

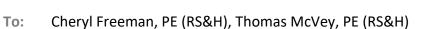
# Appendix D

Safety and Crashes Technical Memo





### **Technical Memorandum**



From: Russell Yaffee, PE, PTOE (Peters and Yaffee)

Date: October 10 2019

Re: JTA GEC Skyway Modernization Program

#### **Overview of Project**

Peters and Yaffee was requested to review crashes along the potential autonomous vehicle extensions of the existing skyway route. The project locations studies are outlined in Table 1:

Corridor	Begin Limit	End Limit
Park Street	Post Street	Stonewall Street
Forest Street	Park Street	Riverside Avenue
Riverside Avenue	Peninsular Place	Leila Street
East Bay Street	Main Street	Metropolitan Park
West 8th Street	Illinois Street	Main Street
Main Street	West 8th Street	East 1st Street
East 1st Street	Main Street	Hogan Street
Hogan Street	East 1st Street	Caroline Street
Prudential Drive	Kings Avenue	The District
Kings Avenue	Vine Street	Atlantic Boulevard
San Marco Boulevard	Mary Street	Nira Street

#### **Table 1 - Project Corridors Studied**

Signal Four Analytics was used to obtain crash data for the project corridors for a three year period covering January 1, 2015 to December 31, 2017. The total number of crashes for each corridor for the three year period analyzed is shown in Table 2.



Corridor	Begin Limit	End Limit	No. of Crashes
Park Street	Post Street	Stonewall Street	109
Forest Street	Park Street	Riverside Avenue	16
Riverside Avenue	Peninsular Place	Leila Street	117
East Bay Street	Main Street	Metropolitan Park	41
West 8th Street	Illinois Street	Main Street	72
Main Street	West 8th Street	East 1st Street	66
East 1st Street	Main Street	Hogan Street	10
Hogan Street	East 1st Street	Caroline Street	0
Prudential Drive	Kings Avenue	The District	5
Kings Avenue	Vine Street	Atlantic Boulevard	15
San Marco Boulevard	Mary Street	Nira Street	132

Table 2 - Project Corridors Total Crashes (1/1/15 to 12/31/17)

#### Hotspot Areas

Each corridor was reviewed for hotspot areas (those areas with a higher frequency of crashes) and the top twenty-two hotspot areas were identified using the mapped out crash data. These hotspots cover approximately 13,200 feet of the 27,000 foot total project area and the locations are shown in Table 3.

#### Table 3 - Project Hotspot Areas (1/1/15 to 12/31/17)

Corridor	Hotspot Area Descriptions	No. of Crashes
Park Street	Post Street, Riverside Park Place, Rosselle Street and Forest Street	90
Forest Street	No hotspot areas along the corridor	n/a
Riverside Avenue	Rosselle Street, Forest Street, Dora Street, Jackson Street and Stonewall Street	94
East Bay Street	South Liberty Street and N. Catherine Street	23
West 8th Street	Illinois Street, Boulevard Street, Shands Hospital Drive and N. Pearl Street	61
Main Street	W. Eighth Street and Third Street	44
East 1st Street	Main Street	15
Hogan Street	No hotspot areas along the corridor	n/a
Prudential Drive	Kings Avenue	5
Kings Avenue	Atlantic Boulevard	29
San Marco Boulevard	Gary Street and Nira Street	71

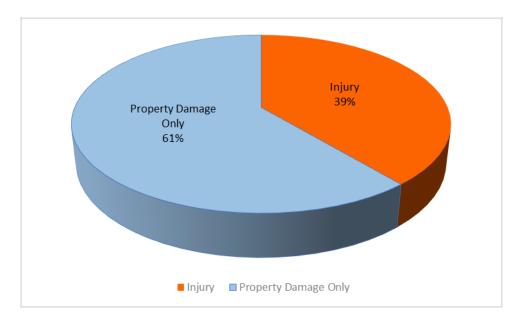
#### **Collision Summary and Diagrams**

The crash data and police reports were used to generate collision diagrams and collision summaries for each hotspot area. The collision summaries tabulate the details of the crashes such as the location, time of day, roadway conditions, injuries, type of crash, and contributing cause. Each crash in the crash summary was assigned a number for identification purposes.

The crash summaries can be seen in Appendix A. The collision diagrams show graphically the location of each crash, direction of travel, and injury severity on aerial maps of the hotspot areas. The crashes in the collision diagrams were labeled with the same number that was used in the collision summary. The collision diagrams are located in Appendix B.

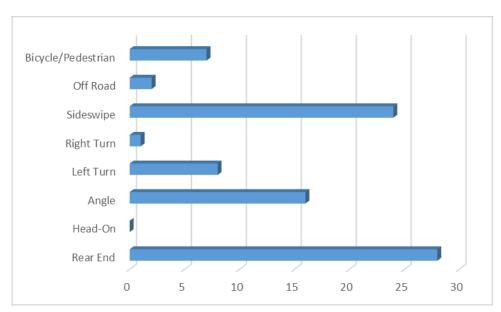
#### Park Street

The Hotspot Areas on Park Street are located in the vicinity of Post Street, Riverside Park Place, Rosselle Street and Forest Street. The crashes included 61% that were property damage only and 39% included injuries. The majority of the crashes were rear-end, sideswipe, or angle collisions.



#### Chart 1 – Injury and Property Damage Only Crashes on Park Street

Chart 2 – Crash Types On Park Street



#### **Riverside Avenue**

The Hotspot Areas on Riverside Avenue are located in the vicinity of Rosselle Street, Forest Street, Dora Street, Jackson Street and Stonewall Street. The crashes included 69% that were property damage only and 31% included injuries. The majority of the crashes were rear-end collisions.

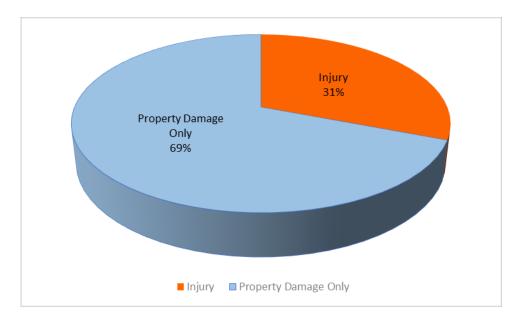
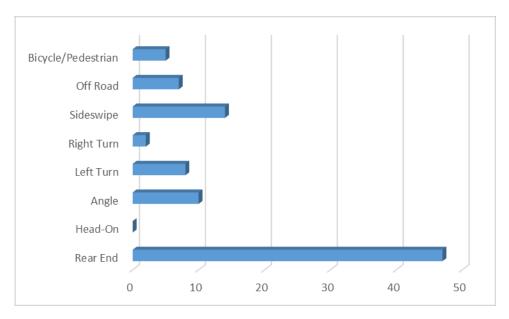


Chart 3 – Injury and Property Damage Only Crashes on Riverside Avenue





#### East Bay Street

The Hotspot Areas on East Bay Street are located in the vicinity of South Liberty Street and North Catherine Street. The crashes included 78% that were property damage only and 22% included injuries. The majority of the crashes were sideswipe, angle, or rear-end collisions.

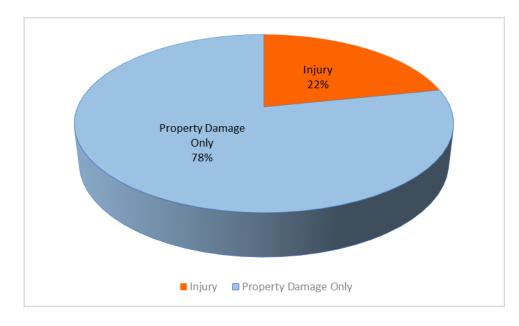
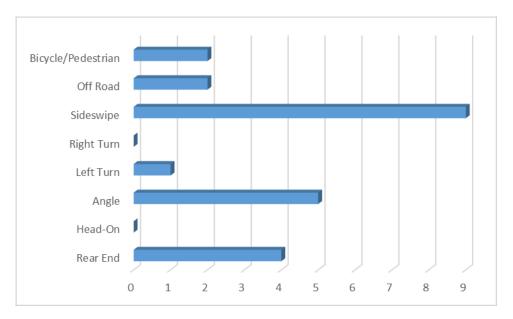


Chart 5 – Injury and Property Damage Only Crashes on East Bay Street





#### West 8th Street

The Hotspot Areas on West 8<sup>th</sup> Street are located in the vicinity of Illinois Street, Boulevard Street, Shands Hospital Drive, and North Pearl Street. The crashes included 64% that were property damage only and 36% included injuries. The majority of the crashes were rear-end, sideswipe, or bicycle/pedestrian collisions.

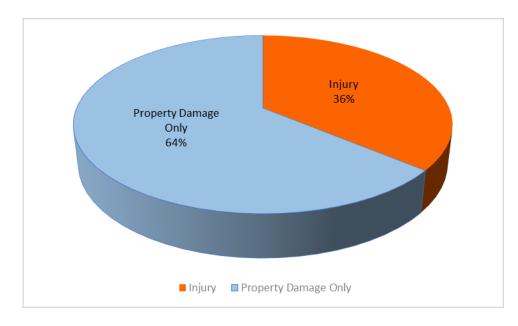
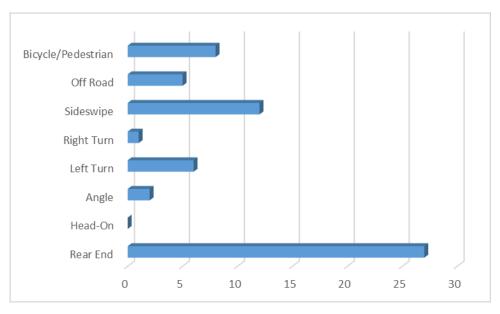


Chart 7 – Injury and Property Damage Only Crashes on West 8th Street





#### Main Street

The Hotspot Areas on Main Street are located in the vicinity of West 8th Street and Third Street. The crashes included 64% that were property damage only and 36% included injuries. The majority of the crashes were angle, rear-end, and sideswipe collisions.

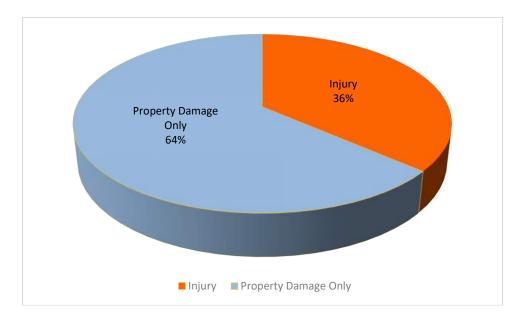
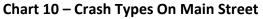
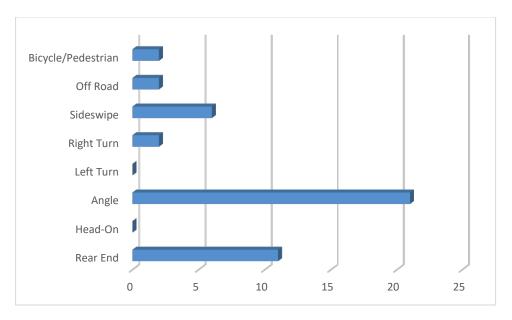


Chart 9 – Injury and Property Damage Only Crashes on Main Street





#### East 1<sup>st</sup> Street

The Hotspot Area on East First Street is located in the vicinity of Main Street. The crashes included 60% that were property damage only and 40% included injuries. The majority of the crashes were angle, left-turn, and run-off-road collisions.

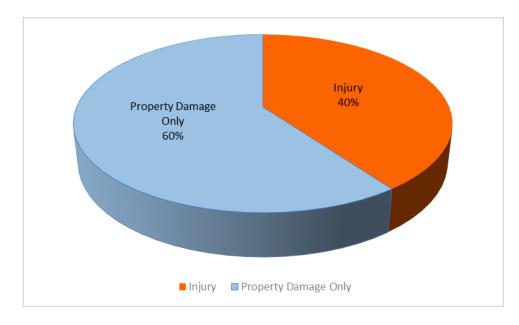
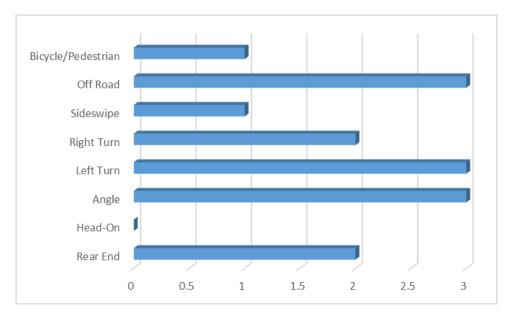


Chart 11 – Injury and Property Damage Only Crashes on East 1<sup>st</sup> Street





#### Prudential Drive

The Hotspot Area on Prudential Drive is located in the vicinity of Kings Avenue. The crashes included 60% that were property damage only and 40% included injuries. The majority of the crashes were rear-end, run-off-road, and bicycle/pedestrian collisions.

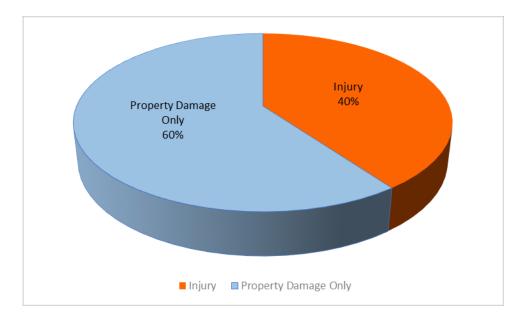
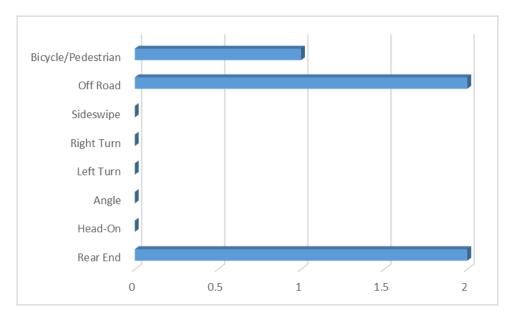


Chart 13 – Injury and Property Damage Only Crashes on Prudential Drive





#### Kings Avenue

The Hotspot Area on Kings Avenue is located in the vicinity of Atlantic Boulevard. The crashes included 69% that were property damage only and 31% included injuries. The majority of the crashes were rear-end and left-turn collisions.

