December 17, 2020

Ms. Cheryl Tubbs, Vice-President
LILBURN CORPORATION
1905 Business Center Drive
San Bernardino, California 92408

RE: 14835 San Bernardino Equipment Yard Trip Generation & Vehicle Miles Traveled Screening Analysis 19323

Dear Ms. Tubbs:

INTRODUCTION

Ganddini Group, Inc. is pleased to provide this Trip Generation & Vehicle Miles Traveled Screening Analysis for the proposed 14835 San Bernardino Equipment Yard project. The trip generation analysis includes the comparison of the County of San Bernardino approved land-use development code to the proposed additional land-use amendment to document the number of trips forecast to be generated by the proposed amendment adheres to the previously approved land-use trip generation. We trust the findings of this analysis will aid you and the County of San Bernardino in assessing the project.

GENERAL PLAN AMENDMENT DESCRIPTION

The Oft Family Corporation ("Project Applicant") has submitted a request to the County of San Bernardino for a General Plan Amendment (GPA) from RS (Single-Residential) and RM (Multiple Residential) to SC-COM (Special Development – Commercial) on 17.83 acres (19 parcels). The area is currently occupied by legal non-conforming commercial uses and single-family residences. The proposed GPA and ZC is located on the south side of San Bernardino Avenue, west of Live Oak Avenue, east of Redwood Avenue and north of El Molino Street (APNs 0234-121-02 to 0234-121-21). Figure 1 and Figure 2 show the regional vicinity map and project location map, respectively.

The proposed GPA would include the proposed redevelopment of on five parcels and no change to the additional 14 parcels west of the proposed redevelopment which are currently occupied by legal non-conforming commercial uses and single-family residences. The proposed project site plan is illustrated on Figure 3.

PROJECT DESCRIPTION

The proposed Zoning Code Amendment and a Conditional Use Permit (CUP) to allow for the redevelopment of on five parcels (APNs 0234-121-14, 15, 16, 18 and 19) totaling approximately 8.1-acre site is located at 14835 San Bernardino Avenue in the County of San Bernardino. The proposed project consists of construction and operation of an equipment and automobile storage yard including conversion of and demolition of on-site structures. Two (2) structures (a single-family residence and garage) would be converted to office space and the remaining seven (7) structures (three single-family residences, three garages and a

large shed) would be demolished to allow for the proposed development. Vehicular access to the site is proposed by a new 40-foot driveway on Live Oak Avenue.

TRIP GENERATION

The trip generation is based upon trip generation rates obtained from the Institute of Transportation Engineers (ITE) Trip Generation Manual (10th Edition, 2017). Based on the ITE land use descriptions, trip generation rates for Land Use Codes ITE 210 – Single Family Detached Residential, ITE 818 -Nursery (Wholesale), and ITE 942 – Automobile Care Center were determined to adequately describe the previous and existing land uses and were selected for this analysis. The number of trips forecast to be generated by the proposed project are determined by multiplying the trip generation rates and directional distribution by the land use quantities.

Contractor Equipment and Storage Yard

Since the Institute of Transportation Engineers (ITE) Trip Generation Manual (10th Edition, 2017) does not include data for contractor equipment and storage yard facilities, trip rates were derived from counts of the existing contractor equipment and storage yard facility in the City of Fontana. The inbound/outbound traffic counts from the contractor equipment and storage yard were conducted on three (3) consecutive 24-hour weekdays to determine the average trips for the AM peak hour, PM peak hour and daily trip generation for this land-use during typical weekday conditions. See Attachment A for contractor equipment and storage yard driveway inbound and outbound count worksheets.

Table 1 shows a summary of the contractor equipment and storage yard average weekday counts and the trip generation developed for this land uses based on the current acreage in use. Additionally, the project generated truck trips have been converted to Passenger Car Equivalent (PCE) trips based on PCE factors recommended by the County of San Bernardino Congestion Management Program based on PCE factors (1.5 PCEs for 2-axle trucks, 2.0 PCEs for 3-axle trucks, and 3.0 PCEs for trucks with 4 or more axles).

PROJECT TRIPS

The number of trips associated with buildout pursuant to the General Plan zoning code (both current Plan and proposed Plan) is determined by multiplying an appropriate trip generation rate by the appropriate residential density.

Table 2 shows the project trip generation forecast based upon trip generation rates obtained from the Institute of Transportation Engineers, Trip Generation Manual, 10th Edition, 2017 and count based trip generation for the proposed Contractor Equipment and Storage Yard. Trip generation rates were determined for daily trips and AM/PM peak hour trips for the currently approved and proposed amended land uses.

The number of trips forecast to be generated by the currently approved land use are determined by multiplying the trip generation rates of single family residential by the number of dwellings permitted at the currently zoned density for 8.1-acre at 4.5 dwellings/acre. The number of trips forecast to be generated by the proposed amended land use are determined by multiplying the trip generation rates by 8.1-acres.

The key variable for estimating trip generation associated with contractor equipment and storage yard use is to compute the number of vehicle trips as well as the PCE trips. As shown in Table 2, the proposed project is forecast to generate approximately 98 daily (PCE) trips, including 14 (PCE) trips during the AM peak hour and 6 (PCE) trips during the PM peak hour.

LAND USE COMPARISON

A trip generation comparison has been conducted between the current and proposed Land Use Development Codes for the 8.1-acre General Plan Amendment. The net trip generation difference of build-out projections between the current, the approved and proposed Development Code is shown in vehicles as well as passenger car equivalent.

As shown in Table 1, the maximum allowable currently approved residential land use is forecast to generate a total of approximately 340 daily trips, including 27 trips during the AM peak hour and 36 trips during the PM peak hour. Table 1 also shows the maximum allowable proposed amended Contractor Equipment and Storage Yard land use is forecast to generate a total of approximately 98 daily (PCE) trips, including 14 (PCE) trips during the AM peak hour and 6 (PCE) peak hour.

As shown in Table 2, the net trip generation difference of build-out projections between the current and proposed Development Code is forecast to result in a decrease of approximately 242 fewer daily trips including 13 fewer trips during the AM peak hour and 30 fewer trips during the PM peak hour.

