667882	3,309.4	3,868.8	6,413.3	3,309.2	3,855.6	6,429.5
94324	171.5	306.7	382.4	173.9	312.0	379.4	2771743	2,670.1	4,010.1	6,212.3	2,668.5	4,011.7	6,203.5
95773	0.0	0.0	0.0	0.0	0.0	0.0	2794549	804.1	799.0	1,126.9	797.9	796.8	1,121.9
117364	530.9	644.0	803.2	530.4	644.8	804.2	23281	8,404.3	12,704.5	19,269.2	8,402.4	12,697.6	19,288.6
2667867	2,607.3	3,742.6	5,815.8	2,600.5	3,745.5	5,811.2	2771738	11,077.6	12,854.0	20,703.0	11,083.0	12,876.3	20,721.6
2667868	2,439.2	2,997.4	5,203.2	2,436.8	3,005.6	5,203.4	116877	701.0	671.3	984.7	701.7	670.9	984.3
94344	139.3	392.9	413.5	139.6	393.9	406.3	94580	102.2	197.3	205.0	104.0	196.5	205.1
95774	418.2	388.4	660.4	417.6	387.6	664.1	2667880	2.6	3.1	8.7	1.6	3.4	6.6
2772546	3,811.6	5,673.1	8,915.7	3,811.0	5,675.1	8,905.8	2771744	115.3	138.7	97.4	115.1	138.7	97.6
117360	32.1	41.2	53.5	32.0	41.3	53.5	22701	10,601.6	15,782.7	24,299.0	10,609.6	15,769.2	24,343.7
117358	221.9	262.4	366.3	222.6	263.7	366.7	22710	11,898.1	13,747.9	23,756.0	11,903.5	13,775.0	23,754.8
2667865	1,759.7	2,525.9	3,925.1	1,755.1	2,527.9	3,922.0	94419	369.6	697.1	834.3	369.7	697.7	837.0
2772540	10,442.3	12,950.6	21,532.1	10,432.9	12,956.9	21,532.9	95760	474.3	546.5	905.4	476.5	547.4	917.9
2772507	5,124.7	7,473.7	11,914.6	5,123.8	7,475.5	11,906.9	2667876	8,928.6	10,437.9	17,302.9	8,928.2	10,402.2	17,346.6
22373	5,125.9	7,475.3	11,917.3	5,124.9	7,477.1	11,909.6	2667877	6,892.7	10,351.7	16,036.6	6,888.5	10,355.8	16,013.8
116337	516.8	657.3	1,196.5	515.5	652.9	1,191.7	94422	69.6	154.0	227.9	69.7	153.8	226.7
133266	3,927.9	5,116.5	8,289.1	3,929.8	5,117.0	8,288.8	95759	171.8	61.9	197.4	171.7	62.6	197.1
2775255	164.4	169.7	68.9	165.2	169.3	69.0	2753262	1,530.8	1,898.3	2,736.8	1,529.5	1,902.1	2,755.1
2775234	2,846.4	3,380.4	3,694.0	2,848.2	3,390.8	3,673.4	117111	274.3	294.9	479.7	274.0	295.3	483.8
2763393	120.4	105.1	0.0	120.5	106.8	0.0	117106	49.1	44.2	70.0	48.7	44.1	69.7
2763396	225.9	308.3	487.6	226.6	308.5	492.0	22374	12,008.3	13,661.4	23,396.8	12,006.0	13,652.1	23,442.3
22654	14,666.3	19,332.6	31,808.8	14,652.3	19,334.0	31,837.3	22447	11,868.3	17,902.1	27,578.8	11,868.6	17,901.2	27,617.8
117363	400.4	487.1	622.9	400.3	487.0	623.1	94324	308.0	591.4	496.6	309.0	592.4	501.7
2665801	7,319.4	9,684.6	15,887.9	7,307.7	9,670.3	15,878.0	95773	219.5	100.4	580.4	216.6	99.8	577.5
2665803	3,897.9	5,019.5	8,346.5	3,896.0	5,026.2	8,347.2	117364	621.4	776.3	1,020.0	620.8	776.7	1,021.1
2775396	428.1	579.2	826.6	428.2	579.3	826.6	2667867	7,201.3	9,901.9	15,825.2	7,206.0	9,896.6	15,815.4
2775390	839.4	1,102.8	1,452.4	839.3	1,103.2	1,451.0	2667868	6,823.9	8,515.0	14,302.7	6,826.0	8,519.0	14,288.6
2772589	13,366.2	17,799.9	29,650.5	13,370.9	17,816.4	29,655.4	94344	71.4	198.3	179.3	71.5	196.3	179.6
2754334	16.8	20.0	23.1	16.8	20.0	23.1	95774	421.0	408.4	663.3	423.6	408.9	664.6
2772642	7.9	9.5	11.0	7.9	9.5	11.0	117360	35.9	39.6	60.8	35.8	39.7	60.8
22529	13,368.0	17,802.4	29,654.6	13,372.7	17,818.9	29,659.5	117358	262.5	352.3	398.7	263.7	352.8	400.6
117224	855.2	1,117.7	1,451.8	853.1	1,118.1	1,449.1	22373	10,448.2	15,365.5	24,399.4	10,443.6	15,363.6	24,427.5