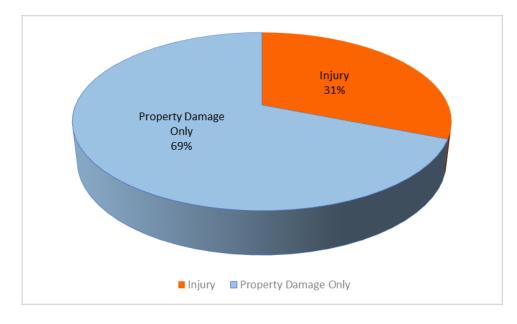
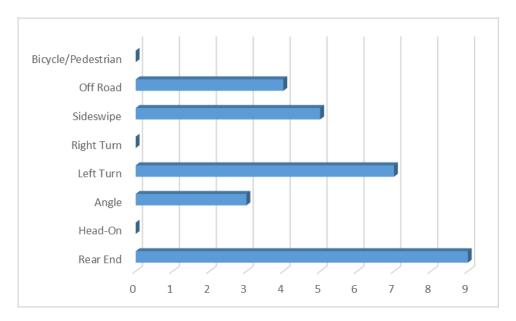


Chart 15 – Injury and Property Damage Only Crashes on Kings Avenue

Chart 16 – Crash Types On Kings Avenue



#### San Marco Boulevard

The Hotspot Areas on San Marco Boulevard are located in the vicinity of Gary Street and Nira Street. The crashes included 66% that were property damage only and 34% included injuries. The majority of the crashes were angle and left-turn collisions.

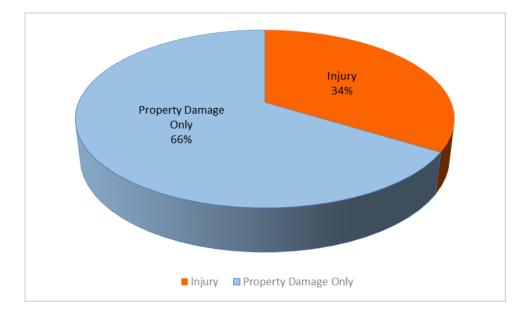
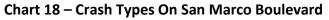
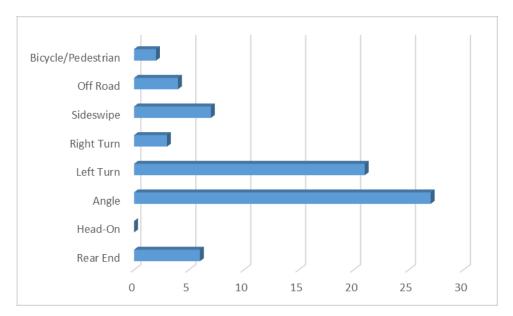


Chart 17 – Injury and Property Damage Only Crashes on San Marco Boulevard





#### All Corridors

There were 432 collisions within the hotspot areas. The most common crash types were rear end (32%), sideswipe (18%), and angle (20%). The most common contributing causes observed were careless driving (38%), failure to yield right-of-way (23%), and disregarding control devices (17%). Crashes that occurred in dry conditions made up 91% of crashes while 9% of crashes occurred during wet conditions. Daytime crashes comprised 72% of the crashes and 28% of crashes occurred at night. There were zero fatalities in the hotspot areas. Of the 432 crashes, 148 (34%) resulted in 206 injuries. Property damage only crashes made up 66% of the crashes. The total property damage for all of the crashes totaled \$2.47 million.

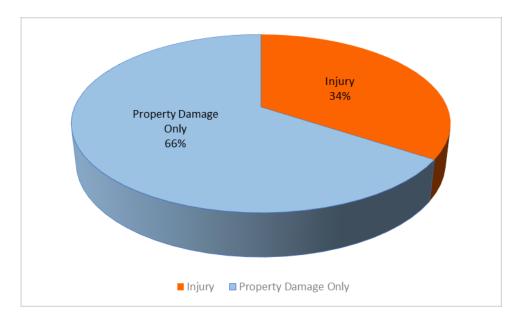
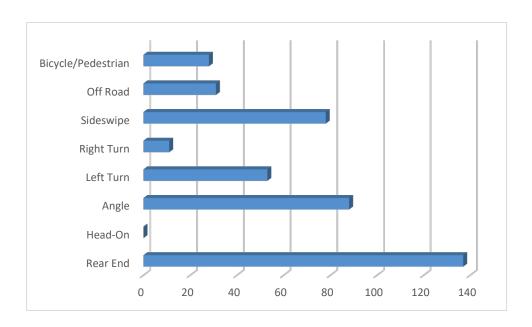


Chart 19 – Injury and Property Damage Only Crashes for All Corridors

Chart 20 – Crash Types for All Corridors



## **APPENDIX A**

**Collision Summaries** 

				State		Department of SION SUMM		tation				Form 750-020-06 ENGINEERING 10/15
					Ger	neral Informat	ion					
Roadway:	-		Park S				Study Pe	riod:	1/1/1	-		2/31/17
Sheet	-		P-*	1		<u>.</u>	Data by:				nd Yaffee, Inc	
Milepost:	-		Dun				Date:			7/	5/2019	<u>.</u>
County:			Duv		erity	Property			Day / Night	Wet /		
No.	Date	Day	Time	Fatal	Injury	Damage	Cras	h Type	bay, rugh	Dry	Contrib	uting Cause
1	2/10/2015	Tue	7:00 PM	0	0	\$250	Ped	estrian	Night	Dry	Failed to	Yield ROW
2	3/8/2015	Sun	12:18 AM	0	0	\$1,000	Rea	ar End	Night	Dry	Carele	ss Driving
3	6/6/2015	Sat	12:00 AM	0	0	\$2,000	Off	Road	Night	Dry	Carele	ss Driving
4	6/19/2015	Fri	2:15 PM	0	0	\$6,000	Rea	ar End	Day	Dry	Carele	ss Driving
5	7/21/2015	Tue	5:35 PM	0	0	\$1,200	Rea	ar End	Night	Wet	Carele	ss Driving
6	8/13/2015	Thu	9:45 AM	0	0	\$500	Side	eswipe	Day	Dry	Carele	ss Driving
7	9/21/2015	Mon	10:45 AM	0	1	\$0	Ped	estrian	Day	Dry	Failed to	Yield ROW
8	10/17/2015	Sat	2:58 PM	0	0	\$4,700	Rea	ar End	Day	Dry	Carele	ss Driving
9	11/5/2015	Thu	2:05 PM	0	2	\$9,000	Rea	ar End	Day	Dry	Carele	ss Driving
10	11/24/2015	Tue	12:57 PM	0	0	\$210	Side	eswipe	Day	Dry	Failed to	Yield ROW
11	3/2/2016	Wed	12:00 PM	0	1	\$15,200	Side	eswipe	Day	Dry	М	edical
12	4/2/2016	Sat	12:00 AM	0	1	\$0	Rea	ar End	Night	Dry	Carele	ss Driving
13	8/13/2016	Sat	6:40 PM	0	0	\$600	Side	eswipe	Day	Dry	Improper	Lane Change
14	8/17/2016	Wed	4:45 PM	0	1	\$800	Rea	ar End	Day	Dry	Carele	ss Driving
15	8/29/2016	Mon	8:54 AM	0	0	\$10,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
16	9/20/2016	Tue	7:30 AM	0	0	\$1,000	Side	eswipe	Day	Dry	Carele	ess Driving
17	9/29/2016	Thu	9:39 AM	0	1	\$600	Back	ed Into	Day	Dry	Failed to	Yield ROW
18	12/12/2016	Mon	4:55 PM	0	0	\$4,000	Back	ed Into	Day	Dry	Failed to	Yield ROW
19	1/14/2017	Sat	1:15 PM	0	0	\$1,000	Side	eswipe	Day	Dry	Improper	Lane Change
20	1/16/2017	Mon	1:51 AM	0	0	\$2,000	Side	eswipe	Night	Dry	Carele	ess Driving
21	1/26/2017	Thu	8:32 PM	0	2	\$10,500	Rea	ar End	Night	Dry	Carele	ss Driving
22	2/17/2017	Fri	10:59 PM	0	0	\$2,000	A	ngle	Night	Dry	Failed to	Yield ROW
23	4/18/2017	Tue	4:15 PM	0	0	\$600	Rea	ar End	Day	Dry	Carele	ess Driving
24	5/6/2017	Sat	7:20 PM	0	0	\$18,000	Side	eswipe	Day	Dry	Failed to	Yield ROW
TOTAL				0	9	\$ 91,160						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
24	0	7	17	9	0	1	1	0	8	1	2	2
PERCENT	0%	29%	71%	38%	0%	4%	4%	0%	33%	4%	8%	8%
Contrib. Cause	Day	Night	PAVEM WET	ENT CONDI DRY	TIONS Unknown	Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Failed to Yield ROW	Disregarded Control Devices	Other
TOTAL	16	8	1	23	0	0	0	13	2	8	0	1
PERCENT	67%	33%	4%	96%	0%	0%	0%	54%	8%	33%	0%	4%
Total Vehic	les Entering/A	DT:					Collision	Rate:				PER M.E.V.

				State		Department of SION SUMM		rtation				orm 750-020-06 ENGINEERING 10/15
					Ger	neral Informat	ion					
Roadway:	_		Park S			-	Study Pe	eriod:	1/1/1	5	To: 1	2/31/17
Sheet	_		P-'	1			Data by:				nd Yaffee, Inc	
Milepost:	-						Date:			7/	5/2019	
County:			Duv			-						
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	h Type	Day / Night	Wet / Dry	Contribu	uting Cause
25	5/25/2017	Thu	9:05 AM	0	0	\$10,500	Lef	t Turn	Day	Dry	Carele	ss Driving
26	6/9/2017	Fri	12:40 PM	0	0	\$2,000	Side	eswipe	Day	Dry	Improper	Lane Change
27	6/10/2017	Sat	11:43 PM	0	0	\$27,000	Side	eswipe	Night	Dry		DUI
28	6/15/2017	Thu	1:38 PM	0	0	\$600	Side	eswipe	Day	Dry	Improper	Lane Change
29	7/11/2017	Tue	1:35 PM	0	0	\$500	Side	eswipe	Day	Dry	Carele	ss Driving
30	7/17/2017	Mon	9:00 AM	0	0	\$2,000	Side	eswipe	Day	Dry	Carele	ss Driving
31	8/15/2017	Tue	5:00 PM	0	0	\$1,000	Back	ked Into	Day	Dry	Failed to	Yield ROW
32	8/27/2017	Sun	8:30 PM	0	1	\$0	Ped	estrian	Night	Wet	Failed to	Yield ROW
33	8/28/2017	Mon	6:44 PM	0	0	\$2,200	Back	ked Into	Day	Wet	Carele	ss Driving
34	9/30/2017	Sat	11:18 PM	0	1	\$5,000	Lef	t Turn	Night	Wet	Failed to	Yield ROW
35	11/10/2017	Fri	11:00 AM	0	0	\$1,000	Side	eswipe	Day	Dry	Carele	ss Driving
TOTAL				0	2	\$ 51,800						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
11	0	2	9	0	0	0	2	0	6	0	1	2
Contrib.	0% Day	18% Night	82% PAVEM	0% ENT CONDI	0% TIONS	0% Exceeded	18% DUI	0% Careless	55% Improper Lane	0% Failed to Yield	9% Disregarded Control	18% Other
Cause OTAL	8	3	WET 3	DRY 8	Unknown 0	Speed 0	1	Driving 5	Change 2	ROW 3	Devices 0	0
PERCENT	73%	27%	27%	73%	0%	0%	9%	45%	18%	27%	0%	0%
	es Entering/A		2170	.070	070	0,0	Collision		1070	/0	0,0	PER M.E.V

				State		Department of SION SUMM	•	rtation				Form 750-020-06 ENGINEERING 10/15
					Ger	eral Informat	ion					
Roadway:	_		Park S	treet			Study Pe	eriod:	1/1/1		-	2/31/17
Sheet	_		P-2	2			Data by:				nd Yaffee, Inc	
Milepost:	-						Date:			7/	5/2019	
County:			Duv			_						
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	sh Type	Day / Night	Wet / Dry	Contribu	uting Cause
1	7/14/2015	Tue	5:45 PM	0	0	\$500	Rea	ar End	Day	Wet	Carele	ess Driving
2	8/25/2015	Tue	6:43 PM	0	2	\$600	Rea	ar End	Day	Dry	Carele	ess Driving
3	9/16/2015	Wed	4:50 PM	0	0	\$1,000	Rea	ar End	Day	Wet	Carele	ess Driving
4	10/21/2015	Wed	5:52 PM	0	1	\$900	Rea	ar End	Day	Dry	Carele	ess Driving
5	1/14/2016	Thu	6:00 PM	0	1	\$1,500	Rea	ar End	Night	Dry	Carele	ss Driving
6	1/28/2016	Thu	7:50 AM	0	0	\$5,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
7	8/2/2016	Tue	12:00 PM	0	0	\$3,050	Rea	ar End	Day	Dry	Carele	ss Driving
8	9/28/2016	Wed	1:30 PM	0	0	\$1,000	Side	eswipe	Day	Dry	Improper	Lane Change
9	11/18/2016	Fri	3:35 PM	0	0	\$10,000	Rea	ar End	Day	Dry	Followed	Too Closely
10	1/18/2017	Wed	7:05 PM	0	0	\$500	Side	eswipe	Night	Dry	Carele	ss Driving
11	2/8/2017	Wed	3:40 PM	0	0	\$2,500	Side	eswipe	Day	Dry	Carele	ss Driving
12	8/5/2017	Sat	1:55 AM	0	1	\$3,000	Off	Road	Night	Dry		DUI
13	9/6/2017	Wed	6:15 AM	0	0	\$5,000	Side	eswipe	Night	Dry	Carele	ss Driving
14	11/16/2017	Thu	1:19 PM	0	1	\$2,500	Rea	ar End	Day	Dry	Carele	ss Driving
15	12/11/2017	Mon	8:15 AM	0	1	\$1,100	Rea	ar End	Day	Dry	Improper	Lane Change
TOTAL				0	7	\$ 38,150		1				
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
	0	6	9	9	0	0	1	0 0%	4	1 7%	0	0
Contrib. Cause	0% Day	40% Night	60% PAVEM WET	60% ENT CONDI DRY	0% TIONS Unknown	0% Exceeded Speed	7% DUI	0% Careless Driving	27% Improper Lane Change	7% Failed to Yield ROW		0% Other
OTAL	11	4	2	13	0	0	1	10	2	1	0	1
PERCENT	73%	27%	13%	87%	0%	0%	7%	67%	13%	7%	0%	7%
	les Entering/A		-				Collision					PER M.E.V

