

San Jose Multi-Family

Traffic Analysis

Prepared For

Mandarin Properties, LLC

Prepared By

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Revised

July 2020

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JACKSONVILLE, FLORIDA 32258
CERTIFICATE OF AUTHORIZATION 00002584
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Synchro/Sim Traffic v.10

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Introduction

San Jose Multi-Family is a 260 dwelling unit apartment complex proposed for the east side of San Jose Boulevard (SR-13) directly across from Mandarin Meadows Subdivision in the Mandarin area of Jacksonville, Florida. Figure 1 illustrates the location of the project, while Figure 2 depicts the conceptual site plan for the development. The proposed center will consist of approximately single building. Table 1 lists the proposed land uses.

Figure 1: Location Map



Table 1: San Jose Multi-Family proposed land uses

	Land Use	Ite Land Use Code	Quantity	Units
Total	Multi-Family Residential Mid-Rise	221	260	Dwelling Units

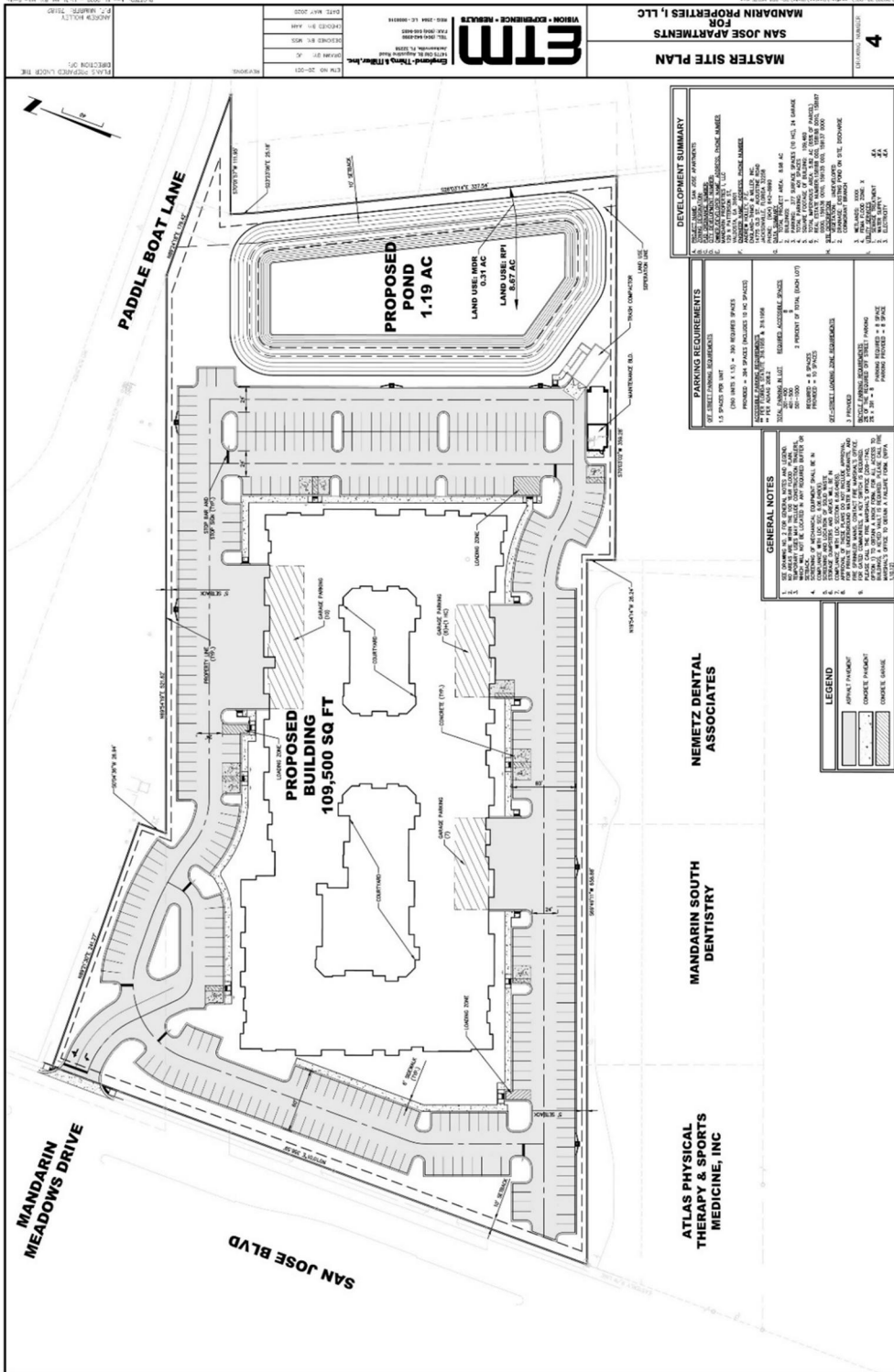


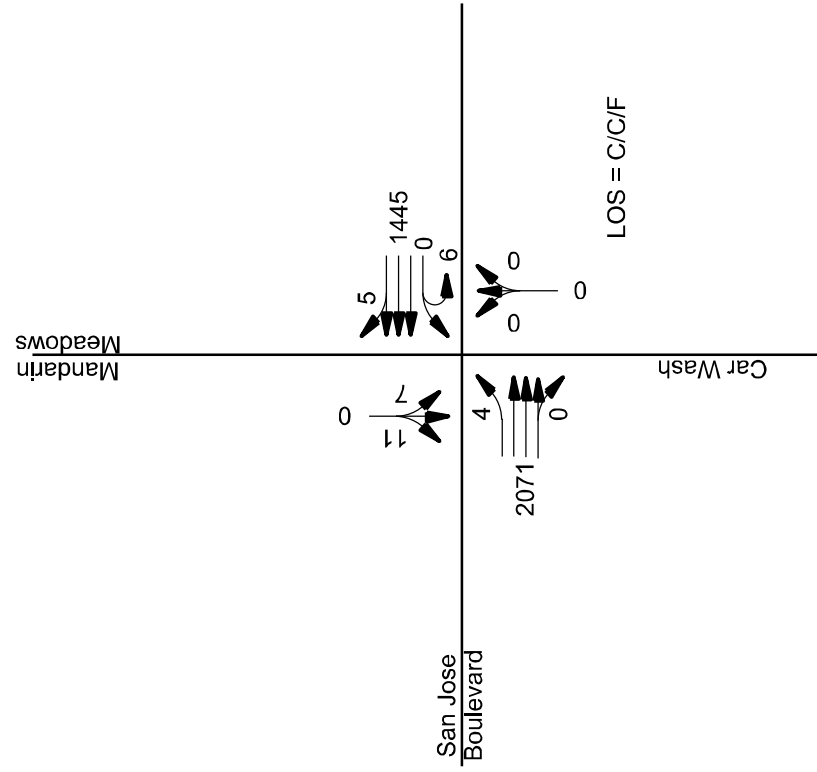
Figure 2: Master Site Plan

Development of Base Conditions

The study area for the project included the segment of SR-13 adjacent to the site. Turning movement counts were conducted at the intersections of San Jose Boulevard and Orange Pickers Road, San Jose Boulevard and Marbon Road, San Jose Boulevard and Mandarin Meadows Road, Mandarin Meadows Road South and Flynn Road and Mandarin Meadows Road North and Flynn Road. Copies of the counts are included in Appendix A. The counts at Orange Pickers and Marbon were taken so they could be compared to 2019 turning movement counts to determine if the volumes on San Jose Boulevard were reasonable and if not, how they should be adjusted.

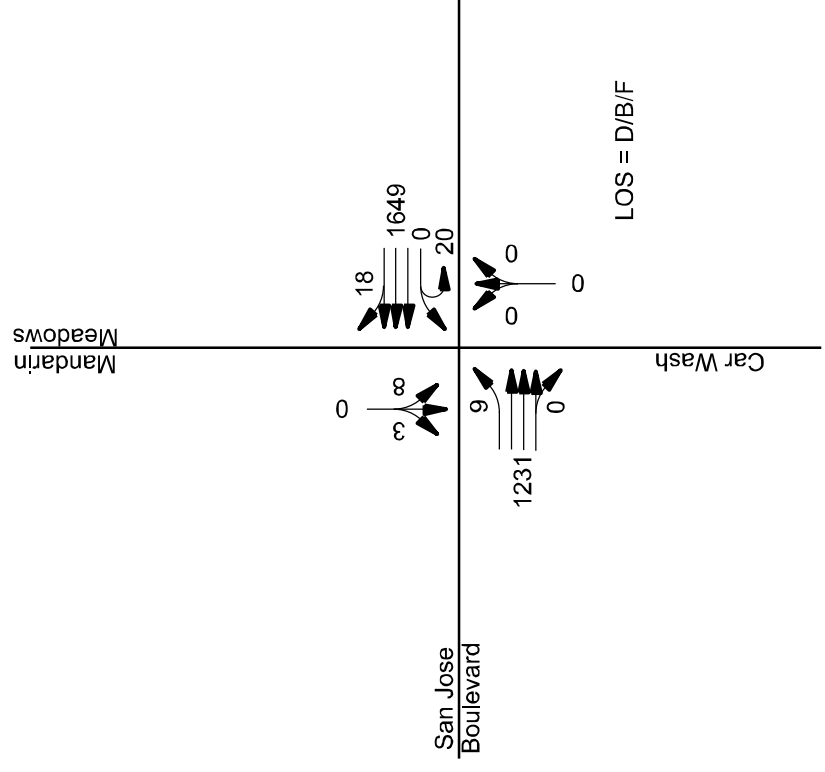
The comparison of the total AM and PM peak hour volumes on San Jose at these two intersections indicates that traffic on the morning peak in 2020 is approximately 54% of the volume it carried in 2019 and 91% of the afternoon peak. The counts at Mandarin Meadows Road and San Jose Boulevard, Mandarin Meadows Road South and Flynn Road and Mandarin Meadows North and Flynn Road were conducted to isolate the Mandarin Meadows Subdivision. A comparison of the volumes entering and exiting the subdivision during the morning and afternoon peak hours indicate that the morning peak is approximately 75% of the traffic estimated using the trip generation equations from the 10th edition of the Institute of Transportation Engineer's (Ite) Trip Generation Manual.

The afternoon peak entering and exiting Mandarin Meadows is approximately 90% of the Ite estimates. Therefore 2020 PM peak hour traffic entering and exiting Mandarin Meadows from San Jose Boulevard was inflated by 25% during the morning peak and 10% during the afternoon peak to approximate the 2019 conditions at Mandarin Meadows Road and San Jose Boulevard. A review of the 2019 level of service report published by FDOT indicates that this segment of San Jose Boulevard is growing at 1% per year. Therefore, the San Jose through volumes were inflated an additional 1% to establish the base 2020 condition at the intersection. Figure 3 illustrates the base 2020 conditions at the intersection. A table illustrating the calculation of the base 2020 conditions is included in Appendix A.



AM Peak

San Jose Adjustment Rate = 1.8590
 Mandarin Meadows Adjustment Rate = 1.3421



PM Peak

San Jose Adjustment Rate = 1.1011
 Mandarin Meadows Adjustment Rate = 1.1167

2019 - 2020 Growth Factor = 1.01

San Jose Multi-Family 2020 Base Estimates

Trip Generation Estimates

The traffic generated was based on the 10th edition of the Institute of Traffic Engineers (ITE) *Trip Generation Manual* and the 3rd edition of the ITE *Trip Generation Handbook*.

Table 2 illustrates the gross trip generation calculations for the project during a typical weekday and during the morning and afternoon peak hours.

Table 2: Trip Generation

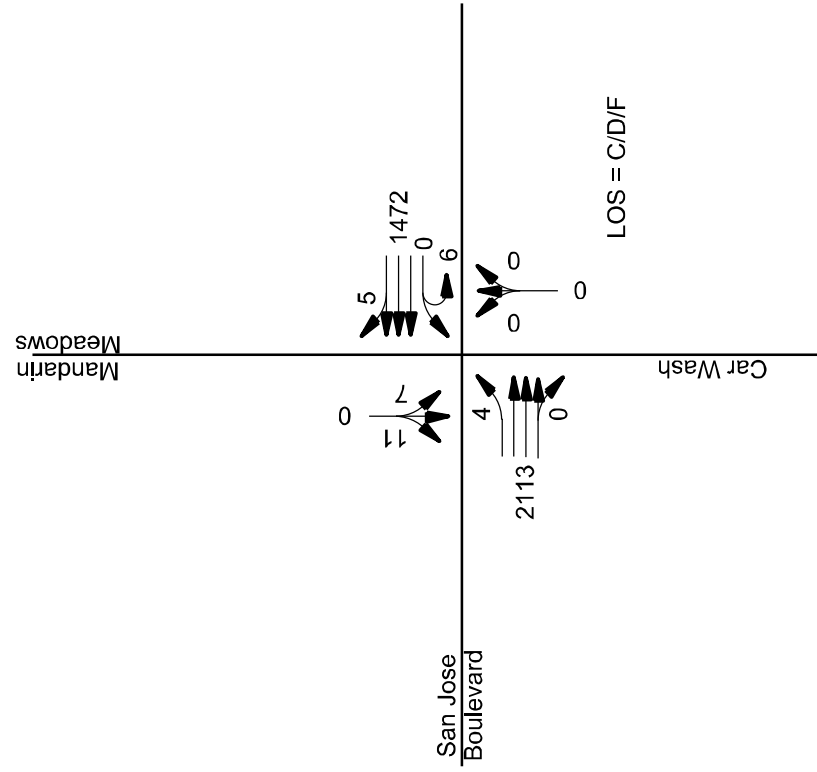
San Jose Multi-Family
Gross Project Trip Generation Estimates

Phase	Land Use	ITE Land Use Code	Size (Number of Units)	Independent Variable (Units)	Trip Generation Estimation Method (Rate or Equation)	A.M. Peak Hour					P.M. Peak Hour					Daily		
						Total	Gross Trip Ends				Total	Gross Trip Ends				Estimation Method (Rate or Equation)	Gross Trip Ends	
							% Entering	Entering	% Exiting	Exiting		% Entering	Entering	% Exiting	Exiting			
Buildout	Multi-Family Residential Mid-Rise	221	280	Dwelling Units	$Ln(T)=.98 Ln(x)-.98$	87	26%	23	74%	65	$Ln(T)=.96 Ln(x)-.63$	111	61%	68	39%	43	$T = 5.45(X)-1.75$	1,415

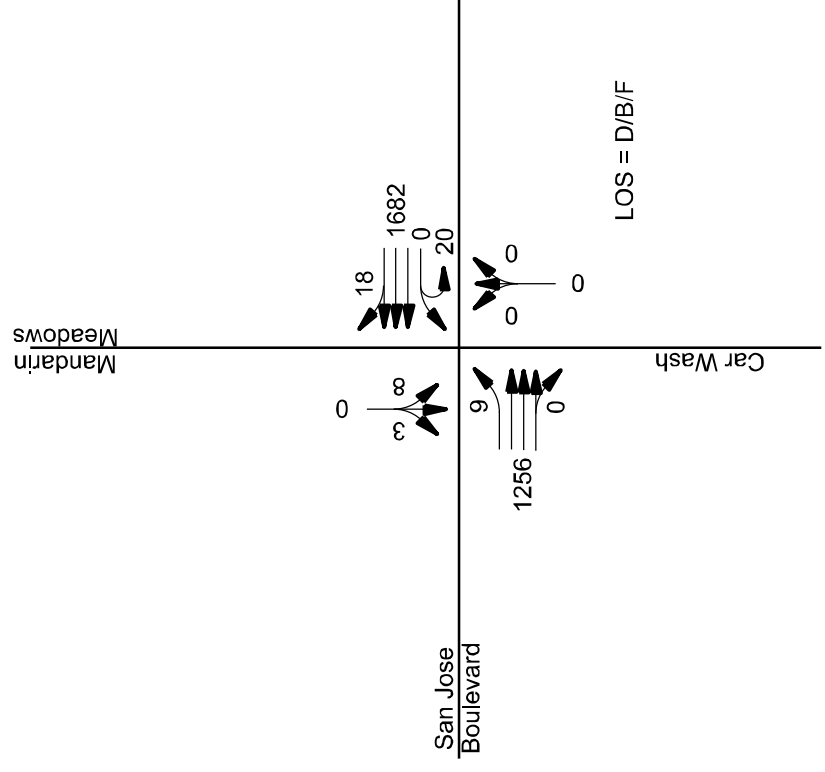
Source: Institute of Transportation Engineers Trip Generation Manual, 10th Ed.

Background Traffic Conditions

The proposed project is to be built out by the year 2022. To estimate non-project traffic, growth rates (2020-2022) were determined using the traffic estimates in the FDOT District 2 Level of Service Report to expand the base turning movement counts. Figure 4 depicts the estimated background traffic during the morning and afternoon peak hours for the year 2022. Based on Signal Four Analytics crash reports (2013-2019), eight crashes were reported in the vicinity of the San Jose Boulevard and Mandarin Meadows Road/San Jose Apartments intersection since 2013, one of which was a left turn crash exiting Mandarin Meadows Dr. Copies of the segment data for San Jose Boulevard (SR-13) from the Level of Service Report are contained in Appendix B. Copies of the Synchro printouts of the level of service calculations for Background Conditions have been included in Appendix C to this report.



AM Peak



PM Peak

2020 - 2022 Growth Factor = 1.0201

San Jose Multi-Family
2022 Background Traffic Estimates

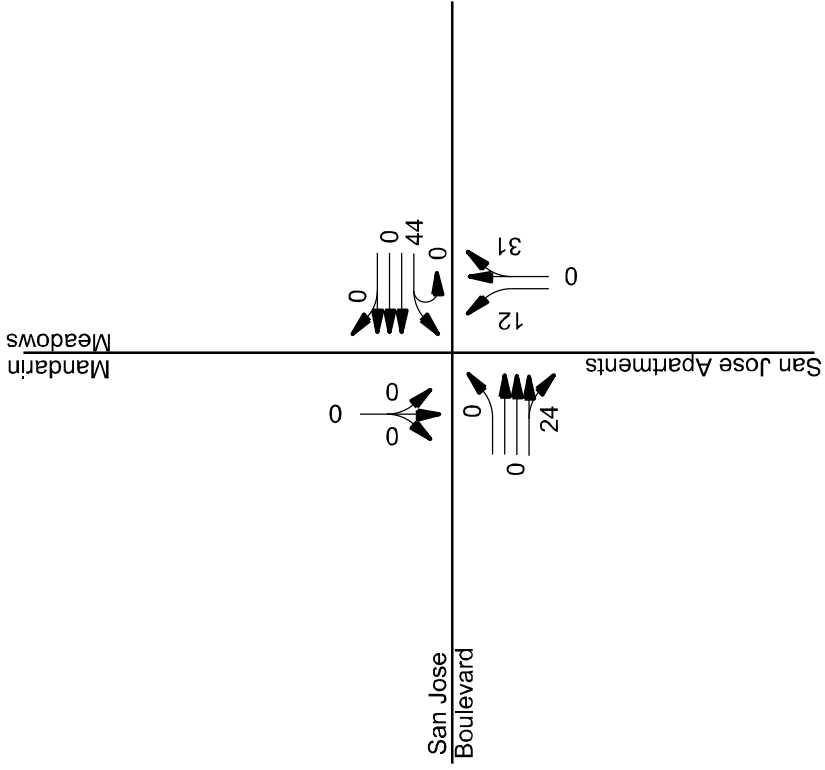
Traffic Distribution and Assignment Methodology

The net new project traffic was assigned to the area roadway network using existing traffic patterns developed from the traffic counts used to isolate Mandarin Meadows subdivision. During the morning peak 47% of the traffic associated with the Mandarin Meadows subdivision come from or goes to the north, during in the afternoon peak hour, 67% of the traffic come from or goes to the north. A copy of the calculation of the distribution of traffic to the north and south is contained in Appendix D to this report.

