



District Two Traffic Operations

2198 Edison Avenue
Jacksonville, Florida 32202

District Two
Jacksonville Traffic Operations

San Juan Avenue/SR 128

Duval County
Section Number 720170000, Mile Post 0.200
Assignment Report Number 2017.0290
January 2018

PROFESSIONAL ENGINEER CERTIFICATION

I hereby certify that I am a registered professional engineer in the State of Florida practicing engineering for Arcadis U.S., Inc. and that I have supervised the preparation of and approve the analysis, findings, opinions, conclusions, and technical advice hereby reported for:

PROJECT: Districtwide Traffic Operations Studies
Task Work Order 3 – San Juan Avenue
FPID # 440476-1-32-01
Jacksonville, Duval County, Florida

The engineering work represented by this document was performed through the following duly authorized engineering business:

Arcadis U.S., Inc.
1650 Prudential Drive, Suite 400
Jacksonville, Florida 32207
Certificate of Authorization No. 7917

This report provides preliminary engineering analyses for the roadway segment. Any engineering analyses, documents, conclusions, or recommendations relied upon from other professional sources or provided by others are referenced accordingly in the following report.

FLORIDA REGISTERED ENGINEER:



Satya Murty Kolluru, P.E., P.T.O.E., P.T.P.
P.E. #74459
January 5, 2017

Study Request

The Florida Department of Transportation (FDOT) Traffic Operations Division received a request to evaluate the need for a mid-block crossing on the roadway segment of San Juan Avenue/SR 128 (Mile Post (MP) 0.200) between Lane Avenue and Jammes Road on October 27, 2017. The requestor, Lalaine F. Cate, states that residents from the Noble House Retirement Home like to cross to the commercial complex across the street. The existing crosswalks are too far away, as a result, pedestrians jaywalk, posing a safety concern to the area. This request can be found under Assignment Report Number 2017.0290 in the FDOT Traffic Operations' Tracker Database.

Existing Conditions

The location under evaluation, the study roadway segment (San Juan Avenue/SR 128), is located in Duval County. The straight-line diagram for this roadway, identified as 720170000, is provided in Appendix A.

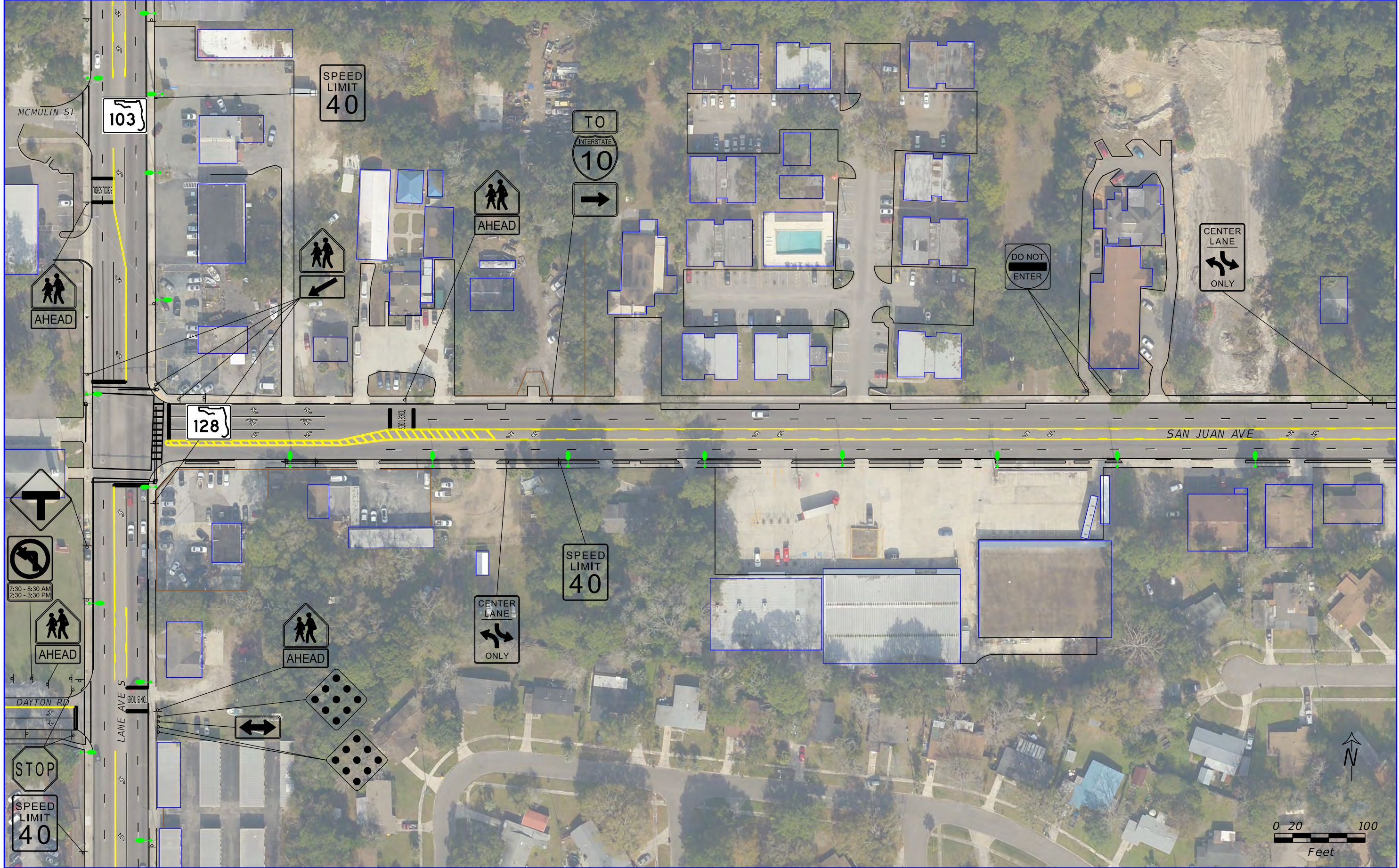
A field review of the study area was conducted from 9:00 AM to 11:00 AM on December 21, 2017, encompassing the AM pedestrian peak hour. During this field review, pedestrians were seen jaywalking across the arterial.

San Juan Avenue/SR 128 is two-lane, undivided, urban minor arterials with 11-foot lanes and a 12-foot continuous left-turn lane with 2-foot shoulders. Signalized intersections with pedestrian crosswalks were found approximately 1,125 feet to the west and 1,215 feet to the east from the point of interest. The north side of San Juan Avenue/SR 128 consists mainly of residential areas including the retirement home and the south side consists mainly of commercial establishments with some residential housing. The speed limit through the area is posted as 40 mph per the field review dated December 2017. The Access Management Classification for this facility is a Class 6.

Figure 1 provides an existing conditions diagram for the intersection and photos of the study limits are provided in Appendix B.

Summary of Findings

According to FDOT Florida Traffic Online (2016), San Juan Avenue/SR 128 (Section Number 720170000) has an Annual Average Daily Traffic (AADT) of 16,100 vehicles per day (vpd). Due to the nature of this study, turning movement counts (TMC) as well as pedestrian/bicycle crossing counts were collected for three zones. The zones are shown in Figure 2. Zones A and C indicate the area for pedestrian/bicycle crossing counts and Zone B indicates the area where TMCs were obtained. Noble House Retirement Home is located in Zone B. The TMCs were collected during a three-day period, from December 5, 2017 to December 7, 2017. The pedestrian/bicycle crossing counts were one-day counts obtained on Tuesday, December 5, 2017.



REVISIONS	
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12/05/17	<ul style="list-style-type: none"> ⊕ SINGLE POST SIGN ● LIGHT POLE

SAN JUAN AVE/SR 128

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
720170000	DUVAL	N/A

CONDITION DIAGRAM

FIGURE
1
PAGE
2

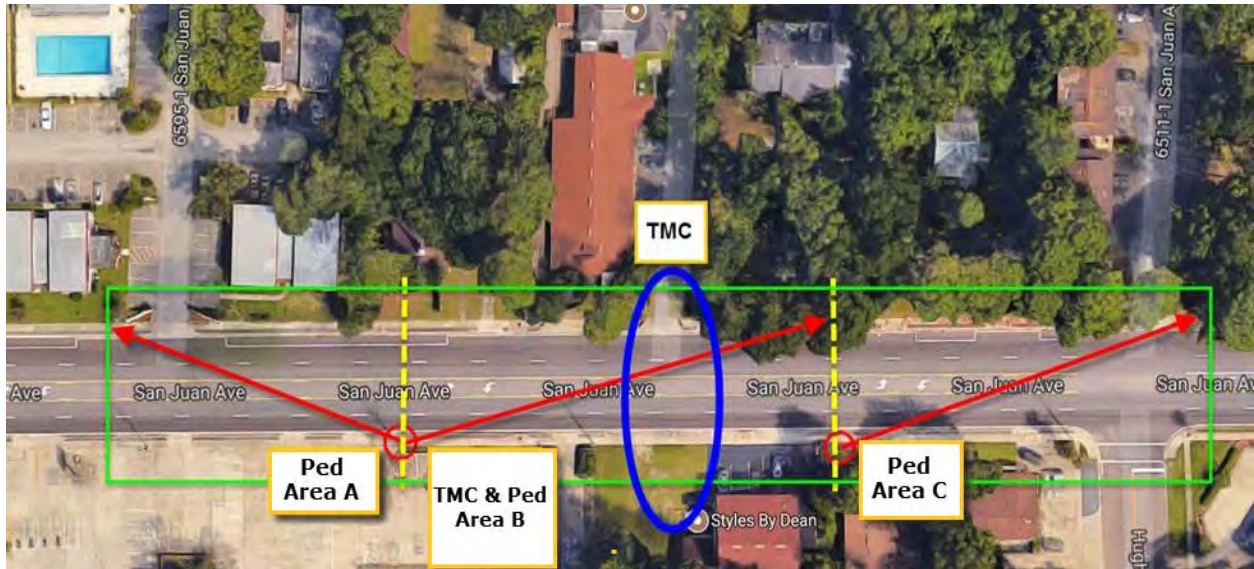


Figure 2. San Juan Avenue/SR 128 TMCs and Pedestrian/Bicycle Counts Zones

Given the three-day counts for Zone B, it is important to note the variability between the three days is low. Therefore, it can be assumed that the pedestrian/bicycle counts from Zone A and Zone C are representative of a typical weekday.

According to FDOT's Traffic Engineering Manual (TEM) Section 3.8.5, a senior, disabled person, or a child should be counted twice when considering a midblock crossing. For the purposes of this study, half of the pedestrians crossing through Zone B were considered seniors and were counted twice. Although, the counts do not specify the classification, this assumption is considered reasonable and conservative due to the proximity of the retirement facility and field observations. The final assumption made was also in accordance with FDOT's TEM Section 3.8.5. Bicycles crossing the road may be counted as pedestrians and were considered so in Zone A and Zone C.