131086	1,255.5	1,574.7	2,153.5	1,257.9	1,577.1	2,157.0	116337	1,156.0	1,341.4	1,980.6	1,158.2	1,342.5	1,985.8
146847	492.0	507.5	695.9	492.2	507.7	696.8	133266	3,731.1	4,853.9	7,659.1	3,736.4	4,854.3	7,658.7
2671706	5,453.8	7,212.9	11,868.5	5,448.6	7,212.6	11,879.1	2763393	0.0	0.0	0.0	0.0	0.0	0.0
2671707	3,149.5	4,014.0	6,669.2	3,147.8	4,020.7	6,670.1	2763396	108.7	160.9	289.2	108.3	160.5	288.1
2699192	295.5	394.8	509.5	297.1	395.9	509.1	2774165	4,729.7	5,536.7	5,089.3	4,744.0	5,535.0	5,090.8
2699200	1,402.3	1,758.5	2,404.5	1,405.0	1,761.2	2,408.5	2798032	138.0	148.6	79.1	138.6	148.3	79.0
2772674	418.9	491.2	634.1	419.3	490.6	634.3	2798141	1,132.1	1,429.6	1,840.7	1,133.5	1,429.5	1,841.4
2763391	193.6	233.8	311.8	193.0	233.7	311.7	22654	14,186.2	18,130.0	30,141.8	14,186.2	18,129.7	30,131.6
2699190	2,074.9	2,608.6	3,541.8	2,077.9	2,612.2	3,545.8	117363	428.3	569.5	737.6	428.1	569.2	737.4
2772670	2,075.0	2,608.7	3,541.9	2,078.0	2,612.3	3,546.0	2665803	9,647.6	12,313.2	20,160.4	9,658.7	12,307.9	20,190.9
2772605	1,090.8	1,371.3	1,861.9	1,092.4	1,373.2	1,864.0	2771732	14,756.7	19,933.8	33,350.4	14,766.1	19,922.8	33,351.4
146547	1,074.8	1,342.5	1,817.6	1,075.7	1,343.7	1,820.4	2771733	10,036.0	13,407.6	21,868.7	10,034.1	13,403.5	21,885.2
146546	201.5	255.6	338.7	201.5	255.8	338.6	2754334	93.8	20.1	22.5	93.8	20.1	22.4
2772677	76.5	102.2	131.9	76.9	102.4	131.7	2798025	445.8	577.9	877.7	445.9	578.1	879.4
2699194	76.5	102.2	131.9	76.9	102.4	131.7	2798024	264.0	335.8	464.5	264.1	335.8	465.4
22511	7,891.7	10,085.8	16,575.3	7,888.8	10,090.2	16,575.6	2798144	4,489.9	5,113.6	0.8	4,487.9	5,104.4	0.8
94363	338.3	568.5	894.8	337.0	566.7	899.7	2796528	25.6	5.5	6.5	25.7	5.5	6.5
95777	611.7	517.4	1,271.4	615.0	515.4	1,278.4	2798018	19.1	4.1	4.9	19.1	4.1	4.9
146544	2,073.7	2,671.1	3,698.4	2,068.3	2,670.8	3,692.2	22529	11,645.4	15,462.4	26,131.3	11,646.6	15,456.1	26,153.0
2667863	2,362.5	2,903.1	5,039.6	2,360.2	2,911.1	5,039.8	117224	752.9	903.7	1,150.5	753.6	904.1	1,158.6
2699196	368.1	505.6	505.0	370.0	507.6	504.6	131086	1,639.4	1,954.5	2,358.9	1,639.5	1,955.7	2,357.0
95776	870.5	907.8	1,620.8	867.3	908.5	1,621.0	146847	532.7	661.0	863.0	532.2	660.9	863.3
117392	215.5	234.1	276.6	215.6	234.5	276.5	2771734	6,551.0	9,007.7	14,396.1	6,555.2	9,002.9	14,387.2
2727811	805.3	1,156.2	1,562.3	804.5	1,157.3	1,562.7	2671706	11,295.5	14,626.7	23,938.3	11,302.0	14,618.7	23,967.7
2766068	365.8	525.1	709.6	365.4	525.6	709.7	2671707	6,736.2	8,405.5	14,118.8	6,738.2	8,409.4	14,104.8
117391	674.3	879.2	1,228.9	672.4	879.0	1,226.7	2699192	145.9	214.4	224.3	145.6	213.1	224.7
117393	390.0	470.6	692.2	389.1	471.0	690.6	2699200	1,171.0	1,390.7	2,633.3	1,171.4	1,393.4	2,631.2
117389	203.1	249.4	392.0	203.1	249.3	391.6	2763391	469.1	579.4	755.7	470.3	578.9	756.2
2668978	134.6	226.1	355.9	134.0	225.4	357.9	2796529	40.9	1.1	0.7	40.9	1.1	0.7
117390	640.5	745.9	1,167.3	639.9	746.0	1,166.1	2796536	462.2	612.7	935.3	462.4	612.7	935.3
2775240	5,455.1	7,214.6	11,871.3	5,449.9	7,214.3	11,881.9	2699190	5,086.1	6,524.7				
2781950	1,751.8	2,285.9	3,122.7	1,747.2	2,286.8	3,116.3	146547	2,442.5	3,140.9				