				State		Department of SION SUMM	-	rtation				orm 750-020-06 ENGINEERING 10/15
						eral Informat						
Roadway:	_		Park S				Study Pe	eriod:	1/1/1		-	2/31/17
Sheet	-		P-:	3			Data by:				nd Yaffee, Inc	
Milepost:	-						Date:			7/	5/2019	
County:			Duv		e ritu i	Property			Doy / Night	Wet /		
No.	Date	Day	Time	Fatal	erity Injury	Damage	Cras	h Type	Day / Night	Dry	Contribu	uting Cause
1	1/8/2015	Thu	2:40 AM	0	1	\$1,000	Ped	estrian	Night	Dry	Carele	ss Driving
2	3/24/2015	Tue	2:45 PM	0	0	\$4,500	А	ngle	Day	Dry	Disregarded	Control Devices
3	5/18/2015	Mon	7:45 AM	0	1	\$10	Rea	ar End	Day	Dry	Carele	ss Driving
4	10/22/2015	Thu	11:20 AM	0	2	\$12,000	Side	eswipe	Day	Dry	Improper	Lane Change
5	2/5/2016	Fri	10:00 AM	0	0	\$6,000	Rea	ar End	Day	Dry	Carele	ss Driving
6	2/11/2016	Thu	11:30 AM	0	1	\$8,000	A	ngle	Day	Dry	Failed to	Yield ROW
7	2/20/2016	Sat	1:43 PM	0	0	\$5,000	A	ngle	Day	Dry	Disregarded	Control Devices
8	3/14/2016	Mon	7:30 AM	0	2	\$5,500	Rea	ar End	Day	Dry	Carele	ss Driving
9	10/25/2016	Tue	2:55 PM	0	0	\$800	Bi	cycle	Day	Dry	Failed to	Yield ROW
10	3/25/2017	Sat	9:10 PM	0	2	\$12,000	А	ngle	Day	Dry	Disregarded	Control Devices
11	5/8/2017	Mon	2:30 PM	0	0	\$10,000	A	ngle	Day	Dry	Disregarded	Control Devices
12	8/21/2017	Mon	4:50 PM	0	0	\$2,000	Rea	ar End	Day	Dry	Carele	ss Driving
13	8/31/2017	Thu	8:37 AM	0	0	\$2,000	Side	eswipe	Day	Dry	Failed to	Yield ROW
14	11/30/2017	Thu	12:40 PM	0	1	\$600	Rea	ar End	Day	Dry	Carele	ss Driving
					40	¢ 00.440						
TOTAL				0	10	\$ 69,410						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
14	0	7	7	5	0	5	0	0	2	0	2	0
PERCENT	0%	50%	50%	36%	0%	36%	0%	0%	14%	0%	14%	0%
Contrib. Cause	Day	Night	PAVEM WET	ENT CONDI DRY	TIONS Unknown	Exceeded Speed	DUI	Careless Driving	Improper Lane	Failed to Yield	Disregarded Control	Other
TOTAL	13	1	0	14	0	0	0	6	Change 1	ROW 3	Devices 4	0
PERCENT	93%	7%	0%	100%	0%	0%	0%	43%	7%	21%	29%	0%
	les Entering/A		070		0,0	0,0	Collision		. , 5	/0	20,0	PER M.E.V.

					State		Department of SION SUMM		tation				orm 750-020-06 ENGINEERING 10/15
Note:         Peters and Yaffes, Inc         Peters and Yaffes, Inc         Peters and Yaffes, Inc         TRADIT           No.         Date         Day         Tra         Tow         Sumplementary         Date         Day         Marginary         Tow         Date         Day         Marginary         Date         Day         Marginary         Date         Day         Marginary         Date         Day         Day         Date         Date         Day         Day <thday< th="">         Day         <thday< th=""></thday<></thday<>													
Network         Table intro-           Table intro-         Table intro-         Table intro-         Table intro-         Table intro-           Table intro-         Table intro-         Table intro-         Tab	Roadway:	-					-	Study Pe	eriod:	1/1/1	-		2/31/17
Descript:         Descript:         Property from the paragrad form of t		-		P-4	4			Data by:					
No.         Date         Day         Time         Security Fatal         Property brand         Crash Type         Day / Might         Weit / Us         Contributing Cause           1         5/21/2015         Tm         6:10 PM         0         1         \$12,500 $Angle$ Day         Dry         Disrogarded Control Device           2         677/2015         Sun         4:00 PM         0         1         \$12,500 $Angle$ Day         Dry         Disrogarded Control Device           4         7302015         Tm         10:00 PM         0         1         \$12,500 $Angle$ Day         Dry         Disrogarded Control Device           4         7302015         Tm         10:40 PM         0         0         \$2,500 $Angle$ Day         Dry         Birgoarded Control Device           7         11/42016         Fri         1225 PM         0         0         \$4,000 $Angle$ Day         Dry         Disrogarded Control Device           1         1/42016         Fri         1225 PM         0         0         \$5,000 $Angle$ Day         Dry         Disrogarded Control Device           1         1/42017		-						Date:			7/	5/2019	
No.     Date     Day     Time     Fail     Injury     Damage     Crash Type     Day     Day </th <th>County:</th> <th>г – т</th> <th></th> <th>Duv</th> <th>-</th> <th>ority</th> <th>Property</th> <th></th> <th></th> <th>Day / Night</th> <th>Wot /</th> <th></th> <th></th>	County:	г – т		Duv	-	ority	Property			Day / Night	Wot /		
267/2015Sun4.00 PM00S10.000Right TurDayDryDisregarded Control Device36/24/2015Wed4.05 PM01S12.500AngleDayDryDisregarded Control Device47/30/2015Thu10.00 PM01S12.500 $Angle$ DayDryPirged and the RW58/20/2015Thu11.14 PM00\$2.800 $\sum e = 10^{-1} $	No.	Date	Day	Time				Cras	h Type	Day / Night		Contrib	uting Cause
3     6/24/2015     Wod     4.05 PM     0     1     \$12,500     ⊥ng     Day     Div     Divergardet Control Device       4     7/30/2015     Thu     10.00 PM     0     1     \$10,000     Left Tur     Night     Dry     Failed to Yield ROW       5     8/20/2015     Thu     1.14 PM     0     0     \$2,800     Sideswip     Day     Dry     Disregardet Control Device       6     131/2016     Sun     9.48 AM     0     1     \$2,500 $A \rightarrow \mu \models$ Day     Dry     Disregardet Control Device       7     11/4/2016     Fri     12.25 PM     0     0     \$4,000 $A \rightarrow \mu \models$ Day     Dry     Pailed to Yield ROW       8     12.202016     True     6.49 AM     0     1     \$400     Rate     Day     Dry     Disregarded Control Device       10     4/18/2017     True     5.49 AM     0     1     \$1,000     Rate     Day     Dry     Disregarded Control Device       11     5/4/2017     Sat     7.25 PM     0     0     \$5,000     Biopaint     Day     Dry     Disregarded Control Device       13     5/16/2017     True     5.50 AM     0     1     \$1,000     Arge     Day </td <td>1</td> <td>5/21/2015</td> <td>Thu</td> <td>6:10 PM</td> <td>0</td> <td>1</td> <td>\$12,500</td> <td>A</td> <td>ngle</td> <td>Day</td> <td>Dry</td> <td>Disregarded</td> <td>Control Devices</td>	1	5/21/2015	Thu	6:10 PM	0	1	\$12,500	A	ngle	Day	Dry	Disregarded	Control Devices
4     730/2015     Thu     10:00 PM     0     1     \$10:00     Left Tur     Night     Dry     Failed to Yeld ROW       5     8/20/2015     Thu     1:14 PM     0     0     \$2,000     \$Sideswpe     Day     Dry     Improper Law Change       6     1/31/2016     Sum     9:48 AM     0     1     \$2,000     \$Angle     Day     Dry     Palead to Yeld ROW       7     11/42016     Fri<	2	6/7/2015	Sun	4:00 PM	0	0	\$10,000	Rigl	nt Turn	Day	Dry	Disregarded	Control Devices
111 <th< td=""><td>3</td><td>6/24/2015</td><td>Wed</td><td>4:05 PM</td><td>0</td><td>1</td><td>\$12,500</td><td>A</td><td>ngle</td><td>Day</td><td>Dry</td><td>Disregarded</td><td>Control Devices</td></th<>	3	6/24/2015	Wed	4:05 PM	0	1	\$12,500	A	ngle	Day	Dry	Disregarded	Control Devices
6         1/31/2016         Sun         9:48 AM         0         1         S2,500 $\neg B^{-}$ Dr         Diregarde Control Device           7         11/4/2016         Fri         12:25 PM         0         0         S4,000 $\neg B^{-}$ Day         Dry         Failed to Yield ROW           8         12/20/2017         Tru         6:49 AM         0         1         S400 $\land B^{-}$ Day         Dry         Disregarde Control Device           9         1/5/2017         Tru         4:12 PM         0         2         S5,500 $\neg B^{-}$ Day         Dry         Disregarde Control Device           10         4/18/2017         Tue         5:39 PM         0         1         S20,000 $\neg B^{-}$ Day         Dry         Disregarde Control Device           11         5/3/2017         Red         7.45 AM         0         1         S8,000 $\neg B^{-}$ Day         Dry         Disregarde Control Device           13         5/16/2017         Tue         5:50 AM         0         1         S8,000 $\neg B^{-}$ Day         Dry         Disregarde Control Device           14         5/26/2017         <	4	7/30/2015	Thu	10:00 PM	0	1	\$10,000	Lef	t Turn	Night	Dry	Failed to	Yield ROW
711/4/2016Fri12:25 PM00\$4,000 $\overline{A}_{0}$ $\overline{A}_{0}$ $\overline{D}_{0}$ $\overline{P}_{a}$ <th< td=""><td>5</td><td>8/20/2015</td><td>Thu</td><td>1:14 PM</td><td>0</td><td>0</td><td>\$2,800</td><td>Side</td><td>eswipe</td><td>Day</td><td>Dry</td><td>Improper</td><td>Lane Change</td></th<>	5	8/20/2015	Thu	1:14 PM	0	0	\$2,800	Side	eswipe	Day	Dry	Improper	Lane Change
Notable<	6	1/31/2016	Sun	9:48 AM	0	1	\$2,500	A	ngle	Day	Dry	Disregarded	Control Devices
91/5/2017Thu4.12 PM02\$5,500 $\mathbb{R} \rightarrow \mathbb{I}$ Day<	7	11/4/2016	Fri	12:25 PM	0	0	\$4,000	A	ngle	Day	Dry	Failed to	Yield ROW
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	8	12/20/2016	Tue	6:49 AM	0	1	\$400	Rea	ar End	Day	Wet	Carele	ss Driving
115/3/2017Wed7.45 AM01\$20,000 $A \ Alge$ DayDryDisregarded Control Device125/6/2017Sat7.25 PM00\$500 $Bicycle<$ DayDryBicyclist Disregarded Control Device135/16/2017Tue5.50 AM01\$8,000 $A \ ngle$ DayDryBicyclist Disregarded Control Device145/26/2017Tue5.50 AM01\$1,000 $A \ ngle$ DayDryDisregarded Control Device145/26/2017Fri12.00 PM01\$1,000 $A \ ngle$ DayDryDisregarded Control Device167/15/2017Sat7.30 AM00\$5,000 $E \ E \ E \ E \ E \ E \ E \ E \ E \ E \$	9	1/5/2017	Thu	4:12 PM	0	2	\$5,500	A	ngle	Day	Dry	Disregarded	Control Devices
125/6/2017Sat7:25 PM000\$500BicycleDayDryBicyclist Disregarded Contr Devices135/16/2017Tue5:50 AM01\$8,000 $Angle$ NightDryDisregarded Control Device145/26/2017Tue5:50 AM01\$1,000 $Angle$ DayDryDisregarded Control Device157/15/2017Sat7:30 AM00\$5,000 $\exists signalDayDryDisregarded Control Device167/25/2017Tue4:25 PM01$5,000IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII$	10	4/18/2017	Tue	5:39 PM	0	0	\$1,000	Rea	ar End	Day	Dry	Carele	ss Driving
125b2017Case7.25 PM0008500BigBigDay <th< td=""><td>11</td><td>5/3/2017</td><td>Wed</td><td>7:45 AM</td><td>0</td><td>1</td><td>\$20,000</td><td>A</td><td>ngle</td><td>Day</td><td>Dry</td><td>Disregarded</td><td>Control Devices</td></th<>	11	5/3/2017	Wed	7:45 AM	0	1	\$20,000	A	ngle	Day	Dry	Disregarded	Control Devices
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	12	5/6/2017	Sat	7:25 PM	0	0	\$500	Bi	cycle	Day	Dry	-	-
157/15/2017Sat7:30 AM00\$\$S0SidesideDDDDImproper Lare Change167/25/2017Tue4:25 PM01\$5,000 $\mathbb{E}^{\pm}$ DayDryDryDisregarded Control Device177/27/2017Thu2:12 PM00\$2,000 $\mathbb{R} = \mathbb{T}$ DayDryDisregarded Control Device188/19/2017Sat9:25 PM00\$5,000 $\mathbb{Sidesine}$ NightDryImproper Lare Change198/24/2017Thu8:24 AM00\$10,000 $\mathbb{A} = \mathbb{T}$ DayDryDisregarded Control Device209/28/2017Thu12:30 PM01\$85 $\mathbb{B} = \mathbb{T}$ DayDryDisregarded Control Device2110/1/2017Sun3:00 PM01\$85 $\mathbb{B} = \mathbb{T}$ DayDryFailed $\mathbb{T}$ Held ROW2211/3/2017Fri8:40 AM00\$1,150 $\mathbb{R} = \mathbb{T}$ DayDryCareles Driving2311/20/2017Mon3:53 PM00\$6,000 $\mathbb{R} = \mathbb{T}$ DayDryImproper Lare Change2412/5/2017Tue6:08 PM00\$8,000 $\mathbb{R} = \mathbb{T}$ DayDryCareles Driving2412/5/2017Tue6:08 PM012\$136435 $\mathbb{T}$ Dry $\mathbb{R}$ DryEacelesite240111	13	5/16/2017	Tue	5:50 AM	0	1	\$8,000	A	ngle	Night	Dry		
167/25/2017Tue4:25 PM01\$5,000 $L \to T$ DayDryDisregarde Control Device Disregarded Control Device Output Device177/27/2017Thu2:12 PM00\$2,000 $R \to T$ DayDryCareless Triving188/19/2017Sat9:25 PM00\$5,000 $Si \to wipe$ NightDryImproper Lane Change198/24/2017Thu8:24 AM00\$10,000 $A \to I =$ DayDryDisregarded Control Device209/28/2017Thu12:30 PM01\$85 $B \to I =$ DayDryFailed $V : I = R + I = $	14	5/26/2017	Fri	12:00 PM	0	1	\$1,000	A	ngle	Day	Dry	Disregarded	Control Devices
17         7/27/2017         Thu         2:12 PM         0         0         \$2,000 $\mathbb{R} = \mathbb{I} + \mathbb{I}$ Day         Dry         Careless Driving           18         8/19/2017         Sat         9:25 PM         0         0         \$5,000 $\mathbb{S}^{1} \oplus \mathbb{I}^{1}$ Day         Dry         Improper Lane Change           19         8/24/2017         Thu         8:24 AM         0         0         \$10,000 $\mathbb{A} = \mathbb{I}^{1}$ Day         Dry         Disregarded Control Device           20         9/28/2017         Thu         8:24 AM         0         0         \$\$10,000 $\mathbb{A} = \mathbb{I}^{1}$ Day         Dry         Disregarded Control Device           20         9/28/2017         Thu         12:30 PM         0         1         \$\$85 $\mathbb{I} = \mathbb{I}^{1}$ Day         Dry         Failed to Yield ROW           21         10/1/2017         Sun         3:00 PM         0         \$\$1,150 $\mathbb{R} = \mathbb{I}^{1}$ Day         Dry         Careless Driving           23         11/20/2017         Mon         3:53 PM         0         0         \$\$8,000 $\mathbb{R} = \mathbb{I}^{1}$ Day         Dry         Improper Lare Change           24<	15	7/15/2017	Sat	7:30 AM	0	0	\$5,000	Side	eswipe	Day	Dry	Improper	Lane Change
18         8/19/2017         Sat         9:25 PM         0         0         \$5,000         Sidessipe         Night         Dry         Improper Lane Change           19         8/24/2017         Thu         8:24 AM         0         0         \$10,000 $Angle$ Day         Dry         Disregarded Control Device           20         9/28/2017         Thu         12:30 PM         0         1         \$85 $Bicyte^{-t}$ Day         Dry         Disregarded Control Device           21         10/1/2017         Sun         3:00 PM         0         1         \$85 $Bicyte^{-t}$ Day         Wet         Failed to Yield ROW           22         11/3/2017         Sun         3:00 PM         0         0         \$\$1,150 $Rexternt$ Day         Dry         Careless Driving           23         11/20/2017         Mon         3:53 PM         0         0         \$\$6,000 $Rexternt$ Day         Dry         Careless Driving           24         12/5/2017         Tue         6:08 PM         0         0         \$\$8,000         Sidessipe         Night         Dry         Improper Lane Change           Total No.         Fatal	16	7/25/2017	Tue	4:25 PM	0	1	\$5,000	Lef	t Turn	Day	Dry	Disregarded	Control Devices
198/24/2017Thu8:24 AM00\$10,000 $A r  m gle$ DayDryDisregarded Control Device209/28/2017Thu12:30 PM01\$85 $Bicycle$ DayDryFailed to Yield ROW2110/1/2017Sun3:00 PM00\$3,500 $A r  m gle$ DayWetFailed to Yield ROW2211/3/2017Fri8:40 AM00\$1,150 $R  m ear$ EndDayDryCareless Driving2311/20/2017Mon3:53 PM00\$6,000 $R  m ear$ EndDayDryCareless Driving2412/5/2017Tue6:08 PM00\$8,000SideswipeNightDryImproper Lane ChangeTOTAL01113501021402024011135010214020240111350102140202401113501021402024011135010214020240111350102140202401113501021402 <t< td=""><td>17</td><td>7/27/2017</td><td>Thu</td><td>2:12 PM</td><td>0</td><td>0</td><td>\$2,000</td><td>Rea</td><td>ar End</td><td>Day</td><td>Dry</td><td>Carele</td><td>ss Driving</td></t<>	17	7/27/2017	Thu	2:12 PM	0	0	\$2,000	Rea	ar End	Day	Dry	Carele	ss Driving
$ \begin{array}{ c c c c c c } \hline \begin{tabular}{ c c c c } \hline \begin{tabular}{ c c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	18	8/19/2017	Sat	9:25 PM	0	0	\$5,000	Side	eswipe	Night	Dry	Improper	Lane Change
2110/1/2017Sun3:00 PM00\$3,500 $A \rightarrow B$ DayWetFailed $V$ ield ROW2211/3/2017Fri8:40 AM00\$1,150 $R \leftarrow End$ DayDryCareless Driving2311/20/2017Mon3:53 PM00\$6,000 $R \leftarrow End$ DayDryCareless Driving2412/5/2017Tue6:08 PM00\$8,000 $Si \leftarrow Wipe$ NightDryImproper Lare ChangeTOTALPartInjuryPDORear EndAngleLeft TurnRight TurnSideswipeOff RaadBicycle / PedestrianOther2401113501021402024011135010214020240111350102140202401113501021402024046%54%21%0%42%8%4%17%0%8%0%PERCENTDayMightExceeded SpeedDulCareless DrivingImproper 	19	8/24/2017	Thu	8:24 AM	0	0	\$10,000	A	ngle	Day	Dry	Disregarded	Control Devices
2211/3/2017Fri8:40 AM00\$1,150Re- IndDayDryCare-s Driving2311/20/2017Mon3:53 PM00\$6,000Re- IndDayDryCare-s Driving2412/5/2017Tue6:08 PM00\$8,000Sid-swipeNightDryImproper Lane ChangeTOTALImproper LaneImproper Lane012\$ 136,435Improper LaneImproper LaneBicycle / PedestrianTotal No.FatalInjuryPDORear EndHead-onAngleLeft TurnRight TurnSideswipeOff RoadBicycle / PedestrianOther24011135010214020PERCENT0%46%54%21%0%42%8%4%17%0%8%0%Contrib. CauseDayMightPAVEMENT CONSTRANCEExceeded SpeedDUICareless DUICareless PrivingFailed to Controp Lane ChangeDisregarded Controp DevicesOtherTOTAL204222000544101	20	9/28/2017	Thu	12:30 PM	0	1	\$85	Bi	cycle	Day	Dry	Failed to	Yield ROW
2311/20/2017Mon3:53 PM00\$6,000Rear EndDayDayDryCareless Driving2412/5/2017Tue6:08 PM00\$8,000Sid=swipeNightDryImproper Lane ChangeTOTAL $\mathbf{C}$ $\mathbf{C}$ $\mathbf{O}$ $\mathbf{D}$ $\mathbf{S}$ $\mathbf{C}$	21	10/1/2017	Sun	3:00 PM	0	0	\$3,500	A	ngle	Day	Wet	Failed to	Yield ROW
2412/5/2017Tue6:08 PM00 $\mathbb{C}$ \$8,000SideswipeNightDryImproper Lane ChangeTOTAL $\mathbb{C}$ $\mathbb{C}$ $\mathbb{C}$ $\mathbb{C}$ $\mathbb{C}$ $\mathbb{C}$ $\mathbb{C}$ $\mathbb{C}$ $\mathbb{C}$ Total No.FatalInjuryPDORear EndHead-onAngle $\mathbb{Left}$ TurnRight TurnSideswipe $\mathbb{O}$ ff Road $\frac{Bicycle / Pedestrian}{Pedestrian}$ $\mathbb{O}$ ther24011135010214020PERCENT0%46%54%21%0%42%8%4%17%0%8%0% $\mathbb{C}$ contrib. CauseDayNightPAVEMENT CONDITIONSExceeded SpeedDUI $\mathbb{C}$ careless Driving $\mathbb{Improper Lane Change\mathbb{F}ailed toYieldROWDisregardedControlDevices\mathbb{O} therTOTAL204222000544101$	22	11/3/2017	Fri	8:40 AM	0	0	\$1,150	Rea	ar End	Day	Dry	Carele	ss Driving
TOTALImage: constraint of the second se	23	11/20/2017	Mon	3:53 PM	0	0	\$6,000	Rea	ar End	Day	Dry	Carele	ss Driving
Total No.FatalInjuryPDORear EndHead-onAngleLeft TurnRight TurnSideswipeOff RoadBicycle / PedestrianOther24011135010214020PERCENT0%46%54%21%0%42%8%4%17%0%8%0%Contrib. CauseDayNightPAVEMENT CONDITIONSExceeded SpeedDUICareless DIVIImproper Lane ChangeFailed to Yield ROWDisregarded Control DevicesOtherTOTAL204222000544101	24	12/5/2017	Tue	6:08 PM	0	0	\$8,000	Side	eswipe	Night	Dry	Improper	Lane Change
Total No.PatalInjuryPDORear EndHead-onAngleTurnTurnSideswipeRoadPedestrianOther24011135010214020PERCENT0%46%54%21%0%42%8%4%17%0%8%0%Contrib. CauseDayNightPAVEMENT CONDITIONSExceeded SpeedDUICareless DrivingImproper Lane DrivingFailed to Yield ROWDisregarded Control DevicesOtherTOTAL204222000544101	TOTAL				0	12	\$ 136,435						
PERCENT         0%         46%         54%         21%         0%         42%         8%         4%         17%         0%         8%         0%           Contrib. Cause         Day         Night         PAVEMENT CONDITIONS         Exceeded Speed         DUI         Careless Driving         Improper Lane Change         Failed to Yield ROW         Disregarded Control Devices         Other           TOTAL         20         4         2         22         0         0         0         5         4         4         10         1	Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle			Sideswipe			Other
Contrib. CauseDayNightPAVEMENT CONDITIONSExceeded SpeedDUICareless DrivingImproper Lane ChangeFailed to VieldDisregarded Control DevicesOtherTOTAL204222000544101											-		-
Contrib. CauseDayNightPAVEMENT CONDITIONSExceeded SpeedDUICareless DrivingLane 	PERCENT	0%	46%				42%	8%	4%				0%
		Day	Night					DUI		Lane	Yield	Control	Other
PERCENT 83% 17% 8% 92% 0% 0% 0% 17% 17% 17% 42% 4%								-					
	PERCENT	83%	17%	8%	92%	0%	0%	0%	21%	17%	17%	42%	4% PER M.E.V.