CRITERIA FOR THE PREPARATION OF TRAFFIC IMPACT ANALYSES

According to the County of San Bernardino Transportation Impact Study Guidelines, July 2019 [TIA Guidelines], certain types of projects, because of their size, nature, or location, are exempt from the requirement of preparing a traffic impact analysis.

Level of Service (LOS) Analysis

The County of San Bernardino has established guidelines for Level of Service (LOS) impact for General Plan operational compliance. As specified in the County of San Bernardino TIS Guidelines, the requirement to prepare a transportation impact study (with Level of Service analysis) should be based on the following criteria:

- Any project that generates more than 100 or more trips without consideration of pass-by trip reductions during any peak hour.
- Any project that is located within 300 feet of intersection of two streets designated as Collector or higher on the County's General Plan circulation system.
- Any project which has the potential to generate VMT that could result in a transportation significant impact.

The proposed project is forecast to generate significantly less than 50 peak hour trips. Therefore, further traffic analysis should not be necessary for the proposed project.

Vehicle Miles Traveled (VMT) Analysis

The County of San Bernardino has established guidelines for Vehicle Miles Traveled (VMT) impact for CEQA compliance. The VMT assessment has been prepared in accordance with methodology established in the San Bernardino County TIS Guidelines, which has been developed from recommendations contained in the Office of Planning and Research (OPR) Technical Advisory on Evaluating Transportation Impacts in CEQA (State of California, December 2018) ["OPR Technical Advisory"]. The TIA Preparation Guide identify screening criteria

for certain types of projects that typically reduce VMT and may be presumed to result in a less than significant VMT impact. They are as follows:

- Projects consisting of local servicing land use
- Projects with less than 110 daily vehicle trips (ADT)
- Projects located within a Transit Priority Area (TPA)
- Projects located within a low VMT area

The proposed project can be presumed to result in a less than significant VMT impact under the screening criteria for projects within a low VMT area and for projects within a TPA, based on the results of the SBCTA VMT screening tool. See Attachment B for SBCTA VMT screening tool output.

CONCLUSION

Based on a comparison of maximum allowable development between the currently approved residential land use for parcels (APNs 0234-121-14, 15, 16, 18 and 19) and the proposed amendment to allow special development – commercial land uses (contractor equipment and storage yard), the proposed General Plan Amendment is forecast result in a <u>decrease</u> of approximately 242 fewer daily trips and including 13 fewer trips during the AM peak hour and 30 fewer trips during the PM peak hour.

The proposed project involves development of commercial space below the project type screening thresholds for daily trips. Therefore, the project VMT impact may be presumed less than significant based on the Traffic Impact Study Guidelines, as adopted by the County of San Bernardino, and criteria for Categorical Exemption under CEQA.

We appreciate the opportunity to assist you on this project. Should you have any questions or if we can be of further assistance, please do not hesitate to call at (714) 795-3100 x 103.

Sincerely,

GANDDINI GROUP, INC.

Perrie Ilercil, P.E. (AZ)
Senior Engineer

Giancarlo Ganddini, PE, PTP
Principal

Table 1
Observed Site Trip Generation Rates Estimated Based on Traffic Count Data

Contractor Equipment and Storage Yard Operational Characteristics - 14893 San Bernardino Avenue, Fontana, CA	
Number of Acres	8

Observed Traffic Count Summary (3-Day Average)[1]							
	AM Peak Hour			PM Peak Hour			
Trip Type	Entering	Exiting	Total	Entering	Exiting	Total	Daily
Passenger Vehicle	2	4	6	2	4	6	51
Large 2-Axel	1	1	2	0	0	0	10
3-Axel	1	0	1	0	0	0	3
4-Axel	1	0	1	0	0	0	5
5-Axel+	0	0	0	0	0	0	5
Total Vehicle Trips	5	5	10	2	4	6	74

Observed Site Trip Generation Rates Based on Traffic Count Data (in Vehicle Trips)								
		AM Peak Hour			PM Peak Hour			Daily
Trip Type	Unit[2]	In	Out	Total	In	Out	Total	
Passenger Car	AC	0.25	0.50	0.75	0.25	0.50	0.75	6.38
Truck (2 axle)	AC	0.13	0.12	0.25	0.00	0.00	0.00	1.25
Truck (3 axle)	AC	0.13	0.00	0.13	0.00	0.00	0.00	0.38
Truck-Trailer (4+ axle)	AC	0.13	0.00	0.13	0.00	0.00	0.00	1.25
Total Trips by Vehicle		0.64	0.62	1.26	0.25	0.50	0.75	9.26
Trip Generation in Vehicles		51%	49%	1.26	33%	67%	0.75	9.26

Observed Site Trip Generation Rates Based on Traffic Count Data (in Vehicle Trips)									
			AM Peak Hour			PM Peak Hour			Daily
Trip Type	PCE[3]	Unit[2]	In	Out	Total	In	Out	Total	
Passenger Car	1.0	PCE	0.25	0.50	0.75	0.25	0.50	0.75	6.38
Truck (2 axle)	1.5	PCE	0.20	0.18	0.38	0.00	0.00	0.00	1.88
Truck (3 axle)	2.0	PCE	0.26	0.00	0.26	0.00	0.00	0.00	0.76
Truck-Trailer (4+ axle)	2.5	PCE	0.33	0.00	0.33	0.00	0.00	0.00	3.13
Total Trips by PCE			1.04	0.68	1.72	0.25	0.50	0.75	12.15
Trip Generation in PCE			60%	40%	1.72	33%	67%	0.75	12.15

Notes:

[1] Observed 24-Hour and peak hour site traffic count summary at site Tuesday to Thursday (December 1, 2 and 3, 2020).

[2] AC= Acres; EMP = Employees; PCE= Passenger Car Equivalent.

[3] Truck trips have been converted to Passenger Car Equivalent (PCE) trips based on PCE factors recommended by the County of San Bernardino Congestion Management Program based on PCE factors (1.5 PCEs for 2-axle trucks, 2.0 PCEs for 3-axle trucks, and 3.0 PCEs for trucks with 4 or more axles).