Project Effect on VMT Calculations

Link-Level VMT													
Link	2018 NP			2018 WP			Link	2045 NP			2045 WP		
	AM	PM	OP	AM	PM	OP		AM	PM	OP	AM	PM	OP
2699198	24.6	32.1	43.8	24.5	32.1	43.7	146546	343.7	437.0	556.6	344.5	436.2	557.0
2772655	2.5	2.4	2.9	2.5	2.4	2.9	2699194	75.5	111.0	116.1	75.4	110.3	116.3
2699202	155.7	160.6	220.2	155.8	160.7	220.5	22511	7,834.8	9,583.9	15,458.4	7,833.5	9,579.8	15,484.6
117138	320.0	339.7	453.1	320.5	339.5	453.1	94363	274.9	522.1	921.5	276.8	521.4	920.4
2772653	216.4	229.7	306.4	216.7	229.6	306.4	95777	483.5	510.1	1,366.0	484.0	510.8	1,367.3
117223	2,192.2	2,829.1	3,777.0	2,194.5	2,831.7	3,781.9	146544	1,824.2	2,172.6	2,865.1	1,822.0	2,174.4	2,881.1
2772593	943.6	1,252.1	1,698.9	941.6	1,251.9	1,694.2	2771736	6,612.0	8,250.6	13,858.5	6,614.0	8,254.4	13,844.8
2699204	944.3	1,253.0	1,700.2	942.4	1,252.9	1,695.4	2699196	162.2	214.9	237.2	164.8	215.0	237.1
2763392	644.2	755.4	975.2	644.8	754.5	975.5	95776	1,026.0	979.6	1,802.5	1,026.5	978.6	1,811.7
2772591	671.9	891.6	1,209.8	670.5	891.5	1,206.4	117392	292.3	303.6	369.2	291.3	304.4	369.7
117139	1,872.6	2,451.5	3,244.4	1,872.6	2,452.3	3,241.5	2727811	871.6	1,237.1	2,012.6	873.5	1,237.6	2,011.6
2699206	995.0	1,320.3	1,791.5	993.0	1,320.2	1,786.5	2766068	395.9	561.8	914.1	396.7	562.1	913.6
2699208	832.4	1,089.8	1,442.2	832.4	1,090.1	1,440.9	117391	568.2	687.6	914.3	567.7	688.0	919.8
23275	7,562.2	9,757.1	15,972.0	7,560.6	9,793.7	15,982.2	117393	344.5	428.6	639.3	344.9	428.6	640.2
116338	239.0	240.3	124.6	240.3	239.7	124.8	117389	191.0	232.5	359.2	191.1	232.7	358.9
117090	747.8	881.0	1,009.0	747.0	879.5	1,006.9	2668978	109.4	207.7	366.5	110.1	207.4	366.1
124365	65.9	2.9	194.6	65.4	2.9	194.9	117390	585.1	676.6	1,068.1	585.5	676.9	1,070.0
1633620	4,183.7	5,550.6	9,300.5	4,179.1	5,543.0	9,301.7	2699198	558.8	664.6	857.1	558.6	665.0	863.7
2665809	2,227.4	2,858.4	4,819.9	2,236.7	2,839.7	4,818.2	2796534	456.9	543.4	700.8	456.7	543.7	706.2
2775412	61.6	61.3	79.3	61.5	61.3	79.3	2798022	436.6	519.3	669.8	436.5	519.6	674.9
2775266	7,584.2	10,062.6	16,137.7	7,579.1	10,065.3	16,137.4	2798143	568.3	682.4	0.4	568.0	681.2	0.4
2754352	52.8	105.6	18.0	53.1	105.5	18.0	2798019	9.6	0.3	0.2	9.7	0.3	0.2
2775398	1,453.0	1,782.7	2,147.3	1,451.8	1,780.7	2,143.7	2699202	168.3	208.8	272.6	168.1	208.8	272.7
117089	1,001.0	1,376.6	1,584.9	1,000.0	1,375.4	1,582.0	117138	316.1	389.8	489.8	316.2	389.7	489.5
2775394	726.3	998.8	1,149.9	725.5	997.9	1,147.8	2796530	115.9	142.9	179.6	115.9	142.9	179.5
116386	1,326.0	1,775.5	2,147.6	1,324.4	1,774.0	2,144.0	2798023	96.0	118.4	148.8	96.0	118.4	148.7
2754351	122.8	245.4	41.9	123.4	245.1	41.9	2796537	246.7	313.7	434.0	246.8	313.7	434.9
22650	12,103.2	16,145.7	26,775.3	12,112.2	16,156.2	26,774.5	117223	1,738.4	2,222.8	4,156.4	1,738.5	2,226.0	4,153.2
23323	11,357.4	14,945.1	24,546.5	11,346.3	14,945.2	24,570.1	2798138	2,448.1	3,108.1	3,854.0	2,447.0	3,104.0	3,871.4
94386	401.4	445.7	634.1	403.6	449.3	634.8	2798140	2,149.3	2,714.0	3,494.5	2,152.0	2,714.0	3,495.9
94395	463.0	624.6	1,051.7	462.7	625.2	1,051.8	2763392	550.5	691.5	1,012.7	551.4	689.6	1,012.0
94591	710.5	1,058.7	1,469.3	710.7	1,055.2	1,458.3	2798139	1,068.8	1,338.1	1,914.4	1,069.6	1,338.1	1,915.2
99720	673.4	851.8	1,103.0	673.7	857.3	1,102.3	2798020	428.3	567.7	866.7	428.5	567.8	866.7
132069	2,976.9	3,516.0	3,984.6	2,978.5	3,526.7	3,964.7	2699204	822.0	999.4	1,297.3	821.5	998.0	1,304.3
132070	780.1	753.8	1,193.4	784.0	764.6	1,201.3	117139	1,864.0	2,403.3	3,644.7	1,864.6	2,403.1	3,651.8
1633614	3,547.4	4,693.7	7,700.1	3,541.7	4,686.7	7,695.3	2699206	1,290.3	1,638.2	2,031.3	1,289.7	1,636.0	2,040.5
1633617	3,239.0	4,171.0	6,935.6	3,237.4	4,176.5	6,936.2	2699208	763.3	984.1	1,492.4	763.5	984.0	1,495.4
2754341	89.6	125.2	119.7	89.7	125.1	119.9	2796539	442.7	573.9	871.6	442.8	574.1	873.3