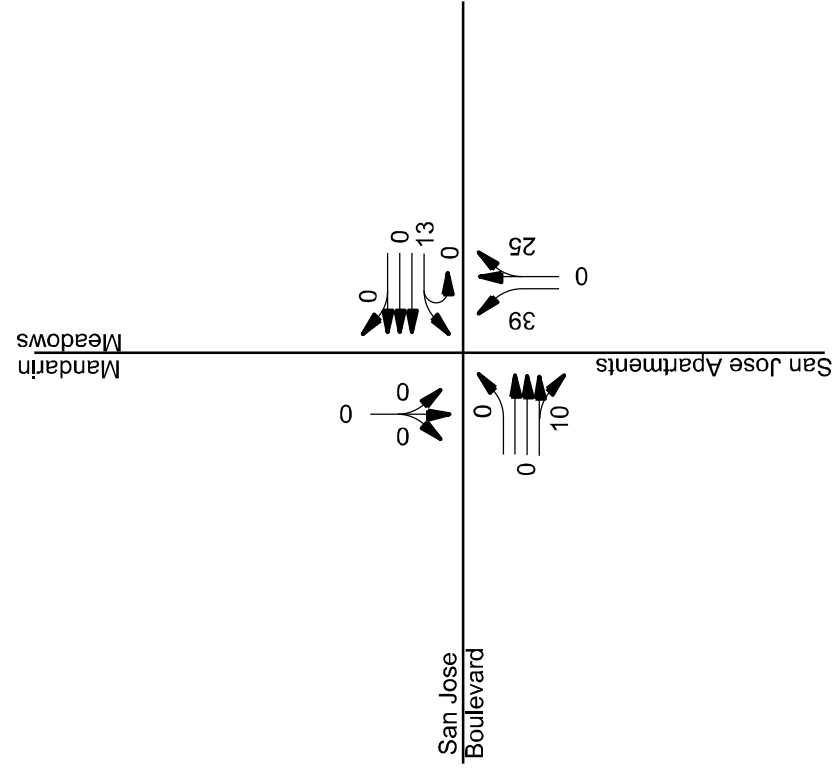
Total Traffic Volumes

Project and total traffic volumes at the intersections are illustrated in Figure 5 and Figure 6 for the morning and afternoon peaks respectively. The volumes were processed using Synchro 10 to determine the operability of the intersections. For most unsignalized intersections the Synchro 10 and HCM 6th Edition are similar. However, HCS cannot evaluate unsignalized improvements for six lane roadways therefore, therefore Synchro 10 LOS results are used in this study. Copies of the Synchro printouts are contained in Appendix E to this report. Based on the analysis, San Jose Boulevard is expected to operate at an acceptable level of service. Mandarin Meadows Road and the project access is expected to experience some delay however there is sufficient storage on both facilities to accommodate the anticipated queues.

A review of the southbound and northbound right turn volumes during the morning and afternoon peak indicated that they are not sufficient to require the construction of a separate deceleration lane based on Exhibit 44 of the FDOT Driveway Manual.



PM Peak

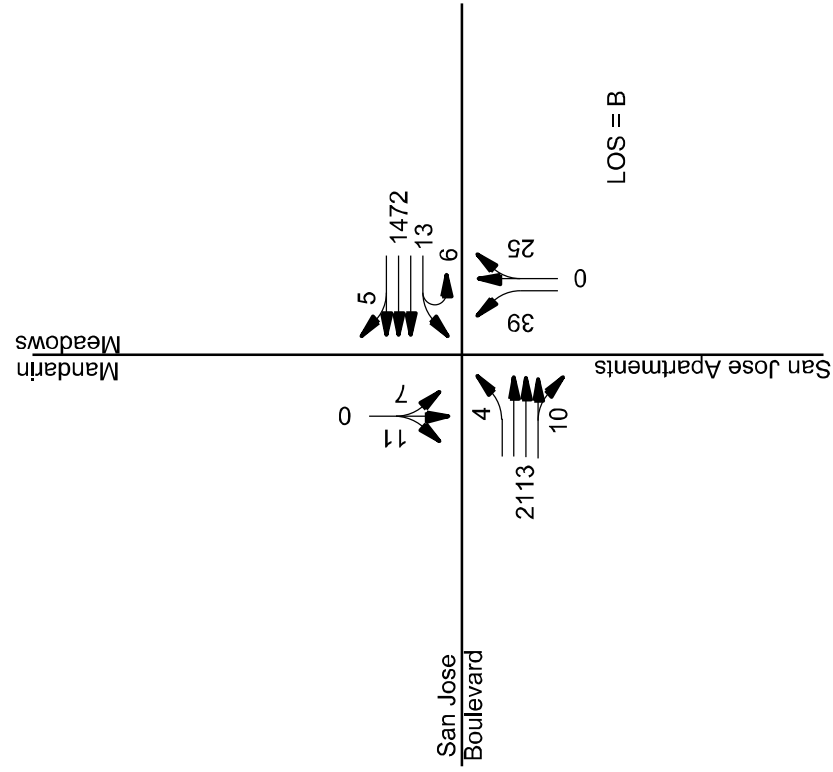


AM Peak

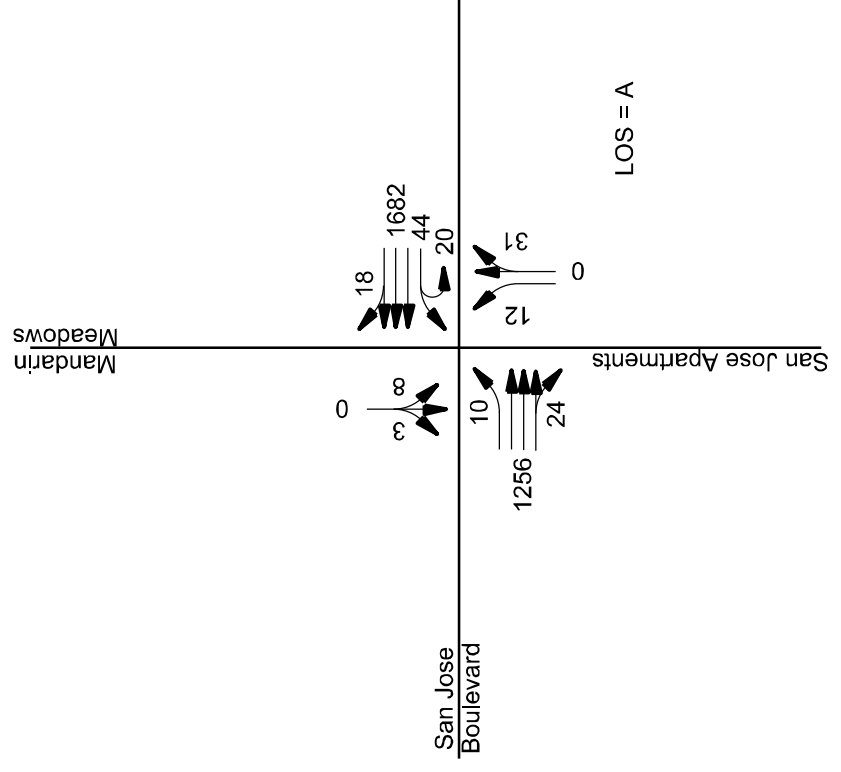
San Jose Multi-Family 2022 Project Traffic Estimates

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AM Peak



PM Peak

San Jose Multi-Family 2022 Total Traffic Estimates

Queue and Storage Lane Analysis

In addition to the v/c ratios, delays, and the corresponding LOS, a queue analysis was performed to determine the projected left turn queue volumes at the intersection of San Jose Boulevard and San Jose Apartments. The existing turn lanes on San Jose Boulevard exceed the requires minimum vehicle queue length. The results of the analysis are summarized in Table 3 below.

Table 3: Left Turn Queues

Movement	Available Storage	AM Peak		PM Peak	
		Veh.	Ft.	Veh.	Ft.
Northbound Left	225'	0.6	15.0'	0.3	7.5'
Southbound Left	200'	0.7	17.5'	0.9	22.5'
Eastbound Left	250'	1.6	40.0'	1.4	35.0'
Westbound Left	175'	6.3	157.2'	1.3	32.5'

Assumes a vehicle length of 25'

Source: Synchro HCM 6th Edition TWSC

Access Management/Signal Warrant Analysis

San Jose Boulevard has been designated an access management class 5 and has a posted speed of 45 mph which recommends a spacing of 245', spacing for directional median openings of 66' and full openings and traffic signals to be spaced at 1320'. The next full median opening to the north is at Marbon Road (1,070' north) with a directional median opening at Paddle Boat Lane (420'). The next median opening to the south is a full median opening approximately 515' south of Mandarin Meadows. The Traffic Signal Warrant Summary (FDOT Manual on Uniform Traffic Studies Form No. 750-020-01) procedure was reviewed to determine if conditions at the existing intersection warrant the installation of a traffic signal. The total traffic volume estimates at the intersection of San Jose Blvd and Mandarin Meadows Road/San Jose Apartments driveway was entered into the FDOT signal warrant analysis 1 A and 1 B, 2, and 3. All four warrants are not met by the expected traffic volumes therefore a traffic signal is not warranted. Traffic Signal Warrant Summary for San Jose Apartments is attached in Appendix E.

Conclusions

Based on the anticipated volumes at this location and two-way stop control, the San Jose Boulevard approaches will operate at an acceptable level of service through buildout of this project. Both the Mandarin Meadows Road and San Jose Multifamily approaches will experience significant delays but have sufficient storage to accommodate the anticipated queues. The anticipated volumes on the Mandarin Meadows Road and San Jose Multifamily approaches are not sufficient to meet the volume requirements for a traffic signal and the crash history indicates there may have been one crash in the past seven years that would be correctable with a traffic signal. Based on these two items a signal should is not warranted at this location. The current spacing of median openings (full and directional) does not meet the guidelines for Access Management Class 5. Therefore, the proposed access will require approval from the Access Management Committee.

Appendix A

Traffic Counts

Note: utility workers coned off SB out lane 8:20am thru mid-shift. Traffic still flowed through other lanes.

File Name : 1-San Jose Blvd & Orange Picker Rd AM
Site Code :
Start Date : 4/21/2020
Page No : 1

Groups Printed- Cars

Start Time	San Jose Blvd Southbound					Orange Picker Rd Westbound					San Jose Blvd Northbound					Orange Picker Rd Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	2	33	0	0	35	0	0	0	0	0	0	149	0	0	149	2	0	11	0	13	197
06:15 AM	0	70	0	0	70	0	0	0	1	1	0	190	0	0	190	1	0	18	2	21	282
06:30 AM	3	96	1	0	100	0	0	1	0	1	1	214	0	0	215	4	0	13	2	19	335
06:45 AM	5	136	0	0	141	0	1	0	0	1	0	217	1	0	218	5	0	15	0	20	380
Total	10	335	1	0	346	0	1	1	1	3	1	770	1	0	772	12	0	57	4	73	1194
07:00 AM	6	107	0	0	113	0	0	0	0	0	0	227	0	0	227	6	0	21	1	28	368
07:15 AM	9	117	2	0	128	0	1	0	1	2	0	241	1	0	242	2	0	24	0	26	398
07:30 AM	10	156	0	0	166	1	0	0	0	1	0	262	2	0	264	5	1	16	0	22	453
07:45 AM	14	194	2	0	210	2	1	2	1	6	2	277	1	0	280	4	0	12	0	16	512
Total	39	574	4	0	617	3	2	2	2	9	2	1007	4	0	1013	17	1	73	1	92	1731
08:00 AM	20	188	4	1	213	0	0	0	1	1	0	254	4	1	259	4	1	17	0	22	495
08:15 AM	12	178	2	0	192	2	1	3	4	10	1	232	0	2	235	8	3	11	2	24	461
08:30 AM	16	198	1	0	215	4	0	0	1	5	3	268	4	1	276	2	0	8	3	13	509
08:45 AM	17	242	2	0	261	1	1	0	3	5	1	280	1	3	285	7	4	20	0	31	582
Total	65	806	9	1	881	7	2	3	9	21	5	1034	9	7	1055	21	8	56	5	90	2047
Grand Total	114	1715	14	1	1844	10	5	6	12	33	8	2811	14	7	2840	50	9	186	10	255	4972
Apprch %	6.2	93	0.8	0.1		30.3	15.2	18.2	36.4		0.3	99	0.5	0.2		19.6	3.5	72.9	3.9		
Total %	2.3	34.5	0.3	0	37.1	0.2	0.1	0.1	0.2	0.7	0.2	56.5	0.3	0.1	57.1	1	0.2	3.7	0.2	5.1	

Start Time	San Jose Blvd Southbound				Orange Picker Rd Westbound				San Jose Blvd Northbound				Orange Picker Rd Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	20	188	4	212	0	0	0	0	0	254	4	258	4	1	17	22	492
08:15 AM	12	178	2	192	2	1	3	6	1	232	0	233	8	3	11	22	453
08:30 AM	16	198	1	215	4	0	0	4	3	268	4	275	2	0	8	10	504
08:45 AM	17	242	2	261	1	1	0	2	1	280	1	282	7	4	20	31	576
Total Volume	65	806	9	880	7	2	3	12	5	1034	9	1048	21	8	56	85	2025
% App. Total	7.4	91.6	1		58.3	16.7	25		0.5	98.7	0.9		24.7	9.4	65.9		
PHF	.813	.833	.563	.843	.438	.500	.250	.500	.417	.923	.563	.929	.656	.500	.700	.685	.879

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904-992-8072

File Name : 1-San Jose Blvd & Orange Picker Rd AM
Site Code :
Start Date : 4/21/2020
Page No : 1

Groups Printed- Trucks

Start Time	San Jose Blvd Southbound					Orange Picker Rd Westbound					San Jose Blvd Northbound					Orange Picker Rd Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	1	0	1	6
06:15 AM	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	6
06:30 AM	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	1	0	1	7
06:45 AM	0	7	0	0	7	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	11
Total	0	18	0	0	18	0	0	0	0	0	0	10	0	0	10	0	0	2	0	2	30
07:00 AM	0	11	0	0	11	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	15
07:15 AM	1	12	0	0	13	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	17
07:30 AM	0	17	0	0	17	0	0	0	0	0	0	3	0	0	3	1	0	0	0	1	21
07:45 AM	1	16	0	0	17	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	26
Total	2	56	0	0	58	0	0	0	0	0	0	20	0	0	20	1	0	0	0	1	79
08:00 AM	0	10	1	0	11	1	1	0	0	2	0	7	0	0	7	0	0	1	0	1	21
08:15 AM	1	20	0	0	21	0	0	0	0	0	0	4	0	0	4	0	0	1	0	1	26
08:30 AM	0	8	0	0	8	0	1	0	0	1	0	6	1	0	7	0	0	1	0	1	17
08:45 AM	0	10	0	0	10	0	0	1	0	1	0	14	0	0	14	0	0	0	0	0	25
Total	1	48	1	0	50	1	2	1	0	4	0	31	1	0	32	0	0	3	0	3	89
Grand Total	3	122	1	0	126	1	2	1	0	4	0	61	1	0	62	1	0	5	0	6	198
Apprch %	2.4	96.8	0.8	0		25	50	25	0		0	98.4	1.6	0		16.7	0	83.3	0		
Total %	1.5	61.6	0.5	0	63.6	0.5	1	0.5	0	2	0	30.8	0.5	0	31.3	0.5	0	2.5	0	3	

Start Time	San Jose Blvd Southbound				Orange Picker Rd Westbound				San Jose Blvd Northbound				Orange Picker Rd Eastbound				Int. Total	
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total		
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 07:30 AM																		
07:30 AM	0	17	0	17	0	0	0	0	0	0	3	0	3	1	0	0	1	21
07:45 AM	1	16	0	17	0	0	0	0	0	0	9	0	9	0	0	0	0	26
08:00 AM	0	10	1	11	1	1	0	2	0	7	0	7	0	0	0	1	1	21
08:15 AM	1	20	0	21	0	0	0	0	0	4	0	4	0	0	1	1	26	
Total Volume	2	63	1	66	1	1	0	2	0	23	0	23	1	0	2	3	94	
% App. Total	3	95.5	1.5		50	50	0		0	100	0		33.3	0	66.7			
PHF	.500	.788	.250	.786	.250	.250	.000	.250	.000	.639	.000	.639	.250	.000	.500	.750	.904	

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904-992-8072

File Name : 1-San Jose Blvd & Orange Picker Rd AM
Site Code :
Start Date : 4/21/2020
Page No : 1

Groups Printed- Combined

Start Time	San Jose Blvd Southbound					Orange Picker Rd Westbound					San Jose Blvd Northbound					Orange Picker Rd Eastbound					Int. Total
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06:00 AM	2	35	0	0	37	0	0	0	0	0	0	152	0	0	152	2	0	12	0	14	203
06:15 AM	0	75	0	0	75	0	0	0	1	1	0	191	0	0	191	1	0	18	2	21	288
06:30 AM	3	100	1	0	104	0	0	1	0	1	1	216	0	0	217	4	0	14	2	20	342
06:45 AM	5	143	0	0	148	0	1	0	0	1	0	221	1	0	222	5	0	15	0	20	391
Total	10	353	1	0	364	0	1	1	1	3	1	780	1	0	782	12	0	59	4	75	1224
07:00 AM	6	118	0	0	124	0	0	0	0	0	0	231	0	0	231	6	0	21	1	28	383
07:15 AM	10	129	2	0	141	0	1	0	1	2	0	245	1	0	246	2	0	24	0	26	415
07:30 AM	10	173	0	0	183	1	0	0	0	1	0	265	2	0	267	6	1	16	0	23	474
07:45 AM	15	210	2	0	227	2	1	2	1	6	2	286	1	0	289	4	0	12	0	16	538
Total	41	630	4	0	675	3	2	2	2	9	2	1027	4	0	1033	18	1	73	1	93	1810
08:00 AM	20	198	5	1	224	1	1	0	1	3	0	261	4	1	266	4	1	18	0	23	516
08:15 AM	13	198	2	0	213	2	1	3	4	10	1	236	0	2	239	8	3	12	2	25	487
08:30 AM	16	206	1	0	223	4	1	0	1	6	3	274	5	1	283	2	0	9	3	14	526
08:45 AM	17	252	2	0	271	1	1	1	3	6	1	294	1	3	299	7	4	20	0	31	607
Total	66	854	10	1	931	8	4	4	9	25	5	1065	10	7	1087	21	8	59	5	93	2136
Grand Total	117	1837	15	1	1970	11	7	7	12	37	8	2872	15	7	2902	51	9	191	10	261	5170
Apprch %	5.9	93.2	0.8	0.1		29.7	18.9	18.9	32.4		0.3	99	0.5	0.2		19.5	3.4	73.2	3.8		
Total %	2.3	35.5	0.3	0	38.1	0.2	0.1	0.1	0.2	0.7	0.2	55.6	0.3	0.1	56.1	1	0.2	3.7	0.2	5	

Start Time	San Jose Blvd Southbound				Orange Picker Rd Westbound				San Jose Blvd Northbound				Orange Picker Rd Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	20	198	5	223	1	1	0	2	0	261	4	265	4	1	18	23	513
08:15 AM	13	198	2	213	2	1	3	6	1	236	0	237	8	3	12	23	479
08:30 AM	16	206	1	223	4	1	0	5	3	274	5	282	2	0	9	11	521
08:45 AM	17	252	2	271	1	1	1	3	1	294	1	296	7	4	20	31	601
Total Volume	66	854	10	930	8	4	4	16	5	1065	10	1080	21	8	59	88	2114
% App. Total	7.1	91.8	1.1		50	25	25		0.5	98.6	0.9		23.9	9.1	67		
PHF	.825	.847	.500	.858	.500	1.00	.333	.667	.417	.906	.500	.912	.656	.500	.738	.710	.879

Peggy Malone & Associates
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Groups Printed- Cars

Start Time	San Jose Blvd Southbound					Orange Picker Rd Westbound					San Jose Blvd Northbound					Orange Picker Rd Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
11:30 AM	21	247	10	0	278	4	0	5	0	9	1	249	7	0	257	12	1	24	0	37	581
11:45 AM	21	279	7	2	309	3	0	6	0	9	4	258	8	0	270	11	1	19	0	31	619
Total	42	526	17	2	587	7	0	11	0	18	5	507	15	0	527	23	2	43	0	68	1200
12:00 PM	24	284	6	0	314	11	1	2	1	15	2	285	9	0	296	9	3	20	0	32	657
12:15 PM	16	293	7	2	318	7	3	2	2	14	1	339	12	0	352	8	2	22	0	32	716
12:30 PM	21	282	8	0	311	5	0	5	0	10	2	281	11	0	294	3	3	24	0	30	645
12:45 PM	19	312	12	0	343	1	3	4	0	8	4	288	7	1	300	11	2	24	0	37	688
Total	80	1171	33	2	1286	24	7	13	3	47	9	1193	39	1	1242	31	10	90	0	131	2706
01:00 PM	21	294	10	2	327	9	4	5	3	21	0	272	4	0	276	3	2	22	0	27	651
01:15 PM	25	312	3	0	340	7	1	3	1	12	1	275	11	0	287	9	2	13	1	25	664
Grand Total	168	2303	63	6	2540	47	12	32	7	98	15	2247	69	1	2332	66	16	168	1	251	5221
Apprch %	6.6	90.7	2.5	0.2		48	12.2	32.7	7.1		0.6	96.4	3	0		26.3	6.4	66.9	0.4		
Total %	3.2	44.1	1.2	0.1	48.6	0.9	0.2	0.6	0.1	1.9	0.3	43	1.3	0	44.7	1.3	0.3	3.2	0	4.8	