				State		Department of SION SUMM		rtation				Form 750-020-06 ENGINEERING 10/15
					Ger	neral Information						
Roadway:			Park S			-	Study Pe	eriod:	1/1/1			2/31/17
Sheet			P-	4		_	Data by:				nd Yaffee, Inc	
Milepost:						_	Date:			7/	5/2019	
County:			Duv								•	
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	sh Type	Day / Night	Wet / Dry	Contrib	uting Cause
25	12/6/2017	Wed	12:15 PM	0	1	\$7,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
26	12/15/2017	Fri	12:50 PM	0	1	\$4,000	Lef	t Turn	Day	Dry	Disregarded	Control Devices
TOTAL				0	2	\$ 11,000						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
2	0	2	0	0	0	0	2	0	0	0	0	0
PERCENT	0%	100%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%
Contrib. Cause	Day	Night	PAVEN WET	ENT CONDI DRY	TIONS Unknown	Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Failed to Yield ROW	Disregarded Control Devices	Other
TOTAL	2	0	0	2	0	0	0	0	0	1	1	0
PERCENT	100%	0%	0%	100%	0%	0%	0%	0%	0%	50%	50%	0%
	les Entering//						Collision					PER M.E.V.

				State		Department of SION SUMM		rtation				orm 750-020-06 ENGINEERING 10/15
						eral Informat						
Roadway:	-		Riverside	Avenue			Study Pe	eriod:	1/1/1		-	2/31/17
Sheet	-		R-1	1			Data by:			Peters a	nd Yaffee, Inc	
Milepost:	-						Date:			7/	5/2019	
County:			Duv		•	Davasatu			David Nilashat	Wet /		
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	h Type	Day / Night	Dry	Contribu	uting Cause
1	1/29/2015	Thu	8:21 AM	0	0	\$4,000	Side	eswipe	Day	Dry	Improper	Lane Change
2	8/24/2015	Mon	7:45 AM	0	0	\$1,000	Side	eswipe	Day	Dry	Improper	Lane Change
3	11/10/2015	Tue	7:35 AM	0	2	\$6,000	Rigl	nt Turn	Day	Wet	Failed to	Yield ROW
4	1/18/2017	Wed	12:35 PM	0	0	\$1,000	Rea	ar End	Day	Dry	Carele	ss Driving
5	2/8/2017	Wed	7:40 AM	0	0	\$5,000	Rea	ar End	Day	Dry	Carele	ss Driving
6	4/8/2017	Sat	3:40 PM	0	0	\$1,000	Side	eswipe	Day	Dry	Improper	Lane Change
7	4/19/2017	Wed	7:40 AM	0	0	\$4,000	Rea	ar End	Day	Dry	Carele	ss Driving
8	12/11/2017	Mon	12:00 AM	0	0	\$10,000	Rea	ar End	Night	Dry	Carele	ss Driving
TOTAL				0	2	\$ 32,000						
Total No.	Fatal	Injury	PDO	Rear End		Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
8	0	1	7	4	0	0	0	1	3	0	0	0
PERCENT	0%	13%	88%	50%	0%	0%	0%	13%	38%	0%	0%	0%
Contrib. Cause	Day	Night		ENT CONDI		Exceeded Speed	DUI	Careless Driving	Improper Lane	Failed to Yield	Disregarded Control	Other
TOTAL	7	1	WET	DRY 7	Unknown 0	0	0	4	Change 3	ROW 1	Devices 0	0
PERCENT	88%	13%	13%	88%	0%	0%	0%	4 50%	38%	13%	0%	0%
	les Entering/A		1070	5070	070	0,0	Collision		3070	.070	0,0	PER M.E.V.

				State		Department of SION SUMM		tation				orm 750-020-06 ENGINEERING 10/15
						neral Informat						
Roadway:			Riverside	Avenue		_	Study Pe	eriod:	1/1/1	5	To: 1	2/31/17
Sheet			R-:	2			Data by:			Peters ar	nd Yaffee, Inc	
Milepost:	-						Date:			7/	5/2019	
County:			Duv									
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	h Type	Day / Night	Wet / Dry	Contribu	uting Cause
1	1/18/2015	Sun	7:58 AM	0	0	\$2,100	Off	Road	Day	Dry	Carele	ss Driving
2	2/22/2015	Sun	4:20 PM	0	0	\$400	Rea	ar End	Day	Dry	Carele	ss Driving
3	4/8/2015	Wed	5:45 AM	0	0	\$1,501	Rea	ar End	Day	Dry	Carele	ss Driving
4	4/10/2015	Fri	12:00 AM	0	1	\$13,400	Off	Road	Night	Dry	Carele	ss Driving
5	4/23/2015	Thu	5:20 PM	0	0	\$800	Rea	ar End	Day	Dry	Carele	ss Driving
6	4/29/2015	Wed	4:24 PM	0	0	\$3,500	A	ngle	Day	Dry	Disregarded	Control Devices
7	5/26/2015	Tue	8:11 AM	0	0	\$1,700	Side	eswipe	Day	Dry	Wic	le Turn
8	10/12/2015	Mon	11:30 AM	0	2	\$0	Rea	ar End	Day	Unknown	Carele	ss Driving
9	12/22/2015	Tue	4:00 PM	0	1	\$2,000	Rea	ar End	Day	Wet	Carele	ss Driving
10	2/8/2016	Mon	5:00 PM	0	0	\$1,500	A	ngle	Day	Dry	Disregarded	Control Devices
11	10/19/2016	Wed	9:27 AM	0	0	\$1,800	Side	eswipe	Day	Dry	Improper	Lane Change
12	11/15/2016	Tue	8:00 AM	0	0	\$650	Rea	ar End	Day	Dry	Carele	ss Driving
13	1/3/2017	Tue	6:15 PM	0	1	\$0	Ped	estrian	Night	Dry	Failed to	Yield ROW
14	2/19/2017	Sun	1:15 AM	0	0	\$10,500	Off	Road	Night	Dry	Carele	ss Driving
15	3/25/2017	Sat	9:37 PM	0	0	\$500	Rea	ar End	Night	Dry	Carele	ss Driving
16	4/11/2017	Tue	9:09 PM	0	1	\$15,000	A	ngle	Night	Dry	Disregarded	Control Devices
17	6/28/2017	Wed	12:25 PM	0	0	\$7,000	A	ngle	Day	Dry	Disregarded	Control Devices
18	8/4/2017	Fri	7:30 PM	0	1	\$6,000	Lef	t Turn	Night	Dry	Failed to	Yield ROW
19	10/12/2017	Thu	1:30 PM	0	1	\$2,000	Rea	ar End	Day	Dry	Carele	ss Driving
20	12/17/2017	Sun	5:50 PM	0	0	\$250	Rea	ar End	Day	Dry	Carele	ss Driving
TOTAL				0	8	\$ 70,601						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
20	0	7	13	9	0	4	1	0	2	3	1	0
PERCENT	0%	35%	65%	45%	0%	20%	5%	0%	10% Improper	15% Failed to	5% Disregarded	0%
Contrib. Cause	Day	Night	PAVEM WET	ENT CONDI DRY	TIONS Unknown	Exceeded Speed	DUI	Careless Driving	Lane Change	Yield ROW	Control Devices	Other
TOTAL	14	6	1	18	1	0	0	12	1	2	4	1
PERCENT	70%	30%	5%	90%	5%	0%	0%	60%	5%	10%	20%	5%
Total Vehic	les Entering/A	DT:					Collision	Rate:				PER M.E.V.