Table 2
Proposed Zoning Amendment Trip Generation Comparison

Trip Generation Rates									
			AM Peak Hour			PM Peak Hour			Daily Rate
Land Use	Source[1]	Units[2]	% In	% Out	Rate	% In	% Out	Rate	
Residential									
Single-Family Detached Housing	ITE 210	DU	25%	75%	0.74	63%	37%	0.99	9.44
Special Development - Commercial									
Nursery (Wholesale)	ITE 818[a]	AC	43%	57%	0.26	49%	51%	0.45	19.50
Vehicle Care Center	ITE 942 [b]	TSF	66%	34%	2.25	48%	52%	3.11	22.40
Contractor Equipment and Storage Yard	Counts[c]	VEH/AC	51%	49%	1.26	33%	67%	0.75	9.26
Contractor Equipment and Storage Yard	Counts[d]	PCE/AC	60%	40%	1.72	33%	67%	0.75	12.15

Trips Generated								
			AM Peak Hour			PM Peak Hour		
Land Use	Quantity	Units[2]	In	Out	Total	In	Out	Total	Daily
Previous Existing Uses									
Single-Family Detached Housing	4	DU	1	2	3	2	2	4	38
Nursery (Wholesale)	4.0	AC	0	1	1	1	1	2	78
Vehicle Care Center	1.675	TSF	2	2	4	3	2	5	38
Subtotal - Currently Existing Uses			3	5	8	6	5	11	154
Currently Approved Land Use[3]									
Single-Family Detached Housing	36	DU	7	20	27	22	14	36	340
Proposed Permitted Land Use									
Contractor Equipment and Storage Yard	8.1	VEH/AC	5	5	10	2	4	6	75
Contractor Equipment and Storage Yard	8.1	PCE/AC	8	6	14	2	4	6	98
NET DIFFERENCE TRIPS GENERATED (for VMT)									
Proposed Permitted Use vs Existing Uses		VEH	2	0	2	-4	-1	-5	-79
Proposed Permitted Use vs Approved Use		VEH	-2	-15	-17	-20	-10	-30	-265
NET DIFFERENCE TRIPS GENERATED (for LOS)									
Proposed Permitted Use vs Existing Uses		PCE	5	1	6	-4	-1	-5	-56
Proposed Permitted Use vs Approved Use		PCE	1	-14	-13	-20	-10	-30	-242

Notes:

(1) Source: ITE = Institute of Transportation Engineers, Trip Generation Manual, 10th Edition, 2017; ### = Land Use Code

   [a] Land Use Code ITE 818 (Wholesale Nursery) the PM inbound-outbount distribution, not included with ITE data, uses PM distribution from ITE 817 (Retail Nursery).

   [b] Land Use Code ITE 942 (Vehicle Care Center) the weekday daily value, not included with ITE data, uses PM to daily ratio of ITE 943 (Automobile Parts & Service Center) to calculate appropriate daily value.

   [c] Contractor Equipment and Storage Yard trip generation determined by counts. See Table 1 for Trip Generation Table.

   [d] Contractor Equipment and Storage Yard trip generation determined by counts. Classified counts converted to PCE values. See Table 1 for Trip Generation Table.

(2) DU = Dwellin Units; AC = Acres; TSF = Thousand Square Feet; VEH = Vehicles; PCE = Passenger Car Equivalent.

(3) Currently approved residential zoning of RS has a permissible density of 4.5 dwellings per acre. This maximum number of homes at this density is used for this comparison.