Start Time	San Jose Blvd Southbound				Orange Picker Rd Westbound				San Jose Blvd Northbound				Orange Picker Rd Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 12:00 PM																	
12:00 PM	24	284	6	314	11	1	2	14	2	285	9	296	9	3	20	32	656
12:15 PM	16	293	7	316	7	3	2	12	1	339	12	352	8	2	22	32	712
12:30 PM	21	282	8	311	5	0	5	10	2	281	11	294	3	3	24	30	645
12:45 PM	19	312	12	343	1	3	4	8	4	288	7	299	11	2	24	37	687
Total Volume	80	1171	33	1284	24	7	13	44	9	1193	39	1241	31	10	90	131	2700
% App. Total	6.2	91.2	2.6		54.5	15.9	29.5		0.7	96.1	3.1		23.7	7.6	68.7		
PHF	.833	.938	.688	.936	.545	.583	.650	.786	.563	.880	.813	.881	.705	.833	.938	.885	.948

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Groups Printed- Trucks

Start Time	San Jose Blvd Southbound					Orange Picker Rd Westbound					San Jose Blvd Northbound					Orange Picker Rd Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
11:30 AM	0	10	0	0	10	0	0	0	0	0	0	13	0	0	13	1	0	1	0	2	25
11:45 AM	1	7	0	0	8	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	17
Total	1	17	0	0	18	0	0	0	0	0	0	22	0	0	22	1	0	1	0	2	42
12:00 PM	0	11	0	0	11	0	0	0	0	0	0	7	1	0	8	0	0	0	0	0	19
12:15 PM	0	5	0	0	5	0	0	0	0	0	0	10	0	0	10	0	0	1	0	1	16
12:30 PM	0	11	1	0	12	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	17
12:45 PM	2	6	0	0	8	1	0	0	0	1	0	3	1	0	4	0	0	1	0	1	14
Total	2	33	1	0	36	1	0	0	0	1	0	25	2	0	27	0	0	2	0	2	66
01:00 PM	0	5	0	0	5	0	0	0	0	0	0	7	0	0	7	1	0	1	0	2	14
01:15 PM	0	8	0	0	8	0	0	0	0	0	1	3	0	0	4	0	0	0	0	0	12
Grand Total	3	63	1	0	67	1	0	0	0	1	1	57	2	0	60	2	0	4	0	6	134
Apprch %	4.5	94	1.5	0		100	0	0	0		1.7	95	3.3	0		33.3	0	66.7	0		
Total %	2.2	47	0.7	0	50	0.7	0	0	0	0.7	42.5	1.5	0	44.8	1.5	0	3	0	4.5		

Start Time	San Jose Blvd Southbound				Orange Picker Rd Westbound				San Jose Blvd Northbound				Orange Picker Rd Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 11:30 AM																	
11:30 AM	0	10	0	10	0	0	0	0	0	13	0	13	1	0	1	2	25
11:45 AM	1	7	0	8	0	0	0	0	0	9	0	9	0	0	0	0	17
12:00 PM	0	11	0	11	0	0	0	0	0	7	1	8	0	0	0	0	19
12:15 PM	0	5	0	5	0	0	0	0	0	10	0	10	0	0	1	1	16
Total Volume	1	33	0	34	0	0	0	0	0	39	1	40	1	0	2	3	77
% App. Total	2.9	97.1	0		0	0	0		0	97.5	2.5		33.3	0	66.7		
PHF	.250	.750	.000	.773	.000	.000	.000	.000	.000	.750	.250	.769	.250	.000	.500	.375	.770

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Groups Printed- Combined

Start Time	San Jose Blvd Southbound					Orange Picker Rd Westbound					San Jose Blvd Northbound					Orange Picker Rd Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
11:30 AM	21	257	10	0	288	4	0	5	0	9	1	262	7	0	270	13	1	25	0	39	606
11:45 AM	22	286	7	2	317	3	0	6	0	9	4	267	8	0	279	11	1	19	0	31	636
Total	43	543	17	2	605	7	0	11	0	18	5	529	15	0	549	24	2	44	0	70	1242
12:00 PM	24	295	6	0	325	11	1	2	1	15	2	292	10	0	304	9	3	20	0	32	676
12:15 PM	16	298	7	2	323	7	3	2	2	14	1	349	12	0	362	8	2	23	0	33	732
12:30 PM	21	293	9	0	323	5	0	5	0	10	2	286	11	0	299	3	3	24	0	30	662
12:45 PM	21	318	12	0	351	2	3	4	0	9	4	291	8	1	304	11	2	25	0	38	702
Total	82	1204	34	2	1322	25	7	13	3	48	9	1218	41	1	1269	31	10	92	0	133	2772
01:00 PM	21	299	10	2	332	9	4	5	3	21	0	279	4	0	283	4	2	23	0	29	665
01:15 PM	25	320	3	0	348	7	1	3	1	12	2	278	11	0	291	9	2	13	1	25	676
Grand Total	171	2366	64	6	2607	48	12	32	7	99	16	2304	71	1	2392	68	16	172	1	257	5355
Apprch %	6.6	90.8	2.5	0.2		48.5	12.1	32.3	7.1		0.7	96.3	3	0		26.5	6.2	66.9	0.4		
Total %	3.2	44.2	1.2	0.1	48.7	0.9	0.2	0.6	0.1	1.8	0.3	43	1.3	0	44.7	1.3	0.3	3.2	0	4.8	

Start Time	San Jose Blvd Southbound				Orange Picker Rd Westbound				San Jose Blvd Northbound				Orange Picker Rd Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 12:00 PM																	
12:00 PM	24	295	6	325	11	1	2	14	2	292	10	304	9	3	20	32	675
12:15 PM	16	298	7	321	7	3	2	12	1	349	12	362	8	2	23	33	728
12:30 PM	21	293	9	323	5	0	5	10	2	286	11	299	3	3	24	30	662
12:45 PM	21	318	12	351	2	3	4	9	4	291	8	303	11	2	25	38	701
Total Volume	82	1204	34	1320	25	7	13	45	9	1218	41	1268	31	10	92	133	2766
% App. Total	6.2	91.2	2.6		55.6	15.6	28.9		0.7	96.1	3.2		23.3	7.5	69.2		
PHF	.854	.947	.708	.940	.568	.583	.650	.804	.563	.872	.854	.876	.705	.833	.920	.875	.950

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Groups Printed- Cars

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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:30 PM	29	284	7	1	321	3	2	0	0	5	1	290	6	0	297	7	2	15	1	25	648
03:45 PM	29	338	6	0	373	4	4	2	1	11	1	273	13	1	288	9	3	23	0	35	707
Total	58	622	13	1	694	7	6	2	1	16	2	563	19	1	585	16	5	38	1	60	1355
04:00 PM	28	329	7	0	364	6	0	6	0	12	3	270	7	0	280	10	2	25	0	37	693
04:15 PM	19	341	9	0	369	5	1	8	0	14	3	270	3	0	276	8	4	18	1	31	690
04:30 PM	35	337	4	0	376	4	4	4	0	12	0	219	5	0	224	7	2	22	0	31	643
04:45 PM	31	328	6	0	365	4	1	1	0	6	0	276	9	0	285	11	3	15	0	29	685
Total	113	1335	26	0	1474	19	6	19	0	44	6	1035	24	0	1065	36	11	80	1	128	2711
05:00 PM	24	354	7	0	385	5	2	2	0	9	1	284	8	0	293	12	1	26	2	41	728
05:15 PM	35	386	5	1	427	2	2	3	0	7	1	268	6	0	275	9	2	18	0	29	738
05:30 PM	32	355	6	0	393	6	3	7	0	16	2	255	5	0	262	8	3	17	1	29	700
05:45 PM	29	310	4	0	343	2	3	2	0	7	3	267	13	0	283	16	1	24	1	42	675
Total	120	1405	22	1	1548	15	10	14	0	39	7	1074	32	0	1113	45	7	85	4	141	2841
06:00 PM	22	293	6	0	321	8	5	3	0	16	2	212	7	0	221	14	5	15	0	34	592
06:15 PM	28	274	8	0	310	4	3	5	0	12	3	204	6	0	213	6	2	15	0	23	558
Grand Total	341	3929	75	2	4347	53	30	43	1	127	20	3088	88	1	3197	117	30	233	6	386	8057
Apprch %	7.8	90.4	1.7	0		41.7	23.6	33.9	0.8		0.6	96.6	2.8	0		30.3	7.8	60.4	1.6		
Total %	4.2	48.8	0.9	0	54	0.7	0.4	0.5	0	1.6	0.2	38.3	1.1	0	39.7	1.5	0.4	2.9	0.1	4.8	

Start Time	San Jose Blvd Southbound				Orange Picker Rd Westbound				San Jose Blvd Northbound				Orange Picker Rd Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 03:30 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	31	328	6	365	4	1	1	6	0	276	9	285	11	3	15	29	685
05:00 PM	24	354	7	385	5	2	2	9	1	284	8	293	12	1	26	39	726
05:15 PM	35	386	5	426	2	2	3	7	1	268	6	275	9	2	18	29	737
05:30 PM	32	355	6	393	6	3	7	16	2	255	5	262	8	3	17	28	699
Total Volume	122	1423	24	1569	17	8	13	38	4	1083	28	1115	40	9	76	125	2847
% App. Total	7.8	90.7	1.5		44.7	21.1	34.2		0.4	97.1	2.5		32	7.2	60.8		
PHF	.871	.922	.857	.921	.708	.667	.464	.594	.500	.953	.778	.951	.833	.750	.731	.801	.966

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Groups Printed- Trucks

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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:30 PM	0	2	0	0	2	0	0	1	0	1	0	9	0	0	9	0	2	2	0	4	16
03:45 PM	1	4	0	0	5	0	0	0	0	0	0	17	0	0	17	0	0	1	0	1	23
Total	1	6	0	0	7	0	0	1	0	1	0	26	0	0	26	0	2	3	0	5	39
04:00 PM	0	5	0	0	5	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	14
04:15 PM	0	2	0	0	2	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	9
04:30 PM	0	4	0	0	4	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	10
04:45 PM	0	1	0	0	1	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	7
Total	0	12	0	0	12	0	0	0	0	0	0	28	0	0	28	0	0	0	0	0	40
05:00 PM	1	2	0	0	3	0	0	0	0	0	0	10	0	0	10	0	0	2	0	2	15
05:15 PM	0	2	0	0	2	0	0	0	0	0	1	4	1	0	6	0	0	0	0	0	8
05:30 PM	0	2	0	0	2	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	11
05:45 PM	0	2	0	0	2	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	10
Total	1	8	0	0	9	0	0	0	0	0	1	31	1	0	33	0	0	2	0	2	44
06:00 PM	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	0	0	1	0	1	6
06:15 PM	0	5	0	0	5	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	7
Grand Total	2	32	0	0	34	0	0	1	0	1	1	91	1	0	93	0	2	6	0	8	136
Apprch %	5.9	94.1	0	0		0	0	100	0		1.1	97.8	1.1	0		0	25	75	0		
Total %	1.5	23.5	0	0	25	0	0	0.7	0	0.7	0.7	66.9	0.7	0	68.4	0	1.5	4.4	0	5.9	

Start Time	San Jose Blvd Southbound				Orange Picker Rd Westbound				San Jose Blvd Northbound				Orange Picker Rd Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 03:30 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	0	2	0	2	0	0	1	1	0	9	0	9	0	2	2	4	16
03:45 PM	1	4	0	5	0	0	0	0	0	17	0	17	0	0	1	1	23
04:00 PM	0	5	0	5	0	0	0	0	0	9	0	9	0	0	0	0	14
04:15 PM	0	2	0	2	0	0	0	0	0	7	0	7	0	0	0	0	9
Total Volume	1	13	0	14	0	0	1	1	0	42	0	42	0	2	3	5	62
% App. Total	7.1	92.9	0		0	0	100		0	100	0		0	40	60		
PHF	.250	.650	.000	.700	.000	.000	.250	.250	.000	.618	.000	.618	.000	.250	.375	.313	.674

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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:30 PM	29	286	7	1	323	3	2	1	0	6	1	299	6	0	306	7	4	17	1	29	664
03:45 PM	30	342	6	0	378	4	4	2	1	11	1	290	13	1	305	9	3	24	0	36	730
Total	59	628	13	1	701	7	6	3	1	17	2	589	19	1	611	16	7	41	1	65	1394
04:00 PM	28	334	7	0	369	6	0	6	0	12	3	279	7	0	289	10	2	25	0	37	707
04:15 PM	19	343	9	0	371	5	1	8	0	14	3	277	3	0	283	8	4	18	1	31	699
04:30 PM	35	341	4	0	380	4	4	4	0	12	0	225	5	0	230	7	2	22	0	31	653
04:45 PM	31	329	6	0	366	4	1	1	0	6	0	282	9	0	291	11	3	15	0	29	692
Total	113	1347	26	0	1486	19	6	19	0	44	6	1063	24	0	1093	36	11	80	1	128	2751
05:00 PM	25	356	7	0	388	5	2	2	0	9	1	294	8	0	303	12	1	28	2	43	743
05:15 PM	35	388	5	1	429	2	2	3	0	7	2	272	7	0	281	9	2	18	0	29	746
05:30 PM	32	357	6	0	395	6	3	7	0	16	2	264	5	0	271	8	3	17	1	29	711
05:45 PM	29	312	4	0	345	2	3	2	0	7	3	275	13	0	291	16	1	24	1	42	685
Total	121	1413	22	1	1557	15	10	14	0	39	8	1105	33	0	1146	45	7	87	4	143	2885
06:00 PM	22	294	6	0	322	8	5	3	0	16	2	216	7	0	225	14	5	16	0	35	598
06:15 PM	28	279	8	0	315	4	3	5	0	12	3	206	6	0	215	6	2	15	0	23	565
Grand Total	343	3961	75	2	4381	53	30	44	1	128	21	3179	89	1	3290	117	32	239	6	394	8193
Apprch %	7.8	90.4	1.7	0		41.4	23.4	34.4	0.8		0.6	96.6	2.7	0		29.7	8.1	60.7	1.5		
Total %	4.2	48.3	0.9	0	53.5	0.6	0.4	0.5	0	1.6	0.3	38.8	1.1	0	40.2	1.4	0.4	2.9	0.1	4.8	

Start Time	San Jose Blvd Southbound				Orange Picker Rd Westbound				San Jose Blvd Northbound				Orange Picker Rd Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 03:30 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	31	329	6	366	4	1	1	6	0	282	9	291	11	3	15	29	692
05:00 PM	25	356	7	388	5	2	2	9	1	294	8	303	12	1	28	41	741
05:15 PM	35	388	5	428	2	2	3	7	2	272	7	281	9	2	18	29	745
05:30 PM	32	357	6	395	6	3	7	16	2	264	5	271	8	3	17	28	710
Total Volume	123	1430	24	1577	17	8	13	38	5	1112	29	1146	40	9	78	127	2888
% App. Total	7.8	90.7	1.5		44.7	21.1	34.2		0.4	97	2.5		31.5	7.1	61.4		
PHF	.879	.921	.857	.921	.708	.667	.464	.594	.625	.946	.806	.946	.833	.750	.696	.774	.969

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Groups Printed- Cars

Start Time	San Jose Blvd Southbound					Marbon Rd Westbound					San Jose Blvd Northbound					C.U. Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	1	31	2	0	34	8	0	1	0	9	2	137	0	0	139	0	0	0	0	0	182
06:15 AM	1	65	2	0	68	6	0	1	2	9	4	182	0	0	186	0	0	0	0	0	263
06:30 AM	4	91	4	0	99	14	1	8	0	23	12	200	0	0	212	0	0	0	0	0	334
06:45 AM	3	133	4	0	140	9	0	2	0	11	8	197	0	0	205	0	1	1	0	2	358
Total	9	320	12	0	341	37	1	12	2	52	26	716	0	0	742	0	1	1	0	2	1137
07:00 AM	3	107	7	0	117	11	0	10	0	21	7	214	0	0	221	0	0	1	3	4	363
07:15 AM	3	115	1	0	119	12	2	17	0	31	12	226	1	0	239	0	1	3	0	4	393
07:30 AM	3	143	11	0	157	15	2	6	0	23	7	258	1	0	266	0	0	1	1	2	448
07:45 AM	6	189	9	0	204	15	2	7	1	25	11	264	0	0	275	0	0	0	1	1	505
Total	15	554	28	0	597	53	6	40	1	100	37	962	2	0	1001	0	1	5	5	11	1709
08:00 AM	9	174	8	0	191	14	1	11	0	26	10	238	2	0	250	0	0	2	0	2	469
08:15 AM	9	163	10	2	184	11	4	16	1	32	11	224	3	0	238	0	0	1	1	2	456
08:30 AM	10	182	9	0	201	20	1	11	0	32	11	258	2	0	271	0	0	0	1	1	505
08:45 AM	18	214	14	0	246	12	5	10	0	27	8	266	4	0	278	1	0	6	3	10	561
Total	46	733	41	2	822	57	11	48	1	117	40	986	11	0	1037	1	0	9	5	15	1991
Grand Total	70	1607	81	2	1760	147	18	100	4	269	103	2664	13	0	2780	1	2	15	10	28	4837
Apprch %	4	91.3	4.6	0.1		54.6	6.7	37.2	1.5		3.7	95.8	0.5	0		3.6	7.1	53.6	35.7		
Total %	1.4	33.2	1.7	0	36.4	3	0.4	2.1	0.1	5.6	2.1	55.1	0.3	0	57.5	0	0	0.3	0.2	0.6	

Start Time	San Jose Blvd Southbound				Marbon Rd Westbound				San Jose Blvd Northbound				C.U. Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	9	174	8	191	14	1	11	26	10	238	2	250	0	0	2	2	469
08:15 AM	9	163	10	182	11	4	16	31	11	224	3	238	0	0	1	1	452
08:30 AM	10	182	9	201	20	1	11	32	11	258	2	271	0	0	0	0	504
08:45 AM	18	214	14	246	12	5	10	27	8	266	4	278	1	0	6	7	558
Total Volume	46	733	41	820	57	11	48	116	40	986	11	1037	1	0	9	10	1983
% App. Total	5.6	89.4	5		49.1	9.5	41.4		3.9	95.1	1.1		10	0	90		
PHF	.639	.856	.732	.833	.713	.550	.750	.906	.909	.927	.688	.933	.250	.000	.375	.357	.888

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Groups Printed- Trucks

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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total		
06:00 AM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
06:15 AM	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	6
06:30 AM	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	5
06:45 AM	0	6	3	0	9	1	0	0	0	1	0	3	0	0	3	0	0	0	0	0	0	13
Total	0	17	3	0	20	1	0	0	0	1	0	6	0	0	6	0	0	0	0	0	0	27
07:00 AM	0	9	1	0	10	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	14
07:15 AM	0	10	3	0	13	1	0	0	0	1	0	3	0	0	3	0	0	0	0	0	0	17
07:30 AM	0	15	2	0	17	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	19
07:45 AM	0	16	0	0	16	4	0	0	0	4	1	5	0	0	6	0	0	0	0	0	0	26
Total	0	50	6	0	56	5	0	0	0	5	1	14	0	0	15	0	0	0	0	0	0	76
08:00 AM	0	10	0	0	10	0	0	0	0	0	1	8	0	0	9	0	0	0	0	0	0	19
08:15 AM	0	19	0	0	19	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	22
08:30 AM	0	6	2	0	8	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	14
08:45 AM	0	9	0	0	9	0	0	0	0	0	0	12	0	0	12	0	1	1	0	0	2	23
Total	0	44	2	0	46	0	0	0	0	0	1	29	0	0	30	0	1	1	0	0	2	78
Grand Total	0	111	11	0	122	6	0	0	0	6	2	49	0	0	51	0	1	1	0	0	2	181
Apprch %	0	91	9	0		100	0	0	0		3.9	96.1	0	0		0	50	50	0	0		
Total %	0	61.3	6.1	0	67.4	3.3	0	0	0	3.3	1.1	27.1	0	0	28.2	0	0.6	0.6	0	0	1.1	