				State		Department of SION SUMM	•	rtation				Form 750-020-06 ENGINEERING 10/15
					Gen	eral Informat	ion					
Roadway:	_		Riverside				Study Pe	eriod:	1/1/1		-	2/31/17
Sheet	-		R-:	3			Data by:				nd Yaffee, Inc	
Milepost:	-						Date:			7/	5/2019	
County:			Duv		erity	Property			Day / Night	Wet /		
No.	Date	Day	Time	Fatal	Injury	Damage	Cras	sh Type	Day / Night	Dry	Contrib	uting Cause
1	5/4/2015	Mon	8:50 AM	0	0	\$2,000	Rea	ar End	Day	Dry	Carele	ess Driving
2	6/19/2015	Fri	5:15 PM	0	0	\$1,000	Rea	ar End	Day	Wet	Over (	Correcting
3	7/19/2015	Sun	6:10 PM	0	0	\$1,000	Rea	ar End	Night	Wet	Carele	ess Driving
4	8/12/2015	Wed	7:30 AM	0	0	\$5,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
5	10/15/2015	Thu	4:25 PM	0	1	\$2,000	Rea	ar End	Day	Dry	Carele	ess Driving
6	2/25/2016	Thu	8:00 AM	0	2	\$25,000	A	ngle	Day	Dry	Failed to	Yield ROW
7	6/23/2016	Thu	5:25 PM	0	0	\$5,000	Rea	ar End	Day	Dry	Followed	I Too Closely
8	8/15/2016	Mon	7:22 AM	0	1	\$7,000	A	ngle	Day	Dry	Disregarded	Control Devices
9	10/17/2016	Mon	5:30 PM	0	0	\$4,000	A	ngle	Day	Dry	Disregarded	Control Devices
10	12/10/2016	Sat	7:20 PM	0	1	\$5,000	Ped	estrian	Night	Dry		n Failed to Use osswalk
11	1/12/2017	Thu	5:10 PM	0	0	\$1,000	Side	eswipe	Day	Dry		Lane Change
12	11/17/2017	Fri	7:43 AM	0	0	\$2,000	Side	eswipe	Night	Dry	Improper	Lane Change
13	11/30/2017	Thu	4:45 PM	0	0	\$5,000	Side	eswipe	Night	Dry	Improper	Lane Change
TOTAL				0	5	\$ 65,000						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
13	0	4	9	5	0	3	1	0	3	0	1	0
PERCENT Contrib.	0%	31%	69% PAVEM	38% ENT CONDI	0% TIONS	23% Exceeded	8%	0% Careless	23% Improper	0% Failed to	8% Disregarded	0%
Cause	Day	Night	WET	DRY	Unknown	Speed	DUI	Driving	Lane Change	Yield ROW	Control Devices	Other
TOTAL	9	4	2	11	0	0	0	3	3	2	2	3
PERCENT	69% les Entering/A	31%	15%	85%	0%	0%	0% Collision	23%	23%	15%	15%	23% PER M.E.V.

	Date		Riverside R-4	Avenue		SION SUMM	ARY					
Sheet Milepost: County: No. 1				Δνεριμο		eral Informat	ion					
Milepost: County: No. 1			R-4	/ Wonde			Study Pe	riod:	1/1/1	5	To: 1	2/31/17
No.				4			Data by:			Peters ar	nd Yaffee, Inc	
No.							Date:			7/	5/2019	
1			Duv	al Sev	ority	Property			Day / Night	Wet /		
	4/00/0045	Day	Time	Fatal	Injury	Damage	Cras	h Type	Day / Night	Dry	Contribu	uting Cause
	1/20/2015	Tue	3:45 PM	0	0	\$11,000	Rea	ar End	Day	Dry	Carele	ss Driving
2	2/4/2015	Wed	4:45 PM	0	3	\$9,000	Rea	ar End	Day	Wet	Pavemer	nt Conditions
3	2/20/2015	Fri	5:20 PM	0	0	\$15,000	Rea	ar End	Night	Dry	Carele	ss Driving
4	3/16/2015	Mon	8:10 AM	0	0	\$1,600	Rea	ar End	Day	Dry	Carele	ss Driving
5	6/18/2015	Thu	5:00 PM	0	1	\$10,000	Rea	ar End	Day	Dry	Carele	ss Driving
6	9/10/2015	Thu	5:50 PM	0	0	\$18,000	Rea	ar End	Day	Dry	Carele	ss Driving
7	10/7/2015	Wed	5:20 PM	0	2	\$7,000	А	ngle	Day	Dry	Disregarded	Control Devices
8	11/2/2015	Mon	4:00 PM	0	2	\$8,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
9 ^	11/13/2015	Fri	12:45 AM	0	0	\$2,500	Rea	ar End	Day	Dry	Carele	ss Driving
10	12/9/2015	Wed	8:20 AM	0	0	\$5,000	Rea	ar End	Day	Dry	Carele	ss Driving
11	1/12/2016	Tue	1:15 PM	0	0	\$7,000	Rea	ar End	Day	Dry	Carele	ss Driving
12	1/13/2016	Wed	8:35 AM	0	0	\$1,750	Rea	ar End	Day	Dry	Carele	ss Driving
13	3/5/2016	Sat	5:24 PM	0	3	\$4,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
14	3/17/2016	Thu	5:35 PM	0	0	\$1,000	Rea	ar End	Day	Wet	Carele	ss Driving
15	3/23/2016	Wed	4:55 PM	0	0	\$15,000	Rea	ar End	Day	Dry	Carele	ss Driving
16	4/12/2016	Tue	6:55 AM	0	0	\$1,000	Side	eswipe	Day	Dry	Improper	Lane Change
17	5/15/2016	Sun	12:45 AM	0	0	\$0	Off	Road	Night	Dry	Exceed	led Speed
18	8/10/2016	Wed	8:24 AM	0	0	\$9,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
19	8/29/2016	Mon	4:40 PM	0	0	\$2,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
20 -	10/25/2016	Tue	4:50 PM	0	1	\$2,000	Rea	ar End	Day	Dry	Carele	ss Driving
21 <sup>7</sup>	11/22/2016	Tue	9:55 AM	0	0	\$2,750	A	ngle	Day	Dry	Disregarded	Control Devices
22	2/1/2017	Wed	2:27 PM	0	0	\$5,500	Rea	ar End	Day	Dry	Carele	ss Driving
23	3/17/2017	Fri	5:20 PM	0	0	\$800	Rea	ar End	Day	Dry	Carele	ss Driving
24	3/18/2017	Sat	2:00 PM	0	0	\$500	Lef	t Turn	Day	Dry	Failed to	Yield ROW
TOTAL				0	12	\$ 139,400						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
24	0	6	18	15	0	2	5	0	1	1	0	0
PERCENT	0%	25%	75%	63%	0%	8%	21%	0%	4%	4% Eailed to	0% Disrogarded	0%
Contrib. Cause	Day	Night	PAVEM WET	ENT CONDI DRY	TIONS Unknown	Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Failed to Yield ROW	Disregarded Control Devices	Other
TOTAL	22	2	2	22	0	1	0	14	1	5	2	1
PERCENT Total Vehicles	92%	8%	8%	92%	0%	4%	0% Collision	58%	4%	21%	8%	4% PER M.E.V.