94406	343.8	446.6	792.6	342.0	448.8	794.9	22829	15,610.8	20,175.0	32,915.3	15,607.0	20,181.6	32,930.6
2699248	999.6	1,202.1	1,712.0	999.9	1,203.8	1,718.7	23275	15,493.3	20,082.0	32,979.0	15,490.4	20,061.8	32,958.7
2775259	166.9	179.4	382.9	166.3	182.8	387.9	116338	578.2	624.0	393.0	580.0	623.0	392.2
99721	1,070.7	1,300.1	1,739.0	1,071.1	1,299.5	1,742.5	2798030	117.6	156.9	219.8	117.8	157.2	219.7
2775392	1,070.7	1,300.0	1,738.9	1,071.1	1,299.4	1,742.5	117090	1,203.4	1,538.4	2,411.5	1,205.1	1,538.7	2,416.5
2775388	1,078.8	1,300.3	1,862.3	1,079.0	1,301.9	1,869.0	124365	95.8	161.3	214.2	96.2	160.3	214.2
116860	19.8	6.5	0.6	19.7	6.5	0.6	1633620	9,596.2	12,247.6	20,053.0	9,607.3	12,242.3	20,083.3
2775257	93.8	100.0	59.0	94.4	99.7	59.1	2771728	9,340.5	12,478.4	20,353.1	9,338.7	12,474.6	20,368.5
2775261	48.7	99.4	12.1	49.0	99.3	12.1	2754352	66.6	80.6	64.6	66.3	80.5	64.6
133267	80.8	117.3	142.3	80.9	114.3	138.0	2796543	111.7	149.0	208.8	111.9	149.3	208.6
2779668	2,227.1	2,858.0	4,819.3	2,236.4	2,839.3	4,817.6	116386	1,350.2	1,722.0	2,621.4	1,351.5	1,720.2	2,625.6
2779666	2,080.1	2,673.6	4,226.8	2,080.3	2,670.0	4,236.6	117089	986.0	1,241.2	1,881.8	986.8	1,240.2	1,884.9
2775263	212.1	302.6	497.7	212.7	302.7	502.2	2754351	164.8	199.5	159.8	164.0	199.2	159.9
117296	3,170.4	4,006.6	6,873.9	3,173.6	4,007.4	6,890.4	2796538	676.8	863.2	1,314.0	677.4	862.3	1,316.1
2775236	2,491.2	3,125.0	5,026.0	2,492.8	3,127.5	5,024.8	2798029	585.4	746.6	1,136.5	585.9	745.8	1,138.3
2772514	1,027.6	1,232.4	1,541.1	1,027.1	1,236.6	1,526.0	22650	11,519.8	15,687.7	25,831.9	11,519.4	15,677.5	25,820.5
2772505	3,279.0	4,144.1	7,057.8	3,282.1	4,144.9	7,074.7	23323	10,826.8	13,748.7	23,347.6	10,831.4	13,744.8	23,351.7
2699296	2,324.9	2,919.2	5,025.8	2,326.5	2,919.8	5,024.6	94386	490.2	551.2	874.8	489.6	549.7	867.1
2775238	203.1	255.1	439.1	203.3	255.1	439.0	94395	504.3	690.4	892.4	502.0	692.4	885.8
117295	220.3	287.0	464.9	220.4	287.0	464.9	94591	997.5	1,401.0	1,864.9	994.0	1,405.3	1,868.8
1658253	1,800.4	2,275.4	3,875.2	1,802.1	2,275.8	3,884.4	132069	252.3	336.1	403.1	253.1	335.3	403.0
144326	275.4	351.0	486.9	275.3	350.9	486.8	132070	946.4	943.4	1,523.2	945.6	940.3	1,520.6
2775232	254.9	324.9	450.7	254.8	324.8	450.6	1633614	8,442.5	11,278.8	18,396.5	8,440.9	11,275.3	18,410.3
144327	7.1	9.8	13.4	7.1	9.8	13.4	2771730	8,001.2	10,212.0	16,720.0	8,010.5	10,207.6	16,745.3
117292	1,113.5	1,350.1	1,721.8	1,113.0	1,354.3	1,707.2	2754341	101.2	131.7	149.6	101.0	131.4	149.6
1658252	353.5	424.0	530.2	353.3	425.4	525.0	2774164	839.7	979.6	947.5	841.9	979.3	948.0
2772511	353.5	424.0	530.2	353.3	425.4	525.0	94406	355.3	428.5	885.6	358.7	428.9	890.6
116503	337.1	351.5	462.6	331.0	351.4	461.4	2798026	94.7	119.5	231.4	95.1	119.7	235.6
116855	825.0	986.6	1,853.5	816.0	987.8	1,875.2	2699248	844.3	1,070.0	1,562.9	844.6	1,071.7	1,566.4
1658251	1,887.5	2,320.8	3,168.1	1,893.4	2,322.3	3,169.4	99721	2,210.5	2,790.1	3,918.6	2,209.8	2,794.0	3,911.3
2699342	3,939.0	4,843.1	6,611.2	3,951.2	4,846.3	6,614.0	2796541	66.0	83.2	161.1	66.2	83.4	164.1
116321	227.7	275.4	270.5	227.7	276.9	269.0	2798027	556.9	707.6	1,044.2	557.1	709.2	1,046.3
146622	310.0	444.6	982.8	314.5	447.9	982.9	2796540	691.5	878.7	1,296.6	691.8	880.6	1,299.2
2699344	1,220.7	1,476.4	1,450.3	1,220.7	1,484.7	1,442.4	99720	513.3	669.4	781.3	514.4	668.4	779.4
2775230	1,102.2	1,355.2	1,850.0	1,105.6	1,356.1	1,850.7	116860	23.0	7.2	0.6	23.1	7.2	0.7
116320	673.6	858.7	1,146.5	675.6	857.6	1,140.8	2796542	103.3	122.2	104.5	103.6	122.3	104.4
116329	591.1	734.7	1,254.0	589.9	730.1	1,249.1	2798028	32.2	29.4	16.6	32.1	29.5	16.6
116330	229.1	275.1	483.1	227.8	274.5	480.6	2796544	28.7	26.2	14.8	28.6	26.3	14.8
116441	228.5	293.4	487.6	228.8	290.6	486.3	133267	202.6	216.3				
2775252	404.6	536.4	819.2	406.1	536.0	826.8	2798031	102.6	121.4				