Start Time	San Jose Blvd Southbound				Marbon Rd Westbound				San Jose Blvd Northbound				C.U. Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	15	2	17	0	0	0	0	0	2	0	2	0	0	0	0	19
07:45 AM	0	16	0	16	4	0	0	4	1	5	0	6	0	0	0	0	26
08:00 AM	0	10	0	10	0	0	0	0	1	8	0	9	0	0	0	0	19
08:15 AM	0	19	0	19	0	0	0	0	0	3	0	3	0	0	0	0	22
Total Volume	0	60	2	62	4	0	0	4	2	18	0	20	0	0	0	0	86
% App. Total	0	96.8	3.2		100	0	0		10	90	0		0	0	0		
PHF	.000	.789	.250	.816	.250	.000	.000	.250	.500	.563	.000	.556	.000	.000	.000	.000	.827

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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	1	34	2	0	37	8	0	1	0	9	2	137	0	0	139	0	0	0	0	0	185
06:15 AM	1	70	2	0	73	6	0	1	2	9	4	183	0	0	187	0	0	0	0	0	269
06:30 AM	4	94	4	0	102	14	1	8	0	23	12	202	0	0	214	0	0	0	0	0	339
06:45 AM	3	139	7	0	149	10	0	2	0	12	8	200	0	0	208	0	1	1	0	2	371
Total	9	337	15	0	361	38	1	12	2	53	26	722	0	0	748	0	1	1	0	2	1164
07:00 AM	3	116	8	0	127	11	0	10	0	21	7	218	0	0	225	0	0	1	3	4	377
07:15 AM	3	125	4	0	132	13	2	17	0	32	12	229	1	0	242	0	1	3	0	4	410
07:30 AM	3	158	13	0	174	15	2	6	0	23	7	260	1	0	268	0	0	1	1	2	467
07:45 AM	6	205	9	0	220	19	2	7	1	29	12	269	0	0	281	0	0	0	1	1	531
Total	15	604	34	0	653	58	6	40	1	105	38	976	2	0	1016	0	1	5	5	11	1785
08:00 AM	9	184	8	0	201	14	1	11	0	26	11	246	2	0	259	0	0	2	0	2	488
08:15 AM	9	182	10	2	203	11	4	16	1	32	11	227	3	0	241	0	0	1	1	2	478
08:30 AM	10	188	11	0	209	20	1	11	0	32	11	264	2	0	277	0	0	0	1	1	519
08:45 AM	18	223	14	0	255	12	5	10	0	27	8	278	4	0	290	1	1	7	3	12	584
Total	46	777	43	2	868	57	11	48	1	117	41	1015	11	0	1067	1	1	10	5	17	2069
Grand Total	70	1718	92	2	1882	153	18	100	4	275	105	2713	13	0	2831	1	3	16	10	30	5018
Apprch %	3.7	91.3	4.9	0.1		55.6	6.5	36.4	1.5		3.7	95.8	0.5	0		3.3	10	53.3	33.3		
Total %	1.4	34.2	1.8	0	37.5	3	0.4	2	0.1	5.5	2.1	54.1	0.3	0	56.4	0	0.1	0.3	0.2	0.6	

Start Time	San Jose Blvd Southbound					Marbon Rd Westbound					San Jose Blvd Northbound					C.U. Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 08:00 AM																					
08:00 AM	9	184	8		201	14	1	11		26	11	246	2		259	0	0	2		2	488
08:15 AM	9	182	10		201	11	4	16		31	11	227	3		241	0	0	1		1	474
08:30 AM	10	188	11		209	20	1	11		32	11	264	2		277	0	0	0		0	518
08:45 AM	18	223	14		255	12	5	10		27	8	278	4		290	1	1	7		9	581
Total Volume	46	777	43		866	57	11	48		116	41	1015	11		1067	1	1	10		12	2061
% App. Total	5.3	89.7	5			49.1	9.5	41.4			3.8	95.1	1			8.3	8.3	83.3			
PHF	.639	.871	.768		.849	.713	.550	.750		.906	.932	.913	.688		.920	.250	.250	.357		.333	.887

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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
11:30 AM	6	249	17	0	272	6	1	19	2	28	16	244	1	0	261	3	2	4	0	9	570
11:45 AM	6	266	23	0	295	11	3	22	0	36	26	255	3	0	284	1	2	8	0	11	626
Total	12	515	40	0	567	17	4	41	2	64	42	499	4	0	545	4	4	12	0	20	1196
12:00 PM	5	261	25	0	291	16	1	14	1	32	19	262	6	0	287	3	5	14	0	22	632
12:15 PM	4	272	20	0	296	24	3	18	0	45	31	318	4	1	354	3	4	8	0	15	710
12:30 PM	3	277	27	0	307	21	0	20	0	41	22	277	1	0	300	1	1	8	0	10	658
12:45 PM	9	285	25	0	319	21	4	24	0	49	17	269	1	0	287	1	1	10	0	12	667
Total	21	1095	97	0	1213	82	8	76	1	167	89	1126	12	1	1228	8	11	40	0	59	2667
01:00 PM	4	274	32	0	310	17	2	23	1	43	22	248	2	0	272	0	0	11	2	13	638
01:15 PM	11	285	26	0	322	13	3	16	2	34	13	267	2	0	282	5	2	6	0	13	651
Grand Total	48	2169	195	0	2412	129	17	156	6	308	166	2140	20	1	2327	17	17	69	2	105	5152
Apprch %	2	89.9	8.1	0		41.9	5.5	50.6	1.9		7.1	92	0.9	0		16.2	16.2	65.7	1.9		
Total %	0.9	42.1	3.8	0	46.8	2.5	0.3	3	0.1	6	3.2	41.5	0.4	0	45.2	0.3	0.3	1.3	0	2	

Start Time	San Jose Blvd Southbound				Marbon Rd Westbound				San Jose Blvd Northbound				C.U. Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 12:15 PM																	
12:15 PM	4	272	20	296	24	3	18	45	31	318	4	353	3	4	8	15	709
12:30 PM	3	277	27	307	21	0	20	41	22	277	1	300	1	1	8	10	658
12:45 PM	9	285	25	319	21	4	24	49	17	269	1	287	1	1	10	12	667
01:00 PM	4	274	32	310	17	2	23	42	22	248	2	272	0	0	11	11	635
Total Volume	20	1108	104	1232	83	9	85	177	92	1112	8	1212	5	6	37	48	2669
% App. Total	1.6	89.9	8.4		46.9	5.1	48		7.6	91.7	0.7		10.4	12.5	77.1		
PHF	.556	.972	.813	.966	.865	.563	.885	.903	.742	.874	.500	.858	.417	.375	.841	.800	.941

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Groups Printed- Trucks

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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
11:30 AM	0	10	1	0	11	0	0	0	0	0	2	12	1	0	15	0	0	0	0	0	26
11:45 AM	0	6	1	0	7	0	0	0	0	0	0	7	1	0	8	0	0	1	0	1	16
Total	0	16	2	0	18	0	0	0	0	0	2	19	2	0	23	0	0	1	0	1	42
12:00 PM	0	11	0	0	11	1	0	0	0	1	0	6	0	0	6	0	0	0	0	0	18
12:15 PM	0	5	0	0	5	0	0	2	0	2	0	10	0	0	10	0	0	0	0	0	17
12:30 PM	0	9	3	0	12	1	0	0	0	1	0	5	0	0	5	0	0	0	0	0	18
12:45 PM	0	6	0	0	6	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	11
Total	0	31	3	0	34	2	0	2	0	4	0	26	0	0	26	0	0	0	0	0	64
01:00 PM	0	6	0	0	6	0	0	0	0	0	1	8	0	0	9	0	0	0	0	0	15
01:15 PM	0	8	0	0	8	0	0	0	0	0	1	4	0	0	5	0	0	0	0	0	13
Grand Total	0	61	5	0	66	2	0	2	0	4	4	57	2	0	63	0	0	1	0	1	134
Apprch %	0	92.4	7.6	0		50	0	50	0		6.3	90.5	3.2	0		0	0	100	0		
Total %	0	45.5	3.7	0	49.3	1.5	0	1.5	0	3	3	42.5	1.5	0	47	0	0	0.7	0	0.7	

Start Time	San Jose Blvd Southbound					Marbon Rd Westbound					San Jose Blvd Northbound					C.U. Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:30 AM																					
11:30 AM	0	10	1	0	11	0	0	0	0	0	2	12	1	0	15	0	0	0	0	0	26
11:45 AM	0	6	1	0	7	0	0	0	0	0	0	7	1	0	8	0	0	1	0	1	16
12:00 PM	0	11	0	0	11	1	0	0	0	1	0	6	0	0	6	0	0	0	0	0	18
12:15 PM	0	5	0	0	5	0	0	2	0	2	0	10	0	0	10	0	0	0	0	0	17
Total Volume	0	32	2	0	34	1	0	2	0	3	2	35	2	0	39	0	0	1	0	1	77
% App. Total	0	94.1	5.9	0		33.3	0	66.7	0		5.1	89.7	5.1	0		0	0	100	0		
PHF	.000	.727	.500	.773		.250	.000	.250	.375		.250	.729	.500	.650		.000	.000	.250	.250		.740

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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
11:30 AM	6	259	18	0	283	6	1	19	2	28	18	256	2	0	276	3	2	4	0	9	596
11:45 AM	6	272	24	0	302	11	3	22	0	36	26	262	4	0	292	1	2	9	0	12	642
Total	12	531	42	0	585	17	4	41	2	64	44	518	6	0	568	4	4	13	0	21	1238
12:00 PM	5	272	25	0	302	17	1	14	1	33	19	268	6	0	293	3	5	14	0	22	650
12:15 PM	4	277	20	0	301	24	3	20	0	47	31	328	4	1	364	3	4	8	0	15	727
12:30 PM	3	286	30	0	319	22	0	20	0	42	22	282	1	0	305	1	1	8	0	10	676
12:45 PM	9	291	25	0	325	21	4	24	0	49	17	274	1	0	292	1	1	10	0	12	678
Total	21	1126	100	0	1247	84	8	78	1	171	89	1152	12	1	1254	8	11	40	0	59	2731
01:00 PM	4	280	32	0	316	17	2	23	1	43	23	256	2	0	281	0	0	11	2	13	653
01:15 PM	11	293	26	0	330	13	3	16	2	34	14	271	2	0	287	5	2	6	0	13	664
Grand Total	48	2230	200	0	2478	131	17	158	6	312	170	2197	22	1	2390	17	17	70	2	106	5286
Apprch %	1.9	90	8.1	0		42	5.4	50.6	1.9		7.1	91.9	0.9	0		16	16	66	1.9		
Total %	0.9	42.2	3.8	0	46.9	2.5	0.3	3	0.1	5.9	3.2	41.6	0.4	0	45.2	0.3	0.3	1.3	0	2	

Start Time	San Jose Blvd Southbound				Marbon Rd Westbound				San Jose Blvd Northbound				C.U. Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 12:15 PM																	
12:15 PM	4	277	20	301	24	3	20	47	31	328	4	363	3	4	8	15	726
12:30 PM	3	286	30	319	22	0	20	42	22	282	1	305	1	1	8	10	676
12:45 PM	9	291	25	325	21	4	24	49	17	274	1	292	1	1	10	12	678
01:00 PM	4	280	32	316	17	2	23	42	23	256	2	281	0	0	11	11	650
Total Volume	20	1134	107	1261	84	9	87	180	93	1140	8	1241	5	6	37	48	2730
% App. Total	1.6	89.9	8.5		46.7	5	48.3		7.5	91.9	0.6		10.4	12.5	77.1		
PHF	.556	.974	.836	.970	.875	.563	.906	.918	.750	.869	.500	.855	.417	.375	.841	.800	.940

Peggy Malone & Associates
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Groups Printed- Cars

Start Time	San Jose Blvd Southbound					Marbon Rd Westbound					San Jose Blvd Northbound					C.U. Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:30 PM	3	276	10	0	289	19	0	15	0	34	9	278	1	0	288	0	1	7	0	8	619
03:45 PM	6	325	25	0	356	10	0	22	0	32	28	264	5	0	297	4	1	14	1	20	705
Total	9	601	35	0	645	29	0	37	0	66	37	542	6	0	585	4	2	21	1	28	1324
04:00 PM	3	318	17	0	338	13	1	27	0	41	13	257	4	0	274	0	4	10	0	14	667
04:15 PM	5	329	27	0	361	12	0	20	0	32	17	260	0	0	277	0	1	8	1	10	680
04:30 PM	0	334	19	0	353	14	0	30	0	44	11	198	2	0	211	1	1	10	0	12	620
04:45 PM	1	316	26	2	345	15	0	16	0	31	16	258	1	0	275	1	3	6	0	10	661
Total	9	1297	89	2	1397	54	1	93	0	148	57	973	7	0	1037	2	9	34	1	46	2628
05:00 PM	0	354	20	0	374	24	0	27	0	51	24	259	1	0	284	1	0	14	0	15	724
05:15 PM	1	375	27	0	403	22	1	27	2	52	22	248	2	0	272	1	4	7	1	13	740
05:30 PM	1	343	31	0	375	18	1	20	0	39	21	232	3	0	256	0	0	18	0	18	688
05:45 PM	0	304	27	0	331	15	2	15	0	32	15	251	2	0	268	1	2	9	0	12	643
Total	2	1376	105	0	1483	79	4	89	2	174	82	990	8	0	1080	3	6	48	1	58	2795
06:00 PM	2	286	19	0	307	14	0	20	0	34	19	197	1	0	217	0	0	8	0	8	566
06:15 PM	0	271	28	0	299	12	0	17	0	29	26	195	0	0	221	0	0	4	0	4	553
Grand Total	22	3831	276	2	4131	188	5	256	2	451	221	2897	22	0	3140	9	17	115	3	144	7866
Apprch %	0.5	92.7	6.7	0		41.7	1.1	56.8	0.4		7	92.3	0.7	0		6.2	11.8	79.9	2.1		
Total %	0.3	48.7	3.5	0	52.5	2.4	0.1	3.3	0	5.7	2.8	36.8	0.3	0	39.9	0.1	0.2	1.5	0	1.8	

Start Time	San Jose Blvd Southbound				Marbon Rd Westbound				San Jose Blvd Northbound				C.U. Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 03:30 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	1	316	26	343	15	0	16	31	16	258	1	275	1	3	6	10	659
05:00 PM	0	354	20	374	24	0	27	51	24	259	1	284	1	0	14	15	724
05:15 PM	1	375	27	403	22	1	27	50	22	248	2	272	1	4	7	12	737
05:30 PM	1	343	31	375	18	1	20	39	21	232	3	256	0	0	18	18	688
Total Volume	3	1388	104	1495	79	2	90	171	83	997	7	1087	3	7	45	55	2808
% App. Total	0.2	92.8	7		46.2	1.2	52.6		7.6	91.7	0.6		5.5	12.7	81.8		
PHF	.750	.925	.839	.927	.823	.500	.833	.838	.865	.962	.583	.957	.750	.438	.625	.764	.953

Peggy Malone & Associates
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Groups Printed- Trucks

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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:30 PM	0	1	1	0	2	1	0	0	0	1	0	8	0	0	8	0	0	0	0	0	11
03:45 PM	0	4	0	0	4	0	0	0	0	0	0	17	0	0	17	0	0	0	0	0	21
Total	0	5	1	0	6	1	0	0	0	1	0	25	0	0	25	0	0	0	0	0	32
04:00 PM	1	5	0	0	6	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	16
04:15 PM	0	2	0	0	2	0	0	1	0	1	1	7	0	0	8	0	0	0	0	0	11
04:30 PM	0	4	1	0	5	0	0	1	0	1	0	6	0	0	6	0	0	0	0	0	12
04:45 PM	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	5
Total	1	12	1	0	14	0	0	2	0	2	1	27	0	0	28	0	0	0	0	0	44
05:00 PM	0	3	0	0	3	0	0	0	0	0	0	9	0	0	9	0	0	1	0	1	13
05:15 PM	0	1	1	0	2	0	0	0	0	0	1	5	0	0	6	0	0	0	0	0	8
05:30 PM	0	1	0	0	1	0	0	0	0	0	1	8	0	0	9	0	0	0	0	0	10
05:45 PM	0	3	1	0	4	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	11
Total	0	8	2	0	10	0	0	0	0	0	2	29	0	0	31	0	0	1	0	1	42
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4
06:15 PM	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	5
Grand Total	1	28	4	0	33	1	0	2	0	3	3	87	0	0	90	0	0	1	0	1	127
Apprch %	3	84.8	12.1	0		33.3	0	66.7	0		3.3	96.7	0	0		0	0	100	0		
Total %	0.8	22	3.1	0	26	0.8	0	1.6	0	2.4	2.4	68.5	0	0	70.9	0	0	0.8	0	0.8	

Start Time	San Jose Blvd Southbound				Marbon Rd Westbound				San Jose Blvd Northbound				C.U. Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 03:30 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:45 PM																	
03:45 PM	0	4	0	4	0	0	0	0	0	17	0	17	0	0	0	0	21
04:00 PM	1	5	0	6	0	0	0	0	0	10	0	10	0	0	0	0	16
04:15 PM	0	2	0	2	0	0	1	1	1	7	0	8	0	0	0	0	11
04:30 PM	0	4	1	5	0	0	1	1	0	6	0	6	0	0	0	0	12
Total Volume	1	15	1	17	0	0	2	2	1	40	0	41	0	0	0	0	60
% App. Total	5.9	88.2	5.9		0	0	100		2.4	97.6	0		0	0	0		
PHF	.250	.750	.250	.708	.000	.000	.500	.500	.250	.588	.000	.603	.000	.000	.000	.000	.714

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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:30 PM	3	277	11	0	291	20	0	15	0	35	9	286	1	0	296	0	1	7	0	8	630
03:45 PM	6	329	25	0	360	10	0	22	0	32	28	281	5	0	314	4	1	14	1	20	726
Total	9	606	36	0	651	30	0	37	0	67	37	567	6	0	610	4	2	21	1	28	1356
04:00 PM	4	323	17	0	344	13	1	27	0	41	13	267	4	0	284	0	4	10	0	14	683
04:15 PM	5	331	27	0	363	12	0	21	0	33	18	267	0	0	285	0	1	8	1	10	691
04:30 PM	0	338	20	0	358	14	0	31	0	45	11	204	2	0	217	1	1	10	0	12	632
04:45 PM	1	317	26	2	346	15	0	16	0	31	16	262	1	0	279	1	3	6	0	10	666
Total	10	1309	90	2	1411	54	1	95	0	150	58	1000	7	0	1065	2	9	34	1	46	2672
05:00 PM	0	357	20	0	377	24	0	27	0	51	24	268	1	0	293	1	0	15	0	16	737
05:15 PM	1	376	28	0	405	22	1	27	2	52	23	253	2	0	278	1	4	7	1	13	748
05:30 PM	1	344	31	0	376	18	1	20	0	39	22	240	3	0	265	0	0	18	0	18	698
05:45 PM	0	307	28	0	335	15	2	15	0	32	15	258	2	0	275	1	2	9	0	12	654
Total	2	1384	107	0	1493	79	4	89	2	174	84	1019	8	0	1111	3	6	49	1	59	2837
06:00 PM	2	286	19	0	307	14	0	20	0	34	19	201	1	0	221	0	0	8	0	8	570
06:15 PM	0	274	28	0	302	12	0	17	0	29	26	197	0	0	223	0	0	4	0	4	558
Grand Total	23	3859	280	2	4164	189	5	258	2	454	224	2984	22	0	3230	9	17	116	3	145	7993
Apprch %	0.6	92.7	6.7	0		41.6	1.1	56.8	0.4		6.9	92.4	0.7	0		6.2	11.7	80	2.1		
Total %	0.3	48.3	3.5	0	52.1	2.4	0.1	3.2	0	5.7	2.8	37.3	0.3	0	40.4	0.1	0.2	1.5	0	1.8	