Roadway:       Sheet         Milepost:       County:         No.       Date         25       4/7/2017         26       4/11/2017         27       5/29/2017         28       7/7/2017         29       9/14/2017         30       10/12/2017         31       10/19/2017         32       10/20/2017         33       11/17/2017         34       11/17/2017         35       12/19/2017         36       12/19/2017         37       10/10/2017         36       12/19/2017         37       11/17/2017         38       11/17/2017         39       12/19/2017         31       10/12/2017         35       12/19/2017         35       12/19/2017         36       12/19/2017         37       12/19/2017         38       11/17         39       10/12/2017         30       10/12/2017         31       10/12/2017         32       10/12/2017         33       11/17/2017         34       11/17/2017         35	Day Fri Tue Mon Fri Thu Thu Thu Fri Wed Fri Tue	Riverside R-4 Duv Time 6:20 PM 8:05 AM 9:09 AM 4:40 PM 10:45 AM 10:45 AM 8:30 AM 4:45 PM 11:15 AM 6:05 PM 7:50 AM 7:35 AM	4 val	Ger           verity           Injury           0           1           0           1           0           0           1           0           0           1           0           0           1           0           1           0           1           0           1           0           1           0           1	Property Damage \$4,000 \$3,000 \$4,000 \$4,000 \$600 \$2,500 \$8,000 \$1,400 \$40,000 \$3,000 \$250	Study Pe Data by: Date: Cras Rea Rea A Side Righ Lef Rea Side O Rea	riod: h Type ar End ar End ngle eswipe ht Turn t Turn ar End eswipe ther ar End estrian	1/1/1 Day / Night Day Day Day Day Day Day Day Day Day Day	Peters a	nd Yaffee, Inc 5/2019 Contribu Carele Disregarded Improper Failed to Carele Improper Improper	2/31/17 uting Cause ss Driving ss Driving Control Devices Lane Change vield ROW vield ROW ss Driving Lane Change Lane Change Lane Change Lane Change
Sheet         Milepost:           County:         Date           25         4/7/2017           26         4/11/2017           27         5/29/2017           28         7/7/2017           29         9/14/2017           30         10/12/2017           31         10/19/2017           32         10/20/2017           33         11/1/2017           34         11/17/2017	Fri Tue Mon Fri Thu Thu Thu Fri Wed Fri	R-4 Duv Time 6:20 PM 8:05 AM 9:09 AM 4:40 PM 10:45 AM 10:45 AM 8:30 AM 4:45 PM 11:15 AM 6:05 PM 7:50 AM	4 ral Sev Fatal 0 0 0 0 0 0 0 0 0 0 0 0 0	Injury           0           0           1           0           0           1           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0	Damage \$4,000 \$3,000 \$7,000 \$4,000 \$600 \$2,500 \$8,000 \$1,400 \$40,000 \$3,000	Data by: Date: Cras Rea Rea Side Righ Lef Rea Side O Rea	h Type ar End ar End ngle eswipe at Turn t Turn ar End eswipe ther ar End	Day / Night Day Day Day Day Day Day Day Day Day Day	Peters an 7/ Dry Dry Dry Dry Dry Dry Dry Dry Dry Dry	nd Yaffee, Inc 5/2019 Contribu Carele Disregarded Improper Failed to Carele Improper Improper	uting Cause ss Driving ss Driving Control Devices Lane Change Yield ROW Yield ROW Ss Driving Lane Change Lane Change Lane Change
Milepost:           County:           No.         Date           25         4/7/2017           26         4/11/2017           27         5/29/2017           28         7/7/2017           29         9/14/2017           30         10/12/2017           31         10/19/2017           32         10/20/2017           33         11/1/2017           34         11/17/2017	Fri Tue Mon Fri Thu Thu Thu Fri Wed Fri	Duv Time 6:20 PM 8:05 AM 9:09 AM 4:40 PM 10:45 AM 10:45 AM 8:30 AM 4:45 PM 11:15 AM 6:05 PM 7:50 AM	ral Sev Fatal 0 0 0 0 0 0 0 0 0 0 0 0 0	Injury           0           0           1           0           0           1           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0	Damage \$4,000 \$3,000 \$7,000 \$4,000 \$600 \$2,500 \$8,000 \$1,400 \$40,000 \$3,000	Date: Cras Rea Rea Side Righ Lef Rea Side O Rea	ar End ar End ngle eswipe th Turn t Turn ar End eswipe ther ar End	Day Day Day Day Day Day Day Day Day Day	7/ Wet / Dry Dry Dry Dry Dry Dry Dry Dry Dry Dry	5/2019 Contribu Carele Disregarded Improper Failed to Carele Improper Improper	ss Driving ss Driving Control Devices Lane Change Yield ROW Yield ROW ss Driving Lane Change Lane Change Lane Change
No.         Date           25         4/7/2017           26         4/11/2017           27         5/29/2017           28         7/7/2017           29         9/14/2017           30         10/12/2017           31         10/19/2017           32         10/20/2017           33         11/1/2017           34         11/17/2017	Fri Tue Mon Fri Thu Thu Thu Fri Wed Fri	Time           6:20 PM           8:05 AM           9:09 AM           4:40 PM           10:45 AM           8:30 AM           4:45 PM           11:15 AM           6:05 PM           7:50 AM	Sev Fatal 0 0 0 0 0 0 0 0 0 0 0	Injury           0           0           1           0           0           1           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0	Damage \$4,000 \$3,000 \$7,000 \$4,000 \$600 \$2,500 \$8,000 \$1,400 \$40,000 \$3,000	Cras Rea Rea Side Righ Lef Rea Side O Rea	ar End ar End ngle eswipe th Turn t Turn ar End eswipe ther ar End	Day Day Day Day Day Day Day Day Day Day	Wet / Dry Dry Dry Dry Dry Dry Dry Dry Dry Dry	Contribu Carele Disregarded Improper Failed to Failed to Carele Improper Improper	ss Driving ss Driving Control Devices Lane Change Yield ROW Yield ROW ss Driving Lane Change Lane Change Lane Change
No.         Date           25         4/7/2017           26         4/11/2017           27         5/29/2017           28         7/7/2017           29         9/14/2017           30         10/12/2017           31         10/19/2017           32         10/20/2017           33         11/1/2017           34         11/17/2017	Fri Tue Mon Fri Thu Thu Thu Fri Wed Fri	Time           6:20 PM           8:05 AM           9:09 AM           4:40 PM           10:45 AM           8:30 AM           4:45 PM           11:15 AM           6:05 PM           7:50 AM	Sev Fatal 0 0 0 0 0 0 0 0 0 0 0	Injury           0           0           1           0           0           1           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0	Damage \$4,000 \$3,000 \$7,000 \$4,000 \$600 \$2,500 \$8,000 \$1,400 \$40,000 \$3,000	Rea Rea A Side Righ Lef Rea Side O Rea	ar End ar End ngle eswipe th Turn t Turn ar End eswipe ther ar End	Day Day Day Day Day Day Day Day Day Day	Dry Dry Dry Dry Dry Dry Dry Dry Dry Dry	Carele Carele Disregarded Improper Failed to Failed to Carele Improper Improper	ss Driving ss Driving Control Devices Lane Change Yield ROW Yield ROW ss Driving Lane Change Lane Change Lane Change
25         4/7/2017           26         4/11/2017           27         5/29/2017           28         7/7/2017           29         9/14/2017           30         10/12/2017           31         10/19/2017           32         10/20/2017           33         11/1/2017           34         11/17/2017	Fri Tue Mon Fri Thu Thu Thu Fri Wed Fri	6:20 PM 8:05 AM 9:09 AM 4:40 PM 10:45 AM 8:30 AM 4:45 PM 11:15 AM 6:05 PM 7:50 AM	Fatal         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0	Injury           0           0           1           0           0           1           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0	Damage \$4,000 \$3,000 \$7,000 \$4,000 \$600 \$2,500 \$8,000 \$1,400 \$40,000 \$3,000	Rea Rea A Side Righ Lef Rea Side O Rea	ar End ar End ngle eswipe th Turn t Turn ar End eswipe ther ar End	Day Day Day Day Day Day Day Day Day Day	Dry Dry Dry Dry Dry Dry Dry Dry Dry Dry	Carele Carele Disregarded Improper Failed to Failed to Carele Improper Improper	ss Driving ss Driving Control Devices Lane Change Yield ROW Yield ROW ss Driving Lane Change Lane Change Lane Change
26         4/11/2017           27         5/29/2017           28         7/7/2017           29         9/14/2017           30         10/12/2017           31         10/19/2017           32         10/20/2017           33         11/1/2017           34         11/17/2017	Tue Mon Fri Thu Thu Thu Fri Wed Fri	8:05 AM 9:09 AM 4:40 PM 10:45 AM 8:30 AM 4:45 PM 11:15 AM 6:05 PM 7:50 AM	0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 1 0 0 0 0	\$3,000 \$7,000 \$4,000 \$600 \$2,500 \$8,000 \$1,400 \$40,000 \$3,000	Rea A Side Righ Lef Rea Side O Rea	ar End ngle eswipe ht Turn t Turn ar End eswipe ther ar End	Day Day Day Day Day Day Day Day Day Day	Dry Dry Dry Dry Dry Dry Dry Dry Dry Dry	Carele Disregarded Improper Failed to Failed to Carele Improper Improper	ss Driving Control Devices Lane Change Yield ROW Yield ROW ss Driving Lane Change Lane Change Lane Change
27         5/29/2017           28         7/7/2017           29         9/14/2017           30         10/12/2017           31         10/19/2017           32         10/20/2017           33         11/1/2017           34         11/17/2017	Mon Fri Thu Thu Thu Fri Wed Fri	9:09 AM 4:40 PM 10:45 AM 8:30 AM 4:45 PM 11:15 AM 6:05 PM 7:50 AM	0 0 0 0 0 0 0 0 0	1 0 0 1 0 0 0 0	\$7,000 \$4,000 \$600 \$2,500 \$8,000 \$1,400 \$40,000 \$3,000	A Side Rigt Lef Rea Side	ngle eswipe ht Turn t Turn ar End eswipe ther ar End	Day Day Day Day Day Day Day Day Day	Dry Dry Dry Dry Dry Dry Dry Dry Dry	Disregarded Improper Failed to Carele Improper Improper	Control Devices Lane Change Yield ROW Yield ROW ss Driving Lane Change Lane Change Lane Change
28         7/7/2017           29         9/14/2017           30         10/12/2017           31         10/19/2017           32         10/20/2017           33         11/1/2017           34         11/17/2017	Fri Thu Thu Thu Fri Wed Fri	4:40 PM 10:45 AM 8:30 AM 4:45 PM 11:15 AM 6:05 PM 7:50 AM	0 0 0 0 0 0 0	0 0 1 0 0 0 0	\$4,000 \$600 \$2,500 \$8,000 \$1,400 \$40,000 \$3,000	Side Rigt Lef Rea Side O Rea	eswipe at Turn t Turn ar End eswipe ther ar End	Day Day Day Day Day Day Day Day	Dry Dry Dry Dry Dry Dry Dry Dry	Improper Failed to Failed to Carele Improper Improper	Lane Change Yield ROW Yield ROW ss Driving Lane Change Lane Change Lane Change
29         9/14/2017           30         10/12/2017           31         10/19/2017           32         10/20/2017           33         11/1/2017           34         11/17/2017	Thu Thu Thu Fri Wed Fri	10:45 AM 8:30 AM 4:45 PM 11:15 AM 6:05 PM 7:50 AM	0 0 0 0 0 0	0 0 1 0 0 0	\$600 \$2,500 \$8,000 \$1,400 \$40,000 \$3,000	Righ Lef Rea Side O Rea	ar End	Day Day Day Day Day Day	Dry Dry Dry Dry Dry Dry Dry	Failed to Failed to Carele Improper Improper	Yield ROW Yield ROW ss Driving Lane Change Lane Change Lane Change
30         10/12/2017           31         10/19/2017           32         10/20/2017           33         11/1/2017           34         11/17/2017	Thu Thu Fri Wed Fri	8:30 AM 4:45 PM 11:15 AM 6:05 PM 7:50 AM	0 0 0 0	0 1 0 0 0	\$2,500 \$8,000 \$1,400 \$40,000 \$3,000	Lef Rea Side O Rea	t Turn ar End eswipe ther ar End	Day Day Day Day Day Day	Dry Dry Dry Dry Dry Dry	Failed to Carele Improper Improper	Yield ROW ss Driving Lane Change Lane Change Lane Change
31         10/19/2017           32         10/20/2017           33         11/1/2017           34         11/17/2017	Thu Fri Wed Fri	4:45 PM 11:15 AM 6:05 PM 7:50 AM	0 0 0 0	1 0 0 0	\$8,000 \$1,400 \$40,000 \$3,000	Rea Side O Rea	ar End eswipe hther ar End	Day Day Day Day	Dry Dry Dry Dry Dry	Carele Improper Improper	ss Driving Lane Change Lane Change Lane Change
32         10/20/2017           33         11/1/2017           34         11/17/2017	Fri Wed Fri	11:15 AM 6:05 PM 7:50 AM	0 0 0	0 0 0	\$1,400 \$40,000 \$3,000	Side O Rea	eswipe Ither ar End	Day Day Day Day	Dry Dry Dry	Improper Improper Improper	Lane Change Lane Change Lane Change
33         11/1/2017           34         11/17/2017	Wed Fri	6:05 PM 7:50 AM	0	0	\$40,000 \$3,000	O Rea	ar End	Day Day	Dry Dry	Improper	Lane Change Lane Change
34 11/17/2017	Fri	7:50 AM	0	0	\$3,000	Rea	ar End	Day	Dry	Improper	Lane Change
								-		· · · ·	
35 12/19/2017	Tue	7:35 AM	0	1	\$250	Ped	estrian	Day	Dry	Failed to	Yield ROW
TOTAL			0	3	\$ 73,750						
Total No. Fatal	Injury	PDO	Rear End	Head-on	Angle	Left	Right	Sideswipe	Off	Bicycle /	Other
11 0	3	8	4	0	1	Turn 1	Turn 1	2	Road 0	Pedestrian 1	1
PERCENT 0%	27%	73%	36%	0%	9%	9%	9%	18%	0%	9%	9%
Contrib. Cause Day	Night	PAVEM WET	ENT CONDI	ITIONS Unknown	Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Failed to Yield ROW	Disregarded Control Devices	Other
TOTAL 11	0	0	11	0	0	0	3	4	3	1	0
PERCENT 100%	0	0%	100%	0%	0%	0%	27%	36%	27%	9%	0%

				State		Department of SION SUMM	•	rtation				Form 750-020-06 ENGINEERING 10/15
						neral Informat						
Roadway:	_		Riverside			-	Study Pe	eriod:	1/1/1	-		2/31/17
Sheet	-		R-:	5			Data by:				nd Yaffee, Inc	
Milepost:	-						Date:			7/	5/2019	
County:	Г Т		Duv		erity	Property			Day / Night	Wet /		
No.	Date	Day	Time	Fatal	Injury	Damage	Cras	h Type	Day / Night	Dry	Contribu	uting Cause
1	3/7/2015	Sat	12:50 AM	0	1	\$4,000	Off	Road	Night	Dry	Vehicle	Malfunction
2	3/7/2015	Sat	1:38 AM	0	0	\$3,000	Side	eswipe	Night	Dry		DUI
3	9/28/2015	Mon	2:20 PM	0	0	\$1,400	Rea	ar End	Day	Wet	Following	Too Closely
4	1/26/2016	Tue	7:50 AM	0	1	\$3,000	Rea	ar End	Day	Dry	Carele	ess Driving
5	2/17/2016	Wed	5:35 PM	0	0	\$7,000	Rea	ar End	Day	Dry	Carele	ess Driving
6	3/12/2016	Sat	1:25 AM	0	2	\$11,000	Off	Road	Night	Dry	Vehicle	Malfunction
7	3/18/2016	Fri	9:50 PM	0	0	\$500	Side	eswipe	Night	Wet	Improper	Lane Change
8	4/28/2016	Thu	11:00 AM	0	1	\$250	Rea	ar End	Day	Dry	Carele	ess Driving
9	5/18/2016	Wed	9:49 PM	0	0	\$10,000	Rea	ar End	Night	Wet	Carele	ess Driving
10	10/1/2016	Sat	4:40 PM	0	0	\$500	Rea	ar End	Day	Dry	Following	Too Closely
11	10/14/2016	Fri	7:40 AM	0	0	\$1,000	Side	eswipe	Day	Dry	Improper	Lane Change
12	11/10/2016	Thu	8:30 AM	0	0	\$1,000	Rea	ar End	Day	Dry	Carele	ess Driving
13	11/11/2016	Fri	8:57 AM	0	1	\$3,000	Rea	ar End	Day	Dry	Carele	ess Driving
14	11/30/2016	Wed	6:40 AM	0	0	\$9,000	Rea	ar End	Day	Dry	Carele	ess Driving
15	12/26/2016	Mon	3:15 AM	0	0	\$8,150	Off	Road	Night	Dry	Avoiding V	ehicle Collision
16	3/18/2017	Sat	2:40 PM	0	1	\$800	Bi	cycle	Day	Dry		sregarded Control
17	5/9/2017	Tue	9:00 AM	0	1	\$2,000	Rea	ar End	Day	Dry	Carele	ess Driving
18	6/9/2017	Fri	3:30 PM	0	1	\$250	Bi	cycle	Day	Dry		sregarded Control evices
TOTAL				0	9	\$ 65,850						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
18	0	8	10	10	0	0	0	0	3	3	2	0
PERCENT	0%	44%	56%	56%	0%	0%	0%	0%	17% Improper	17% Failed to	11% Disregarded	0%
Contrib. Cause	Day	Night	PAVEM WET	ENT CONDI DRY	TIONS Unknown	Exceeded Speed	DUI	Careless Driving	Lane Change	Yield ROW	Control Devices	Other
TOTAL	12	6	3	15	0	0	1	8	2	0	0	7
PERCENT	67%	33%	17%	83%	0%	0%	6%	44%	11%	0%	0%	39%
Total Vehic	les Entering/A	DT:				•	Collision	Rate:			•	PER M.E.V.

				State		Department of SION SUMM	•	rtation				Form 750-020-06 ENGINEERING 10/15
					Ger	eral Informat	ion					
Roadway:	_		East Bay	Street			Study Pe	eriod:	1/1/1	5	To: 1	2/31/17
Sheet	_		B-1	1			Data by:				nd Yaffee, Inc	
Milepost:	-						Date:			7/	5/2019	
County:			Duv			_						
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	h Type	Day / Night	Wet / Dry	Contrib	uting Cause
1	6/21/2015	Sun	1:40 AM	0	0	\$13,300	Side	eswipe	Night	Dry		DUI
2	10/16/2015	Fri	10:33 PM	0	0	\$4,000	Side	eswipe	Night	Dry	Carele	ess Driving
3	10/18/2015	Sun	5:30 PM	0	0	\$7,500	Rea	ar End	Day	Dry		DUI
4	1/9/2016	Sat	5:30 AM	0	0	\$15,000	Off	Road	Night	Dry		DUI
5	1/26/2016	Tue	11:00 AM	0	2	\$10,000	A	ngle	Day	Dry	Disregarded	Control Devices
6	3/15/2016	Tue	4:45 PM	0	1	\$1,000	Ped	estrian	Day	Dry	Failed to	Yield ROW
7	6/27/2016	Mon	4:26 PM	0	0	\$5,000	A	ngle	Day	Dry	Disregarded	Control Devices
8	7/3/2016	Sun	11:05 PM	0	1	\$24,000	Off	Road	Night	Dry	Pos	sible DUI
9	7/16/2016	Sat	9:35 PM	0	0	\$4,500	A	ngle	Night	Dry	Disregarded	Control Devices
10	10/1/2016	Sat	12:47 AM	0	0	\$11,000	Side	eswipe	Night	Dry	Improper	Lane Change
11	2/1/2017	Wed	1:09 PM	0	0	\$5,000	A	ngle	Day	Dry	Disregarded	Control Devices
12	2/18/2017	Sat	10:47 PM	0	0	\$3,000	A	ngle	Night	Dry	Disregarded	Control Devices
13	3/7/2017	Tue	10:45 PM	0	0	\$700	Side	eswipe	Night	Dry	Lack of Cle	arance for Turn
14	5/18/2017	Thu	4:10 PM	0	0	\$510	Bi	cycle	Day	Dry	Bicyclist Ro	de Into Vehicle
15	6/24/2017	Sat	11:30 AM	0	0	\$3,500	Side	eswipe	Day	Dry	Failed to	Yield ROW
16	7/29/2017	Sat	12:30 AM	0	0	\$8,000	Side	eswipe	Night	Dry		DUI
17	9/7/2017	Thu	11:42 AM	0	0	\$1,500	Side	eswipe	Day	Dry	Carele	ess Driving
18	9/17/2017	Sun	5:56 PM	0	1	\$7,000	Side	eswipe	Day	Dry	Carele	ess Driving
19	10/25/2017	Wed	10:50 PM	0	0	\$4,000	Rea	ar End	Night	Dry	Carele	ess Driving
TOTAL				0	5	\$ 128,510						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
19	0	4	15	2	0	5	0	0	8	2	2	0
PERCENT	0%	21%	79%	11%	0%	26%	0%	0%	42% Improper	11% Failed to	11% Disregarded	0%
Contrib. Cause	Day	Night	WET	ENT CONDI DRY	Unknown	Exceeded Speed	DUI	Careless Driving	Lane Change	Yield ROW	Control Devices	Other
TOTAL	9	10	0	19	0	0	4	4	1	2	5	3
PERCENT	47%	53%	0%	100%	0%	0%	21%	21%	5%	11%	26%	16%
Total Vehic	les Entering/A					•	Collision	Rate:			•	PER M.E.V.