The TEM stipulates that a midblock crossing is warranted when one hour (a period of four consecutive 15-minute intervals) has a pedestrian volume of 20 or more crossing, two hours have pedestrian volumes of 18 or more, or three hours have pedestrian volumes of 15 or more. The summarized data in Table 1 shows the hours with 20 or more pedestrians per hour highlighted in red, the hours with 18 to 20 pedestrians per hour highlighted in orange, the hours with 15 to 18 pedestrians highlighted in yellow, and the pedestrian peak hours highlighted in gray. This data shows the need for a midblock crossing within the study area. The count data is provided in Appendix C.

The pedestrian demand requirements and the minimum location characteristic requirements set by the FDOT TEM Chapter 3, Section 8.5 are met by the study area limits along San Juan/SR 128. The minimum ADT requirement of 2,000 vpd is exceeded by San Juan Avenue/SR 128 with an AADT of 16,100 vpd. The distances to the nearest crossing locations are more than 1,000 feet to the east and west of the retirement facility, exceeding the spacing requirements between adjacent intersections of 660 feet. The proposed location for the midblock crossing is outside of the

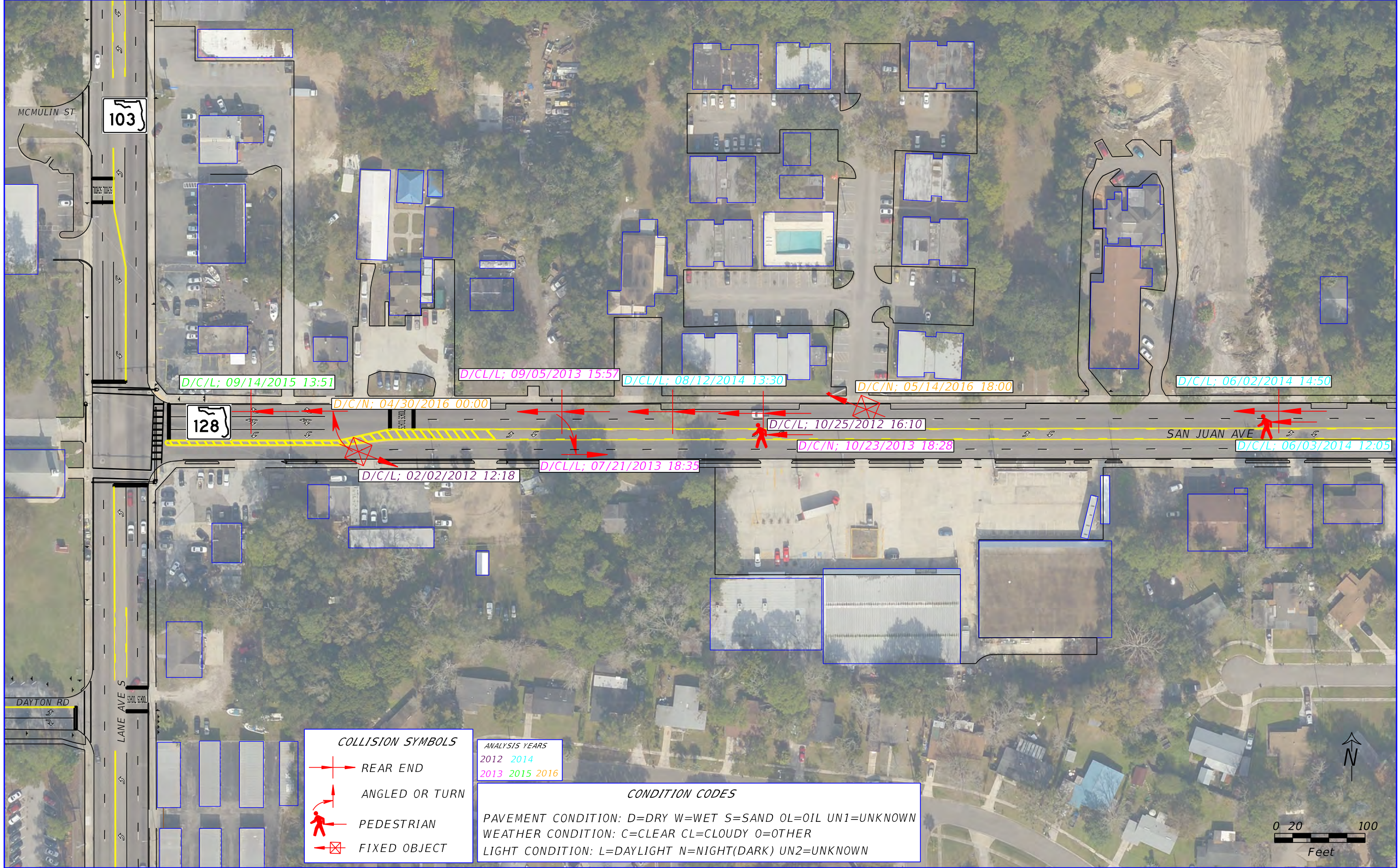
influence area from the adjacent signalized intersections. Therefore, a midblock crossing can be considered at this location.

Table 1. AM and PM Pedestrian Counts

AM Pedestrian Counts			
Start Time	End Time	Volumes	
		15-Minute	Hourly
6:00	6:15	1	
6:15	6:30	0	
6:30	6:45	0	
6:45	7:00	0	1
7:00	7:15	0	0
7:15	7:30	2	2
7:30	7:45	2	4
7:45	8:00	0	4
8:00	8:15	2	6
8:15	8:30	4	8
8:30	8:45	3	9
8:45	9:00	3	12
9:00	9:15	3	13
9:15	9:30	7	16
9:30	9:45	0	13
9:45	10:00	5	15
10:00	10:15	5	17
10:15	10:30	4	14
10:30	10:45	6	20
10:45	11:00	4	19
11:00	11:15	1	15
11:15	11:30	4	15
11:30	11:45	3	12
11:45	12:00	2	10

PM Pedestrian Counts			
Start Time	End Time	Volumes	
		15-Minute	Hourly
15:00	15:15	3	
15:15	15:30	2	
15:30	15:45	2	
15:45	16:00	1	8
16:00	16:15	3	8
16:15	16:30	0	6
16:30	16:45	2	6
16:45	17:00	5	10
17:00	17:15	4	11
17:15	17:30	0	11
17:30	17:45	0	9
17:45	18:00	0	4
18:00	18:15	0	0
18:15	18:30	0	0
18:30	18:45	0	0
18:45	19:00	0	0

Crash data, available through SignalFour Analytics, was collected between January 1, 2012 and December 31, 2016. A summary of the crash severity is provided in Table 3. The study limits experienced 12 crashes within the time frame with the predominant crash types as rear-end collisions (42 percent), angle or sideswipe collisions (25 percent), off-road collisions (17 percent), and most importantly, pedestrian collisions (17 percent) as shown in Figure 3 (further explained below). All incidents occurred on dry surfaces and most during clear weather conditions (58 percent) with the remaining under cloudy weather conditions (42 percent). Most crashes occurred during daylight hours (75 percent), but three crashes documented dark, but lit conditions (25 percent). Careless driving was documented as the contributing factor in five crashes and improper lane change in one crash. A collision diagram is provided in Figure 3 and crash details are provided in Appendix D.



REVISIONS	
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12/05/17	☉ SINGLE POST SIGN

SAN JUAN AVE/SR 128

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
720170000	DUVAL	N/A

COLLISION DIAGRAM

FIGURE 3
PAGE 5

Table 3. Crash Severity

Year	Fatality	Injury	Property Damage Only	Total
2012	0	0	2	2
2013	0	2	3	5
2014	0	1	2	3
2015	0	0	0	0
2016	0	0	2	2
Total	0%	25%	75%	100%

The first pedestrian-related collision occurred in 2013 during dusk lighting conditions. The weather was documented as clear, and the road surface as dry. The location of the incident was approximately 160 feet east of Noble House Retirement Home. A vehicle heading in the westbound direction, from a business parking lot on the south side of San Juan Ave/SR 128, struck two pedestrians. The two pedestrians involved in the collision were not utilizing a designated crosswalk as they crossed San Juan Avenue/SR 128, the nearest crosswalk to the crash location is approximately 980 feet to the east. The long-form crash report states that the driver was unable to see the pedestrians until entering the turn lane where the collision occurred. The long-form crash report also documented the age of the pedestrians as eight years of age and 43 years of age. Minor injuries were documented for both pedestrians, and neither were transported to the nearest hospital.

The second pedestrian-related collision occurred in 2014 at approximately noon. The weather conditions were documented as clear with dry road surface conditions. The location of the incident was approximately 315 feet west of Noble House Retirement Home. A vehicle traveling in an unknown direction along San Juan Avenue/SR 128 struck a pedestrian. The pedestrian was not utilizing a designated crosswalk. The nearest crosswalk is approximately 770 feet west from the collision location. The long-form crash report states the driver fled the scene of the crash. The long-form also documents injuries for the pedestrian.

Additionally, criteria provided in the Manual on Uniform Traffic Studies (MUTS) for signal warrants was evaluated to determine if a signal was necessary at this intersection. Warrant 4 evaluates the necessity of a traffic signal due to pedestrian traffic volume. The major street traffic volumes and the pedestrian volumes fall below the critical curve as shown in Appendix E. Thus, a traffic signal is not warranted at this intersection.

Recommendations and Conclusions

The San Juan Avenue/SR 128 roadway has high pedestrian volumes within the study limit. Most of the pedestrians were observed jaywalking due to the lack of nearby crosswalk and that poses the safety concerns near the study area. Based on existing site conditions, the recent five-year crash data summary, and evaluation criteria set forth by FDOT's TEM and the MUTS for midblock crossing justification and signal warrants, the installation of a midblock crosswalk, and pedestrian warning signs across San Juan Avenue/SR 128 are recommended.

A Rectangular Rapid Flashing Beacon (RRFB) is recommended for installation outside both the eastbound and westbound outside travel lanes. Furthermore, it is recommended that the RRFBs at both locations be double-sided, so drivers traveling in both the eastbound and westbound directions can see the indication. The recommendations of the midblock crossing and the RRFBs are shown in Figure 4.