Start Time	San Jose Blvd Southbound				Marbon Rd Westbound				San Jose Blvd Northbound				C.U. Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 03:30 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	1	317	26	344	15	0	16	31	16	262	1	279	1	3	6	10	664
05:00 PM	0	357	20	377	24	0	27	51	24	268	1	293	1	0	15	16	737
05:15 PM	1	376	28	405	22	1	27	50	23	253	2	278	1	4	7	12	745
05:30 PM	1	344	31	376	18	1	20	39	22	240	3	265	0	0	18	18	698
Total Volume	3	1394	105	1502	79	2	90	171	85	1023	7	1115	3	7	46	56	2844
% App. Total	0.2	92.8	7		46.2	1.2	52.6		7.6	91.7	0.6		5.4	12.5	82.1		
PHF	.750	.927	.847	.927	.823	.500	.833	.838	.885	.954	.583	.951	.750	.438	.639	.778	.954

Peggy Malone & Associates
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Groups Printed- Cars

Start Time	San Jose Blvd Southbound					Car Wash Westbound					San Jose Blvd Northbound					Mandarin Meadows Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:15 PM	4	291	4	0	299	0	0	0	2	2	0	204	1	0	205	1	1	4	1	7	513
06:30 PM	2	276	4	0	282	0	0	0	0	0	0	229	0	0	229	1	0	2	1	4	515
06:45 PM	3	233	3	0	239	0	0	0	4	4	0	190	0	0	190	3	0	1	0	4	437
Total	12	1104	16	0	1132	0	0	0	8	8	0	867	1	0	868	8	1	9	2	20	2028
Grand Total	138	12989	190	3	13320	0	0	0	59	59	0	13368	48	3	13419	58	1	93	31	183	26981
Apprch %	1	97.5	1.4	0		0	0	0	100		0	99.6	0.4	0		31.7	0.5	50.8	16.9		
Total %	0.5	48.1	0.7	0	49.4	0	0	0	0.2	0.2	0	49.5	0.2	0	49.7	0.2	0	0.3	0.1	0.7	

Start Time	San Jose Blvd Southbound					Car Wash Westbound					San Jose Blvd Northbound					Mandarin Meadows Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 12:30 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:45 AM																					
11:45 AM	8	293	5	0	306	0	0	0	0	0	0	266	4	270	1	0	1	2	2	578	
12:00 PM	4	267	4	0	275	0	0	0	0	0	0	290	1	291	1	0	4	5	5	571	
12:15 PM	4	299	4	0	307	0	0	0	0	0	0	344	1	345	0	0	1	1	1	653	
12:30 PM	4	297	6	0	307	0	0	0	0	0	0	299	1	300	2	0	1	3	3	610	
Total Volume	20	1156	19	0	1195	0	0	0	0	0	0	1199	7	1206	4	0	7	11	11	2412	
% App. Total	1.7	96.7	1.6	0		0	0	0	0	0	0	99.4	0.6		36.4	0	63.6				
PHF	.625	.967	.792	.973		.000	.000	.000	.000	.000	.000	.871	.438	.874	.500	.000	.438	.550		.923	

Start Time	San Jose Blvd Southbound					Car Wash Westbound					San Jose Blvd Northbound					Mandarin Meadows Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 12:45 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	4	382	7	0	393	0	0	0	0	0	0	292	1	293	1	0	1	2	2	688	
05:15 PM	5	389	5	0	399	0	0	0	0	0	0	267	2	269	0	0	2	2	2	670	
05:30 PM	3	358	3	0	364	0	0	0	0	0	0	261	3	264	2	0	1	3	3	631	
05:45 PM	4	348	3	0	355	0	0	0	0	0	0	256	1	257	0	0	3	3	3	615	
Total Volume	16	1477	18	0	1511	0	0	0	0	0	0	1076	7	1083	3	0	7	10	10	2604	
% App. Total	1.1	97.7	1.2	0		0	0	0	0	0	0	99.4	0.6		30	0	70				
PHF	.800	.949	.643	.947		.000	.000	.000	.000	.000	.000	.921	.583	.924	.375	.000	.583	.833		.946	

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Start Time	San Jose Blvd Southbound					Car Wash Westbound					San Jose Blvd Northbound					Mandarin Meadows Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apprch %	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		
Total %																					

Start Time	San Jose Blvd Southbound					Car Wash Westbound					San Jose Blvd Northbound					Mandarin Meadows Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Peak Hour Analysis From 12:45 PM to 06:45 PM - Peak 1 of 1

Start Time	San Jose Blvd Southbound					Car Wash Westbound					San Jose Blvd Northbound					Mandarin Meadows Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Peggy Malone & Associates
904-992-8072

Note: Utility work truck blocked SB lane 8-9am, traffic directed to go around truck.

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Groups Printed- Cars

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr N Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total					
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total						
06:00 AM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	4
06:15 AM	0	2	0	0	2	1	0	0	0	1	0	3	0	0	3	0	0	0	0	1	0	0	0	0	1	7
06:30 AM	0	1	0	0	1	0	0	1	1	2	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	5
06:45 AM	0	5	0	0	5	1	0	0	0	1	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	12
Total	0	10	0	0	10	2	0	1	1	4	1	12	0	0	13	0	0	0	0	1	0	0	0	0	1	28
07:00 AM	0	3	1	0	4	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	7
07:15 AM	0	4	0	0	4	1	0	0	5	6	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	11
07:30 AM	0	6	0	0	6	0	0	0	4	4	1	7	0	0	8	0	0	0	0	1	0	0	0	0	1	19
07:45 AM	0	11	1	0	12	1	0	2	1	4	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	23
Total	0	24	2	0	26	2	0	2	10	14	1	18	0	0	19	0	0	0	0	1	0	0	0	0	1	60
08:00 AM	0	10	1	0	11	0	0	1	2	3	1	15	0	0	16	0	0	0	0	2	0	0	0	0	2	32
08:15 AM	0	5	0	0	5	2	0	0	3	5	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	19
08:30 AM	0	7	0	1	8	0	0	0	1	1	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	14
08:45 AM	0	8	1	0	9	4	0	0	2	6	1	12	0	0	13	0	0	0	0	4	0	0	0	0	4	32
Total	0	30	2	1	33	6	0	1	8	15	2	41	0	0	43	0	0	0	0	6	0	0	0	0	6	97
Grand Total	0	64	4	1	69	10	0	4	19	33	4	71	0	0	75	0	0	0	0	8	0	0	0	0	8	185
Apprch %	0	92.8	5.8	1.4		30.3	0	12.1	57.6		5.3	94.7	0	0		0	0	0	0	100						
Total %	0	34.6	2.2	0.5	37.3	5.4	0	2.2	10.3	17.8	2.2	38.4	0	0	40.5	0	0	0	0	4.3	0	0	0	0	4.3	

Start Time	Flynn Rd Southbound				Mandarin Meadows Dr N Westbound				Flynn Rd Northbound				Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	10	1	11	0	0	1	1	1	15	0	16	0	0	0	0	28
08:15 AM	0	5	0	5	2	0	0	2	0	9	0	9	0	0	0	0	16
08:30 AM	0	7	0	7	0	0	0	0	0	5	0	5	0	0	0	0	12
08:45 AM	0	8	1	9	4	0	0	4	1	12	0	13	0	0	0	0	26
Total Volume	0	30	2	32	6	0	1	7	2	41	0	43	0	0	0	0	82
% App. Total	0	93.8	6.2		85.7	0	14.3		4.7	95.3	0		0	0	0		
PHF	.000	.750	.500	.727	.375	.000	.250	.438	.500	.683	.000	.672	.000	.000	.000	.000	.732

Peggy Malone & Associates
904-992-8072

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Groups Printed- Trucks

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr N Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
08:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Grand Total	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Apprch %	0	100	0	0		0	0	0	0		0	100	0	0		0	0	0	0		
Total %	0	50	0	0	50	0	0	0	0	0	0	50	0	0	50	0	0	0	0	0	

Start Time	Flynn Rd Southbound				Mandarin Meadows Dr N Westbound				Flynn Rd Northbound				Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
08:00 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.500

Peggy Malone & Associates
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Groups Printed- Combined

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr N Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total					
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total						
06:00 AM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	4
06:15 AM	0	2	0	0	2	1	0	0	0	1	0	3	0	0	3	0	0	0	0	1	0	0	0	0	1	7
06:30 AM	0	1	0	0	1	0	0	1	1	2	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	5
06:45 AM	0	5	0	0	5	1	0	0	0	1	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	12
Total	0	10	0	0	10	2	0	1	1	4	1	12	0	0	13	0	0	0	0	1	0	0	0	0	1	28
07:00 AM	0	3	1	0	4	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	7
07:15 AM	0	4	0	0	4	1	0	0	5	6	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	11
07:30 AM	0	6	0	0	6	0	0	0	4	4	1	7	0	0	8	0	0	0	0	1	0	0	0	1	1	19
07:45 AM	0	11	1	0	12	1	0	2	1	4	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	24
Total	0	24	2	0	26	2	0	2	10	14	1	19	0	0	20	0	0	0	0	1	0	0	0	1	1	61
08:00 AM	0	11	1	0	12	0	0	1	2	3	1	15	0	0	16	0	0	0	2	2	0	0	0	2	2	33
08:15 AM	0	5	0	0	5	2	0	0	3	5	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	19
08:30 AM	0	7	0	1	8	0	0	0	1	1	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	14
08:45 AM	0	8	1	0	9	4	0	0	2	6	1	12	0	0	13	0	0	0	4	4	0	0	0	4	4	32
Total	0	31	2	1	34	6	0	1	8	15	2	41	0	0	43	0	0	0	6	6	0	0	0	6	6	98
Grand Total	0	65	4	1	70	10	0	4	19	33	4	72	0	0	76	0	0	0	8	8	0	0	0	8	8	187
Apprch %	0	92.9	5.7	1.4		30.3	0	12.1	57.6		5.3	94.7	0	0		0	0	0	100		0	0	0	100		
Total %	0	34.8	2.1	0.5	37.4	5.3	0	2.1	10.2	17.6	2.1	38.5	0	0	40.6	0	0	0	4.3	4.3	0	0	0	4.3	4.3	

Start Time	Flynn Rd Southbound				Mandarin Meadows Dr N Westbound				Flynn Rd Northbound				Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	11	1	12	0	0	1	1	1	15	0	16	0	0	0	0	29
08:15 AM	0	5	0	5	2	0	0	2	0	9	0	9	0	0	0	0	16
08:30 AM	0	7	0	7	0	0	0	0	0	5	0	5	0	0	0	0	12
08:45 AM	0	8	1	9	4	0	0	4	1	12	0	13	0	0	0	0	26
Total Volume	0	31	2	33	6	0	1	7	2	41	0	43	0	0	0	0	83
% App. Total	0	93.9	6.1		85.7	0	14.3		4.7	95.3	0		0	0	0		
PHF	.000	.705	.500	.688	.375	.000	.250	.438	.500	.683	.000	.672	.000	.000	.000	.000	.716

Peggy Malone & Associates
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Groups Printed- Cars

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr N Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
11:30 AM	0	16	1	0	17	1	0	1	7	9	2	16	0	0	18	0	0	0	2	2	46
11:45 AM	0	12	0	0	12	6	0	1	3	10	1	12	0	0	13	0	0	0	0	0	35
Total	0	28	1	0	29	7	0	2	10	19	3	28	0	0	31	0	0	0	2	2	81
12:00 PM	0	8	0	0	8	2	0	0	2	4	1	15	0	0	16	0	0	0	0	0	28
12:15 PM	0	11	1	0	12	1	0	0	1	2	0	9	0	0	9	0	0	0	1	1	24
12:30 PM	0	6	0	0	6	1	0	0	1	2	0	16	0	0	16	0	0	0	0	0	24
12:45 PM	0	13	1	0	14	2	0	0	1	3	0	13	0	0	13	0	0	0	1	1	31
Total	0	38	2	0	40	6	0	0	5	11	1	53	0	0	54	0	0	0	2	2	107
01:00 PM	0	5	1	0	6	1	0	0	1	2	0	15	0	0	15	0	0	0	0	0	23
01:15 PM	0	15	0	0	15	3	0	0	1	4	0	14	0	0	14	0	0	0	0	0	33
Grand Total	0	86	4	0	90	17	0	2	17	36	4	110	0	0	114	0	0	0	4	4	244
Apprch %	0	95.6	4.4	0		47.2	0	5.6	47.2		3.5	96.5	0	0		0	0	0	100		
Total %	0	35.2	1.6	0	36.9	7	0	0.8	7	14.8	1.6	45.1	0	0	46.7	0	0	0	1.6	1.6	

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr N Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:30 AM																					
11:30 AM	0	16	1	0	17	1	0	1	7	9	2	16	0	0	18	0	0	0	0	0	37
11:45 AM	0	12	0	0	12	6	0	1	3	10	1	12	0	0	13	0	0	0	0	0	32
12:00 PM	0	8	0	0	8	2	0	0	2	4	1	15	0	0	16	0	0	0	0	0	26
12:15 PM	0	11	1	0	12	1	0	0	1	2	0	9	0	0	9	0	0	0	0	0	22
Total Volume	0	47	2	0	49	10	0	2	12	12	4	52	0	0	56	0	0	0	0	0	117
% App. Total	0	95.9	4.1	0		83.3	0	16.7			7.1	92.9	0	0		0	0	0	0		
PHF	.000	.734	.500	.721		.417	.000	.500	.429		.500	.813	.000	.778		.000	.000	.000	.000		.791

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Groups Printed- Combined

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr N Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
11:30 AM	0	17	1	0	18	1	0	1	7	9	2	16	0	0	18	0	0	0	2	2	47
11:45 AM	0	12	0	0	12	6	0	1	3	10	1	12	0	0	13	0	0	0	0	0	35
Total	0	29	1	0	30	7	0	2	10	19	3	28	0	0	31	0	0	0	2	2	82
12:00 PM	0	8	0	0	8	2	0	0	2	4	1	15	0	0	16	0	0	0	0	0	28
12:15 PM	0	11	1	0	12	1	0	0	1	2	0	9	0	0	9	0	0	0	1	1	24
12:30 PM	0	7	0	0	7	1	0	0	1	2	0	16	0	0	16	0	0	0	0	0	25
12:45 PM	0	13	1	0	14	2	0	0	1	3	0	13	0	0	13	0	0	0	1	1	31
Total	0	39	2	0	41	6	0	0	5	11	1	53	0	0	54	0	0	0	2	2	108
01:00 PM	0	6	1	0	7	1	0	0	1	2	0	15	0	0	15	0	0	0	0	0	24
01:15 PM	0	15	0	0	15	3	0	0	1	4	0	14	0	0	14	0	0	0	0	0	33
Grand Total	0	89	4	0	93	17	0	2	17	36	4	110	0	0	114	0	0	0	4	4	247
Apprch %	0	95.7	4.3	0		47.2	0	5.6	47.2		3.5	96.5	0	0		0	0	0	100		
Total %	0	36	1.6	0	37.7	6.9	0	0.8	6.9	14.6	1.6	44.5	0	0	46.2	0	0	0	1.6	1.6	

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr N Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:30 AM																					
11:30 AM	0	17	1	0	18	1	0	1	7	9	2	16	0	0	18	0	0	0	2	2	38
11:45 AM	0	12	0	0	12	6	0	1	3	10	1	12	0	0	13	0	0	0	0	0	32
12:00 PM	0	8	0	0	8	2	0	0	2	4	1	15	0	0	16	0	0	0	0	0	26
12:15 PM	0	11	1	0	12	1	0	0	1	2	0	9	0	0	9	0	0	0	0	0	22
Total Volume	0	48	2	0	50	10	0	2	12	12	4	52	0	0	56	0	0	0	0	0	118
% App. Total	0	96	4	0		83.3	0	16.7			7.1	92.9	0	0		0	0	0	0		
PHF	.000	.706	.500	.694		.417	.000	.500	.429		.500	.813	.000	.778		.000	.000	.000	.000		.776

Peggy Malone & Associates
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Groups Printed- Cars

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr N Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:30 PM	0	9	0	0	9	3	0	0	0	3	1	20	0	0	21	0	0	0	0	0	33
03:45 PM	0	14	1	0	15	1	0	0	3	4	0	9	0	0	9	0	0	0	0	0	28
Total	0	23	1	0	24	4	0	0	3	7	1	29	0	0	30	0	0	0	0	0	61
04:00 PM	0	14	1	0	15	1	0	0	2	3	0	18	0	0	18	0	0	0	0	0	36
04:15 PM	0	15	1	0	16	0	0	0	3	3	0	14	0	0	14	0	0	0	0	0	33
04:30 PM	0	14	0	0	14	0	0	1	0	1	0	17	0	0	17	0	0	0	0	0	32
04:45 PM	0	11	2	0	13	2	0	0	5	7	0	17	0	0	17	0	0	0	0	0	37
Total	0	54	4	0	58	3	0	1	10	14	0	66	0	0	66	0	0	0	0	0	138
05:00 PM	0	9	1	0	10	1	0	1	4	6	1	23	0	0	24	0	0	0	0	0	40
05:15 PM	0	19	1	0	20	0	0	0	2	2	1	15	0	0	16	0	0	0	0	0	38
05:30 PM	0	21	0	0	21	0	0	0	6	6	0	21	0	0	21	0	0	0	0	0	48
05:45 PM	0	11	2	0	13	1	0	0	7	8	0	21	0	0	21	0	0	0	0	0	42
Total	0	60	4	0	64	2	0	1	19	22	2	80	0	0	82	0	0	0	0	0	168
06:00 PM	0	11	0	0	11	1	0	1	3	5	0	12	0	0	12	0	0	0	0	0	28
06:15 PM	0	11	1	0	12	0	0	1	4	5	0	11	0	0	11	0	0	0	0	0	28
Grand Total	0	159	10	0	169	10	0	4	39	53	3	198	0	0	201	0	0	0	0	0	423
Apprch %	0	94.1	5.9	0		18.9	0	7.5	73.6		1.5	98.5	0	0		0	0	0	0		
Total %	0	37.6	2.4	0	40	2.4	0	0.9	9.2	12.5	0.7	46.8	0	0	47.5	0	0	0	0	0	0

Start Time	Flynn Rd Southbound				Mandarin Meadows Dr N Westbound				Flynn Rd Northbound				Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 03:30 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	9	1	10	1	0	1	2	1	23	0	24	0	0	0	0	36
05:15 PM	0	19	1	20	0	0	0	0	1	15	0	16	0	0	0	0	36
05:30 PM	0	21	0	21	0	0	0	0	0	21	0	21	0	0	0	0	42
05:45 PM	0	11	2	13	1	0	0	1	0	21	0	21	0	0	0	0	35
Total Volume	0	60	4	64	2	0	1	3	2	80	0	82	0	0	0	0	149
% App. Total	0	93.8	6.2		66.7	0	33.3		2.4	97.6	0		0	0	0		
PHF	.000	.714	.500	.762	.500	.000	.250	.375	.500	.870	.000	.854	.000	.000	.000	.000	.887

Peggy Malone & Associates
904-992-8072

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Groups Printed- Trucks

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr N Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	1	0	0	1	2	0	0	0	2	1	0	0	0	1	0	0	0	0	0	4
Apprch %	0	100	0	0		100	0	0	0		100	0	0	0		0	0	0	0		
Total %	0	25	0	0	25	50	0	0	0	50	25	0	0	0	25	0	0	0	0	0	

Start Time	Flynn Rd Southbound				Mandarin Meadows Dr N Westbound				Flynn Rd Northbound				Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	
% App. Total	0	100	0		0	0	0		100	0	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.250	.000	.000	.250	.000	.000	.000	.000	

Peak Hour Analysis From 03:30 PM to 06:15 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 03:30 PM