Project Effect on VMT Calculations

Link-Level VMT													
Link	2018 NP			2018 WP			Link	2045 NP			2045 WP		
	AM	PM	OP	AM	PM	OP		AM	PM	OP	AM	PM	OP
2763394	2,048.2	2,533.3	3,108.9	2,051.4	2,537.8	3,110.2	2769529	1,824.6	2,258.9	3,548.9	1,825.8	2,258.7	3,552.7
2763395	399.3	534.9	817.1	400.7	534.5	824.8	2796546	141.9	152.9	81.3	142.5	152.6	81.2
116634	1,270.6	1,568.5	2,171.2	1,274.0	1,569.2	2,172.2	2798034	48.0	78.5	150.3	47.8	78.3	149.8
116434	242.7	361.3	406.2	241.3	361.0	408.4	2796547	59.0	96.5	184.7	58.7	96.1	184.1
116615	291.2	321.0	477.2	292.2	319.8	470.8	2769528	2,011.8	2,490.6	3,913.0	2,013.1	2,490.3	3,917.1
116616	59.1	78.6	99.1	59.4	78.7	99.0	2798142	1,279.3	660.5	390.2	1,287.4	646.0	392.8
116433	24.5	19.4	34.1	24.7	19.3	34.2	117292	3,650.0	4,448.4	5,098.3	3,659.5	4,452.6	5,103.6
2699340	42.4	43.3	27.3	42.4	43.2	27.3	117296	8,048.3	10,252.5	16,673.3	8,055.8	10,243.9	16,673.0
146624	0.0	0.0	0.0	0.0	0.0	0.0	2794555	3,290.0	4,269.7	6,705.3	3,293.2	4,270.2	6,705.3
2699346	211.7	184.8	0.0	211.8	187.8	0.0	2699296	1,457.8	1,896.5	2,992.5	1,459.8	1,896.6	2,992.3
2780317	211.7	184.8	0.0	211.8	187.8	0.0	117295	418.2	544.1	858.5	418.8	544.1	858.5
2775228	0.0	0.0	0.0	0.0	0.0	0.0	119798	3,538.9	4,499.7	7,286.1	3,542.0	4,496.0	7,285.4
2775226	197.2	172.2	0.0	197.4	175.0	0.0	1658253	2,275.9	2,893.8	4,685.7	2,277.9	2,891.4	4,685.3
146627	0.0	0.0	0.0	0.0	0.0	0.0	144326	1,460.6	1,755.0	2,248.8	1,463.0	1,753.1	2,248.1
2699348	88.0	76.8	0.0	88.1	78.1	0.0	144327	1,830.6	2,307.3	2,967.9	1,833.8	2,307.2	2,969.0
2775224	1,373.6	1,642.4	1,720.9	1,366.7	1,638.3	1,713.4	1658252	1,205.3	1,469.4	1,668.0	1,208.7	1,470.9	1,669.5
132068	308.2	349.5	213.2	304.9	349.1	212.7	120734	1,025.6	1,250.2	1,419.3	1,028.5	1,251.5	1,420.6
2697262	5,176.0	6,236.3	7,434.7	5,178.8	6,232.0	7,413.3	116503	337.0	75.1	0.0	337.0	77.0	0.0
124049	334.4	409.6	5.7	333.4	408.7	5.9	116855	1,027.4	1,562.3	2,219.8	1,030.2	1,590.3	2,221.8
2697197	1,514.0	1,861.9	3,965.4	1,514.0	1,861.9	3,965.4	1658251	2,121.8	2,683.2	3,643.5	2,124.9	2,685.6	3,646.9
1658256	6,577.2	7,668.5	14,166.1	6,577.2	7,668.0	14,172.6	2699342	4,427.9	5,599.4	7,603.4	4,434.2	5,604.5	7,610.5
2766346	0.0	0.0	0.0	0.0	0.0	0.0	121869	2,147.1	2,544.0	3,303.3	2,148.0	2,530.9	3,306.4
2775435	0.0	0.0	0.0	0.0	0.0	0.0	116321	329.0	356.3	365.4	329.9	356.5	364.8
2699246	2,699.9	3,403.4	3,856.2	2,698.3	3,399.5	3,849.8	116634	2,617.2	3,426.2	4,767.1	2,614.7	3,421.3	4,770.7
							146622	0.0	0.0	0.0	0.0	0.0	0.0
							2699344	1,936.6	2,097.4	2,151.2	1,942.2	2,098.9	2,147.5
							116320	754.9	817.5	838.5	757.1	818.1	837.1
							116329	1,254.3	1,450.4	2,076.4	1,256.6	1,451.7	2,081.4
							116330	537.0	500.7	774.9	538.8	502.8	778.0
							116441	435.2	620.8	831.9	435.2	619.7	832.7
							2763394	1,869.3	2,251.9	2,416.4	1,873.2	2,249.6	2,412.9
							2796545	133.7	180.1	266.6	133.6	179.5	265.5
							2763395	284.2	373.5	564.2	283.9	372.4	561.7
							116434	340.4	518.2	614.0	341.4	518.4	616.3
							116615	433.7	483.4	663.3	435.1	482.7	663.0
							116616	55.5	76.8	94.7	55.4	76.9	94.6
							116433	21.8	25.9	25.2	21.9	25.9	25.1
							2699340	52.8	58.1	45.6	52.8	58.2	45.4
							2798033	120.6	162.4	240.4	120.5	161.8	239.4
							146624	0.0	0.0	0.0	0.0	0.0	0.0
							146627	0.0	0.0	0.0	0.0	0.0	0.0
							2699346	0.0	0.0	0.0	0.0	0.0	0.0
							2699348	0.0	0.0	0.0	0.0	0.0	0.0
							2796555	721.4	780.1	744.3	724.0	780.6	742.8
							2798035	750.2	811.3	774.1	752.9	811.8	772.5
							122675	1,179.6	1,411.2	2,151.9	1,181.7	1,434.6	2,153.5
							132068	328.5	202.8	140.9	331.8	209.8	140.9
							2766346	0.0	0.0	0.0	0.0	0.0	0.0
							2770546	16,218.6	22,459.6	35,895.9	16,218.6	22,459.6	35,895.9

RK ENGINEERING GROUP INC.