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01/23/18	<ul style="list-style-type: none"> SINGLE POST SIGN PROPOSED SINGLE POST SIGN DOUBLE-SIDED RECTANGULAR RAPID FLASHING BEACON POST

SAN JUAN AVE/SR 128

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
720170000	DUVAL	N/A

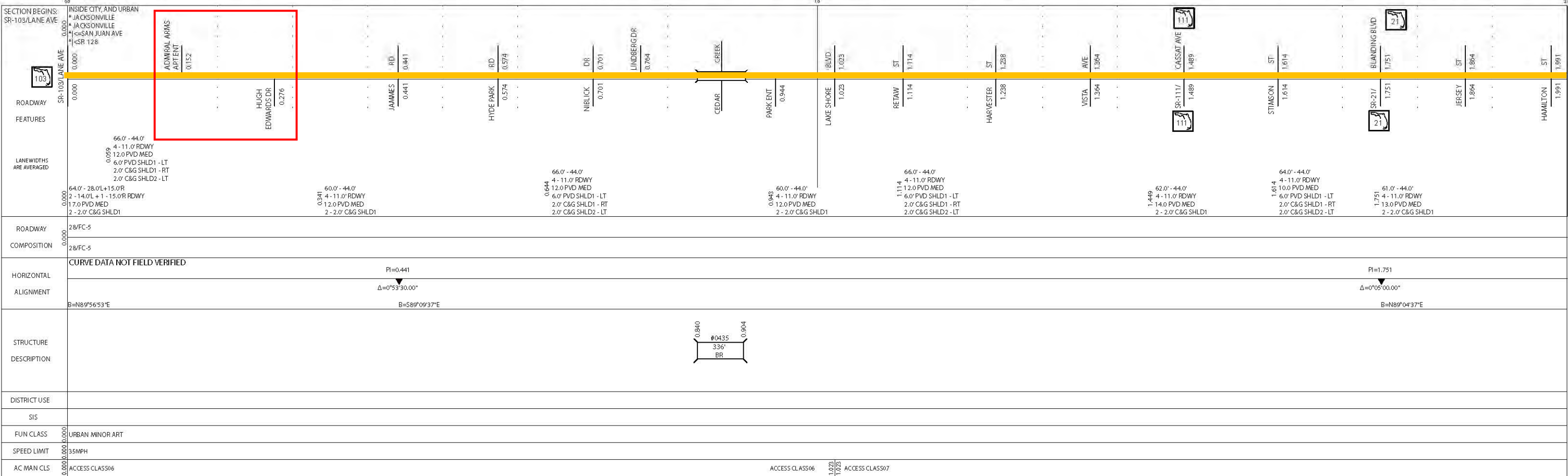
**PROPOSED RECOMMENDATIONS:
MIDBLOCK CROSSING WITH
RECTANGULAR RAPID FLASH BEACON**

**FIGURE
4
PAGE
7**

Appendix A

Straight Line Diagram

FLORIDA DEPARTMENT OF TRANSPORTATION
STRAIGHT LINE DIAGRAM OF ROAD INVENTORY



Legend

Speed Limit (MPH)

- 0 - 20
- 21 - 30
- 31 - 40
- 41 - 50
- 51 - 60
- 61 - 70
- >70

Study Area

Appendix B

Field Review Photos



Field Review Conducted: Thursday, December 21, 2017 approximately 9:00 AM – 11:00 AM

Study Area: to the left commercial zone, to the right Noble House Retirement Home (facing northwest)



Field Review Conducted: Thursday, December 21, 2017 approximately 9:00 AM – 11:00 AM

Facing east, two pedestrian jaywalking across San Juan Avenue/SR 128



Field Review Conducted: Thursday, December 21, 2017 approximately 9:00 AM – 11:00 AM

Facing east, two pedestrian jaywalking across San Juan Avenue/SR 128



Field Review Conducted: Thursday, December 21, 2017 approximately 9:00 AM – 11:00 AM

Noble House Retirement Home



Field Review Conducted: Thursday, December 21, 2017 approximately 9:00 AM – 11:00 AM

Facing north, pedestrian jaywalking along San Juan Avenue/SR 128 in front of Noble House Retirement Home

Appendix C

Turning Movement Count Data
and Pedestrian/Bicycle Count Data

Study Name Zone A
 Start Date 12/05/2017
 Start Time 6:00 AM
 Site Code Pedestrians

Channel Direction	Pathway 1	Pathway 1
	Northbound	Southbound

6:00 AM	0	1
6:15 AM	0	0
6:30 AM	0	0
6:45 AM	0	0
7:00 AM	0	0
7:15 AM	0	0
7:30 AM	0	0
7:45 AM	0	0
8:00 AM	0	0
8:15 AM	0	0
8:30 AM	0	0
8:45 AM	0	1
9:00 AM	0	0
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5:15 PM	0	0
5:30 PM	0	0
5:45 PM	0	0
6:00 PM	0	0
6:15 PM	0	0
6:30 PM	0	0
6:45 PM	0	0
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	2	3

Study Name Zone A
 Start Date 12/05/2017
 Start Time 6:00 AM
 Site Code Bicycles

Channel Direction	Pathway 1	Pathway 1
	Northbound	Southbound

6:00 AM	0	0
6:15 AM	0	0
6:30 AM	0	0
6:45 AM	0	0
7:00 AM	0	0
7:15 AM	0	0
7:30 AM	0	0
7:45 AM	0	0
8:00 AM	0	0
8:15 AM	0	0
8:30 AM	0	0
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5:30 PM	0	0
5:45 PM	0	0
6:00 PM	0	0
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6:30 PM	0	0
6:45 PM	0	0
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Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : San Juan Retirement Home & San Juan Ave TUE AM
 Site Code :
 Start Date : 12/5/2017
 Page No : 1

Groups Printed- Truck

Start Time	San Juan Retirement Home Southbound					San Juan Ave. Westbound					Business Driveway Northbound					San Juan Ave. 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	2	0	0	2	0	0	0	0	0	0	1	0	0	1	3
06:15 AM	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	5
06:30 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4	0	0	4	8
06:45 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	4
Total	1	0	0	0	1	0	11	0	0	11	0	0	0	0	0	0	8	0	0	8	20
07:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	6	0	0	6	8
07:15 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	3
07:30 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	1	0	4	6
07:45 AM	1	0	0	0	1	0	4	0	0	4	0	0	0	0	0	0	3	0	0	3	8
Total	1	0	0	0	1	0	10	0	0	10	0	0	0	0	0	0	13	1	0	14	25
08:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	6	0	0	6	8
08:15 AM	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	5	0	0	5	13
08:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	5	0	0	5	6
08:45 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	6
Total	0	0	0	0	0	0	14	0	0	14	0	0	0	0	0	0	19	0	0	19	33
09:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	5
09:15 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	5
09:30 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	3
09:45 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	5
Total	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	0	7	0	0	7	18
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10:15 AM	1	0	1	0	2	0	1	0	0	1	0	0	0	0	0	0	1	1	0	2	5
10:30 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	7
10:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	4
Total	1	0	1	0	2	0	11	0	0	11	0	0	0	0	0	0	9	1	0	10	23
11:00 AM	0	0	0	0	0	0	6	0	0	6	1	0	0	0	1	0	5	1	0	6	13
11:15 AM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	2	0	0	2	7
11:30 AM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	3	0	0	3	8
11:45 AM	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	3	0	0	3	11
Total	0	0	0	0	0	0	24	0	0	24	1	0	0	0	1	0	13	1	0	14	39
12:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
12:15 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	4
12:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
12:45 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	4
Total	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	3	0	0	3	11
01:00 PM	1	0	0	0	1	0	5	0	0	5	0	0	0	0	0	0	3	0	0	3	9
01:15 PM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	5
01:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	3
01:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	1	0	0	0	1	0	12	0	0	12	0	0	0	0	0	0	5	0	0	5	18
Grand Total	4	0	1	0	5	0	101	0	0	101	1	0	0	0	1	0	77	3	0	80	187
Apprch %	80	0	20	0		0	100	0	0		100	0	0	0		0	96.2	3.8	0		
Total %	2.1	0	0.5	0	2.7	0	54	0	0	54	0.5	0	0	0	0.5	0	41.2	1.6	0	42.8	

Start Time	San Juan Retirement Home Southbound					San Juan Ave. Westbound					Business Driveway Northbound					San Juan Ave. 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 01:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:00 AM																					
11:00 AM	0	0	0	0	0	0	6	0	0	6	1	0	0	0	1	0	5	1	0	6	13
11:15 AM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	2	0	0	2	7
11:30 AM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	3	0	0	3	8
11:45 AM	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	3	0	0	3	11
Total Volume	0	0	0	0	0	0	24	0	0	24	1	0	0	0	1	0	13	1	0	14	39
% App. Total	0	0	0	0		0	100	0	0		100	0	0	0		0	92.9	7.1	0		
PHF	.000	.000	.000	.000	.000	.000	.750	.000	.750	.750	.250	.000	.000	.250	.250	.000	.650	.250	.583	.583	.750

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File Name : San Juan Retirement Home & San Juan Ave TUE AM
 Site Code :
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 Page No : 1

Groups Printed- Combined

Start Time	San Juan Retirement Home Southbound					San Juan Ave. Westbound					Business Driveway Northbound					San Juan Ave. 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	1	1	0	28	0	0	28	0	0	0	2	2	0	33	1	0	34	65
06:15 AM	1	0	0	1	2	0	44	0	0	44	0	0	0	1	1	0	67	0	0	67	114
06:30 AM	0	0	0	3	3	1	59	0	0	60	0	0	0	0	0	0	95	0	1	96	159
06:45 AM	0	0	0	0	0	0	69	0	0	69	0	0	0	3	3	0	118	1	0	119	191
Total	1	0	0	5	6	1	200	0	0	201	0	0	0	6	6	0	313	2	1	316	529
07:00 AM	1	0	0	0	1	0	66	0	0	66	0	0	0	1	1	0	157	1	0	158	226
07:15 AM	0	0	0	0	0	1	60	0	0	61	0	0	0	1	1	0	156	0	0	156	218
07:30 AM	0	1	2	4	7	3	80	0	3	86	0	0	0	3	3	0	133	2	0	135	231
07:45 AM	2	0	0	1	3	1	83	0	0	84	0	0	0	1	1	0	133	1	0	134	222
Total	3	1	2	5	11	5	289	0	3	297	0	0	0	6	6	0	579	4	0	583	897
08:00 AM	0	0	0	0	0	0	99	1	2	102	0	0	0	0	0	0	146	0	0	146	248
08:15 AM	1	0	0	1	2	0	104	1	2	107	1	0	1	3	5	0	159	0	0	159	273
08:30 AM	0	1	0	1	2	0	71	0	1	72	0	0	0	3	3	1	137	0	0	138	215
08:45 AM	0	0	0	1	1	0	77	0	3	80	0	0	0	3	3	0	108	2	0	110	194
Total	1	1	0	3	5	0	351	2	8	361	1	0	1	9	11	1	550	2	0	553	930
09:00 AM	2	0	0	1	3	1	83	0	2	86	0	0	0	2	2	0	79	0	0	79	170
09:15 AM	0	0	0	1	1	1	67	0	2	70	0	0	0	2	2	0	99	1	0	100	173
09:30 AM	2	0	0	1	3	0	62	0	0	62	0	0	0	2	2	0	74	0	0	74	141
09:45 AM	1	0	0	1	2	0	62	0	3	65	0	0	0	0	0	0	84	1	0	85	152
Total	5	0	0	4	9	2	274	0	7	283	0	0	0	6	6	0	336	2	0	338	636
10:00 AM	0	0	0	0	0	0	67	0	0	67	0	0	0	1	1	1	84	2	0	87	155
10:15 AM	3	0	1	0	4	2	75	0	1	78	0	0	0	0	0	0	67	2	0	69	151
10:30 AM	0	0	0	0	0	0	68	0	2	70	0	0	0	2	2	1	68	0	0	69	141
10:45 AM	0	0	0	1	1	0	78	1	1	80	0	0	0	0	0	0	94	1	1	96	177
Total	3	0	1	1	5	2	288	1	4	295	0	0	0	3	3	2	313	5	1	321	624
11:00 AM	1	0	0	2	3	1	112	0	1	114	1	0	0	1	2	0	73	4	0	77	196
11:15 AM	1	0	0	2	3	1	94	0	3	98	0	0	0	1	1	1	81	0	0	82	184
11:30 AM	2	0	3	2	7	0	91	0	0	91	0	0	0	0	0	1	61	0	0	62	160
11:45 AM	0	0	0	0	0	1	104	0	1	106	0	0	0	0	0	0	89	1	0	90	196
Total	4	0	3	6	13	3	401	0	5	409	1	0	0	2	3	2	304	5	0	311	736
12:00 PM	4	0	0	0	4	0	91	1	0	92	0	0	0	0	0	0	74	0	0	74	170
12:15 PM	2	0	0	4	6	2	108	0	2	112	0	0	0	1	1	0	91	1	0	92	211
12:30 PM	1	0	0	3	4	1	122	0	1	124	1	0	1	1	3	0	100	1	0	101	232
12:45 PM	0	0	0	2	2	1	92	0	0	93	1	0	0	2	3	0	104	0	0	104	202
Total	7	0	0	9	16	4	413	1	3	421	2	0	1	4	7	0	369	2	0	371	815
01:00 PM	2	0	0	4	6	0	103	1	0	104	0	0	2	0	2	1	88	1	0	90	202
01:15 PM	0	0	0	2	2	1	105	0	2	108	0	0	0	0	0	0	88	3	0	91	201
01:30 PM	1	0	1	2	4	3	104	0	0	107	0	0	0	2	2	0	79	1	0	80	193
01:45 PM	0	0	0	1	1	0	118	0	1	119	0	0	0	0	0	0	91	2	0	93	213
Total	3	0	1	9	13	4	430	1	3	438	0	0	2	2	4	1	346	7	0	354	809
Grand Total	27	2	7	42	78	21	2646	5	33	2705	4	0	4	38	46	6	3110	29	2	3147	5976
Apprch %	34.6	2.6	9	53.8		0.8	97.8	0.2	1.2		8.7	0	8.7	82.6		0.2	98.8	0.9	0.1		
Total %	0.5	0	0.1	0.7	1.3	0.4	44.3	0.1	0.6	45.3	0.1	0	0.1	0.6	0.8	0.1	52	0.5	0	52.7	