ganddini

Figure 1
Regional Vicinity Map

LIVE OAK AVE

SAN BERNARDINO AVE

Site

N
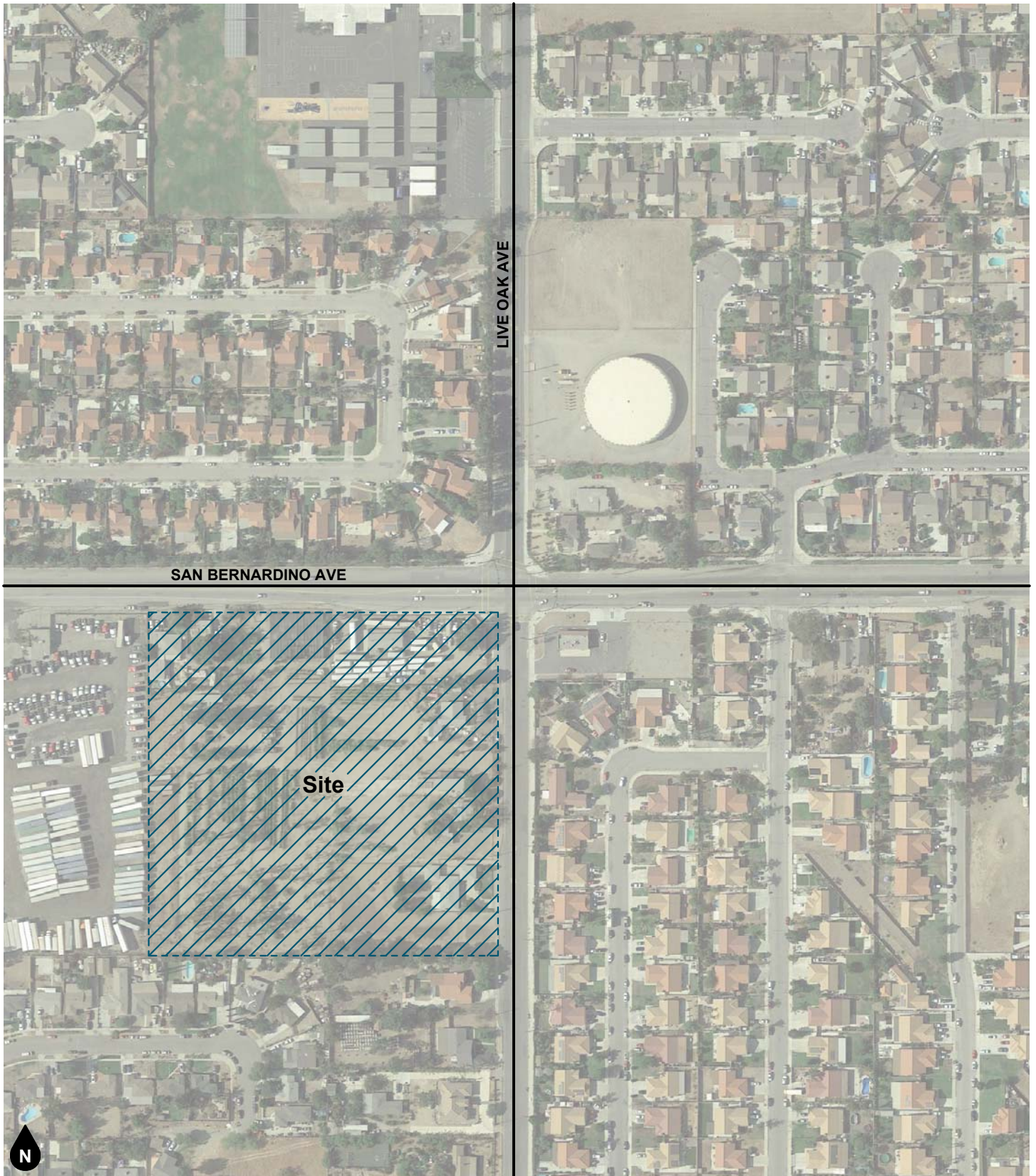
Figure 2
Project Location Map

Figure 3
Site Plan

14835 San Bernardino Equipment Yard
Trip Generation & Vehicle Miles Traveled Screening Analysis
19323

ATTACHMENT A

COUNTS

Contractor Parking Lot Traffic Count Data

City:	Fontana		Date:	12/1/2020
Location:	14893 San Bernardino Avenue		Count Type:	Classification

ENTERING

Time	Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Entering Total	Entering Hourly
12:00 AM						0	
12:15 AM						0	
12:30 AM						0	0
12:45 AM						0	
1:00 AM						0	
1:15 AM						0	
1:30 AM						0	0
1:45 AM						0	
2:00 AM						0	
2:15 AM						0	
2:30 AM	2					2	2
2:45 AM						0	
3:00 AM						0	
3:15 AM						0	
3:30 AM						0	0
3:45 AM						0	
4:00 AM						0	
4:15 AM						0	
4:30 AM						0	0
4:45 AM						0	
5:00 AM						0	
5:15 AM	1					1	
5:30 AM	2					2	3
5:45 AM						0	
6:00 AM						0	
6:15 AM					1	1	
6:30 AM						0	3
6:45 AM	2					2	
7:00 AM	1					1	
7:15 AM						0	
7:30 AM						0	1
7:45 AM						0	
8:00 AM	2					2	
8:15 AM						0	
8:30 AM	1					1	3
8:45 AM						0	
9:00 AM	1					1	
9:15 AM		1	1			2	
9:30 AM						0	6
9:45 AM	1	2				3	
10:00 AM						0	
10:15 AM						0	
10:30 AM		1				1	1
10:45 AM						0	
11:00 AM	2					2	
11:15 AM		1				1	
11:30 AM					1	1	4
11:45 AM						0	
12:00 PM	1					1	
12:15 PM	1	1				2	
12:30 PM	3					3	8
12:45 PM					2	2	
1:00 PM						0	
1:15 PM		1				1	
1:30 PM						0	1
1:45 PM						0	
2:00 PM	1					1	
2:15 PM	3					3	5
2:30 PM				1		1	

EXITING

Time	Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Exiting Total	Exiting Hourly
12:00 AM						0	
12:15 AM						0	
12:30 AM						0	0
12:45 AM						0	
1:00 AM						0	
1:15 AM						0	
1:30 AM						0	0
1:45 AM						0	
2:00 AM						0	
2:15 AM						0	
2:30 AM						0	0
2:45 AM						0	
3:00 AM			2			2	
3:15 AM						0	
3:30 AM						0	2
3:45 AM						0	
4:00 AM						0	
4:15 AM						0	
4:30 AM						0	0
4:45 AM						0	
5:00 AM						0	
5:15 AM						0	
5:30 AM						0	0
5:45 AM						0	
6:00 AM				1	1	2	
6:15 AM						0	
6:30 AM	1					1	3
6:45 AM						0	
7:00 AM	1			1	1	3	
7:15 AM	1					1	
7:30 AM						0	5
7:45 AM	1					1	
8:00 AM	1					1	
8:15 AM	2					2	
8:30 AM						0	4
8:45 AM	1					1	
9:00 AM	1					1	
9:15 AM		1				1	
9:30 AM						0	3
9:45 AM			1			1	
10:00 AM	1					1	
10:15 AM						0	
10:30 AM						0	2
10:45 AM		1				1	
11:00 AM	1					1	
11:15 AM						0	
11:30 AM	2					2	3
11:45 AM						0	
12:00 PM		2				2	
12:15 PM		1			1	2	
12:30 PM	2	1				3	7
12:45 PM						0	
1:00 PM						0	
1:15 PM						0	
1:30 PM	2					2	4
1:45 PM	2					2	
2:00 PM	1	1				2	
2:15 PM	1					1	4
2:30 PM	1					1	

AM PEAK (7:00 AM – 8:45 AM)

Midday (12:00 PM – 12:45 PM)

Contractor Parking Lot Traffic Count Data

City:	Fontana		Date:	12/1/2020
Location:	14893 San Bernardino Avenue		Count Type:	Classification

ENTERING

Time	Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Entering Total	Entering Hourly
2:45 PM						0	
3:00 PM				2		2	
3:15 PM						0	
3:30 PM						0	3
3:45 PM				1		1	
4:00 PM						0	
4:15 PM	1					1	
4:30 PM	1					1	2
4:45 PM						0	
5:00 PM						0	
5:15 PM						0	0
5:30 PM						0	
5:45 PM						0	
6:00 PM						0	
6:15 PM						0	0
6:30 PM						0	
6:45 PM						0	
7:00 PM						0	
7:15 PM						0	0
7:30 PM						0	
7:45 PM						0	
8:00 PM						0	
8:15 PM						0	0
8:30 PM						0	
8:45 PM						0	
9:00 PM						0	
9:15 PM						0	1
9:30 PM						0	
9:45 PM	1					1	
10:00 PM	1					1	
10:15 PM						0	1
10:30 PM						0	
10:45 PM						0	
11:00 PM						0	
11:15 PM						0	1
11:30 PM	1					1	
11:45 PM						0	