Peggy Malone & Associates
904-992-8072

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Start Time	Flynn Rd Southbound					Mandarin Meadows Dr N Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total	
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total		
03:30 PM	0	9	0	0	9	3	0	0	0	3	1	20	0	0	21	0	0	0	0	0	0	33
03:45 PM	0	14	1	0	15	1	0	0	3	4	1	9	0	0	10	0	0	0	0	0	0	29
Total	0	23	1	0	24	4	0	0	3	7	2	29	0	0	31	0	0	0	0	0	0	62
04:00 PM	0	14	1	0	15	1	0	0	2	3	0	18	0	0	18	0	0	0	0	0	0	36
04:15 PM	0	16	1	0	17	0	0	0	3	3	0	14	0	0	14	0	0	0	0	0	0	34
04:30 PM	0	14	0	0	14	0	0	1	0	1	0	17	0	0	17	0	0	0	0	0	0	32
04:45 PM	0	11	2	0	13	2	0	0	5	7	0	17	0	0	17	0	0	0	0	0	0	37
Total	0	55	4	0	59	3	0	1	10	14	0	66	0	0	66	0	0	0	0	0	0	139
05:00 PM	0	9	1	0	10	2	0	1	4	7	1	23	0	0	24	0	0	0	0	0	0	41
05:15 PM	0	19	1	0	20	0	0	0	2	2	1	15	0	0	16	0	0	0	0	0	0	38
05:30 PM	0	21	0	0	21	1	0	0	6	7	0	21	0	0	21	0	0	0	0	0	0	49
05:45 PM	0	11	2	0	13	1	0	0	7	8	0	21	0	0	21	0	0	0	0	0	0	42
Total	0	60	4	0	64	4	0	1	19	24	2	80	0	0	82	0	0	0	0	0	0	170
06:00 PM	0	11	0	0	11	1	0	1	3	5	0	12	0	0	12	0	0	0	0	0	0	28
06:15 PM	0	11	1	0	12	0	0	1	4	5	0	11	0	0	11	0	0	0	0	0	0	28
Grand Total	0	160	10	0	170	12	0	4	39	55	4	198	0	0	202	0	0	0	0	0	0	427
Apprch %	0	94.1	5.9	0		21.8	0	7.3	70.9		2	98	0	0		0	0	0	0	0	0	
Total %	0	37.5	2.3	0	39.8	2.8	0	0.9	9.1	12.9	0.9	46.4	0	0	47.3	0	0	0	0	0	0	

Start Time	Flynn Rd Southbound				Mandarin Meadows Dr N Westbound				Flynn Rd Northbound				Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 03:30 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	9	1	10	2	0	1	3	1	23	0	24	0	0	0	0	37
05:15 PM	0	19	1	20	0	0	0	0	1	15	0	16	0	0	0	0	36
05:30 PM	0	21	0	21	1	0	0	1	0	21	0	21	0	0	0	0	43
05:45 PM	0	11	2	13	1	0	0	1	0	21	0	21	0	0	0	0	35
Total Volume	0	60	4	64	4	0	1	5	2	80	0	82	0	0	0	0	151
% App. Total	0	93.8	6.2		80	0	20		2.4	97.6	0		0	0	0		
PHF	.000	.714	.500	.762	.500	.000	.250	.417	.500	.870	.000	.854	.000	.000	.000	.000	.878

Peggy Malone & Associates
904-992-8072

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Groups Printed- Cars

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr S Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	0	2	0	0	2	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	5
06:15 AM	0	3	0	0	3	0	0	1	0	1	0	4	0	0	4	0	0	0	0	0	8
06:30 AM	0	2	0	0	2	0	0	1	1	2	2	1	0	0	3	0	0	0	0	0	7
06:45 AM	0	6	0	0	6	1	0	0	0	1	1	6	0	0	7	0	0	0	0	0	14
Total	0	13	0	0	13	1	0	2	1	4	4	13	0	0	17	0	0	0	0	0	34
07:00 AM	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	0	0	0	1	1	8
07:15 AM	0	5	0	0	5	0	0	0	5	5	0	0	0	0	0	0	0	0	1	1	11
07:30 AM	0	6	0	0	6	0	0	0	3	3	1	9	0	0	10	0	0	0	0	0	19
07:45 AM	0	12	1	0	13	0	0	1	1	2	0	7	0	0	7	0	0	0	0	0	22
Total	0	26	1	0	27	0	0	1	9	10	1	20	0	0	21	0	0	0	2	2	60
08:00 AM	0	10	0	1	11	0	0	1	4	5	2	15	0	0	17	0	0	0	0	0	33
08:15 AM	0	4	0	0	4	0	0	0	1	1	0	10	0	0	10	0	0	0	0	0	15
08:30 AM	0	8	0	0	8	1	0	1	1	3	2	3	0	0	5	0	0	0	0	0	16
08:45 AM	0	9	0	0	9	0	0	0	3	3	1	15	0	0	16	0	0	0	0	0	28
Total	0	31	0	1	32	1	0	2	9	12	5	43	0	0	48	0	0	0	0	0	92
Grand Total	0	70	1	1	72	2	0	5	19	26	10	76	0	0	86	0	0	0	2	2	186
Apprch %	0	97.2	1.4	1.4		7.7	0	19.2	73.1		11.6	88.4	0	0		0	0	0	100		
Total %	0	37.6	0.5	0.5	38.7	1.1	0	2.7	10.2	14	5.4	40.9	0	0	46.2	0	0	0	1.1	1.1	

Start Time	Flynn Rd Southbound				Mandarin Meadows Dr S Westbound				Flynn Rd Northbound				Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	10	0	10	0	0	1	1	2	15	0	17	0	0	0	0	28
08:15 AM	0	4	0	4	0	0	0	0	0	10	0	10	0	0	0	0	14
08:30 AM	0	8	0	8	1	0	1	2	2	3	0	5	0	0	0	0	15
08:45 AM	0	9	0	9	0	0	0	0	1	15	0	16	0	0	0	0	25
Total Volume	0	31	0	31	1	0	2	3	5	43	0	48	0	0	0	0	82
% App. Total	0	100	0		33.3	0	66.7		10.4	89.6	0		0	0	0		
PHF	.000	.775	.000	.775	.250	.000	.500	.375	.625	.717	.000	.706	.000	.000	.000	.000	.732

Peggy Malone & Associates
904-992-8072

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Groups Printed- Trucks

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr S Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
08:00 AM	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
Grand Total	0	1	0	0	1	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	3
Apprch %	0	100	0	0		0	0	0	0		50	50	0	0		0	0	0	0		
Total %	0	33.3	0	0	33.3	0	0	0	0	0	33.3	33.3	0	0	66.7	0	0	0	0	0	

Start Time	Flynn Rd Southbound				Mandarin Meadows Dr S Westbound				Flynn Rd Northbound				Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
08:00 AM	0	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	2
Total Volume	0	1	0	1	0	0	0	0	1	1	0	2	0	0	0	0	3
% App. Total	0	100	0		0	0	0		50	50	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.250	.250	.000	.500	.000	.000	.000	.000	.375

Peggy Malone & Associates
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Start Time	Flynn Rd Southbound					Mandarin Meadows Dr S Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	0	2	0	0	2	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	5
06:15 AM	0	3	0	0	3	0	0	1	0	1	0	4	0	0	4	0	0	0	0	0	8
06:30 AM	0	2	0	0	2	0	0	1	1	2	2	1	0	0	3	0	0	0	0	0	7
06:45 AM	0	6	0	0	6	1	0	0	0	1	1	6	0	0	7	0	0	0	0	0	14
Total	0	13	0	0	13	1	0	2	1	4	4	13	0	0	17	0	0	0	0	0	34
07:00 AM	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	0	0	0	1	1	8
07:15 AM	0	5	0	0	5	0	0	0	5	5	0	0	0	0	0	0	0	0	1	1	11
07:30 AM	0	6	0	0	6	0	0	0	3	3	1	9	0	0	10	0	0	0	0	0	19
07:45 AM	0	12	1	0	13	0	0	1	1	2	0	8	0	0	8	0	0	0	0	0	23
Total	0	26	1	0	27	0	0	1	9	10	1	21	0	0	22	0	0	0	2	2	61
08:00 AM	0	11	0	1	12	0	0	1	4	5	3	15	0	0	18	0	0	0	0	0	35
08:15 AM	0	4	0	0	4	0	0	0	1	1	0	10	0	0	10	0	0	0	0	0	15
08:30 AM	0	8	0	0	8	1	0	1	1	3	2	3	0	0	5	0	0	0	0	0	16
08:45 AM	0	9	0	0	9	0	0	0	3	3	1	15	0	0	16	0	0	0	0	0	28
Total	0	32	0	1	33	1	0	2	9	12	6	43	0	0	49	0	0	0	0	0	94
Grand Total	0	71	1	1	73	2	0	5	19	26	11	77	0	0	88	0	0	0	2	2	189
Apprch %	0	97.3	1.4	1.4		7.7	0	19.2	73.1		12.5	87.5	0	0		0	0	0	100		
Total %	0	37.6	0.5	0.5	38.6	1.1	0	2.6	10.1	13.8	5.8	40.7	0	0	46.6	0	0	0	1.1	1.1	

Start Time	Flynn Rd Southbound				Mandarin Meadows Dr S Westbound				Flynn Rd Northbound				Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	11	0	11	0	0	1	1	3	15	0	18	0	0	0	0	30
08:15 AM	0	4	0	4	0	0	0	0	0	10	0	10	0	0	0	0	14
08:30 AM	0	8	0	8	1	0	1	2	2	3	0	5	0	0	0	0	15
08:45 AM	0	9	0	9	0	0	0	0	1	15	0	16	0	0	0	0	25
Total Volume	0	32	0	32	1	0	2	3	6	43	0	49	0	0	0	0	84
% App. Total	0	100	0		33.3	0	66.7		12.2	87.8	0		0	0	0		
PHF	.000	.727	.000	.727	.250	.000	.500	.375	.500	.717	.000	.681	.000	.000	.000	.000	.700

Peggy Malone & Associates
904-992-8072

File Name : 8-Flynn Rd & Mandarin Meadows Dr S MID
Site Code :
Start Date : 4/21/2020
Page No : 1

Groups Printed- Cars

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr S Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
11:30 AM	0	15	0	0	15	1	0	0	4	5	2	17	0	0	19	0	0	0	0	0	39
11:45 AM	0	12	1	0	13	0	1	0	4	5	1	15	0	0	16	0	0	0	0	0	34
Total	0	27	1	0	28	1	1	0	8	10	3	32	0	0	35	0	0	0	0	0	73
12:00 PM	0	9	1	0	10	1	0	0	2	3	0	15	0	0	15	0	0	0	2	2	30
12:15 PM	0	12	0	0	12	0	0	2	1	3	0	7	0	0	7	0	0	0	0	0	22
12:30 PM	0	6	1	0	7	0	0	0	1	1	0	16	0	0	16	0	0	0	0	0	24
12:45 PM	0	11	1	0	12	0	0	1	2	3	0	13	0	0	13	0	0	0	0	0	28
Total	0	38	3	0	41	1	0	3	6	10	0	51	0	0	51	0	0	0	2	2	104
01:00 PM	0	6	0	0	6	1	0	0	1	2	2	13	1	0	16	0	0	0	0	0	24
01:15 PM	0	13	0	0	13	2	0	0	1	3	1	14	0	0	15	0	0	0	0	0	31
Grand Total	0	84	4	0	88	5	1	3	16	25	6	110	1	0	117	0	0	0	2	2	232
Apprch %	0	95.5	4.5	0		20	4	12	64		5.1	94	0.9	0		0	0	0	100		
Total %	0	36.2	1.7	0	37.9	2.2	0.4	1.3	6.9	10.8	2.6	47.4	0.4	0	50.4	0	0	0	0.9	0.9	

Start Time	Flynn Rd Southbound				Mandarin Meadows Dr S Westbound				Flynn Rd Northbound				Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 11:30 AM																	
11:30 AM	0	15	0	15	1	0	0	1	2	17	0	19	0	0	0	0	35
11:45 AM	0	12	1	13	0	1	0	1	1	15	0	16	0	0	0	0	30
12:00 PM	0	9	1	10	1	0	0	1	0	15	0	15	0	0	0	0	26
12:15 PM	0	12	0	12	0	0	2	2	0	7	0	7	0	0	0	0	21
Total Volume	0	48	2	50	2	1	2	5	3	54	0	57	0	0	0	0	112
% App. Total	0	96	4		40	20	40		5.3	94.7	0		0	0	0		
PHF	.000	.800	.500	.833	.500	.250	.250	.625	.375	.794	.000	.750	.000	.000	.000	.000	.800

Peggy Malone & Associates
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File Name : 8-Flynn Rd & Mandarin Meadows Dr S MID
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Groups Printed- Trucks

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr S Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total	
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total		
11:30 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
Grand Total	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4
Apprch %	0	100	0	0		0	0	0	0		0	100	0	0		0	0	0	0		0	
Total %	0	75	0	0	75	0	0	0	0	0	0	25	0	0	25	0	0	0	0	0	0	

Start Time	Flynn Rd Southbound				Mandarin Meadows Dr S Westbound				Flynn Rd Northbound				Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 12:30 PM																	
12:30 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
12:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1
Total Volume	0	2	0	2	0	0	0	0	0	0	1	0	1	0	0	0	3
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.750

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Groups Printed- Combined

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr S Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
11:30 AM	0	16	0	0	16	1	0	0	4	5	2	17	0	0	19	0	0	0	0	0	40
11:45 AM	0	12	1	0	13	0	1	0	4	5	1	15	0	0	16	0	0	0	0	0	34
Total	0	28	1	0	29	1	1	0	8	10	3	32	0	0	35	0	0	0	0	0	74
12:00 PM	0	9	1	0	10	1	0	0	2	3	0	15	0	0	15	0	0	0	2	2	30
12:15 PM	0	12	0	0	12	0	0	2	1	3	0	7	0	0	7	0	0	0	0	0	22
12:30 PM	0	7	1	0	8	0	0	0	1	1	0	16	0	0	16	0	0	0	0	0	25
12:45 PM	0	12	1	0	13	0	0	1	2	3	0	13	0	0	13	0	0	0	0	0	29
Total	0	40	3	0	43	1	0	3	6	10	0	51	0	0	51	0	0	0	2	2	106
01:00 PM	0	6	0	0	6	1	0	0	1	2	2	13	1	0	16	0	0	0	0	0	24
01:15 PM	0	13	0	0	13	2	0	0	1	3	1	15	0	0	16	0	0	0	0	0	32
Grand Total	0	87	4	0	91	5	1	3	16	25	6	111	1	0	118	0	0	0	2	2	236
Apprch %	0	95.6	4.4	0		20	4	12	64		5.1	94.1	0.8	0		0	0	0	100		
Total %	0	36.9	1.7	0	38.6	2.1	0.4	1.3	6.8	10.6	2.5	47	0.4	0	50	0	0	0	0.8	0.8	

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr S Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:30 AM																					
11:30 AM	0	16	0	0	16	1	0	0	1	2	17	0	0	19	0	0	0	0	0	0	36
11:45 AM	0	12	1	0	13	0	1	0	1	2	15	0	0	16	0	0	0	0	0	0	30
12:00 PM	0	9	1	0	10	1	0	0	1	2	15	0	0	15	0	0	0	0	0	0	26
12:15 PM	0	12	0	0	12	0	0	2	2	4	7	0	0	7	0	0	0	0	0	0	21
Total Volume	0	49	2	0	51	2	1	2	5	10	54	0	0	57	0	0	0	0	0	0	113
% App. Total	0	96.1	3.9	0		40	20	40			5.3	94.7	0			0	0	0			
PHF	.000	.766	.500	.797		.500	.250	.250	.625		.375	.794	.000	.750		.000	.000	.000	.000		.785

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Groups Printed- Cars

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr S Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total	
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total		
03:30 PM	0	10	0	0	10	0	0	0	0	0	1	21	0	0	22	0	0	0	0	0	0	32
03:45 PM	0	11	1	0	12	1	0	0	0	1	1	10	0	0	11	0	0	0	0	0	0	24
Total	0	21	1	0	22	1	0	0	0	1	2	31	0	0	33	0	0	0	0	0	0	56
04:00 PM	0	14	2	0	16	1	0	2	2	5	1	17	0	0	18	0	0	0	0	0	0	39
04:15 PM	0	14	1	0	15	0	0	1	3	4	1	14	0	0	15	0	0	0	0	0	0	34
04:30 PM	0	12	1	0	13	2	0	1	0	3	2	19	0	0	21	0	0	0	0	0	0	37
04:45 PM	0	12	0	0	12	0	0	1	4	5	0	16	0	0	16	0	0	0	0	0	0	33
Total	0	52	4	0	56	3	0	5	9	17	4	66	0	0	70	0	0	0	0	0	0	143
05:00 PM	0	10	0	0	10	1	0	2	4	7	0	24	0	0	24	0	0	0	0	0	0	41
05:15 PM	0	19	0	0	19	1	0	0	0	1	1	15	0	0	16	0	0	0	0	0	0	36
05:30 PM	0	17	2	0	19	2	0	0	8	10	2	20	0	0	22	0	0	0	0	0	0	51
05:45 PM	0	8	1	0	9	2	0	0	9	11	1	19	0	0	20	0	0	0	0	0	0	40
Total	0	54	3	0	57	6	0	2	21	29	4	78	0	0	82	0	0	0	0	0	0	168
06:00 PM	0	11	0	0	11	0	0	0	8	8	0	13	0	0	13	0	0	0	0	0	0	32
06:15 PM	0	11	1	0	12	1	0	0	0	1	0	12	0	0	12	0	0	0	0	0	0	25
Grand Total	0	149	9	0	158	11	0	7	38	56	10	200	0	0	210	0	0	0	0	0	0	424
Apprch %	0	94.3	5.7	0		19.6	0	12.5	67.9		4.8	95.2	0	0		0	0	0	0	0	0	
Total %	0	35.1	2.1	0	37.3	2.6	0	1.7	9	13.2	2.4	47.2	0	0	49.5	0	0	0	0	0	0	

Start Time	Flynn Rd Southbound				Mandarin Meadows Dr S Westbound				Flynn Rd Northbound				Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 03:30 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	10	0	10	1	0	2	3	0	24	0	24	0	0	0	0	37
05:15 PM	0	19	0	19	1	0	0	1	1	15	0	16	0	0	0	0	36
05:30 PM	0	17	2	19	2	0	0	2	2	20	0	22	0	0	0	0	43
05:45 PM	0	8	1	9	2	0	0	2	1	19	0	20	0	0	0	0	31
Total Volume	0	54	3	57	6	0	2	8	4	78	0	82	0	0	0	0	147
% App. Total	0	94.7	5.3		75	0	25		4.9	95.1	0		0	0	0		
PHF	.000	.711	.375	.750	.750	.000	.250	.667	.500	.813	.000	.854	.000	.000	.000	.000	.855

Peggy Malone & Associates
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Groups Printed- Trucks

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr S Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
Apprch %	0	100	0	0		0	0	0	0		0	100	0	0		0	0	0	0		
Total %	0	33.3	0	0	33.3	0	0	0	0	0	0	66.7	0	0	66.7	0	0	0	0	0	

Start Time	Flynn Rd Southbound				Mandarin Meadows Dr S Westbound				Flynn Rd Northbound				Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	

Peak Hour Analysis From 03:30 PM to 06:15 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 03:30 PM

Peggy Malone & Associates
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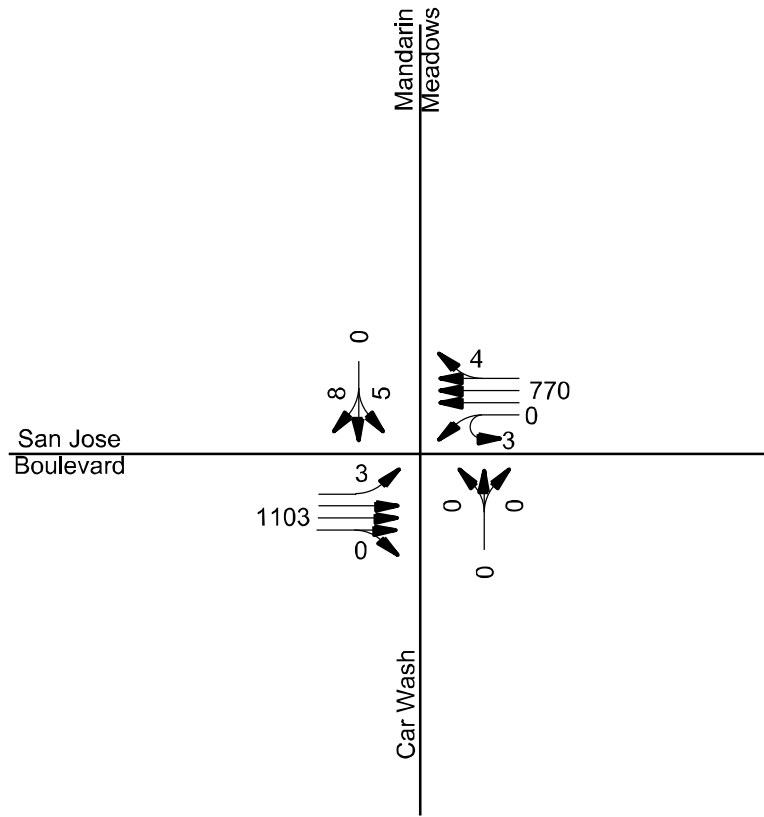
Groups Printed- Combined