Start Time	San Juan Retirement Home Southbound					San Juan Ave. Westbound					Business Driveway Northbound					San Juan Ave. 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 01:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	1	2	3		3	80	0	83		0	0	0	0		0	133	2	135		221
07:45 AM	2	0	0	2		1	83	0	84		0	0	0	0		0	133	1	134		220
08:00 AM	0	0	0	0		0	99	1	100		0	0	0	0		0	146	0	146		246
08:15 AM	1	0	0	1		0	104	1	105		1	0	1	2		0	159	0	159		267
Total Volume	3	1	2	6		4	366	2	372		1	0	1	2		0	571	3	574		954
% App. Total	50	16.7	33.3			1.1	98.4	0.5			50	0	50			0	99.5	0.5			
PHF	.375	.250	.250	.500		.333	.880	.500	.886		.250	.000	.250	.250		.000	.898	.375	.903		.893

Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : San Juan Retirement Home & San Juan Ave TUE PM
 Site Code :
 Start Date : 12/5/2017
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Groups Printed- Car

Start Time	San Juan Retirement Home Southbound					San Juan Ave. Westbound					Business Driveway Northbound					San Juan Ave. 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	
03:00 PM	2	0	2	2	6	0	154	1	1	156	0	0	0	4	4	0	105	1	1	107	273
03:15 PM	4	0	1	1	6	1	121	0	0	122	0	0	0	5	5	0	107	1	0	108	241
03:30 PM	1	0	0	3	4	0	130	0	0	130	0	0	0	1	1	0	122	0	0	122	257
03:45 PM	0	0	0	6	6	1	152	0	0	153	0	0	0	3	3	0	96	0	0	96	258
Total	7	0	3	12	22	2	557	1	1	561	0	0	0	13	13	0	430	2	1	433	1029
04:00 PM	2	0	1	1	4	1	172	0	0	173	0	0	0	7	7	0	95	0	0	95	279
04:15 PM	0	0	0	1	1	0	153	0	0	153	0	0	0	2	2	0	107	0	0	107	263
04:30 PM	1	0	0	2	3	1	164	0	0	165	0	0	0	2	2	0	88	0	0	88	258
04:45 PM	3	0	0	2	5	0	197	0	0	197	0	0	0	3	3	0	127	0	0	127	332
Total	6	0	1	6	13	2	686	0	0	688	0	0	0	14	14	0	417	0	0	417	1132
05:00 PM	3	0	0	2	5	0	177	0	1	178	0	0	1	2	3	0	123	0	0	123	309
05:15 PM	0	0	0	1	1	0	207	0	1	208	1	0	0	1	2	0	100	0	0	100	311
05:30 PM	0	0	0	2	2	0	191	1	1	193	0	0	0	3	3	0	110	0	0	110	308
05:45 PM	0	0	0	0	0	1	199	0	0	200	0	0	0	5	5	0	119	0	0	119	324
Total	3	0	0	5	8	1	774	1	3	779	1	0	1	11	13	0	452	0	0	452	1252
06:00 PM	0	0	0	3	3	0	171	0	0	171	0	0	0	1	1	0	98	0	0	98	273
06:15 PM	0	0	0	3	3	0	177	0	0	177	0	0	0	1	1	0	97	0	0	97	278
06:30 PM	1	0	0	4	5	1	114	0	0	115	0	0	0	1	1	0	71	1	0	72	193
06:45 PM	2	0	0	2	4	2	112	0	0	114	0	0	0	0	0	0	75	2	0	77	195
Total	3	0	0	12	15	3	574	0	0	577	0	0	0	3	3	0	341	3	0	344	939
Grand Total	19	0	4	35	58	8	2591	2	4	2605	1	0	1	41	43	0	1640	5	1	1646	4352
Apprch %	32.8	0	6.9	60.3		0.3	99.5	0.1	0.2		2.3	0	2.3	95.3		0	99.6	0.3	0.1		
Total %	0.4	0	0.1	0.8	1.3	0.2	59.5	0	0.1	59.9	0	0	0	0.9	1	0	37.7	0.1	0	37.8	

Start Time	San Juan Retirement Home Southbound				San Juan Ave. Westbound				Business Driveway Northbound				San Juan Ave. 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 03:00 PM to 06:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	3	0	0	3	0	197	0	197	0	0	0	0	0	127	0	127	327
05:00 PM	3	0	0	3	0	177	0	177	0	0	1	1	0	123	0	123	304
05:15 PM	0	0	0	0	0	207	0	207	1	0	0	1	0	100	0	100	308
05:30 PM	0	0	0	0	0	191	1	192	0	0	0	0	0	110	0	110	302
Total Volume	6	0	0	6	0	772	1	773	1	0	1	2	0	460	0	460	1241
% App. Total	100	0	0		0	99.9	0.1		50	0	50		0	100	0		
PHF	.500	.000	.000	.500	.000	.932	.250	.934	.250	.000	.250	.500	.000	.906	.000	.906	.949

Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : San Juan Retirement Home & San Juan Ave TUE PM

Site Code :

Start Date : 12/5/2017

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Groups Printed- Truck

Start Time	San Juan Retirement Home Southbound					San Juan Ave. Westbound					Business Driveway Northbound					San Juan Ave. 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	
03:00 PM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	6	0	0	6	11
03:15 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	6
03:30 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	7
03:45 PM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	5	0	0	5	10
Total	0	0	0	0	0	0	16	0	0	16	0	0	0	0	0	0	18	0	0	18	34
04:00 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	5
04:15 PM	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	1	0	0	1	13
04:30 PM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	2	0	0	2	7
04:45 PM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	3	0	0	3	7
Total	0	0	0	0	0	0	23	0	0	23	0	0	0	0	0	0	9	0	0	9	32
05:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
05:15 PM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	4	0	0	4	9
05:30 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2
05:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	5	0	0	5	14
06:00 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	3
06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
06:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
06:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4
Total	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	5	0	0	5	10
Grand Total	0	0	0	0	0	0	53	0	0	53	0	0	0	0	0	0	37	0	0	37	90
Apprch %	0	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	100	0	0	100	
Total %	0	0	0	0	0	0	58.9	0	0	58.9	0	0	0	0	0	0	41.1	0	0	41.1	

Start Time	San Juan Retirement Home Southbound					San Juan Ave. Westbound					Business Driveway Northbound					San Juan Ave. 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 03:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:30 PM																					
03:30 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	7
03:45 PM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	5	0	0	5	10
04:00 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	5
04:15 PM	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	1	0	0	1	13
Total Volume	0	0	0	0	0	0	22	0	0	22	0	0	0	0	0	0	13	0	0	13	35
% App. Total	0	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	100	0	0	100	
PHF	.000	.000	.000	.000	.000	.000	.458	.000	.458	.458	.000	.000	.000	.000	.000	.000	.650	.000	.650	.650	.673

Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : San Juan Retirement Home & San Juan Ave TUE PM

Site Code :

Start Date : 12/5/2017

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Groups Printed- Combined

Start Time	San Juan Retirement Home Southbound					San Juan Ave. Westbound					Business Driveway Northbound					San Juan Ave. 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	
03:00 PM	2	0	2	2	6	0	159	1	1	161	0	0	0	4	4	0	111	1	1	113	284
03:15 PM	4	0	1	1	6	1	124	0	0	125	0	0	0	5	5	0	110	1	0	111	247
03:30 PM	1	0	0	3	4	0	133	0	0	133	0	0	0	1	1	0	126	0	0	126	264
03:45 PM	0	0	0	6	6	1	157	0	0	158	0	0	0	3	3	0	101	0	0	101	268
Total	7	0	3	12	22	2	573	1	1	577	0	0	0	13	13	0	448	2	1	451	1063
04:00 PM	2	0	1	1	4	1	174	0	0	175	0	0	0	7	7	0	98	0	0	98	284
04:15 PM	0	0	0	1	1	0	165	0	0	165	0	0	0	2	2	0	108	0	0	108	276
04:30 PM	1	0	0	2	3	1	169	0	0	170	0	0	0	2	2	0	90	0	0	90	265
04:45 PM	3	0	0	2	5	0	201	0	0	201	0	0	0	3	3	0	130	0	0	130	339
Total	6	0	1	6	13	2	709	0	0	711	0	0	0	14	14	0	426	0	0	426	1164
05:00 PM	3	0	0	2	5	0	178	0	1	179	0	0	1	2	3	0	124	0	0	124	311
05:15 PM	0	0	0	1	1	0	212	0	1	213	1	0	0	1	2	0	104	0	0	104	320
05:30 PM	0	0	0	2	2	0	193	1	1	195	0	0	0	3	3	0	110	0	0	110	310
05:45 PM	0	0	0	0	0	1	200	0	0	201	0	0	0	5	5	0	119	0	0	119	325
Total	3	0	0	5	8	1	783	1	3	788	1	0	1	11	13	0	457	0	0	457	1266
06:00 PM	0	0	0	3	3	0	173	0	0	173	0	0	0	1	1	0	99	0	0	99	276
06:15 PM	0	0	0	3	3	0	177	0	0	177	0	0	0	1	1	0	98	0	0	98	279
06:30 PM	1	0	0	4	5	1	115	0	0	116	0	0	0	1	1	0	72	1	0	73	195
06:45 PM	2	0	0	2	4	2	114	0	0	116	0	0	0	0	0	0	77	2	0	79	199
Total	3	0	0	12	15	3	579	0	0	582	0	0	0	3	3	0	346	3	0	349	949
Grand Total	19	0	4	35	58	8	2644	2	4	2658	1	0	1	41	43	0	1677	5	1	1683	4442
Apprch %	32.8	0	6.9	60.3		0.3	99.5	0.1	0.2		2.3	0	2.3	95.3		0	99.6	0.3	0.1		
Total %	0.4	0	0.1	0.8	1.3	0.2	59.5	0	0.1	59.8	0	0	0	0.9	1	0	37.8	0.1	0	37.9	