				State		Department of SION SUMM		rtation				orm 750-020-06 ENGINEERING 10/15
						eral Informat						
Roadway:			East Bay	Street			Study Pe	eriod:	1/1/1	5	To: 1	2/31/17
Sheet	_		B-2	2			Data by:			Peters a	nd Yaffee, Inc	
Milepost:	_						Date:			7/	5/2019	
County:			Duv									
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	sh Type	Day / Night	Wet / Dry	Contribu	uting Cause
1	7/26/2016	Tue	3:25 PM	0	0	\$2,000	Side	eswipe	Day	Dry	Improper	Lane Change
2	3/2/2017	Thu	7:30 AM	0	0	\$2,200	Rea	ar End	Day	Dry	Carele	ss Driving
3	12/7/2017	Thu	11:00 PM	0	2	\$6,500	Lef	t Turn	Night	Wet	Failed to	Yield ROW
4	12/10/2017	Sun	2:35 PM	0	0	\$2,700	Rea	ar End	Day	Dry	Carele	ss Driving
TOTAL				0	2	\$ 13,400						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
4	0	1	3	2	0	0	1	0	1	0	0	0
PERCENT	0%	25%	75%	50%	0%	0%	25%	0%	25%	0%	0%	0%
Contrib. Cause	Day	Night	PAVEM WET	ENT CONDI DRY	TIONS Unknown	Exceeded Speed	DUI	Careless Driving	Improper Lane	Failed to Yield	Disregarded Control	Other
OTAL	3	1	1	3	0	0	0	2	Change 1	ROW 1	Devices 0	0
PERCENT	3 75%	25%	25%	3 75%	0%	0%	0%	2 50%	25%	25%	0%	0%
	es Entering/A		23%	1370	070	0 /0	Collision		2370	2070	0 /0	PER M.E.V

				State		Department of SION SUMM		rtation				Form 750-020-06 ENGINEERING 10/15
						eral Informat						
Roadway:			West Eigh	th Street			Study Pe	eriod:	1/1/1	5	To: 1	2/31/17
Sheet	_		E-1	1			Data by:			Peters ar	nd Yaffee, Inc	
Milepost:	_						Date:			7/	5/2019	
County:			Duv									
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	h Type	Day / Night	Wet / Dry	Contrib	uting Cause
1	2/9/2015	Mon	6:30 PM	0	0	\$3,500	Side	eswipe	Night	Wet	Improper	Lane Change
2	3/26/2015	Thu	3:20 PM	0	0	\$2,000	Rea	ar End	Day	Dry	Carele	ess Driving
3	4/22/2015	Wed	3:00 PM	0	1	\$2,500	Rea	ar End	Day	Dry	Carele	ss Driving
4	7/9/2015	Thu	8:49 AM	0	0	\$4,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
5	10/4/2015	Sun	6:45 PM	0	0	\$800	Off	Road	Day	Dry	lllega	al U-Turn
6	11/23/2015	Mon	8:05 AM	0	0	\$12,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
7	1/20/2016	Wed	3:25 PM	0	0	\$1,500	Side	eswipe	Day	Dry	Carele	ss Driving
8	3/8/2016	Tue	12:50 PM	0	1	\$8,000	Rea	ar End	Day	Dry	Carele	ss Driving
9	5/3/2016	Tue	3:06 PM	0	0	\$1,000	Side	eswipe	Day	Dry	Improper	Lane Change
10	10/21/2016	Fri	4:30 PM	0	0	\$6,100	Off	Road	Day	Dry	М	edical
11	10/24/2016	Mon	3:00 PM	0	1	\$1,000	Ped	estrian	Day	Dry		Failed to Use sswalk
12	12/29/2016	Thu	7:40 AM	0	0	\$2,000	Side	eswipe	Day	Dry	Improper	Lane Change
13	1/17/2017	Tue	12:45 PM	0	1	\$10,000	Rea	ar End	Day	Dry	Carele	ess Driving
14	1/25/2017	Wed	6:35 PM	0	0	\$2,000	Lef	t Turn	Night	Dry	Failed to	Yield ROW
15	1/27/2017	Fri	6:45 AM	0	1	\$2,500	Side	eswipe	Day	Dry	Improper	Lane Change
16	2/6/2017	Mon	4:00 PM	0	2	\$5,100	Rea	ar End	Day	Dry	Carele	ess Driving
17	3/22/2017	Wed	2:44 PM	0	1	\$500	Ped	estrian	Day	Dry	Failed to	Yield ROW
18	4/10/2017	Mon	7:20 PM	0	0	\$2,500	Rea	ar End	Night	Dry	Carele	ess Driving
19	10/30/2017	Mon	3:40 PM	0	0	\$6,000	Rea	ar End	Day	Dry	Carele	ess Driving
20	12/11/2017	Mon	4:35 PM	0	0	\$2,000	Rea	ar End	Day	Dry	Carele	ss Driving
TOTAL				0	8	\$ 75,000						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
20	0	7	13	8	0	0	3	0	5	2	2	0
PERCENT	0%	35%	65%	40%	0%	0%	15%	0%	25%	10%	10% Diaragendad	0%
Contrib. Cause	Day	Night	PAVEM WET	ENT CONDI DRY	TIONS Unknown	Exceeded Speed	DUI	Careless Driving	Improper Lane	Failed to Yield	Disregarded Control	Other
TOTAL	17	3	1	19	0	0	0	9	Change 4	ROW 4	Devices 0	3
PERCENT	85%		5%	95%	0%	0%	0%	9 45%	20%	4 20%	0%	15%
	les Entering/A		J /0	3370	0 /0	070	Collision		2070	2070	070	PER M.E.V.

				State		Department of SION SUMM	•	rtation				Form 750-020-06 ENGINEERING 10/15
						neral Informat						
Roadway:	-		West Eigh	th Street		_	Study Pe	eriod:	1/1/1	-		2/31/17
Sheet	-		E-3	2			Data by:				nd Yaffee, Inc	
Milepost:	-						Date:			7/	5/2019	
County:			Duv			Droportu			Day / Night	Wet /		
No.	Date	Day	Time	Sev Fatal	Injury	Property Damage	Cras	h Type	Day / Night	Dry	Contrib	uting Cause
1	1/13/2015	Tue	1:05 AM	0	1	\$16,000	Rea	ar End	Night	Wet		DUI
2	2/24/2015	Tue	8:05 AM	0	0	\$9,000	A	ngle	Day	Wet	Disregarded	Control Devices
3	3/4/2015	Wed	8:50 AM	0	0	\$1,000	Rea	ar End	Day	Dry	Carele	ess Driving
4	3/11/2015	Wed	3:40 PM	0	2	\$2,500	Rea	ar End	Day	Dry	Carele	ess Driving
5	6/23/2015	Tue	12:40 PM	0	0	\$0	Rea	ar End	Day	Dry	Carele	ess Driving
6	7/22/2015	Wed	3:20 PM	0	0	\$1,200	Rea	ar End	Day	Wet	Carele	ess Driving
7	8/11/2015	Tue	7:45 PM	0	1	\$0	Ped	estrian	Day	Dry	Failed to	Yield ROW
8	12/18/2015	Fri	5:00 PM	0	1	\$800	Rea	ar End	Night	Dry	Carele	ess Driving
9	2/17/2016	Wed	4:36 PM	0	0	\$2,500	Side	eswipe	Day	Dry	Turn From	Improper Lane
10	4/22/2016	Fri	12:40 PM	0	1	\$1,100	Bi	cycle	Day	Dry	Failed to	Yield ROW
11	5/4/2016	Wed	10:15 AM	0	3	\$10,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
12	6/8/2016	Wed	3:40 PM	0	0	\$2,500	Rea	ar End	Day	Dry	Carele	ess Driving
13	8/26/2016	Fri	6:34 AM	0	1	\$10,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
14	9/14/2016	Wed	6:54 AM	0	0	\$5,500	Rea	ar End	Day	Dry	Carele	ess Driving
15	2/3/2017	Fri	10:38 AM	0	0	\$6,000	Side	eswipe	Day	Dry	Turn From	Improper Lane
16	4/22/2017	Sat	8:32 AM	0	0	\$1,800	Side	eswipe	Day	Dry	Turn From	Improper Lane
17	6/12/2017	Mon	5:30 PM	0	0	\$20	Bi	cycle	Day	Wet	Failed to	Yield ROW
18	6/15/2017	Thu	3:00 PM	0	0	\$500	Side	eswipe	Day	Dry	Carele	ess Driving
19	11/20/2017	Mon	3:50 PM	0	0	\$2,000	Side	eswipe	Day	Dry	Improper	Lane Change
20	12/5/2017	Tue	2:04 PM	0	2	\$300	Ped	estrian	Day	Dry	Failed to	Yield ROW
21	12/7/2017	Thu	2:25 PM	0	0	\$9,000	Lef	t Turn	Day	Wet	Failed to	Yield ROW
22	12/15/2017	Fri	12:55 PM	0	0	\$4,000	Rea	ar End	Day	Dry	Carele	ess Driving
TOTAL				0	12	\$ 85,720						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
22	0	8	14	9	0	1	3	0	5	0	4	0
PERCENT	0%	36%	64%	41%	0%	5%	14%	0%	23%	0%	18%	0%
Contrib. Cause	Day	Night	PAVEM WET	ENT CONDI DRY	TIONS Unknown	Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Failed to Yield ROW	Disregarded Control Devices	Other
TOTAL	20	2	5	17	0	0	1	9	1	7	1	3
PERCENT	91%	9%	23%	77%	0%	0%	5%	41%	5%	32%	5%	14%
Total Vehic	les Entering/A	ADT:					Collisior	n Rate:				PER M.E.V.

				State		Department of SION SUMM		tation				orm 750-020-06 ENGINEERING 10/15
						eral Informat						
Roadway:			West Eigh	th Street			Study Pe	riod:	1/1/1	5	To: 1	2/31/17
Sheet			E-:	3			Data by:			Peters ar	nd Yaffee, Inc	
Milepost:	-						Date:			7/	5/2019	
County:			Duv			5			<b>D</b> ( <b>NU U U</b>			
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	h Type	Day / Night	Wet / Dry	Contribu	uting Cause
1	3/11/2015	Wed	6:30 PM	0	1	\$2,000	Rea	ar End	Day	Wet	Pavemer	nt Conditions
2	3/29/2016	Tue	4:35 PM	0	0	\$200	Bi	cycle	Day	Dry	Failed to	Yield ROW
3	4/28/2016	Thu	11:44 PM	0	1	\$1,000	Righ	nt Turn	Night	Dry	Failed to	Yield ROW
4	8/14/2016	Sun	4:00 AM	0	0	\$5,200	Off	Road	Night	Dry	Carele	ss Driving
5	1/19/2017	Thu	8:20 AM	0	0	\$3,450	Rea	ar End	Day	Dry	Carele	ss Driving
6	4/14/2017	Fri	1:10 PM	0	1	\$500	Rea	ar End	Day	Dry	Carele	ss Driving
7	4/23/2017	Sun	12:17 AM	0	0	\$500	Side	eswipe	Night	Dry	Carele	ss Driving
8	5/26/2017	Fri	11:00 PM	0	0	\$2,000	Rea	ar End	Night	Dry	Carele	ss Driving
9	11/6/2017	Mon	8:25 AM	0	1	\$100	Bi	cycle	Day	Dry	Failed to	Yield ROW
												_
TOTAL				0	4	\$ 14,950						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
9	0	4	5	4	0	0	0	1	1	1	2	0
PERCENT	0%	44%	56%	44%	0%	0%	0%	11%	11%	11%	22%	0%
Contrib. Cause	Day	Night	PAVEM WET	ENT CONDI DRY	TIONS Unknown	Exceeded Speed	DUI	Careless Driving	Improper Lane	Failed to Yield	Disregarded Control	Other
OTAL	5	4	1	8	0 0	0	0	5	Change 0	ROW 3	Devices 0	1
PERCENT	56%	44%	11%	89%	0%	0%	0%	56%	0%	33%	0%	11%
	es Entering/A		1170	0070	070	0,0	Collision		070	00/0	070	PER M.E.V

				State		epartment of SION SUMM		tation				orm 750-020-06 ENGINEERING 10/15
						eral Informat						
Roadway:	_		West Eigh	th Street			Study Pe	riod:	1/1/1	5	To: 1	2/31/17
Sheet	_		E-4	4			Data by:				nd Yaffee, Inc	
Milepost:	-						Date:			7/	5/2019	
County:			Duv		e ultra	Droporty			Day / Night	Wet /		
No.	Date	Day	Time	Fatal	erity Injury	Property Damage	Cras	h Type	Day / Night	Dry	Contrib	uting Cause
1	2/6/2015	Fri	7:00 PM	0	1	\$10,200	Off	Road	Night	Dry	Carele	ss Driving
2	8/6/2015	Thu	9:42 AM	0	0	\$110	Rea	ar End	Day	Dry	Carele	ss Driving
3	9/8/2015	Tue	7:25 PM	0	2	\$3,500	A	ngle	Day	Dry	Disregarded	Control Devices
4	5/23/2016	Mon	11:45 AM	0	0	\$1,500	Rea	ar End	Day	Dry	Carele	ss Driving
5	9/29/2016	Thu	5:15 PM	0	0	\$6,000	Side	eswipe	Day	Dry	Improper	Lane Change
6	11/27/2016	Sun	10:25 AM	0	0	\$1,000	Rea	ar End	Day	Dry	Carele	ss Driving
7	12/14/2016	Wed	8:03 PM	0	2	\$5,000	Off	Road	Night	Dry	Carele	ss Driving
8	2/23/2017	Thu	2:41 PM	0	0	\$2,500	Rea	ar End	Day	Dry	Carele	ss Driving
9	2/28/2017	Tue	7:45 AM	0	0	\$900	Rea	ar End	Day	Dry	Carele	ss Driving
10	9/26/2017	Tue	1:40 PM	0	0	\$10,000	Rea	ar End	Day	Dry	Carele	ss Driving
TOTAL				0	5	\$ 40,710						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left	Right	Sideswipe	Off	Bicycle /	Other
10	0 Fatai	3	7	6	0	1	Turn 0	Turn 0	1	Road 2	Pedestrian 0	0
PERCENT	0%	30%	70%	60%	0%	10%	0%	0%	10%	20%	0%	0%
Contrib. Cause	Day	Night		ENT CONDI DRY		Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Failed to Yield ROW		Other
TOTAL	8	2	0	10	0	0	0	8	1	0	1	0
PERCENT	80%	20%	0%	100%	0%	0%	0%	80%	10%	0%	10%	0%