Start Time	Flynn Rd Southbound					Mandarin Meadows Dr S Westbound					Flynn Rd Northbound					Driveway Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:30 PM	0	10	0	0	10	0	0	0	0	0	1	21	0	0	22	0	0	0	0	0	32
03:45 PM	0	11	1	0	12	1	0	0	0	1	1	11	0	0	12	0	0	0	0	0	25
Total	0	21	1	0	22	1	0	0	0	1	2	32	0	0	34	0	0	0	0	0	57
04:00 PM	0	14	2	0	16	1	0	2	2	5	1	17	0	0	18	0	0	0	0	0	39
04:15 PM	0	15	1	0	16	0	0	1	3	4	1	14	0	0	15	0	0	0	0	0	35
04:30 PM	0	12	1	0	13	2	0	1	0	3	2	19	0	0	21	0	0	0	0	0	37
04:45 PM	0	12	0	0	12	0	0	1	4	5	0	16	0	0	16	0	0	0	0	0	33
Total	0	53	4	0	57	3	0	5	9	17	4	66	0	0	70	0	0	0	0	0	144
05:00 PM	0	10	0	0	10	1	0	2	4	7	0	24	0	0	24	0	0	0	0	0	41
05:15 PM	0	19	0	0	19	1	0	0	0	1	1	15	0	0	16	0	0	0	0	0	36
05:30 PM	0	17	2	0	19	2	0	0	8	10	2	21	0	0	23	0	0	0	0	0	52
05:45 PM	0	8	1	0	9	2	0	0	9	11	1	19	0	0	20	0	0	0	0	0	40
Total	0	54	3	0	57	6	0	2	21	29	4	79	0	0	83	0	0	0	0	0	169
06:00 PM	0	11	0	0	11	0	0	0	8	8	0	13	0	0	13	0	0	0	0	0	32
06:15 PM	0	11	1	0	12	1	0	0	0	1	0	12	0	0	12	0	0	0	0	0	25
Grand Total	0	150	9	0	159	11	0	7	38	56	10	202	0	0	212	0	0	0	0	0	427
Apprch %	0	94.3	5.7	0		19.6	0	12.5	67.9		4.7	95.3	0	0		0	0	0	0		
Total %	0	35.1	2.1	0	37.2	2.6	0	1.6	8.9	13.1	2.3	47.3	0	0	49.6	0	0	0	0	0	0

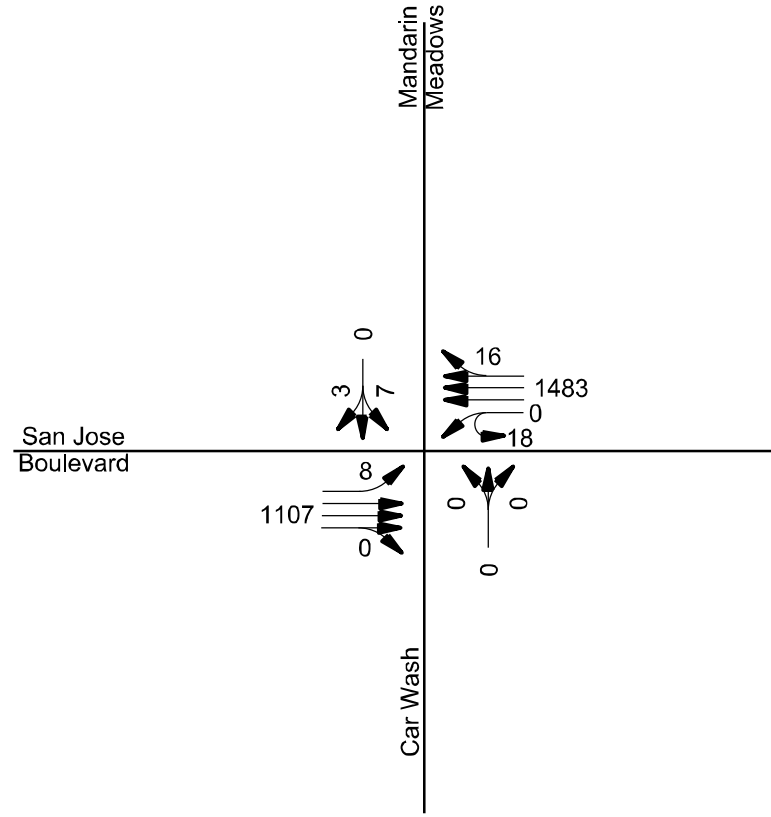
Start Time	Flynn Rd Southbound				Mandarin Meadows Dr S Westbound				Flynn Rd Northbound				Driveway Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 03:30 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	10	0	10	1	0	2	3	0	24	0	24	0	0	0	0	37
05:15 PM	0	19	0	19	1	0	0	1	1	15	0	16	0	0	0	0	36
05:30 PM	0	17	2	19	2	0	0	2	2	21	0	23	0	0	0	44	
05:45 PM	0	8	1	9	2	0	0	2	1	19	0	20	0	0	0	31	
Total Volume	0	54	3	57	6	0	2	8	4	79	0	83	0	0	0	148	
% App. Total	0	94.7	5.3		75	0	25		4.8	95.2	0		0	0			
PHF	.000	.711	.375	.750	.750	.000	.250	.667	.500	.823	.000	.865	.000	.000	.000	.841	

2020 Base and 2022 Background Traffic Calculations

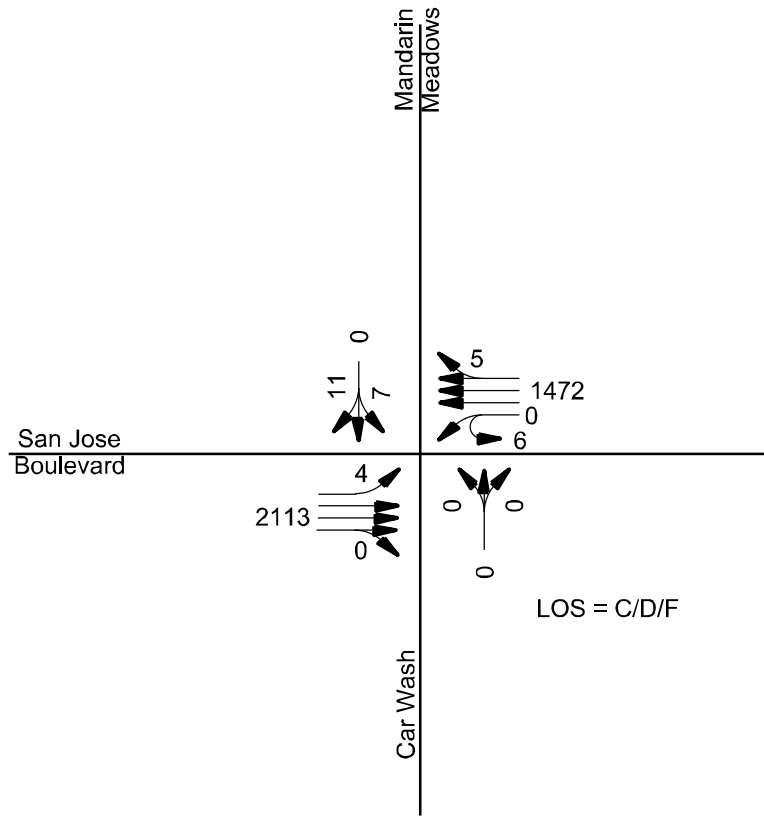
Movement	2020 Counted Volumes	2019 Adjustment Factor	2019 Base Volumes	Growth Rate	2020 Base Volumes	2022 Background Volumes
AM Peak						
Northbound Left	3	1.3421	4	N/A	4	4
Northbound Through	1103	1.8590	2050	1%	2071	2113
Northbound Right	0	1.8590	0	1%	0	0
Southbound U-Turn	3	1.8590	6	1%	6	6
Southbound Left	0	1.3421	0	1%	0	0
Southbound Through	770	1.8590	1431	1%	1445	1474
Southbound Right	4	1.3421	5	N/A	5	5
Eastbound Left	5	1.3421	7	N/A	7	7
Eastbound Through	0	1.3421	0	N/A	0	0
Eastbound Right	8	1.3421	11	N/A	11	11
Westbound Left	0	1.8590	0	1%	0	0
Westbound Through	0	1.3421	0	N/A	0	0
Westbound Right	0	1.8590	0	1%	0	0
PM Peak						
Northbound Left	8	1.1167	9	N/A	9	9
Northbound Through	1107	1.1011	1219	1%	1231	1256
Northbound Right	0	1.1011	0	1%	0	0
Southbound U-Turn	18	1.1011	20	1%	20	20
Southbound Left	0	1.1011	0	1%	0	0
Southbound Through	1483	1.1011	1633	1%	1649	1682
Southbound Right	16	1.1011	18	N/A	18	18
Eastbound Left	7	1.1167	8	N/A	8	8
Eastbound Through	0	1.1167	0	N/A	0	0
Eastbound Right	3	1.1167	3	N/A	3	3
Westbound Left	0	1.1011	0	1%	0	0
Westbound Through	0	1.1167	0	N/A	0	0
Westbound Right	0	1.1011	0	1%	0	0



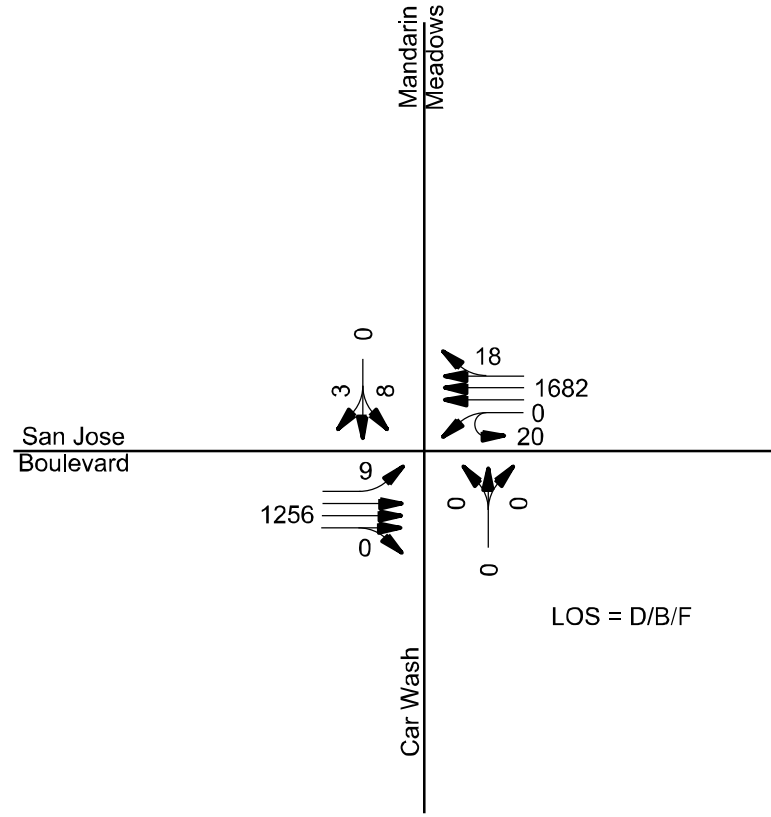
AM Peak



PM Peak



AM Peak



PM Peak

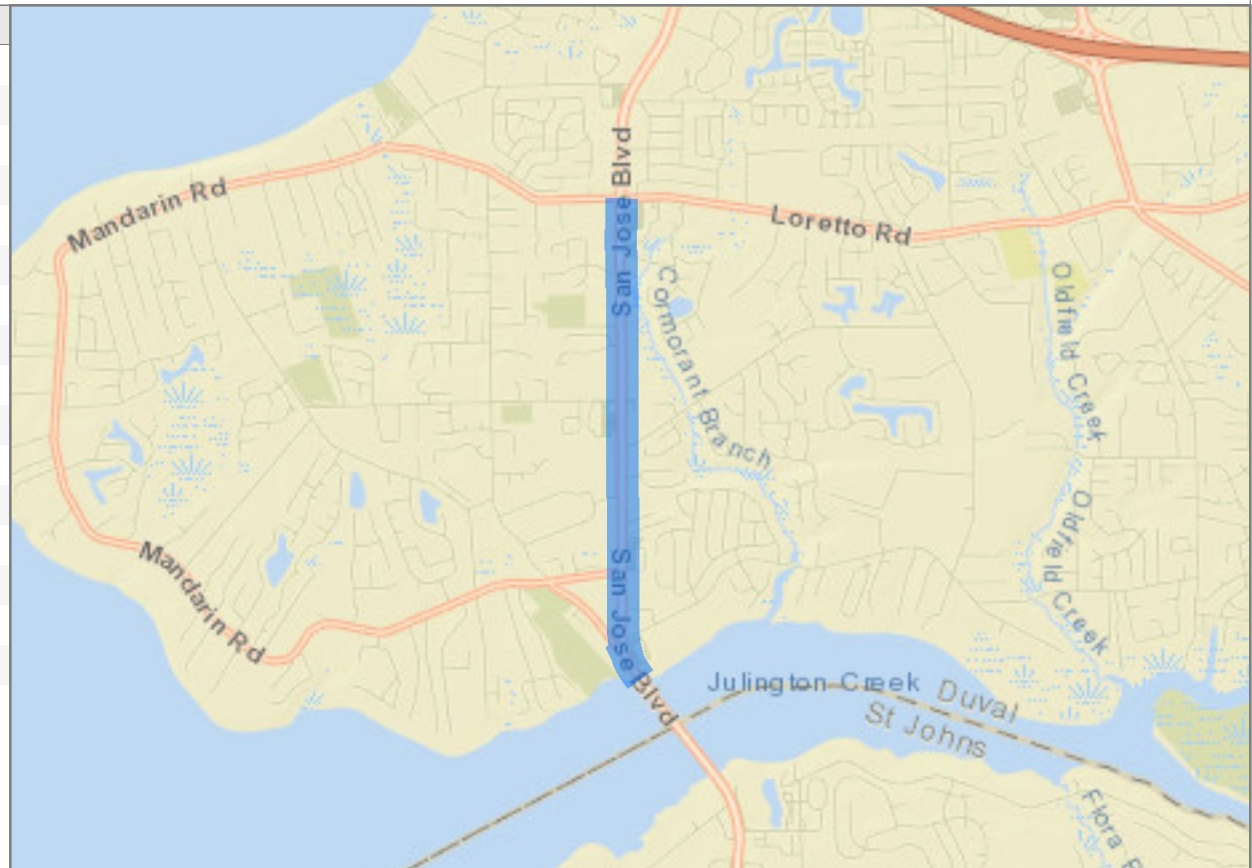
2020 - 2022 Growth Factor = 1.0201

Appendix B

SR-13 Level of Service Sheet

SR 13 / San Jose Blvd. from St Johns County to Loretto Rd

Attribute	Value
Segment ID:	508
Segment Length (miles):	1.865 mi
Location:	Jacksonville
County:	Duval
Roadway ID:	72160000
Begin MP:	0.000
End MP:	1.865
SIS:	No
SIS Type:	Non SIS
Median Treatment:	Divided
Directionality:	Two-Way
Posted Speed:	45 mph
Facility Type:	Arterial
Area Type:	Urbanized
Standard K:	9.0%
FDOT LOS Standard:	D
Max. Service Vol. Adj. Factor:	0.00



Data Sources: RCI; TCI; NERPM AB; GUATS; FLSWM
 Google Street View:
<http://maps.google.com/maps?q=&layer=c&cbll=30.1473307350129,-81.6325266498161>

Projected Values	2018	2020	2025	2030	2035	2040	2045
Number of Lanes	6	6	6	6	6	6	6
AADT	49,500	50,490	52,965	55,440	57,915	60,390	62,865
Peak Hour Maximum Service Volume at LOS Standard	5,390	5,390	5,390	5,390	5,390	5,390	5,390
Peak Hour Traffic Volume	4,455	4,544	4,767	4,990	5,212	5,435	5,658
Peak Hour LOS	C	C	C	C	C	F	F

Notes:

Appendix C

Existing Conditions Synchro 10 Results

Intersection													
Int Delay, s/veh	0.5												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Lane Configurations		↕			↕		↕ ↑↑↑				↕ ↑↑↑		
Traffic Vol, veh/h	7	0	11	0	0	0	4	2071	0	6	0	1445	5
Future Vol, veh/h	7	0	11	0	0	0	4	2071	0	6	0	1445	5
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	-	None
Storage Length	-	-	-	-	-	-	150	-	-	-	125	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	8	0	12	0	0	0	4	2251	0	7	0	1571	5

Major/Minor	Minor2		Minor1			Major1			Major2				
Conflicting Flow All	2496	3847	788	2901	3849	1126	1576	0	0	1643	2251	0	0
Stage 1	1588	1588	-	2259	2259	-	-	-	-	-	-	-	-
Stage 2	908	2259	-	642	1590	-	-	-	-	-	-	-	-
Critical Hdwy	6.44	6.54	7.14	6.44	6.54	7.14	5.34	-	-	5.64	5.34	-	-
Critical Hdwy Stg 1	7.34	5.54	-	7.34	5.54	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.74	5.54	-	6.74	5.54	-	-	-	-	-	-	-	-
Follow-up Hdwy	3.82	4.02	3.92	3.82	4.02	3.92	3.12	-	-	2.32	3.12	-	-
Pot Cap-1 Maneuver	31	4	287	17	4	171	204	-	-	192	93	-	-
Stage 1	77	166	-	25	76	-	-	-	-	-	-	-	-
Stage 2	268	76	-	391	166	-	-	-	-	-	-	-	-
Platoon blocked, %								-	-			-	-
Mov Cap-1 Maneuver	30	4	287	16	4	171	204	-	-	192	192	-	-
Mov Cap-2 Maneuver	30	4	-	16	4	-	-	-	-	-	-	-	-
Stage 1	75	160	-	25	74	-	-	-	-	-	-	-	-
Stage 2	263	74	-	361	160	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	81.1	0	0	0.1
HCM LOS	F	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	204	-	-	66	-	192	-	-
HCM Lane V/C Ratio	0.021	-	-	0.296	-	0.034	-	-
HCM Control Delay (s)	23	-	-	81.1	0	24.4	-	-
HCM Lane LOS	C	-	-	F	A	C	-	-
HCM 95th %tile Q(veh)	0.1	-	-	1.1	-	0.1	-	-

HCM 6th TWSC
 2: San Jose Boulevard & Mandarin Meadows/Car Wash

San Jose Multi Family
 Base 2020 - PM Peak

Intersection													
Int Delay, s/veh	0.6												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Lane Configurations		↕			↕		↕ ↑↑↑				↕ ↑↑↑		
Traffic Vol, veh/h	8	0	3	0	0	0	9	1231	0	20	0	1649	18
Future Vol, veh/h	8	0	3	0	0	0	9	1231	0	20	0	1649	18
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	-	None
Storage Length	-	-	-	-	-	-	150	-	-	-	125	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	9	0	3	0	0	0	10	1338	0	22	0	1792	20

Major/Minor	Minor2		Minor1		Major1		Major2						
Conflicting Flow All	2401	3204	906	2119	3214	669	1812	0	0	977	1338	0	0
Stage 1	1846	1846	-	1358	1358	-	-	-	-	-	-	-	-
Stage 2	555	1358	-	761	1856	-	-	-	-	-	-	-	-
Critical Hdwy	6.44	6.54	7.14	6.44	6.54	7.14	5.34	-	-	5.64	5.34	-	-
Critical Hdwy Stg 1	7.34	5.54	-	7.34	5.54	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.74	5.54	-	6.74	5.54	-	-	-	-	-	-	-	-
Follow-up Hdwy	3.82	4.02	3.92	3.82	4.02	3.92	3.12	-	-	2.32	3.12	-	-
Pot Cap-1 Maneuver	36	10	240	53	10	343	156	-	-	453	268	-	-
Stage 1	50	123	-	112	215	-	-	-	-	-	-	-	-
Stage 2	441	215	-	330	122	-	-	-	-	-	-	-	-
Platoon blocked, %								-	-			-	-
Mov Cap-1 Maneuver	33	9	240	48	9	343	156	-	-	453	453	-	-
Mov Cap-2 Maneuver	33	9	-	48	9	-	-	-	-	-	-	-	-
Stage 1	47	117	-	105	201	-	-	-	-	-	-	-	-
Stage 2	413	201	-	310	116	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	118.3	0	0.2	0.2
HCM LOS	F	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	156	-	-	43	-	453	-	-
HCM Lane V/C Ratio	0.063	-	-	0.278	-	0.048	-	-
HCM Control Delay (s)	29.6	-	-	118.3	0	13.3	-	-
HCM Lane LOS	D	-	-	F	A	B	-	-
HCM 95th %tile Q(veh)	0.2	-	-	0.9	-	0.2	-	-