Start Time	San Juan Retirement Home Southbound				San Juan Ave. Westbound				Business Driveway Northbound				San Juan Ave. 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 03:00 PM to 06:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	3	0	0	3	0	201	0	201	0	0	0	0	0	130	0	130	334
05:00 PM	3	0	0	3	0	178	0	178	0	0	1	1	0	124	0	124	306
05:15 PM	0	0	0	0	0	212	0	212	1	0	0	1	0	104	0	104	317
05:30 PM	0	0	0	0	0	193	1	194	0	0	0	0	0	110	0	110	304
Total Volume	6	0	0	6	0	784	1	785	1	0	1	2	0	468	0	468	1261
% App. Total	100	0	0		0	99.9	0.1		50	0	50		0	100	0		
PHF	.500	.000	.000	.500	.000	.925	.250	.926	.250	.000	.250	.500	.000	.900	.000	.900	.944

Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : San Juan Retirement Home & San Juan Ave WED AM
 Site Code :
 Start Date : 12/6/2017
 Page No : 1

Groups Printed- Truck

Start Time	San Juan Retirement Home Southbound					San Juan Ave Westbound					Business Driveway Northbound					San Juan Ave 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	2	0	0	2	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	4	0	0	4	4
06:30 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4
06:45 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	1	0	0	1	5
Total	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	7	0	0	7	15
07:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	6	0	0	6	8
07:15 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	5
07:30 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	5
07:45 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	4
Total	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	12	0	0	12	22
08:00 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	6	0	0	6	10
08:15 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	7
08:30 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	5
08:45 AM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	2	0	0	2	7
Total	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	0	14	0	0	14	29
09:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	3
09:15 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	5
09:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
09:45 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4	0	0	4	8
Total	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	7	0	0	7	17
10:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
10:15 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
10:30 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	5
10:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
Total	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	5	0	0	5	10
11:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	5
11:15 AM	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	6
11:30 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	4
11:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	5
Total	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	8	0	0	8	20
12:00 PM	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	1	0	0	1	1
12:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	5
12:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4
Total	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	7	0	0	7	10
01:00 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	3
01:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
01:30 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	3
01:45 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	4
Total	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	4	0	0	4	11
Grand Total	0	0	0	0	0	0	70	0	0	70	0	0	0	0	0	0	64	0	0	64	134
Apprch %	0	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	100	0	0	100	
Total %	0	0	0	0	0	0	52.2	0	0	52.2	0	0	0	0	0	0	47.8	0	0	47.8	

Start Time	San Juan Retirement Home Southbound				San Juan Ave Westbound				Business Driveway Northbound				San Juan Ave 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 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	0	0	0	0	4	0	4	0	0	0	0	0	6	0	6	10
08:15 AM	0	0	0	0	0	3	0	3	0	0	0	0	0	4	0	4	7
08:30 AM	0	0	0	0	0	3	0	3	0	0	0	0	0	2	0	2	5
08:45 AM	0	0	0	0	0	5	0	5	0	0	0	0	0	2	0	2	7
Total Volume	0	0	0	0	0	15	0	15	0	0	0	0	0	14	0	14	29
% App. Total	0	0	0	0	0	100	0	100	0	0	0	0	0	100	0	100	
PHF	.000	.000	.000	.000	.000	.750	.000	.750	.000	.000	.000	.000	.000	.583	.000	.583	.725

Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : San Juan Retirement Home & San Juan Ave WED PM

Site Code :

Start Date : 12/6/2017

Page No : 1

Groups Printed- Car

Start Time	San Juan Retirement Home Southbound					San Juan Ave Westbound					Business Driveway Northbound					San Juan Ave 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	
03:00 PM	4	0	2	1	7	2	139	0	0	141	0	0	0	2	2	0	93	2	0	95	245
03:15 PM	4	0	0	4	8	1	125	0	1	127	0	0	0	2	2	0	98	1	0	99	236
03:30 PM	2	0	0	11	13	0	137	0	0	137	0	0	0	1	1	0	133	1	2	136	287
03:45 PM	1	0	1	0	2	1	152	0	0	153	0	0	0	1	1	0	113	1	0	114	270
Total	11	0	3	16	30	4	553	0	1	558	0	0	0	6	6	0	437	5	2	444	1038
04:00 PM	1	0	0	3	4	1	141	0	0	142	0	0	0	3	3	0	98	0	0	98	247
04:15 PM	0	0	0	4	4	0	190	1	0	191	1	0	0	3	4	0	119	0	0	119	318
04:30 PM	0	0	0	3	3	1	183	0	0	184	1	0	0	1	2	0	97	0	0	97	286
04:45 PM	3	0	2	5	10	1	173	0	1	175	0	0	0	0	0	0	105	1	1	107	292
Total	4	0	2	15	21	3	687	1	1	692	2	0	0	7	9	0	419	1	1	421	1143
05:00 PM	1	0	0	1	2	1	220	0	0	221	0	0	0	1	1	0	122	0	0	122	346
05:15 PM	0	0	0	0	0	0	218	0	0	218	0	0	1	6	7	0	118	0	0	118	343
05:30 PM	1	0	1	0	2	1	177	0	0	178	0	0	0	1	1	0	125	0	0	125	306
05:45 PM	1	0	0	0	1	1	183	0	0	184	0	0	0	1	1	0	134	3	0	137	323
Total	3	0	1	1	5	3	798	0	0	801	0	0	1	9	10	0	499	3	0	502	1318
06:00 PM	1	0	0	1	2	0	142	1	0	143	0	0	0	1	1	0	107	1	0	108	254
06:15 PM	1	0	0	1	2	0	137	0	0	137	0	0	0	3	3	0	100	0	0	100	242
06:30 PM	0	0	0	1	1	0	130	0	0	130	0	0	0	1	1	0	99	1	0	100	232
06:45 PM	0	0	1	0	1	2	111	0	0	113	0	0	0	0	0	0	80	0	0	80	194
Total	2	0	1	3	6	2	520	1	0	523	0	0	0	5	5	0	386	2	0	388	922
Grand Total	20	0	7	35	62	12	2558	2	2	2574	2	0	1	27	30	0	1741	11	3	1755	4421
Apprch %	32.3	0	11.3	56.5		0.5	99.4	0.1	0.1		6.7	0	3.3	90		0	99.2	0.6	0.2		
Total %	0.5	0	0.2	0.8	1.4	0.3	57.9	0	0	58.2	0	0	0	0.6	0.7	0	39.4	0.2	0.1	39.7	

Start Time	San Juan Retirement Home Southbound				San Juan Ave Westbound				Business Driveway Northbound				San Juan Ave 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 03:00 PM to 06:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	1	0	0	1	1	220	0	221	0	0	0	0	0	122	0	122	344
05:15 PM	0	0	0	0	0	218	0	218	0	0	1	1	0	118	0	118	337
05:30 PM	1	0	1	2	1	177	0	178	0	0	0	0	0	125	0	125	305
05:45 PM	1	0	0	1	1	183	0	184	0	0	0	0	0	134	3	137	322
Total Volume	3	0	1	4	3	798	0	801	0	0	1	1	0	499	3	502	1308
% App. Total	75	0	25		0.4	99.6	0		0	0	100		0	99.4	0.6		
PHF	.750	.000	.250	.500	.750	.907	.000	.906	.000	.000	.250	.250	.000	.931	.250	.916	.951

Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : San Juan Retirement Home & San Juan Ave WED PM

Site Code :

Start Date : 12/6/2017

Page No : 1

Groups Printed- Truck

Start Time	San Juan Retirement Home Southbound					San Juan Ave Westbound					Business Driveway Northbound					San Juan Ave 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		
03:00 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	5	0	0	5	5	8
03:15 PM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	5	0	0	5	5	10
03:30 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	3	5
03:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	5	0	0	5	5	7
Total	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	18	0	0	18	18	30
04:00 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
04:15 PM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	2	0	0	2	2	7
04:30 PM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	1	0	0	1	1	5
04:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	2	4
Total	0	0	0	0	0	0	14	0	0	14	0	0	0	0	0	0	5	0	0	5	5	19
05:00 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	3	5
05:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	1	3
05:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	1	2
05:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	5	0	0	5	5	12
06:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	1	2
06:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	3	4
06:30 PM	0	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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	4	7
Grand Total	0	0	0	0	0	0	36	0	0	36	0	0	0	0	0	0	32	0	0	32	32	68
Apprch %	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0
Total %	0	0	0	0	0	0	52.9	0	0	52.9	0	0	0	0	0	0	47.1	0	0	47.1	47.1	0

Start Time	San Juan Retirement Home Southbound				San Juan Ave Westbound				Business Driveway Northbound				San Juan Ave 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 03:00 PM to 06:45 PM - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 03:00 PM																		
03:00 PM	0	0	0	0	0	3	0	3	0	0	0	0	0	5	0	5	5	8
03:15 PM	0	0	0	0	0	5	0	5	0	0	0	0	0	5	0	5	5	10
03:30 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	3	0	3	3	5
03:45 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	5	0	5	5	7
Total Volume	0	0	0	0	0	12	0	12	0	0	0	0	0	18	0	18	18	30
% App. Total	0	0	0	0	0	100	0	0	0	0	0	0	0	100	0	0	0	0
PHF	.000	.000	.000	.000	.000	.600	.000	.600	.000	.000	.000	.000	.000	.900	.000	.900	.900	.750

Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : San Juan Retirement Home & San Juan Ave WED PM

Site Code :