PM PEAK

EXITING

Time	Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Exiting Total	Exiting Hourly
2:45 PM						0	
3:00 PM	1			1		2	
3:15 PM	1					1	
3:30 PM						0	3
3:45 PM						0	
4:00 PM						0	
4:15 PM	1					1	
4:30 PM						0	1
4:45 PM						0	
5:00 PM						0	
5:15 PM	3					3	3
5:30 PM						0	
5:45 PM						0	
6:00 PM	1					1	
6:15 PM						0	1
6:30 PM						0	
6:45 PM						0	
7:00 PM						0	
7:15 PM						0	1
7:30 PM	1					1	
7:45 PM						0	
8:00 PM						0	
8:15 PM						0	0
8:30 PM						0	
8:45 PM						0	
9:00 PM						0	
9:15 PM						0	0
9:30 PM						0	
9:45 PM						0	
10:00 PM						0	
10:15 PM						0	0
10:30 PM						0	
10:45 PM						0	
11:00 PM	1					1	
11:15 PM						0	1
11:30 PM						0	
11:45 PM						0	

ENTERING: 24-H TOTALS

Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Entering Total
29	7	1	4	4	45

EXITING: 24-H TOTALS

Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Exiting Total
31	7	3	3	3	47

TOTAL DAILY IN/OUT

92

City:	Fontana	Date:	12/2/2020
Location:	14893 San Bernardino Avenue	Count Type:	Classification

ENTERING

Time	Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Entering Total	Entering Hourly
12:00 AM						0	
12:15 AM						0	0
12:30 AM						0	
12:45 AM						0	
1:00 AM						0	
1:15 AM						0	0
1:30 AM						0	
1:45 AM						0	
2:00 AM						0	
2:15 AM						0	0
2:30 AM						0	
2:45 AM						0	
3:00 AM	1					1	
3:15 AM						0	1
3:30 AM						0	
3:45 AM						0	
4:00 AM						0	
4:15 AM						0	1
4:30 AM						0	
4:45 AM	1					1	
5:00 AM						0	
5:15 AM						0	2
5:30 AM	2					2	
5:45 AM						0	
6:00 AM						0	
6:15 AM						0	2
6:30 AM	1					1	
6:45 AM	1					1	
7:00 AM	1					1	
7:15 AM		2				2	3
7:30 AM						0	
7:45 AM						0	
8:00 AM	1			1		2	
8:15 AM						0	4
8:30 AM		1				1	
8:45 AM			1			1	
9:00 AM						0	
9:15 AM	1					1	2
9:30 AM						0	
9:45 AM		1				1	
10:00 AM						0	
10:15 AM						0	2
10:30 AM		1				1	
10:45 AM	1					1	
11:00 AM				1	1	2	
11:15 AM	1					1	4
11:30 AM	1					1	
11:45 AM						0	
12:00 PM	1				1	2	
12:15 PM						0	3
12:30 PM	1					1	
12:45 PM						0	
1:00 PM	1					1	
1:15 PM	1					1	3
1:30 PM	1					1	
1:45 PM						0	
2:00 PM						0	
2:15 PM	1					1	2
2:30 PM	1					1	

EXITING

Time	Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Exiting Total	Exiting Hourly
12:00 AM						0	
12:15 AM						0	0
12:30 AM						0	
12:45 AM						0	
1:00 AM						0	
1:15 AM						0	0
1:30 AM						0	
1:45 AM						0	
2:00 AM						0	
2:15 AM						0	0
2:30 AM						0	
2:45 AM						0	
3:00 AM						0	
3:15 AM						0	0
3:30 AM						0	
3:45 AM						0	
4:00 AM						0	
4:15 AM						0	0
4:30 AM						0	
4:45 AM						0	
5:00 AM			1			1	
5:15 AM						0	1
5:30 AM						0	
5:45 AM						0	
6:00 AM				1	1	2	
6:15 AM						0	3
6:30 AM						0	
6:45 AM	1					1	
7:00 AM						0	
7:15 AM				1		1	3
7:30 AM						0	
7:45 AM		2				2	
8:00 AM						0	
8:15 AM						0	5
8:30 AM	2					2	
8:45 AM	2	1				3	
9:00 AM	1					1	
9:15 AM						0	1
9:30 AM						0	
9:45 AM						0	
10:00 AM		1				1	
10:15 AM						0	1
10:30 AM						0	
10:45 AM						0	
11:00 AM		1				1	
11:15 AM	1					1	3
11:30 AM						0	
11:45 AM	1					1	
12:00 PM	2					2	
12:15 PM	1					1	3
12:30 PM						0	
12:45 PM						0	
1:00 PM	1				1	2	
1:15 PM						0	5
1:30 PM						0	
1:45 PM	3					3	
2:00 PM						0	
2:15 PM						0	1
2:30 PM						0	

AM PEAK (8:45 AM) — Midday (9:15 AM)

City:	Fontana		Date:	12/2/2020
Location:	14893 San Bernardino Avenue		Count Type:	Classification

ENTERING

Time	Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Entering Total	Entering Hourly
2:45 PM						0	
3:00 PM				1		1	
3:15 PM	1					1	3
3:30 PM						0	
3:45 PM	1					1	
4:00 PM						0	
4:15 PM						0	2
4:30 PM						0	
4:45 PM	2					2	
5:00 PM						0	
5:15 PM						0	0
5:30 PM						0	
5:45 PM						0	
6:00 PM						0	
6:15 PM						0	0
6:30 PM						0	
6:45 PM						0	
7:00 PM						0	
7:15 PM						0	0
7:30 PM						0	
7:45 PM						0	
8:00 PM						0	
8:15 PM	1					1	4
8:30 PM	3					3	
8:45 PM						0	
9:00 PM						0	
9:15 PM						0	1
9:30 PM						0	
9:45 PM	1					1	
10:00 PM						0	
10:15 PM						0	0
10:30 PM						0	
10:45 PM						0	
11:00 PM						0	
11:15 PM						0	0
11:30 PM						0	
11:45 PM						0	