Appendix D

Project Trip Distribution Calculations

Mandarin Meadows Traffic

Mandarin Meadows and San Jose Boulevard

		NB San Jose Left	SB San Jose Right	EB Mandarin Meadows Left	Right
AM Peak	7:00	0	0	3	0
	7:15	0	0	2	1
	7:30	1	1	1	1
	7:45	0	1	0	4
	8:00	0	1	2	2
	8:15	2	0	1	0
	8:30	1	3	0	3
	8:45	0	0	2	3
PM Peak	4:00	0	6	3	0
	4:15	0	2	1	1
	4:30	0	6	0	1
	4:45	1	4	3	2
	5:00	2	4	1	1
	5:15	2	5	2	0
	5:30	3	3	1	2
	5:45	1	4	3	0

Mandarin Meadows North and Flynn

		NB Flynn Right	SB Flynn Left	WB Mandarin Meadows South Left	Right
AM Peak	7:00	0	1	0	0
	7:15	0	0	0	1
	7:30	0	0	0	0
	7:45	0	1	2	1
	8:00	0	1	1	0
	8:15	0	0	0	2
	8:30	0	0	0	0
	8:45	0	1	0	4
PM Peak	4:00	0	1	0	1
	4:15	0	1	0	0
	4:30	0	0	1	0
	4:45	0	2	0	2
	5:00	1	1	1	2
	5:15	1	1	0	0
	5:30	0	0	0	1
	5:45	0	2	0	1

Mandarin Meadows South and Flynn

		NB Flynn Right	SB Flynn Left	WB Mandarin Meadows South Left	Right
AM Peak	7:00	0	0	0	0
	7:15	0	0	0	0
	7:30	1	0	0	0
	7:45	0	1	1	0
	8:00	3	0	1	0
	8:15	0	0	0	0
	8:30	2	0	1	1
	8:45	1	0	0	0
PM Peak	4:00	1	2	2	1
	4:15	1	1	1	0
	4:30	2	1	1	2
	4:45	0	0	1	0
	5:00	0	0	2	1
	5:15	1	0	0	1
	5:30	2	2	0	2
	5:45	1	1	0	2

Total Mandarin Meadows Traffic

		Entering Traffic		Existing Traffic		
		From the South	From the North	To the South	To the North	
AM Peak	7:00	0	1	0	3	4
	7:15	0	0	1	3	4
	7:30	2	1	1	1	5
	7:45	0	3	7	1	11
	8:00	3	2	4	2	11
	8:15	2	0	0	3	5
	8:30	3	3	4	1	11
	8:45	1	1	3	6	11
Peak Hour Total		9	6	11	12	38
		15		39.5% Percent Entering		

PM Peak	4:00	1	9	2	5	17
	4:15	1	4	2	1	8
	4:30	2	7	3	2	14
	4:45	1	6	3	5	15
	5:00	3	5	4	4	16
	5:15	4	6	0	3	13
	5:30	5	5	2	4	16
	5:45	2	7	0	6	15
Peak Hour Total		14	23	6	17	60
		37		61.7% Percent Entering		

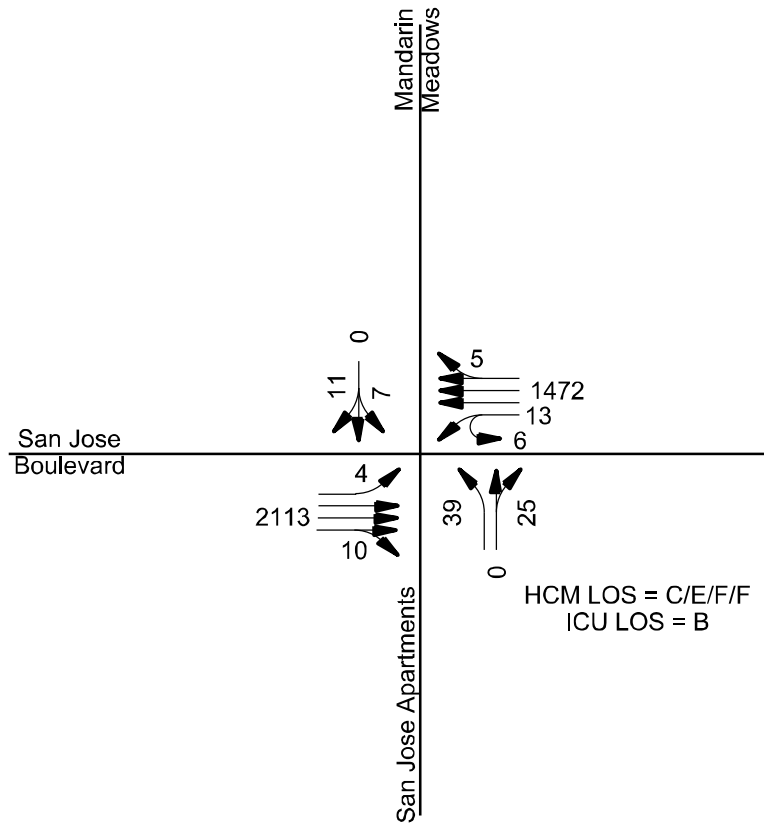
Site Estimates	Rate	Equation
AM	48	51
PM	64	67

Background Traffic Distribution	AM		PM	
	Entering	Exiting	Entering	Exiting
To/From the North	6	12	23	17
To/From the South	9	11	14	6
To/From the North	47%		67%	
To/From the South	53%		33%	
	38		60	

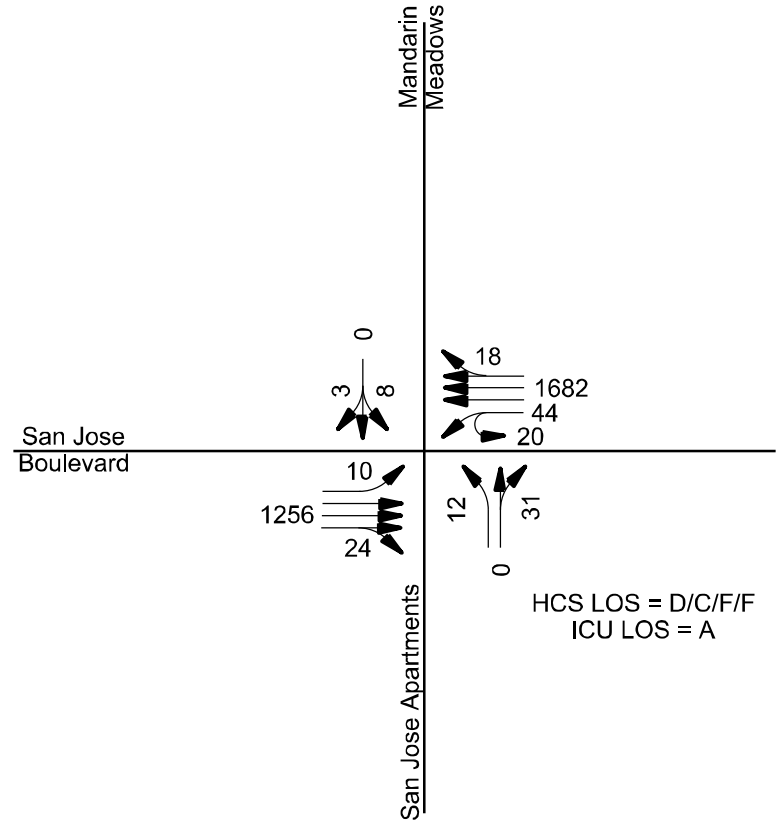
Project Distribution	AM		PM	
	Entering	Exiting	Entering	Exiting
Project Trips	23	65	68	43
To/From the North	10	31	44	29
To/From the South	13	34	24	14

Appendix E

Total Traffic 2022 Future Buildout Conditions Synchro 10 Results



AM Peak



PM Peak

Intersection													
Int Delay, s/veh	19.8												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Lane Configurations		↔		↵	↵		↵	↑↑↑			↵	↑↑↑	
Traffic Vol, veh/h	7	0	11	39	0	25	4	2113	10	6	13	1472	5
Future Vol, veh/h	7	0	11	39	0	25	4	2113	10	6	13	1472	5
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	-	None
Storage Length	-	-	-	0	-	-	150	-	-	-	125	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	8	0	12	42	0	27	4	2297	11	7	14	1600	5

Major/Minor	Minor2		Minor1		Major1		Major2						
Conflicting Flow All	2572	3961	803	2993	3958	1154	1605	0	0	1685	2308	0	0
Stage 1	1645	1645	-	2311	2311	-	-	-	-	-	-	-	-
Stage 2	927	2316	-	682	1647	-	-	-	-	-	-	-	-
Critical Hdwy	6.44	6.54	7.14	6.44	6.54	7.14	5.34	-	-	5.64	5.34	-	-
Critical Hdwy Stg 1	7.34	5.54	-	7.34	5.54	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.74	5.54	-	6.74	5.54	-	-	-	-	-	-	-	-
Follow-up Hdwy	3.82	4.02	3.92	3.82	4.02	3.92	3.12	-	-	2.32	3.12	-	-
Pot Cap-1 Maneuver	28	3	280	~ 15	3	164	198	-	-	182	87	-	-
Stage 1	70	156	-	~ 23	71	-	-	-	-	-	-	-	-
Stage 2	261	71	-	369	155	-	-	-	-	-	-	-	-
Platoon blocked, %								-	-			-	-
Mov Cap-1 Maneuver	19	2	280	~ 12	2	164	198	-	-	101	101	-	-
Mov Cap-2 Maneuver	19	2	-	~ 12	2	-	-	-	-	-	-	-	-
Stage 1	69	124	-	~ 23	70	-	-	-	-	-	-	-	-
Stage 2	213	70	-	280	123	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	140.7	\$ 1090.9	0	0.6
HCM LOS	F	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	198	-	-	44	12	164	101	-	-
HCM Lane V/C Ratio	0.022	-	-	0.445	3.533	0.166	0.204	-	-
HCM Control Delay (s)	23.6	-	-	140	\$ 1770.2	31.3	49.7	-	-
HCM Lane LOS	C	-	-	F	F	D	E	-	-
HCM 95th %tile Q(veh)	0.1	-	-	1.6	6.3	0.6	0.7	-	-

Notes
 ~: Volume exceeds capacity \$: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Intersection													
Int Delay, s/veh	2.2												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Lane Configurations		↕		↕	↕		↕	↕↕↕			↕↕↕		
Traffic Vol, veh/h	8	0	3	12	0	31	10	1256	24	20	44	1682	18
Future Vol, veh/h	8	0	3	12	0	31	10	1256	24	20	44	1682	18
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	-	None
Storage Length	-	-	-	0	-	-	150	-	-	-	125	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	9	0	3	13	0	34	11	1365	26	22	48	1828	20

Major/Minor	Minor2		Minor1		Major1		Major2						
Conflicting Flow All	2546	3391	924	2271	3388	696	1848	0	0	1016	1391	0	0
Stage 1	1978	1978	-	1400	1400	-	-	-	-	-	-	-	-
Stage 2	568	1413	-	871	1988	-	-	-	-	-	-	-	-
Critical Hdwy	6.44	6.54	7.14	6.44	6.54	7.14	5.34	-	-	5.64	5.34	-	-
Critical Hdwy Stg 1	7.34	5.54	-	7.34	5.54	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.74	5.54	-	6.74	5.54	-	-	-	-	-	-	-	-
Follow-up Hdwy	3.82	4.02	3.92	3.82	4.02	3.92	3.12	-	-	2.32	3.12	-	-
Pot Cap-1 Maneuver	29	7	233	43	7	329	149	-	-	431	252	-	-
Stage 1	40	106	-	104	205	-	-	-	-	-	-	-	-
Stage 2	433	202	-	283	105	-	-	-	-	-	-	-	-
Platoon blocked, %								-	-			-	-
Mov Cap-1 Maneuver	20	5	233	32	5	329	149	-	-	283	283	-	-
Mov Cap-2 Maneuver	20	5	-	32	5	-	-	-	-	-	-	-	-
Stage 1	37	80	-	96	190	-	-	-	-	-	-	-	-
Stage 2	360	187	-	210	79	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	218.6	62.7	0.2	0.8
HCM LOS	F	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	149	-	-	27	32	329	283	-	-
HCM Lane V/C Ratio	0.073	-	-	0.443	0.408	0.102	0.246	-	-
HCM Control Delay (s)	31.1	-	-	218.6	180.2	17.2	21.8	-	-
HCM Lane LOS	D	-	-	F	F	C	C	-	-
HCM 95th %tile Q(veh)	0.2	-	-	1.4	1.3	0.3	0.9	-	-

Appendix F

FDOT Signal Warrant Analysis

Input Data

City: **Jacksonville**
 County: **72 – Duval**
 District: **Two**

Engineer: **J Crammond**
 Date: **June 18, 2020**

Major Street: **San Jose Blvd** # Lanes: **6** Major Approach Speed: **45**
 Minor Street: **San Jose Apt** # Lanes: **2** Minor Approach Speed: **45**

Eight Hour Volumes (Condition A)		
Hours	Major Street (total of both approaches)	Minor Street (one direction only)

Eight Hour Volumes (Condition B)		
Hours	Major Street (total of both approaches)	Minor Street (one direction only)

Highest Four Hour Vehicular Volumes		
Hours	Major Street (total of both approaches)	Minor Street (one direction only)

Highest Four Hour Pedestrian Volumes		
Hours	Major Street (total of both approaches)	Pedestrian Crossings on Major Street

Vehicular Peak Hour Volumes			
Peak Hour	Major Street (total of both approaches)	Minor Street (one direction only)	Total Entering Volume
PM	3050	43	68

Pedestrian Peak Hour Volumes		
Peak Hour	Major Street (total of both approaches)	Pedestrian Crossing Volumes on Major Street
PM	3050	

TRAFFIC SIGNAL WARRANT SUMMARY

City: **Jacksonville**
County: **72 – Duval**
District: **Two**

Engineer: **J Crammond**
Date: **June 18, 2020**

Major Street: **San Jose Blvd**
Minor Street: **San Jose Apt**

Lanes: **6** Major Approach Speed: **45**
Lanes: **2** Minor Approach Speed: **45**

MUTCD Electronic Reference to Chapter 4: <http://mutcd.fhwa.dot.gov/pdfs/2009r1r2/part4.pdf>

Volume Level Criteria

- Is the posted speed or 85th-percentile of major street > 40 mph (70 km/h)? Yes No
 - Is the intersection in a built-up area of an isolated community with a population < 10,000? Yes No
- "70%" volume level **may** be used if Question 1 **or** 2 above is answered "Yes" 70% 100%

WARRANT 3 - PEAK HOUR

If all three criteria are fulfilled **or** the plotted point lies above the appropriate line, then the warrant is satisfied.

Applicable: Yes No
Satisfied: Yes No

Unusual condition justifying use of warrant:

Record hour when criteria are fulfilled and the corresponding delay or volume in boxes provided.

Peak Hour 100% Volume		
Time	Major Vol.	Minor Vol.

Peak Hour 70% Volume		
Time	Major Vol.	Minor Vol.
PM	3050	43

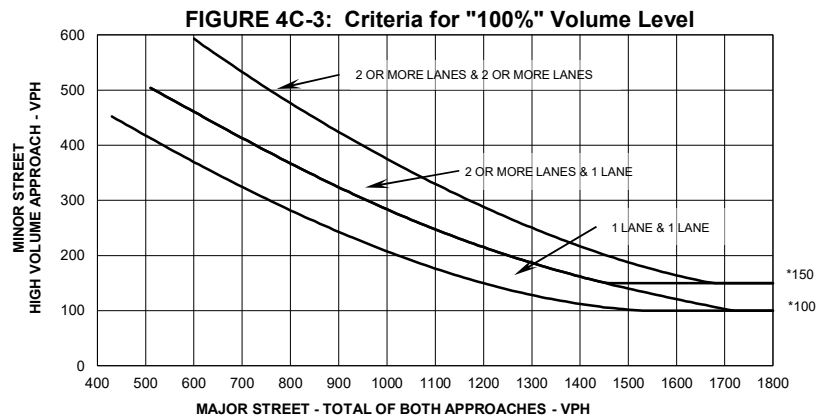
Criteria

1. Delay on Minor Approach *(vehicle-hours)		
Approach Lanes	1	2
Delay Criteria*	4.0	5.0
Delay*	1.0	0.1
Fulfilled?:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

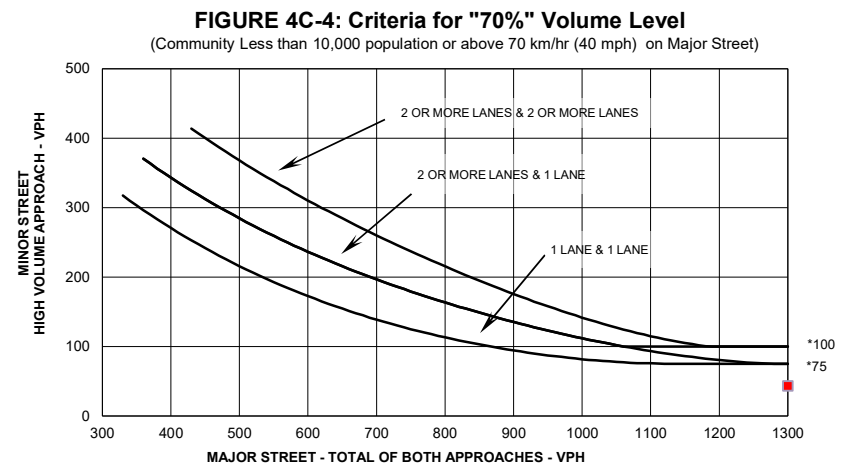
2. Volume on Minor Approach One-Direction *(vehicles per hour)		
Approach Lanes	1	2
Volume Criteria*	100	150
Volume*	14	29
Fulfilled?:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

3. Total Intersection Entering Volume *(vehicles per hour)		
No. of Approaches	3	4
Volume Criteria*	650	800
Volume*		3,104
Fulfilled?:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Plot volume combination on the applicable figure below.



* Note: 150 vph applies as the lower threshold volume for a minor street approach with two or more lanes and 100 vph applies as the lower threshold volume threshold for a minor street approach with one lane.



* Note: 100 vph applies as the lower threshold volume for a minor street approach with two or more lanes and 75 vph applies as the lower threshold volume threshold for a minor street approach with one lane.

TRAFFIC SIGNAL WARRANT SUMMARY

City: **Jacksonville**
 County: **72 – Duval**
 District: **Two**

Engineer: **J Crammond**
 Date: **June 18, 2020**

Major Street: **San Jose Blvd**
 Minor Street: **San Jose Apt**

Lanes: **6** Major Approach Speed: **45**
 Lanes: **2** Minor Approach Speed: **45**

MUTCD Electronic Reference to Chapter 4: <http://mutcd.fhwa.dot.gov/pdfs/2009r1r2/part4.pdf>

CONCLUSIONS

Remarks: **Warrant three is applicabled and not satisfied**

WARRANTS SATISFIED:

<input type="checkbox"/> Warrant 1	<input checked="" type="checkbox"/> Not Applicable
<input type="checkbox"/> Warrant 2	<input checked="" type="checkbox"/> Not Applicable
<input type="checkbox"/> Warrant 3	<input type="checkbox"/> Not Applicable
<input type="checkbox"/> Warrant 4	<input checked="" type="checkbox"/> Not Applicable
<input type="checkbox"/> Warrant 5	<input checked="" type="checkbox"/> Not Applicable
<input type="checkbox"/> Warrant 6	<input checked="" type="checkbox"/> Not Applicable
<input type="checkbox"/> Warrant 7	<input checked="" type="checkbox"/> Not Applicable
<input type="checkbox"/> Warrant 8	<input checked="" type="checkbox"/> Not Applicable
<input type="checkbox"/> Warrant 9	<input checked="" type="checkbox"/> Not Applicable