Start Date : 12/6/2017

Page No : 1

Groups Printed- Combined

Start Time	San Juan Retirement Home Southbound					San Juan Ave Westbound					Business Driveway Northbound					San Juan Ave 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	
03:00 PM	4	0	2	1	7	2	142	0	0	144	0	0	0	2	2	0	98	2	0	100	253
03:15 PM	4	0	0	4	8	1	130	0	1	132	0	0	0	2	2	0	103	1	0	104	246
03:30 PM	2	0	0	11	13	0	139	0	0	139	0	0	0	1	1	0	136	1	2	139	292
03:45 PM	1	0	1	0	2	1	154	0	0	155	0	0	0	1	1	0	118	1	0	119	277
Total	11	0	3	16	30	4	565	0	1	570	0	0	0	6	6	0	455	5	2	462	1068
04:00 PM	1	0	0	3	4	1	144	0	0	145	0	0	0	3	3	0	98	0	0	98	250
04:15 PM	0	0	0	4	4	0	195	1	0	196	1	0	0	3	4	0	121	0	0	121	325
04:30 PM	0	0	0	3	3	1	187	0	0	188	1	0	0	1	2	0	98	0	0	98	291
04:45 PM	3	0	2	5	10	1	175	0	1	177	0	0	0	0	0	0	107	1	1	109	296
Total	4	0	2	15	21	3	701	1	1	706	2	0	0	7	9	0	424	1	1	426	1162
05:00 PM	1	0	0	1	2	1	222	0	0	223	0	0	0	1	1	0	125	0	0	125	351
05:15 PM	0	0	0	0	0	0	220	0	0	220	0	0	1	6	7	0	119	0	0	119	346
05:30 PM	1	0	1	0	2	1	178	0	0	179	0	0	0	1	1	0	126	0	0	126	308
05:45 PM	1	0	0	0	1	1	185	0	0	186	0	0	0	1	1	0	134	3	0	137	325
Total	3	0	1	1	5	3	805	0	0	808	0	0	1	9	10	0	504	3	0	507	1330
06:00 PM	1	0	0	1	2	0	143	1	0	144	0	0	0	1	1	0	108	1	0	109	256
06:15 PM	1	0	0	1	2	0	138	0	0	138	0	0	0	3	3	0	103	0	0	103	246
06:30 PM	0	0	0	1	1	0	130	0	0	130	0	0	0	1	1	0	99	1	0	100	232
06:45 PM	0	0	1	0	1	2	112	0	0	114	0	0	0	0	0	0	80	0	0	80	195
Total	2	0	1	3	6	2	523	1	0	526	0	0	0	5	5	0	390	2	0	392	929
Grand Total	20	0	7	35	62	12	2594	2	2	2610	2	0	1	27	30	0	1773	11	3	1787	4489
Apprch %	32.3	0	11.3	56.5		0.5	99.4	0.1	0.1		6.7	0	3.3	90		0	99.2	0.6	0.2		
Total %	0.4	0	0.2	0.8	1.4	0.3	57.8	0	0	58.1	0	0	0	0.6	0.7	0	39.5	0.2	0.1	39.8	

Start Time	San Juan Retirement Home Southbound				San Juan Ave Westbound				Business Driveway Northbound				San Juan Ave 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 03:00 PM to 06:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	1	0	0	1	1	222	0	223	0	0	0	0	0	125	0	125	349
05:15 PM	0	0	0	0	0	220	0	220	0	0	1	1	0	119	0	119	340
05:30 PM	1	0	1	2	1	178	0	179	0	0	0	0	0	126	0	126	307
05:45 PM	1	0	0	1	1	185	0	186	0	0	0	0	0	134	3	137	324
Total Volume	3	0	1	4	3	805	0	808	0	0	1	1	0	504	3	507	1320
% App. Total	75	0	25		0.4	99.6	0		0	0	100		0	99.4	0.6		
PHF	.750	.000	.250	.500	.750	.907	.000	.906	.000	.000	.250	.250	.000	.940	.250	.925	.946

Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : San Juan Retirement Home & San Juan Ave THU AM
 Site Code :
 Start Date : 12/7/2017
 Page No : 1

Groups Printed- Truck

Start Time	San Juan Retirement Home Southbound					San Juan Ave Westbound					Business Driveway Northbound					San Juan Ave 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	2	0	0	2	0	0	0	0	0	0	1	0	0	1	3
06:15 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	4
06:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	5
06:45 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	4
Total	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	9	0	0	9	16
07:00 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	5	0	0	5	9
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	4	0	0	4	0	0	0	0	0	0	5	0	0	5	9
07:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	4
Total	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	13	0	0	13	22
08:00 AM	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	8	0	0	8	14
08:15 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	7	0	0	7	11
08:30 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	4
08:45 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	5
Total	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	0	19	0	0	19	34
09:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	5
09:15 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	6	0	0	6	9
09:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	3
09:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
Total	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	12	0	0	12	19
10:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
10:15 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	1	0	1	4
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
10:45 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4
Total	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	4	1	0	5	11
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	5
11:15 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
11:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
11:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
Total	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	8	0	0	8	11
12:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	4
12:15 PM	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	6
12:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	5
12:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	3
Total	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	8	0	0	8	18
01:00 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	3
01:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4
01:30 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	5	0	0	5	8
01:45 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	7
Total	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	12	0	0	12	22
Grand Total	0	0	0	0	0	0	67	0	0	67	0	0	0	0	0	0	85	1	0	86	153
Apprch %	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	98.8	1.2	0	0	0
Total %	0	0	0	0	0	0	43.8	0	0	43.8	0	0	0	0	0	0	55.6	0.7	0	56.2	0

Start Time	San Juan Retirement Home Southbound					San Juan Ave Westbound					Business Driveway Northbound					San Juan Ave 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 01:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	5	0	0	5	9
07:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	4
08:00 AM	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	8	0	0	8	14
08:15 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	7	0	0	7	11
Total Volume	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	0	23	0	0	23	38
% App. Total	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	100	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.625	.000	.625	.000	.000	.000	.000	.000	.000	.719	.000	.719	.000	.679	

Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : San Juan Retirement Home & San Juan Ave THU PM
 Site Code :
 Start Date : 12/7/2017
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Groups Printed- Car

Start Time	San Juan Retirement Home Southbound					San Juan Ave Westbound					Business Driveway Northbound					San Juan Ave 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	
03:00 PM	0	0	1	0	1	1	143	0	1	145	0	0	0	1	1	0	101	0	0	101	248
03:15 PM	0	0	2	1	3	2	157	0	1	160	0	0	0	0	0	0	104	0	0	104	267
03:30 PM	2	0	1	2	5	0	130	0	1	131	0	0	0	1	1	0	122	1	1	124	261
03:45 PM	1	0	1	3	5	1	120	0	0	121	0	0	0	2	2	0	100	0	1	101	229
Total	3	0	5	6	14	4	550	0	3	557	0	0	0	4	4	0	427	1	2	430	1005
04:00 PM	0	0	0	3	3	0	152	0	2	154	1	0	0	1	2	0	115	0	0	115	274
04:15 PM	0	0	0	1	1	0	161	0	0	161	0	0	0	1	1	0	109	0	0	109	272
04:30 PM	0	0	3	1	4	0	184	0	1	185	0	0	0	0	0	0	102	0	0	102	291
04:45 PM	1	0	0	0	1	0	179	1	0	180	0	0	0	0	0	0	109	0	0	109	290
Total	1	0	3	5	9	0	676	1	3	680	1	0	0	2	3	0	435	0	0	435	1127
05:00 PM	1	0	0	1	2	0	187	0	0	187	0	0	0	1	1	0	92	4	0	96	286
05:15 PM	1	0	1	0	2	0	201	0	0	201	0	0	0	0	0	0	99	1	0	100	303
05:30 PM	1	0	0	0	1	0	145	0	0	145	0	0	0	1	1	0	132	0	0	132	279
05:45 PM	1	0	1	0	2	0	166	0	0	166	0	0	0	0	0	0	101	0	0	101	269
Total	4	0	2	1	7	0	699	0	0	699	0	0	0	2	2	0	424	5	0	429	1137
06:00 PM	1	0	0	0	1	0	144	0	0	144	0	0	0	1	1	0	94	1	0	95	241
06:15 PM	0	0	0	2	2	0	134	0	0	134	0	0	0	1	1	0	87	0	0	87	224
06:30 PM	1	0	0	3	4	1	121	0	0	122	0	0	0	0	0	0	79	1	0	80	206
06:45 PM	2	0	0	2	4	1	116	0	0	117	0	0	0	0	0	0	92	2	0	94	215
Total	4	0	0	7	11	2	515	0	0	517	0	0	0	2	2	0	352	4	0	356	886
Grand Total	12	0	10	19	41	6	2440	1	6	2453	1	0	0	10	11	0	1638	10	2	1650	4155
Apprch %	29.3	0	24.4	46.3		0.2	99.5	0	0.2		9.1	0	0	90.9		0	99.3	0.6	0.1		
Total %	0.3	0	0.2	0.5	1	0.1	58.7	0	0.1	59	0	0	0	0.2	0.3	0	39.4	0.2	0	39.7	

Start Time	San Juan Retirement Home Southbound				San Juan Ave Westbound				Business Driveway Northbound				San Juan Ave 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 03:00 PM to 06:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	3	3	0	184	0	184	0	0	0	0	0	102	0	102	289
04:45 PM	1	0	0	1	0	179	1	180	0	0	0	0	0	109	0	109	290
05:00 PM	1	0	0	1	0	187	0	187	0	0	0	0	0	92	4	96	284
05:15 PM	1	0	1	2	0	201	0	201	0	0	0	0	0	99	1	100	303
Total Volume	3	0	4	7	0	751	1	752	0	0	0	0	0	402	5	407	1166
% App. Total	42.9	0	57.1		0	99.9	0.1		0	0	0		0	98.8	1.2		
PHF	.750	.000	.333	.583	.000	.934	.250	.935	.000	.000	.000	.000	.000	.922	.313	.933	.962

Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : San Juan Retirement Home & San Juan Ave THU PM

Site Code :

Start Date : 12/7/2017

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Groups Printed- Truck

Start Time	San Juan Retirement Home Southbound					San Juan Ave Westbound					Business Driveway Northbound					San Juan Ave 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	
03:00 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	6	0	0	6	8
03:15 PM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	1	0	0	1	5
03:30 PM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	6
03:45 PM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4	0	0	4	8
Total	0	0	0	0	0	0	14	0	0	14	0	0	0	0	0	0	13	0	0	13	27
04:00 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	3
04:15 PM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	5
04:30 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	5
04:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	5
Total	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	6	0	0	6	18
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	5	0	0	5	0	0	0	0	0	0	1	0	0	1	6
05:30 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	3
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	8	0	0	8	0	0	0	0	0	0	1	0	0	1	9
06:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
06:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	3
06:30 PM	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	1	0	0	1	7
06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Total	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	3	0	0	3	12
Grand Total	0	0	0	0	0	0	43	0	0	43	0	0	0	0	0	0	23	0	0	23	66
Apprch %	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	100	0	0	0	0
Total %	0	0	0	0	0	0	65.2	0	0	65.2	0	0	0	0	0	0	34.8	0	0	34.8	0

Start Time	San Juan Retirement Home Southbound				San Juan Ave Westbound				Business Driveway Northbound				San Juan Ave 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 03:00 PM to 06:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:00 PM																	
03:00 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	6	0	6	8
03:15 PM	0	0	0	0	0	4	0	4	0	0	0	0	0	1	0	1	5
03:30 PM	0	0	0	0	0	4	0	4	0	0	0	0	0	2	0	2	6
03:45 PM	0	0	0	0	0	4	0	4	0	0	0	0	0	4	0	4	8
Total Volume	0	0	0	0	0	14	0	14	0	0	0	0	0	13	0	13	27
% App. Total	0	0	0	0	0	100	0	0	0	0	0	0	0	100	0	0	0
PHF	.000	.000	.000	.000	.000	.875	.000	.875	.000	.000	.000	.000	.000	.542	.000	.542	.844

Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : San Juan Retirement Home & San Juan Ave THU PM

Site Code :

Start Date : 12/7/2017

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Groups Printed- Combined

Start Time	San Juan Retirement Home Southbound					San Juan Ave Westbound					Business Driveway Northbound					San Juan Ave 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	
03:00 PM	0	0	1	0	1	1	145	0	1	147	0	0	0	1	1	0	107	0	0	107	256
03:15 PM	0	0	2	1	3	2	161	0	1	164	0	0	0	0	0	0	105	0	0	105	272
03:30 PM	2	0	1	2	5	0	134	0	1	135	0	0	0	1	1	0	124	1	1	126	267
03:45 PM	1	0	1	3	5	1	124	0	0	125	0	0	0	2	2	0	104	0	1	105	237
Total	3	0	5	6	14	4	564	0	3	571	0	0	0	4	4	0	440	1	2	443	1032
04:00 PM	0	0	0	3	3	0	155	0	2	157	1	0	0	1	2	0	115	0	0	115	277
04:15 PM	0	0	0	1	1	0	166	0	0	166	0	0	0	1	1	0	109	0	0	109	277
04:30 PM	0	0	3	1	4	0	187	0	1	188	0	0	0	0	0	0	104	0	0	104	296
04:45 PM	1	0	0	0	1	0	180	1	0	181	0	0	0	0	0	0	113	0	0	113	295
Total	1	0	3	5	9	0	688	1	3	692	1	0	0	2	3	0	441	0	0	441	1145
05:00 PM	1	0	0	1	2	0	187	0	0	187	0	0	0	1	1	0	92	4	0	96	286
05:15 PM	1	0	1	0	2	0	206	0	0	206	0	0	0	0	0	0	100	1	0	101	309
05:30 PM	1	0	0	0	1	0	148	0	0	148	0	0	0	1	1	0	132	0	0	132	282
05:45 PM	1	0	1	0	2	0	166	0	0	166	0	0	0	0	0	0	101	0	0	101	269
Total	4	0	2	1	7	0	707	0	0	707	0	0	0	2	2	0	425	5	0	430	1146
06:00 PM	1	0	0	0	1	0	145	0	0	145	0	0	0	1	1	0	94	1	0	95	242
06:15 PM	0	0	0	2	2	0	136	0	0	136	0	0	0	1	1	0	88	0	0	88	227
06:30 PM	1	0	0	3	4	1	127	0	0	128	0	0	0	0	0	0	80	1	0	81	213
06:45 PM	2	0	0	2	4	1	116	0	0	117	0	0	0	0	0	0	93	2	0	95	216
Total	4	0	0	7	11	2	524	0	0	526	0	0	0	2	2	0	355	4	0	359	898
Grand Total	12	0	10	19	41	6	2483	1	6	2496	1	0	0	10	11	0	1661	10	2	1673	4221
Apprch %	29.3	0	24.4	46.3		0.2	99.5	0	0.2		9.1	0	0	90.9		0	99.3	0.6	0.1		
Total %	0.3	0	0.2	0.5	1	0.1	58.8	0	0.1	59.1	0	0	0	0.2	0.3	0	39.4	0.2	0	39.6	

Start Time	San Juan Retirement Home Southbound				San Juan Ave Westbound				Business Driveway Northbound				San Juan Ave 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 03:00 PM to 06:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	3	3	0	187	0	187	0	0	0	0	0	104	0	104	294
04:45 PM	1	0	0	1	0	180	1	181	0	0	0	0	0	113	0	113	295
05:00 PM	1	0	0	1	0	187	0	187	0	0	0	0	0	92	4	96	284
05:15 PM	1	0	1	2	0	206	0	206	0	0	0	0	0	100	1	101	309
Total Volume	3	0	4	7	0	760	1	761	0	0	0	0	0	409	5	414	1182
% App. Total	42.9	0	57.1		0	99.9	0.1		0	0	0		0	98.8	1.2		
PHF	.750	.000	.333	.583	.000	.922	.250	.924	.000	.000	.000	.000	.000	.905	.313	.916	.956

Study Name Zone C
 Start Date 12/05/2017
 Start Time 6:00 AM
 Site Code Pedestrians

Channel Direction	Peds crossing San Juan	Peds crossing San Juan
	Northbound	Southbound

6:00 AM	0	0
6:15 AM	0	0
6:30 AM	0	0
6:45 AM	0	0
7:00 AM	0	0
7:15 AM	0	0
7:30 AM	0	0
7:45 AM	0	0
8:00 AM	0	0
8:15 AM	2	0
8:30 AM	0	1
8:45 AM	0	0
9:00 AM	1	0
9:15 AM	1	4
9:30 AM	0	0
9:45 AM	3	0
10:00 AM	1	2
10:15 AM	1	0
10:30 AM	1	2
10:45 AM	1	0
11:00 AM	0	1
11:15 AM	1	0
11:30 AM	0	3
11:45 AM	1	1
12:00 PM	0	0
12:15 PM	0	0
12:30 PM	0	0
12:45 PM	1	0
1:00 PM	0	0
1:15 PM	1	0
1:30 PM	0	0
1:45 PM	0	0
3:00 PM	0	1
3:15 PM	0	0
3:30 PM	0	0
3:45 PM	1	0
4:00 PM	1	0
4:15 PM	0	0
4:30 PM	2	0
4:45 PM	2	0
5:00 PM	0	0
5:15 PM	0	0
5:30 PM	0	0
5:45 PM	0	0
6:00 PM	0	0
6:15 PM	0	0
6:30 PM	0	0
6:45 PM	0	0
<hr/>		
	21	15

Study Name Zone C
 Start Date 12/05/2017
 Start Time 6:00 AM
 Site Code Bicycles

Channel Direction	Peds crossing San Juan	Peds crossing San Juan
	Northbound	Southbound

6:00 AM	0	0
6:15 AM	0	0
6:30 AM	0	0
6:45 AM	0	0
7:00 AM	0	0
7:15 AM	0	0
7:30 AM	0	0
7:45 AM	0	0
8:00 AM	0	0
8:15 AM	0	0
8:30 AM	0	0
8:45 AM	0	0
9:00 AM	0	0
9:15 AM	0	0
9:30 AM	0	0
9:45 AM	0	0
10:00 AM	0	0
10:15 AM	0	0
10:30 AM	0	0
10:45 AM	0	0
11:00 AM	0	0
11:15 AM	0	0
11:30 AM	0	0
11:45 AM	0	0
12:00 PM	0	0
12:15 PM	0	0
12:30 PM	0	0
12:45 PM	0	0
1:00 PM	0	0
1:15 PM	0	0
1:30 PM	0	0
1:45 PM	0	0
3:00 PM	0	0
3:15 PM	0	0
3:30 PM	0	0
3:45 PM	0	0
4:00 PM	0	0
4:15 PM	0	0
4:30 PM	0	0
4:45 PM	0	0
5:00 PM	2	2
5:15 PM	0	0
5:30 PM	0	0
5:45 PM	0	0
6:00 PM	0	0
6:15 PM	0	0
6:30 PM	0	0
6:45 PM	0	0
	<hr/>	<hr/>
	2	2

Appendix D

Crash Data

State of Florida Department of Transportation

COLLISION SUMMARY

General Information

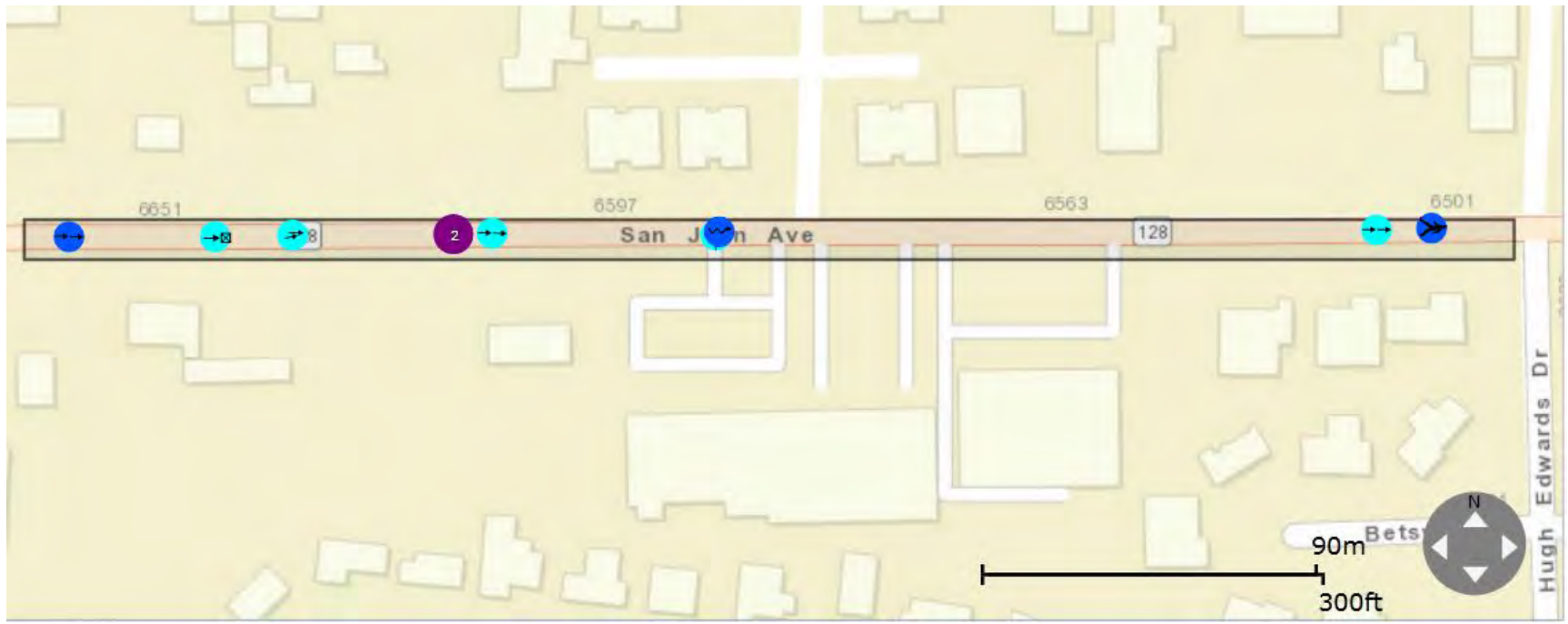
Section/Roadway ID: 720170000 State Road: San Juan Ave/SR 128
 Intersecting Route: Retirement Home Driveway Study Period: 1/1/12 To: 12/31/16
 Milepost: 0.2 Data by: Signal Four Analytics
 County: Duval Date: Friday, December 22, 2017