PM PEAK

EXITING

Time	Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Exiting Total	Exiting Hourly
2:45 PM	1					1	
3:00 PM						0	
3:15 PM						0	0
3:30 PM						0	
3:45 PM						0	
4:00 PM				1		1	
4:15 PM						0	4
4:30 PM	1					1	
4:45 PM	2					2	
5:00 PM						0	
5:15 PM	2					2	2
5:30 PM						0	
5:45 PM						0	
6:00 PM						0	
6:15 PM						0	0
6:30 PM						0	
6:45 PM						0	
7:00 PM						0	
7:15 PM	2					2	3
7:30 PM	1					1	
7:45 PM						0	
8:00 PM						0	
8:15 PM						0	1
8:30 PM						0	
8:45 PM	1					1	
9:00 PM						0	
9:15 PM						0	0
9:30 PM						0	
9:45 PM						0	
10:00 PM						0	
10:15 PM						0	1
10:30 PM			1			1	
10:45 PM						0	
11:00 PM						0	
11:15 PM						0	0
11:30 PM						0	
11:45 PM						0	

ENTERING: 24-H TOTALS

Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Entering Total
28	5	1	3	2	39

EXITING: 24-H TOTALS

Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Exiting Total
25	5	2	3	2	37

TOTAL DAILY IN/OUT
76

City:	Fontana		Date:	12/3/2020
Location:	14893 San Bernardino Avenue		Count Type:	Classification

ENTERING							
Time	Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Entering Total	Entering Hourly
12:00 AM						0	
12:15 AM						0	1
12:30 AM						0	
12:45 AM	1					1	
1:00 AM						0	
1:15 AM						0	0
1:30 AM						0	
1:45 AM						0	
2:00 AM						0	
2:15 AM						0	0
2:30 AM						0	
2:45 AM						0	
3:00 AM						0	
3:15 AM						0	0
3:30 AM						0	
3:45 AM						0	
4:00 AM						0	
4:15 AM						0	0
4:30 AM						0	
4:45 AM						0	
5:00 AM						0	
5:15 AM	1					1	1
5:30 AM						0	
5:45 AM						0	
6:00 AM						0	
6:15 AM			1			1	1
6:30 AM						0	
6:45 AM						0	
7:00 AM	1					1	
7:15 AM						0	1
7:30 AM						0	
7:45 AM						0	
8:00 AM		1				1	
8:15 AM						0	2
8:30 AM						0	
8:45 AM	1					1	
9:00 AM						0	
9:15 AM						0	0
9:30 AM						0	
9:45 AM						0	
10:00 AM						0	
10:15 AM						0	1
10:30 AM	1					1	
10:45 AM						0	
11:00 AM	1					1	
11:15 AM						0	1
11:30 AM						0	
11:45 AM						0	
12:00 PM						0	
12:15 PM						0	1
12:30 PM	1					1	
12:45 PM						0	
1:00 PM					1	1	
1:15 PM	2					2	4
1:30 PM						0	
1:45 PM	1					1	
2:00 PM						0	
2:15 PM						0	0
2:30 PM						0	

EXITING							
Time	Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Exiting Total	Exiting Hourly
12:00 AM						0	
12:15 AM	1					1	1
12:30 AM						0	
12:45 AM						0	
1:00 AM						0	
1:15 AM						0	0
1:30 AM						0	
1:45 AM						0	
2:00 AM						0	
2:15 AM						0	0
2:30 AM						0	
2:45 AM						0	
3:00 AM						0	
3:15 AM						0	0
3:30 AM						0	
3:45 AM						0	
4:00 AM						0	
4:15 AM						0	0
4:30 AM						0	
4:45 AM						0	
5:00 AM						0	
5:15 AM						0	0
5:30 AM						0	
5:45 AM						0	
6:00 AM						0	
6:15 AM			1			1	1
6:30 AM						0	
6:45 AM						0	
7:00 AM						0	
7:15 AM		1				1	1
7:30 AM						0	
7:45 AM						0	
8:00 AM						0	
8:15 AM	1					1	3
8:30 AM	1					1	
8:45 AM	1					1	
9:00 AM						0	
9:15 AM						0	0
9:30 AM						0	
9:45 AM						0	
10:00 AM						0	
10:15 AM						0	2
10:30 AM		1				1	
10:45 AM	1					1	
11:00 AM						0	
11:15 AM						0	0
11:30 AM						0	
11:45 AM						0	
12:00 PM						0	
12:15 PM	1					1	2
12:30 PM	1					1	
12:45 PM						0	
1:00 PM						0	
1:15 PM						0	2
1:30 PM				1		1	
1:45 PM	1					1	
2:00 PM						0	
2:15 PM	1					1	2
2:30 PM	1					1	

AM PEAK (Entering 8:00–8:45 AM; Exiting 8:00–8:45 AM)

Midday (Entering 1:00–1:45 PM; Exiting 1:00–1:45 PM)

Apx-6

City:	Fontana		Date:	12/3/2020
Location:	14893 San Bernardino Avenue		Count Type:	Classification

ENTERING

Time	Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Entering Total	Entering Hourly
2:45 PM						0	
3:00 PM						0	
3:15 PM	1					1	
3:30 PM						0	
3:45 PM				1		1	2
4:00 PM						0	
4:15 PM						0	
4:30 PM	1					1	1
4:45 PM						0	
5:00 PM						0	
5:15 PM						0	
5:30 PM						0	1
5:45 PM	1					1	
6:00 PM						0	
6:15 PM	1	1				2	
6:30 PM						0	3
6:45 PM	1					1	
7:00 PM						0	
7:15 PM						0	
7:30 PM						0	0
7:45 PM						0	
8:00 PM						0	
8:15 PM						0	
8:30 PM	1					1	1
8:45 PM						0	
9:00 PM	1					1	
9:15 PM						0	
9:30 PM	1					1	3
9:45 PM	1					1	
10:00 PM	1					1	
10:15 PM						0	
10:30 PM						0	1
10:45 PM						0	
11:00 PM						0	
11:15 PM						0	
11:30 PM						0	0
11:45 PM						0	

PM PEAK (4:00 PM – 5:45 PM)