Appendix D
Existing Traffic Counts

INTERSECTION TURNING MOVEMENT COUNTS

T012524

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

DATE: Tue, Jan 27, 26

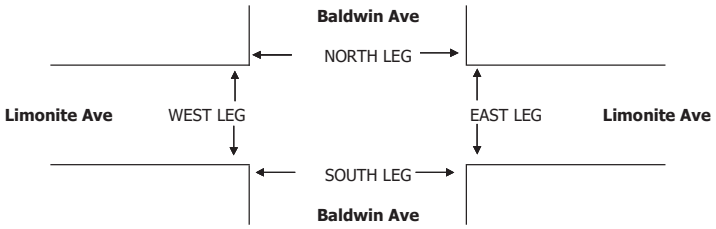
LOCATION: Jurupa
NORTH & SOUTH: Baldwin Ave
EAST & WEST: Limonite Ave

PROJECT #: SC5850
LOCATION #: 1
CONTROL: SIGNAL

NOTES:

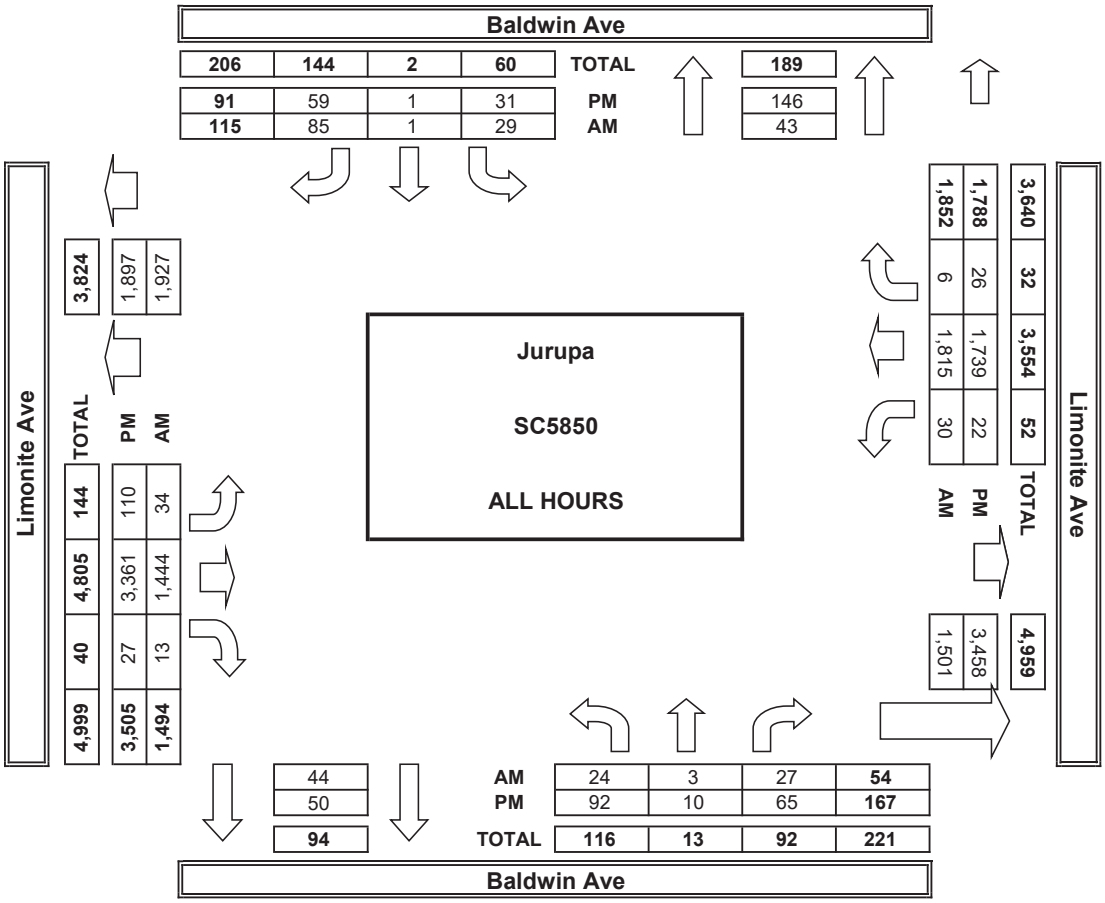
AM / PM / MD / OTHER / OTHER — ▲ N ◄ W E ► S ▼