No.	Date	Day	Time	Severity		Property Damage	Crash Type	Day / Night	Wet / Dry	Contributing Cause		
				Fatal	Injury							
1	2/2/12	Thu	12:18 PM	0	0	\$2,000	Off Road	Day	Dry	None		
2	10/25/12	Thu	4:10 PM	0	0	\$0	Rear End	Day	Dry	Careless Driving		
3	7/21/13	Sun	6:35 PM	0	0	\$0	Sideswipe	Day	Dry	Improper Lane Change		
4	10/23/13	Wed	6:28 PM	0	2	\$0	Bicycle / Pedestrian	Night	Dry	Other		
5	8/7/13	Wed	12:23 PM	0	0	\$0	Rear End	Day	Dry	None		
6	9/5/13	Thu	3:57 PM	0	0	\$0	Rear End	Day	Dry	Careless Driving		
7	8/15/13	Thu	9:51 AM	0	1	\$0	Angle	Day	Dry	None		
8	6/2/14	Mon	2:50 PM	0	0	\$0	Rear End	Day	Dry	Careless Driving		
9	8/12/14	Tue	1:30 PM	0	0	\$0	Rear End	Day	Dry	Careless Driving		
10	6/3/14	Tue	12:05 PM	0	1	\$0	Bicycle / Pedestrian	Day	Dry	None		
11	4/30/16	Sat	12:00 AM	0	0	\$0	Sideswipe	Night	Dry	None		
12	5/14/16	Sat	6:00 PM	0	0	\$0	Off Road	Night	Dry	Careless Driving		
TOTAL				0	4	\$ 2,000						

Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Backed Into	Bicycle / Pedestrian	Other
12	0	3	1	5	0	1	0	0	2	0	2	0
PERCENT	0%	25%	8%	42%	0%	8%	0%	0%	17%	0%	17%	0%

Contrib. Cause	Day	Night	PAVEMENT CONDITIONS			Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Failed to Yield ROW	Disregarded Control Devices	Other
			WET	DRY	Unknown							
TOTAL	9	3	0	12	0	0	0	5	1	0	0	1
PERCENT	75%	25%	0%	100%	0%	0%	0%	42%	8%	0%	0%	8%

Total Vehicles Entering/ADT: _____ Collision Rate: _____ PER M.E.V.



HSMV Report Number	Crash Date	Crash Time	City	County	Crash Street	Intersecting Street	Offset Direction	Crash Type	Vehicles	Alcohol Related	Distraction Related	Drug Related	Weather Condition	Light Condition	Crash Severity	Type of Shoulder	Road Surface	Contributing Cause
83045932	02/02/12	12:18 PM	Jacksonville	Duval	SR 128 (SAN JUAN AVE)			Off Road	1	N	N	N	Clear	Daylight	Property Damage Only	Curb	Dry	None
84475999	08/12/14	1:30 PM	Jacksonville	Duval	SR-128 (SAN JUAN AVE)	SR-103 (LANE AVE)	East	Rear End	2	N	N	N	Cloudy	Daylight	Property Damage Only	Curb	Dry	None
83338205	07/21/13	6:35 PM	Jacksonville	Duval	SAN JUAN AVE	SR103	East	Sideswipe	2	N	N	Y	Cloudy	Daylight	Property Damage Only	Curb	Dry	None
83659709	09/05/13	3:57 PM	Jacksonville	Duval	SR 128 (SAN JUAN AVE)	SR 103 (LANE AVE)	East	Rear End	2	N	N	N	Cloudy	Daylight	Property Damage Only	Curb	Dry	None
86180527	05/14/16	6:00 PM	Jacksonville	Duval	SAN JUAN AVE	ADMIRAL ARMS APARTMENTS	North	Off Road	1	Y	N	N	Clear	Dusk	Property Damage Only	Paved	Dry	None
83216247	10/25/12	4:10 PM	Jacksonville	Duval	SAN JUAN AVE	JAMMES RD	North	Rear End	4	N	N	N	Clear	Daylight	Property Damage Only	Paved	Dry	None
83391070	10/23/13	6:28 PM	Jacksonville	Duval	SAN JUAN AVE			Other	1	N	N	N	Clear	Dusk	Injury	Curb	Dry	None
83643971	08/07/13	12:23 PM	Jacksonville	Duval	SR-128	HUGH EDWARDS DRIVE		Rear End	2	N	N	N	Cloudy	Daylight	Property Damage Only	Curb	Dry	None
83662543	08/15/13	9:51 AM	Jacksonville	Duval	STATE ROAD 128	HUGH EDWARDS DRIVE		Angle	2	N	N	N	Cloudy	Daylight	Injury	Curb	Dry	None
83820791	06/02/14	2:50 PM	Jacksonville	Duval	STATE ROAD 128	LANE AVENUE	East	Rear End	2	N	N	N	Clear	Daylight	Property Damage Only	Curb	Dry	None
84660184	06/03/14	12:05 PM	Jacksonville	Duval	S.R. 128 (SAN JUAN AVE)	HUGH EDWARDS DR.	West	Pedestrian	1	N	N	N	Clear	Daylight	Injury	Curb	Dry	None
84927922	04/30/16	12:00 AM	Jacksonville	Duval	SAN JUAN AVE	S. LANE AVE	East	Sideswipe	2	N	N	N	Clear	Dark	Property Damage Only	Curb	Dry	None

Appendix E

Signal Warrant

MUTS Form 75002001

State of Florida Department of Transportation
TRAFFIC SIGNAL WARRANT SUMMARY

Form 750-020-01
TRAFFIC ENGINEERING
10/15

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

Engineer: **Arcadis**
Date: **January 5, 2018**

Major Street: **San Juan Ave/SR 128** Lanes: **5** Major Approach Speed: **40**
Minor Street: **Driveway** Lanes: **1** Minor Approach Speed: **20**

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

Volume Level Criteria

1. Is the posted speed or 85th-percentile of major street > 40 mph (70 km/h)? Yes No
 2. 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 4 - PEDESTRIAN VOLUME

For each of any 4 hours of an average day, the plotted points lie above the appropriate line, then the warrant is satisfied.

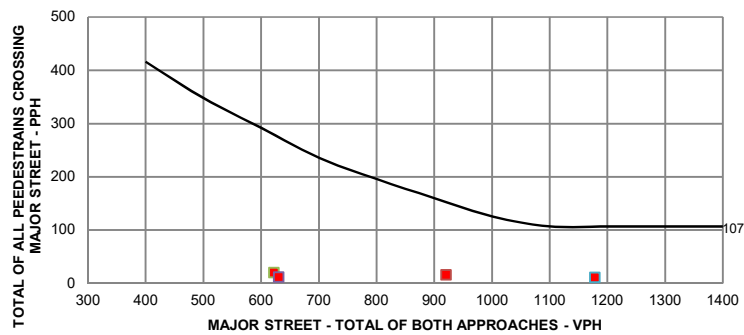
Applicable: Yes No
Satisfied: Yes No

100% Volume Level

Four Highest Hours	Volumes	
	Major Street	Pedestrian Total
8:30 AM	920	16
9:45 AM	622	20
10:45 AM	630	12
10:45 AM	1178	11

Plot four volume combinations on the applicable figure below.

Figure 4C-5. Criteria for "100%" Volume Level

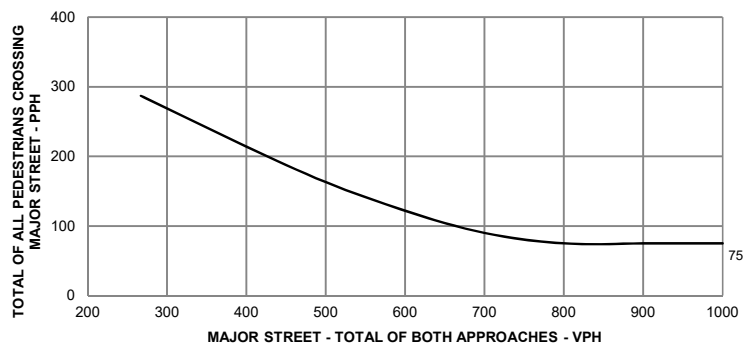


* Note: 107 pph applies as the lower threshold volume

70% Volume Level

Four Highest Hours	Volumes	
	Major Street	Pedestrian Total

Figure 4C-6 Criteria for "70%" Volume Level



* Note: 75 pph applies as the lower threshold volume

WARRANT 4 - PEDESTRIAN VOLUME

For 1 hour (any four consecutive 15-minute periods) of an average day, the plotted point falls above the appropriate line, then the warrant is satisfied.

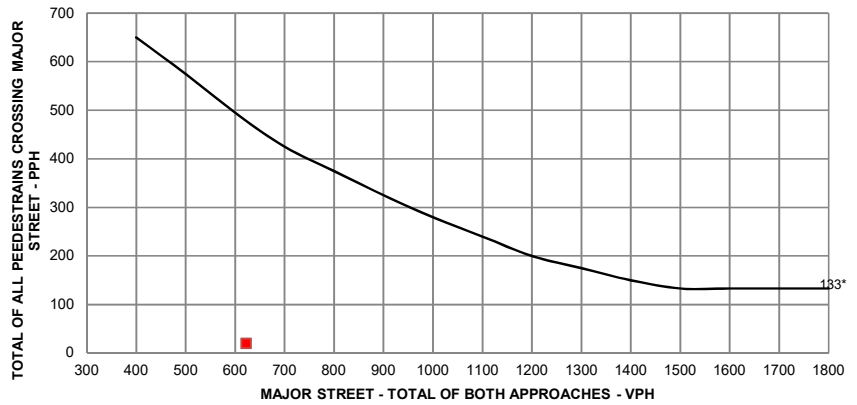
Applicable: Yes No
 Satisfied: Yes No

Plot one volume combination on the applicable figure below.

100% Volume Level

Peak Hour	Volumes	
	Major Street	Pedestrian Total
9:45 AM	622	20

Figure 4C-7. Criteria for "100%" Volume Level - Peak Hour

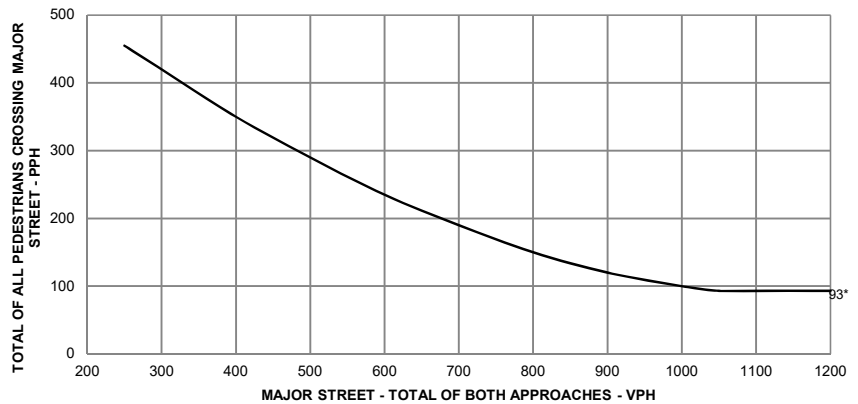


* Note: 133 pph applies as the lower threshold volume

70% Volume Level

Peak Hour	Volumes	
	Major Street	Pedestrian Total

Figure 4C-8 Criteria for "70%" Volume Level - Peak Hour



* Note: 93 pph applies as the lower threshold volume