EXITING

Time	Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Exiting Total	Exiting Hourly
2:45 PM						0	
3:00 PM						0	
3:15 PM	1					1	1
3:30 PM						0	
3:45 PM						0	
4:00 PM	1					1	
4:15 PM						0	
4:30 PM						0	1
4:45 PM						0	
5:00 PM	1					1	
5:15 PM	1					1	
5:30 PM						0	2
5:45 PM						0	
6:00 PM						0	
6:15 PM	1					1	
6:30 PM						0	2
6:45 PM	1					1	
7:00 PM						0	
7:15 PM						0	
7:30 PM						0	1
7:45 PM		1				1	
8:00 PM	1					1	
8:15 PM						0	
8:30 PM						0	1
8:45 PM						0	
9:00 PM						0	
9:15 PM	1					1	
9:30 PM						0	2
9:45 PM	1					1	
10:00 PM						0	
10:15 PM	1					1	1
10:30 PM						0	
10:45 PM						0	
11:00 PM						0	
11:15 PM						0	
11:30 PM						0	0
11:45 PM						0	

ENTERING: 24-H TOTALS

Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Entering Total
20	2	1	1	1	25

EXITING: 24-H TOTALS

Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Exiting Total
20	3	1	0	1	25

TOTAL DAILY IN/OUT

50

City:	Fontana
Location:	14893 San Bernardino Avenue

Date:	12/01 to 12/03/2020
Count Type:	Classification

ENTERING

Time	Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Entering Total	Entering Hourly
12:00 AM	0	0	0	0	0	0	
12:15 AM	0	0	0	0	0	0	1
12:30 AM	0	0	0	0	0	0	
12:45 AM	1	0	0	0	0	1	
1:00 AM	0	0	0	0	0	0	
1:15 AM	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	
1:45 AM	0	0	0	0	0	0	
2:00 AM	0	0	0	0	0	0	
2:15 AM	0	0	0	0	0	0	2
2:30 AM	2	0	0	0	0	2	
2:45 AM	0	0	0	0	0	0	
3:00 AM	1	0	0	0	0	1	
3:15 AM	0	0	0	0	0	0	1
3:30 AM	0	0	0	0	0	0	
3:45 AM	0	0	0	0	0	0	
4:00 AM	0	0	0	0	0	0	
4:15 AM	0	0	0	0	0	0	1
4:30 AM	0	0	0	0	0	0	
4:45 AM	1	0	0	0	0	1	
5:00 AM	0	0	0	0	0	0	
5:15 AM	2	0	0	0	0	2	6
5:30 AM	4	0	0	0	0	4	
5:45 AM	0	0	0	0	0	0	
6:00 AM	0	0	0	0	0	0	
6:15 AM	0	0	1	0	1	2	6
6:30 AM	1	0	0	0	0	1	
6:45 AM	3	0	0	0	0	3	
7:00 AM	3	0	0	0	0	3	
7:15 AM	0	2	0	0	0	2	5
7:30 AM	0	0	0	0	0	0	
7:45 AM	0	0	0	0	0	0	
8:00 AM	3	1	0	1	0	5	
8:15 AM	0	0	0	0	0	0	9
8:30 AM	1	1	0	0	0	2	
8:45 AM	1	0	1	0	0	2	
9:00 AM	1	0	0	0	0	1	
9:15 AM	1	1	1	0	0	3	8
9:30 AM	0	0	0	0	0	0	
9:45 AM	1	3	0	0	0	4	
10:00 AM	0	0	0	0	0	0	
10:15 AM	0	0	0	0	0	0	4
10:30 AM	1	2	0	0	0	3	
10:45 AM	1	0	0	0	0	1	
11:00 AM	3	0	0	1	1	5	
11:15 AM	1	1	0	0	0	2	9
11:30 AM	1	0	0	0	1	2	
11:45 AM	0	0	0	0	0	0	
12:00 PM	2	0	0	0	1	3	
12:15 PM	1	1	0	0	0	2	12
12:30 PM	5	0	0	0	0	5	
12:45 PM	0	0	0	0	2	2	
1:00 PM	1	0	0	0	1	2	
1:15 PM	3	1	0	0	0	4	8
1:30 PM	1	0	0	0	0	1	
1:45 PM	1	0	0	0	0	1	
2:00 PM	1	0	0	0	0	1	
2:15 PM	4	0	0	0	0	4	7
2:30 PM	1	0	0	1	0	2	

EXITING

Time	Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Exiting Total	Exiting Hourly
12:00 AM	0	0	0	0	0	0	
12:15 AM	1	0	0	0	0	1	1
12:30 AM	0	0	0	0	0	0	
12:45 AM	0	0	0	0	0	0	
1:00 AM	0	0	0	0	0	0	
1:15 AM	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	
1:45 AM	0	0	0	0	0	0	
2:00 AM	0	0	0	0	0	0	
2:15 AM	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	
2:45 AM	0	0	0	0	0	0	
3:00 AM	0	0	2	0	0	2	
3:15 AM	0	0	0	0	0	0	2
3:30 AM	0	0	0	0	0	0	
3:45 AM	0	0	0	0	0	0	
4:00 AM	0	0	0	0	0	0	
4:15 AM	0	0	0	0	0	0	0
4:30 AM	0	0	0	0	0	0	
4:45 AM	0	0	0	0	0	0	
5:00 AM	0	0	1	0	0	1	
5:15 AM	0	0	0	0	0	0	1
5:30 AM	0	0	0	0	0	0	
5:45 AM	0	0	0	0	0	0	
6:00 AM	0	0	0	2	2	4	
6:15 AM	0	0	1	0	0	1	7
6:30 AM	1	0	0	0	0	1	
6:45 AM	1	0	0	0	0	1	
7:00 AM	1	0	0	1	1	3	
7:15 AM	1	1	0	1	0	3	9
7:30 AM	0	0	0	0	0	0	
7:45 AM	1	2	0	0	0	3	
8:00 AM	1	0	0	0	0	1	
8:15 AM	3	0	0	0	0	3	12
8:30 AM	3	0	0	0	0	3	
8:45 AM	4	1	0	0	0	5	
9:00 AM	2	0	0	0	0	2	
9:15 AM	0	1	0	0	0	1	4
9:30 AM	0	0	0	0	0	0	
9:45 AM	0	0	1	0	0	1	
10:00 AM	1	1	0	0	0	2	
10:15 AM	0	0	0	0	0	0	5
10:30 AM	0	1	0	0	0	1	
10:45 AM	1	1	0	0	0	2	
11:00 AM	1	1	0	0	0	2	
11:15 AM	1	0	0	0	0	1	6
11:30 AM	2	0	0	0	0	2	
11:45 AM	1	0	0	0	0	1	
12:00 PM	2	2	0	0	0	4	
12:15 PM	2	1	0	0	1	4	12
12:30 PM	3	1	0	0	0	4	
12:45 PM	0	0	0	0	0	0	
1:00 PM	1	0	0	0	1	2	
1:15 PM	0	0	0	0	0	0	11
1:30 PM	2	0	0	0	1	3	
1:45 PM	6	0	0	0	0	6	
2:00 PM	1	1	0	0	0	2	
2:15 PM	2	0	0	0	0	2	7
2:30 PM	2	0	0	0	0	2	