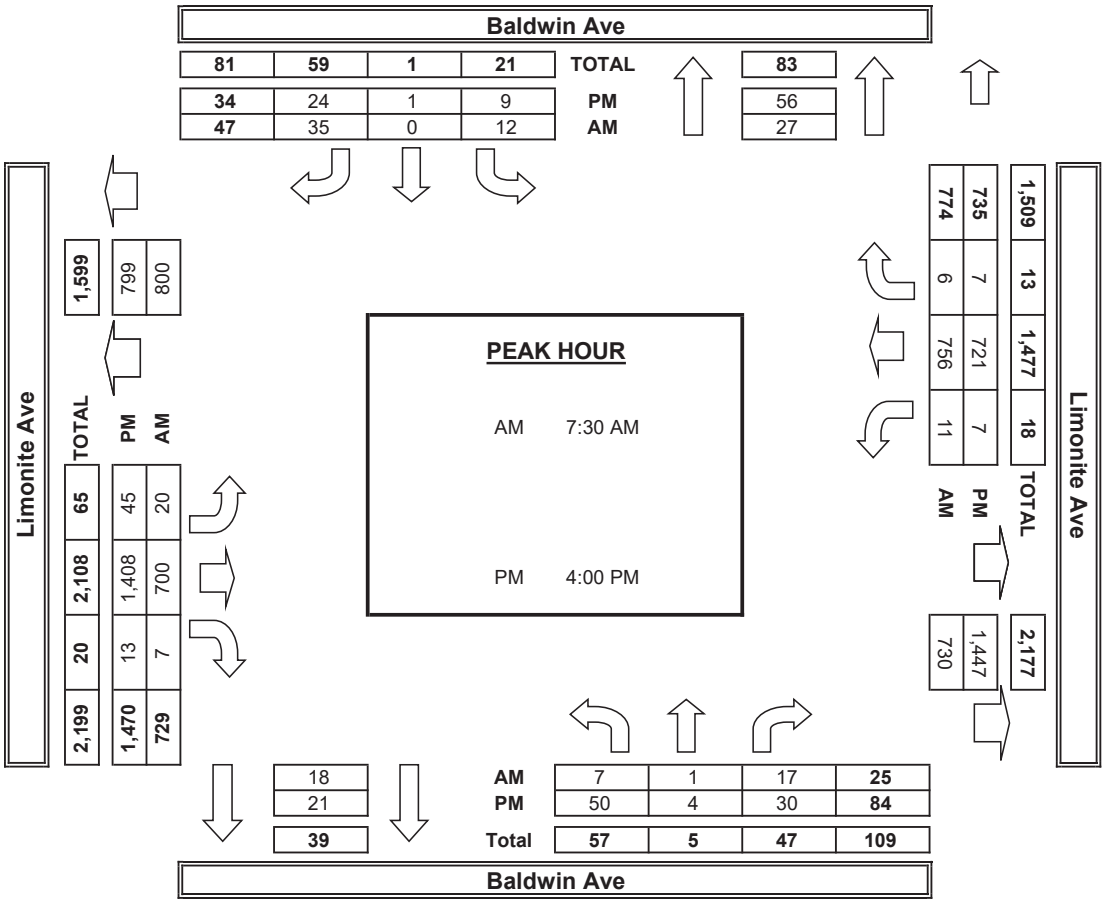
		NORTHBOUND Baldwin Ave			SOUTHBOUND Baldwin Ave			EASTBOUND Limonite Ave			WESTBOUND Limonite Ave				U-TURNS				
	LANES:	NL 0	NT 1	NR 0	SL 0	ST 1	SR 0	EL 1	ET 2	ER 0	WL 1	WT 2	WR 0	TOTAL	NB 0	SB 0	EB 0	WB 0	TTL
AM	6:30 AM	2	0	2	3	0	6	1	81	0	4	164	0	263	0	0	0	0	0
	6:45 AM	0	0	2	1	0	13	1	92	2	5	164	0	280	0	0	1	0	1
	7:00 AM	6	0	1	3	1	7	2	128	1	3	192	0	344	0	0	0	0	0
	7:15 AM	0	1	1	4	0	12	2	127	0	0	213	0	360	0	0	0	0	0
	7:30 AM	1	1	6	5	0	15	4	163	2	1	199	2	399	0	0	0	0	0
	7:45 AM	3	0	2	1	0	4	6	190	1	3	186	1	397	0	0	0	0	0
	8:00 AM	2	0	6	3	0	6	1	188	3	3	191	1	404	0	0	1	0	1
	8:15 AM	1	0	3	3	0	10	9	159	1	4	180	2	372	0	0	1	1	2
	8:30 AM	2	1	1	4	0	8	2	131	1	3	188	0	341	0	0	0	0	0
	8:45 AM	7	0	3	2	0	4	6	185	2	4	138	0	351	0	0	0	0	0
	VOLUMES	24	3	27	29	1	85	34	1,444	13	30	1,815	6	3,515	0	0	3	1	4
	APPROACH %	44%	6%	50%	25%	1%	74%	2%	97%	1%	2%	98%	0%						
	APP/DEPART	54	/	43	115	/	44	1,494	/	1,501	1,852	/	1,927	0					
	BEGIN PEAK HR		7:30 AM																
	VOLUMES	7	1	17	12	0	35	20	700	7	11	756	6	1,575	0	0	2	1	
	APPROACH %	28%	4%	68%	26%	0%	74%	3%	96%	1%	1%	98%	1%						
	PEAK HR FACTOR		0.781			0.588			0.925			0.958		0.972					
	APP/DEPART	25	/	27	47	/	18	729	/	730	774	/	800	0					
PM	3:30 PM	9	1	10	1	0	4	7	318	3	4	167	3	527	0	0	0	0	0
	3:45 PM	5	0	7	4	0	7	11	320	5	6	198	3	566	0	0	0	1	1
	4:00 PM	16	0	3	2	0	5	8	342	4	0	201	2	583	0	0	1	0	1
	4:15 PM	6	2	8	3	1	9	9	371	3	1	177	0	590	0	0	2	0	2
	4:30 PM	19	1	4	1	0	4	16	356	3	2	171	3	580	0	0	0	0	0
	4:45 PM	9	1	15	3	0	6	12	339	3	4	172	2	566	0	0	1	0	1
	5:00 PM	9	1	2	3	0	2	15	313	2	1	151	3	502	0	0	0	0	0
	5:15 PM	5	2	5	8	0	7	8	360	0	1	174	5	575	0	0	1	0	1
	5:30 PM	9	2	4	5	0	6	8	355	0	0	151	3	543	0	0	0	0	0
	5:45 PM	5	0	7	1	0	9	16	287	4	3	177	2	511	0	0	2	0	2
	VOLUMES	92	10	65	31	1	59	110	3,361	27	22	1,739	26	5,551	0	0	7	1	8
	APPROACH %	55%	6%	39%	34%	1%	65%	3%	96%	1%	1%	97%	1%						
	APP/DEPART	167	/	146	91	/	50	3,505	/	3,458	1,788	/	1,897	0					
	BEGIN PEAK HR		4:00 PM																
	VOLUMES	50	4	30	9	1	24	45	1,408	13	7	721	7	2,323	0	0	4	0	
	APPROACH %	60%	5%	36%	26%	3%	71%	3%	96%	1%	1%	98%	1%						
	PEAK HR FACTOR		0.840			0.654			0.955			0.883		0.981					
	APP/DEPART	84	/	56	34	/	21	1,470	/	1,447	735	/	799	0					



AimTD LLC

TURNING MOVEMENT COUNTS





Appendix E
24 Hour Roadway Segment Counts

Tuesday, January 27, 2026 CITY: Jurupa PROJECT: SC5850

ADT1 Limonite Ave west of Baldwin Ave. **Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB		WB			PM Period	EB		WB		
0:00	33		15			12:00	140		156		
0:15	25		12			12:15	163		157		
0:30	25		14			12:30	171		156		
0:45	24	107	13	54	161	12:45	158	632	151	620	1252
1:00	17		9			13:00	187		166		
1:15	10		14			13:15	183		149		
1:30	11		10			13:30	195		167		
1:45	11	49	15	48	97	13:45	191	756	167	649	1405
2:00	8		11			14:00	179		150		
2:15	11		18			14:15	246		196		
2:30	6		18			14:30	254		176		
2:45	15	40	18	65	105	14:45	263	942	216	738	1680
3:00	7		20			15:00	318		174		
3:15	13		35			15:15	344		182		
3:30	12		48			15:30	328		180		
3:45	15	47	52	155	202	15:45	336	1326	210	746	2072
4:00	21		64			16:00	355		223		
4:15	13		82			16:15	385		194		
4:30	29		126			16:30	375		194		
4:45	32	95	115	387	482	16:45	355	1470	188	799	2269
5:00	32		97			17:00	330		162		
5:15	41		118			17:15	369		187		
5:30	43		140			17:30	363		166		
5:45	54	170	118	473	643	17:45	309	1371	193	708	2079
6:00	65		128			18:00	271		158		
6:15	68		134			18:15	235		133		
6:30	82		172			18:30	171		167		
6:45	96	311	178	612	923	18:45	179	856	111	569	1425
7:00	131		205			19:00	168		117		
7:15	129		225			19:15	127		105		
7:30	169		215			19:30	124		107		
7:45	197	626	193	838	1464	19:45	114	533	119	448	981
8:00	193		200			20:00	115		78		
8:15	170		192			20:15	108		92		
8:30	134		198			20:30	115		64		
8:45	193	690	149	739	1429	20:45	107	445	72	306	751
9:00	135		155			21:00	97		63		
9:15	124		148			21:15	93		78		
9:30	130		139			21:30	77		52		
9:45	114	503	120	562	1065	21:45	75	342	59	252	594
10:00	129		115			22:00	63		53		
10:15	110		150			22:15	74		39		
10:30	121		134			22:30	43		49		
10:45	114	474	130	529	1003	22:45	49	229	42	183	412
11:00	115		148			23:00	42		31		
11:15	147		131			23:15	38		25		
11:30	145		154			23:30	24		24		
11:45	152	559	148	581	1140	23:45	23	127	19	99	226
Total Vol.		3671		5043	**8714**			9029		6117	**15146**

	Daily Totals EB	WB	**Combined**
	12700	11160	**23860**

	AM			**PM**		
Split %	42.1%	57.9%	**36.5%**	59.6%	40.4%	**63.5%**
Peak Hour	7:30	7:00	**7:30**	16:00	15:45	**15:45**
Volume	729	838	**1529**	1470	821	**2272**
P.H.F.	0.93	0.93	**0.97**	0.95	0.92	**0.98**

cs@aimtd.com Tell. 714 253 7888

Tuesday, January 27, 2026 CITY: Jurupa PROJECT: SC5850

ADT2 Limonite Ave east of Baldwin Ave. **Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB		WB			PM Period	EB		WB		
0:00	33		15			12:00	137		147		
0:15	23		11			12:15	158		145		
0:30	26		11			12:30	163		140		
0:45	20	102	11	48	150	12:45	143	601	139	571	1172
1:00	16		7			13:00	174		144		
1:15	9		14			13:15	178		143		
1:30	10		9			13:30	192		159		
1:45	11	46	15	45	91	13:45	188	732	157	603	1335
2:00	7		9			14:00	173		146		
2:15	11		17			14:15	244		192		
2:30	6		18			14:30	254		169		
2:45	14	38	17	61	99	14:45	257	928	197	704	1632
3:00	6		19			15:00	310		160		
3:15	14		34			15:15	340		172		
3:30	12		47			15:30	329		174		
3:45	16	48	53	153	201	15:45	332	1311	208	714	2025
4:00	20		64			16:00	347		203		
4:15	15		76			16:15	382		178		
4:30	29		116			16:30	361		176		
4:45	34	98	113	369	467	16:45	357	1447	178	735	2182
5:00	33		90			17:00	318		155		
5:15	44		116			17:15	373		180		
5:30	44		131			17:30	364		154		
5:45	60	181	118	455	636	17:45	295	1350	182	671	2021
6:00	67		130			18:00	255		147		
6:15	68		129			18:15	229		131		
6:30	86		168			18:30	161		163		
6:45	95	316	169	596	912	18:45	172	817	105	546	1363
7:00	132		195			19:00	161		113		
7:15	132		213			19:15	125		96		
7:30	174		202			19:30	121		104		
7:45	193	631	190	800	1431	19:45	108	515	114	427	942
8:00	197		195			20:00	113		80		
8:15	166		187			20:15	100		93		
8:30	136		191			20:30	112		60		
8:45	190	689	142	715	1404	20:45	98	423	65	298	721
9:00	136		142			21:00	95		60		
9:15	122		143			21:15	86		70		
9:30	130		134			21:30	72		51		
9:45	106	494	112	531	1025	21:45	72	325	57	238	563
10:00	134		105			22:00	60		50		
10:15	113		140			22:15	69		40		
10:30	117		132			22:30	44		47		
10:45	116	480	126	503	983	22:45	49	222	42	179	401
11:00	118		145			23:00	42		31		
11:15	140		124			23:15	37		25		
11:30	140		151			23:30	23		24		
11:45	146	544	134	554	1098	23:45	23	125	18	98	223
Total Vol.		3667		4830	**8497**			8796		5784	**14580**

Daily Totals	EB	WB	**Combined**
	12463	10614	**23077**

	AM			**PM**		
Split %	43.2%	56.8%	**36.8%**	60.3%	39.7%	**63.2%**
Peak Hour	7:30	7:00	**7:30**	16:00	15:45	**15:45**
Volume	730	800	**1504**	1447	765	**2187**
P.H.F.	0.93	0.94	**0.96**	0.95	0.92	**0.98**

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