AM PEAK (8:00 AM – 8:45 AM entering / 8:00 AM – 8:45 AM exiting)

Midday (12:00 PM – 12:45 PM)

City:	Fontana		Date:	12/01 to 12/03/2020
Location:	14893 San Bernardino Avenue		Count Type:	Classification

ENTERING

Time	Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Entering Total	Entering Hourly
2:45 PM	0	0	0	0	0	0	
3:00 PM	0	0	0	3	0	3	
3:15 PM	2	0	0	0	0	2	8
3:30 PM	0	0	0	0	0	0	
3:45 PM	1	0	0	2	0	3	
4:00 PM	0	0	0	0	0	0	
4:15 PM	1	0	0	0	0	1	5
4:30 PM	2	0	0	0	0	2	
4:45 PM	2	0	0	0	0	2	
5:00 PM	0	0	0	0	0	0	
5:15 PM	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	
5:45 PM	1	0	0	0	0	1	
6:00 PM	0	0	0	0	0	0	
6:15 PM	1	1	0	0	0	2	3
6:30 PM	0	0	0	0	0	0	
6:45 PM	1	0	0	0	0	1	
7:00 PM	0	0	0	0	0	0	
7:15 PM	0	0	0	0	0	0	0
7:30 PM	0	0	0	0	0	0	
7:45 PM	0	0	0	0	0	0	
8:00 PM	0	0	0	0	0	0	
8:15 PM	1	0	0	0	0	1	5
8:30 PM	4	0	0	0	0	4	
8:45 PM	0	0	0	0	0	0	
9:00 PM	1	0	0	0	0	1	
9:15 PM	0	0	0	0	0	0	5
9:30 PM	1	0	0	0	0	1	
9:45 PM	3	0	0	0	0	3	
10:00 PM	2	0	0	0	0	2	
10:15 PM	0	0	0	0	0	0	2
10:30 PM	0	0	0	0	0	0	
10:45 PM	0	0	0	0	0	0	
11:00 PM	0	0	0	0	0	0	
11:15 PM	0	0	0	0	0	0	1
11:30 PM	1	0	0	0	0	1	
11:45 PM	0	0	0	0	0	0	

PM PEAK (5:00 PM row)

EXITING

Time	Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Exiting Total	Exiting Hourly
2:45 PM	1	0	0	0	0	1	
3:00 PM	1	0	0	1	0	2	
3:15 PM	2	0	0	0	0	2	4
3:30 PM	0	0	0	0	0	0	
3:45 PM	0	0	0	0	0	0	
4:00 PM	1	0	0	1	0	2	
4:15 PM	1	0	0	0	0	1	6
4:30 PM	1	0	0	0	0	1	
4:45 PM	2	0	0	0	0	2	
5:00 PM	1	0	0	0	0	1	
5:15 PM	6	0	0	0	0	6	7
5:30 PM	0	0	0	0	0	0	
5:45 PM	0	0	0	0	0	0	
6:00 PM	1	0	0	0	0	1	
6:15 PM	1	0	0	0	0	1	3
6:30 PM	0	0	0	0	0	0	
6:45 PM	1	0	0	0	0	1	
7:00 PM	0	0	0	0	0	0	
7:15 PM	2	0	0	0	0	2	5
7:30 PM	2	0	0	0	0	2	
7:45 PM	0	1	0	0	0	1	
8:00 PM	1	0	0	0	0	1	
8:15 PM	0	0	0	0	0	0	2
8:30 PM	0	0	0	0	0	0	
8:45 PM	1	0	0	0	0	1	
9:00 PM	0	0	0	0	0	0	
9:15 PM	1	0	0	0	0	1	2
9:30 PM	0	0	0	0	0	0	
9:45 PM	1	0	0	0	0	1	
10:00 PM	0	0	0	0	0	0	
10:15 PM	1	0	0	0	0	1	2
10:30 PM	0	0	1	0	0	1	
10:45 PM	0	0	0	0	0	0	
11:00 PM	1	0	0	0	0	1	
11:15 PM	0	0	0	0	0	0	1
11:30 PM	0	0	0	0	0	0	
11:45 PM	0	0	0	0	0	0	

ENTERING: 24-H TOTALS

Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Entering Total
77	14	3	8	7	109

EXITING: 24-H TOTALS

Passenger Vehicle	Large 2-Axle	3-Axle	4-Axle	5-Axle+	Exiting Total
76	15	6	6	6	109

AM	8:45 AM
PM	5:15 PM

TOTAL DAILY IN/OUT
218

Trip Type	Observed Peak Hour Site Traffic Count Summary (3-Day Total)							Observed Peak Hour Site Traffic Count Summary (3-Day Average)[1]						
	AM Peak Hour			PM Peak Hour				AM Peak Hour			PM Peak Hour			
	Entering	Exiting	Total	Entering	Exiting	Total	Daily	Entering	Exiting	Total	Entering	Exiting	Total	Daily
Passenger Vehicle	5	11	16	4	10	14	153	2	4	6	2	4	6	51
Large 2-Axel	2	1	3	0	0	0	29	1	1	2	0	0	0	10
3-Axel	1	0	1	0	0	0	9	1	0	1	0	0	0	3
4-Axel	1	0	1	0	0	0	14	1	0	1	0	0	0	5
5-Axel+	0	0	0	0	0	0	13	0	0	0	0	0	0	5
Total Vehicle Trips	9	12	21	4	10	14	218	5	5	10	2	4	6	74

Note:

(1) Average for individual entry and exit movements was rounded up to provide a more conservative estimate.

ATTACHMENT B

VMT SCREENING ASSESSMENT