Roadway:					of Flowide F		<b>T</b>	4.04			TRAFFIC	ENGINEERING
				State		Department of SION SUMM	•	tation				10/15
						neral Informat						
01	-		Main S			<u>.</u>	Study Pe	riod:	1/1/1	-	-	2/31/17
Sheet	-		M-	1		<u>.</u>	Data by:				nd Yaffee, Inc 5/2019	
Milepost: County:	-		Duv	al			Date:			1/3	5/2019	
No.	Date	Day	Time		erity Injury	Property Damage	Cras	h Type	Day / Night	Wet / Dry	Contrib	uting Cause
1	1/1/2015	Thu	11:03 PM	0	2	\$13,000	A	ngle	Night	Dry	Disregarded	Control Devices
2	1/12/2015	Mon	10:04 AM	0	0	\$600	Rea	ar End	Day	Wet	Carele	ess Driving
3	4/6/2015	Mon	9:00 AM	0	0	\$2,000	Rea	ar End	Day	Dry	Carele	ess Driving
4	4/13/2015	Mon	1:35 AM	0	1	\$12,000	A	ngle	Night	Dry	Disregarded	Control Devices
5	4/28/2015	Tue	11:38 AM	0	0	\$1,300	Righ	nt Turn	Day	Dry	Failed to	Yield ROW
6	6/10/2015	Wed	12:53 PM	0	0	\$10,000	A	ngle	Day	Wet	Disregarded	Control Devices
7	6/22/2015	Mon	11:00 PM	0	0	\$2,000	A	ngle	Night	Wet	Disregarded	Control Devices
8	6/22/2015	Mon	7:01 AM	0	0	\$7,000	A	ngle	Day	Wet	Disregarded	Control Devices
9	7/22/2015	Wed	3:20 PM	0	0	\$8,000	A	ngle	Day	Wet	Disregarded	Control Devices
10	8/21/2015	Fri	3:15 AM	0	0	\$10,000	А	ngle	Night	Dry	Disregarded	Control Devices
11	8/24/2015	Mon	12:15 PM	0	0	\$750	Side	eswipe	Day	Dry	Carele	ess Driving
12	9/10/2015	Thu	11:45 AM	0	0	\$5,000	Side	eswipe	Day	Dry	Failed to	Yield ROW
13	12/19/2015	Sat	6:12 AM	0	1	\$10,000	A	ngle	Night	Dry	Disregarded	Control Devices
14	12/20/2015	Sun	10:00 AM	0	0	\$11,000	Side	eswipe	Day	Dry	Vehicula	r Malfunction
15	2/26/2016	Fri	7:55 AM	0	1	\$3,000	Side	eswipe	Day	Dry	Emerge	ncy Vehicle
16	3/12/2016	Sat	1:50 AM	0	0	\$3,000	A	ngle	Night	Dry	Disregarded	Control Devices
17	3/25/2016	Fri	5:05 AM	0	1	\$37,000	A	ngle	Night	Dry	Disregarded	Control Devices
18	4/9/2016	Sat	4:55 AM	0	0	\$11,500	A	ngle	Night	Dry	Disregarded	Control Devices
19	5/10/2016	Tue	1:40 PM	0	1	\$3,500	Rea	ar End	Day	Dry	Carele	ess Driving
20	5/16/2016	Mon	7:40 PM	0	1	\$10,000	A	ngle	Day	Dry	Disregarded	Control Devices
21	5/18/2016	Wed	12:00 AM	0	0	\$1,000	Side	eswipe	Day	Dry	Carele	ess Driving
22	5/31/2016	Tue	9:50 PM	0	0	\$1,500	Rea	ar End	Night	Dry	Carele	ess Driving
23	6/19/2016	Sun	12:38 AM	0	2	\$8,000	A	ngle	Night	Dry	Disregarded	Control Devices
24	6/24/2016	Fri	3:15 PM	0	0	\$4,000	Rea	ar End	Day	Dry	Carele	ess Driving
TOTAL				0	10	\$ 175,150						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
24	0	8	16	5	0	13	0	1	5	0	0	0
PERCENT	0%	33%	67%	21%	0%	54%	0%	4%	21%	0% Failed to	0% Disregarded	0%
Contrib. Cause	Day	Night	PAVEM WET	ENT CONDI DRY	TIONS Unknown	Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Failed to Yield ROW	Disregarded Control Devices	Other
TOTAL	14	10	5	19	0	0	0	7	0	2	13	2
PERCENT	58%	42%	21%	79%	0%	0%	0%	29%	0%	8%	54%	8%

				State		Department of SION SUMM	•	rtation				orm 750-020-06 ENGINEERING 10/15
						neral Informat						
Roadway:			Main S	street		_	Study Pe	eriod:	1/1/1	5	To: 1	2/31/17
Sheet	_		M-	1			Data by:			Peters ar	nd Yaffee, Inc	
Milepost:	_					-	Date:			7/	5/2019	
County:			Duv						1			
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	sh Type	Day / Night	Wet / Dry	Contribu	uting Cause
25	7/18/2016	Mon	12:09 AM	0	0	\$5,000	Rigł	ht Turn	Night	Dry	Disregarded	Control Devices
26	8/11/2016	Thu	12:05 PM	0	1	\$15,000	Rea	ar End	Day	Dry	Carele	ss Driving
27	8/29/2016	Mon	12:30 AM	0	0	\$2,000	A	ngle	Night	Dry	Disregarded	Control Devices
28	10/21/2016	Fri	2:46 AM	0	0	\$3,000	Off	Road	Night	Dry	Unknown- Ve	hicle Abandoned
29	10/29/2016	Sat	9:50 PM	0	5	\$21,000	Rea	ar End	Night	Dry	Carele	ss Driving
30	12/13/2016	Tue	11:20 PM	0	0	\$7,000	А	ngle	Night	Dry	Disregarded	Control Devices
31	12/29/2016	Thu	12:06 PM	0	0	\$4,000	A	ngle	Day	Dry	-	Control Devices
32	1/16/2017	Mon	4:00 PM	0	1	\$100	Ped	estrian	Day	Dry		Failed to Use sswalk
33	2/3/2017	Fri	12:30 PM	0	0	\$1,500	Rea	ar End	Day	Dry	Carele	ss Driving
34	3/17/2017	Fri	1:40 AM	0	0	\$10,000	А	ngle	Night	Dry	Disregarded	Control Devices
35	5/19/2017	Fri	5:41 PM	0	0	\$1,500	Rea	ar End	Day	Dry	Carele	ss Driving
36	6/12/2017	Mon	7:20 AM	0	3	\$20,000	А	ngle	Day	Dry	Disregarded	Control Devices
37	6/23/2017	Fri	2:00 PM	0	1	\$0	Rea	ar End	Day	Dry	Carele	ss Driving
38	6/30/2017	Fri	8:25 PM	0	0	\$20,000	А	ngle	Night	Dry	Disregarded	Control Devices
39	8/28/2017	Mon	5:40 AM	0	3	\$10,000	А	ngle	Night	Wet	Failed to	Yield ROW
40	10/21/2017	Sat	2:40 AM	0	0	\$25,000	А	ngle	Night	Dry	Disregarded	Control Devices
41	11/28/2017	Tue	12:14 PM	0	0	\$3,000	Rea	ar End	Day	Dry	Carele	ss Driving
TOTAL				0	14	\$ 148,100						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
17	0	6	11	6	0	8	0	1	0	1	1	0
PERCENT Contrib.	0% Day	35% Night	65% PAVEM	35% ENT CONDI	0% TIONS	47% Exceeded	0% DUI	6% Careless	0% Improper Lane	6% Failed to Yield	6% Disregarded Control	0% Other
Cause TOTAL		9	WET	DRY 16	Unknown	Speed	0	Driving 6	Change	ROW	Devices 8	2
PERCENT	8 47%	9 53%	1 6%	94%	0 0%	0	0%	6 35%	0 0%	1 6%	8 47%	12%
	47% les Entering/A		070	J-7 /0	0.10	070	Collision		070	070	-17/0	PER M.E.V.

				State		Department of SION SUMM		rtation				Form 750-020-06 ENGINEERING 10/15
						neral Information						
Roadway:			Main S	Street			Study Pe	eriod:	1/1/1	5	To: 1	2/31/17
Sheet			M-	2		-	Data by:			Peters a	nd Yaffee, Inc	
Milepost:						-	Date:			7/	5/2019	
County:			Duv	'al		-						
No.	Date	Day	Time	Sev	erity	Property	Cras	sh Type	Day / Night	Wet /	Contrib	uting Cause
110.	Date	Day	TITIC	Fatal	Injury	Damage	Olas	лтурс		Dry	Contrib	aning cause
1	3/13/2015	Fri	10:40 AM	0	1	\$7,700	Off	Road	Day	Wet	Vehicula	r Malfunction
2	5/15/2015	Fri	8:45 PM	0	1	\$0	Ped	estrian	Night	Dry	Failed to	Yield ROW
3	3/5/2016	Sat	3:10 PM	0	0	\$1,000	Side	eswipe	Day	Dry	Carele	ss Driving
TOTAL				0	2	\$ 8,700						
Total No.	Fatal	Injury	PDO	Rear End		Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
3	0	2	1	0	0	0	0	0	1	1	1	0
PERCENT	0%	67%	33%	0%	0%	0%	0%	0%	33%	33%	33%	0%
Contrib. Cause	Day	Night	PAVEN WET	ENT CONDI	TIONS Unknown	Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Failed to Yield ROW	Disregarded Control Devices	Other
TOTAL	2	1	1	2	0	0	0	1	0	1	0	1
PERCENT	67%	33%	33%	67%	0%	0%	0%	33%	0%	33%	0%	33%
	les Entering/					•	Collision		1			PER M.E.V.

				State		Department of SION SUMM		rtation				Form 750-020-06 ENGINEERING 10/15	
					Ger	eral Informat	ion						
Roadway:	_	East First Street         Study Period:         1/1/15         To:         12/31/17										2/31/17	
Sheet	F-1					Data by:				Peters and Yaffee, Inc			
Milepost:	-					Date: 7/5/2019							
County:			Duval		e ritu i	Property			Day / Night	Wet /			
No.	Date	Day	Time	Severity Fatal Injury		Damage	Crash	h Type	Day / Night	Dry	Contribu	uting Cause	
1	4/17/2015	Fri	10:55 AM	0	1	\$15,000	Off	Road	Day	Dry	М	edical	
2	4/26/2015	Sun	12:55 AM	0	0	\$6,000	Lef	t Turn	Night	Dry	Failed to Yield ROW		
3	5/6/2015	Wed	9:23 AM	0	1	\$15,000	Rea	ar End	Day	Dry	Careless Driving		
4	10/31/2015	Sat	10:40 AM	0	0	\$2,000	A	ngle	Day	Dry			
5	1/27/2016	Wed	11:23 AM	0	1	\$0	Ped	estrian	Day	Dry	Pedestrian Improperly Entered Roadway		
6	3/4/2016	Fri	1:30 PM	0	0	\$75	Side	eswipe	Day	Dry	Failed to Yield ROW		
7	10/17/2016	Mon	7:45 AM	0	0	\$800	Lef	t Turn	Day Dry Failed to Yield		Yield ROW		
8	10/21/2016	Fri	2:45 PM	0	0	\$50	Off	Road	Day	Day Dry Wide Tur		de Turn	
9	12/11/2016	Sun	11:55 AM	0	2	\$100	Rea	ar End	Day	Dry	Dry Careless Driving		
10	3/20/2017	Mon	6:30 PM	0	0	\$29,000	A	ngle	Night	Dry Disregarded Control Devic		Control Devices	
11	4/21/2017	Fri	12:00 AM	0	0	\$200	Rigl	nt Turn	Day	Dry	Improper Lane Change		
12	7/2/2017	Sun	11:15 PM	0	0	\$5,000	Rigl	nt Turn	Night	Dry	Failed to Yield ROW		
13	7/9/2017	Sun	2:00 AM	0	0	\$14,000	Off	Road	Night Dry Careless Dr		ess Driving		
14	7/12/2017	Wed	10:40 PM	0	2	\$5,000	Angle		Night	Dry	Disregarded Control Devices		
15	12/27/2017	Wed	8:00 AM	0	1	\$6,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW	
TOTAL				0	8	\$ 98,225							
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other	
15	0	6	9	2	0	3	3	2	1	3	1	0	
PERCENT Contrib. Cause	0% Day	40% Night	60% PAVEM WET	13% ENT CONDI DRY	0% TIONS Unknown	20% Exceeded Speed	20% 13% DUI Careless Driving		7% Improper Lane	20% Failed to Yield	7% Disregarded Control	0% Other	
TOTAL	10	E	0	15	Unknown 0	0	0	3	Change 1	ROW	Devices 3	3	
PERCENT	67%	5 33%	0%	100%	0%	0%	0%	20%	7%	5 33%	20%	20%	
	es Entering/A		U /0	10070	0 /0	070	Collision		170	5570	2070	PER M.E.V.	

				State		epartment of SION SUMM		tation				orm 750-020-06 ENGINEERING 10/15
						eral Informat						
Roadway:	-		Prudentia	al Drive			Study Pe	riod:	1/1/1	5	To: 1	2/31/17
Sheet	-		PR	-1			Data by:		Peters and Yaffee, Inc			
Milepost:	-						Date:			7/	5/2019	
County:			Duv									
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	h Type	Day / Night	Wet / Dry	Contrib	uting Cause
1	1/21/2015	Wed	6:55 AM	0	1	\$0	Ped	estrian	Night	Dry	Carele	ess Driving
2	6/8/2015	Mon	8:37 AM	0	0	\$100	Re	ar End	Day	Dry	Followed	Too Closely
3	7/24/2016	Sun	1:00 AM	0	0	\$7,000	Off	Road	Night	Dry	Carele	ess Driving
4	4/26/2017	Wed	9:20 PM	0	1	\$30,000	Off	Road	Night	Dry	Carele	ss Driving
5	11/1/2017	Wed	4:00 PM	0	0	\$0	Rea	ar End	Day	Dry	Followed	Too Closely
TOTAL				0	2	\$37,100						
Total No.	Fatal	Injury	PDO	Rear End		Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
5	0	2	3	2	0	0	0	0	0	2	1	0
PERCENT	0%	40%	60%	40%	0%	0%	0%	0%	0%	40%	20%	0%
Contrib. Cause	Day	Night		IENT CONDI		Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Failed to Yield ROW	Disregarded Control Devices	Other
TOTAL	2	3	0	5	0	0	0	3	0	0	0	2
PERCENT	40%	60%	0%	100%	0%	0%	0%	60%	0%	0%	0%	40%
Total Vehic	es Entering/A	DT:					Collisior	Rate:				PER M.E.V.

Roadway:				State	of Elorido D	Department of	Transpor	tation			TRAFFIC	ENGINEERING
30aqway:				Sidle		SION SUMM	•	lation				10/15
Soadway.						neral Informat						
	_		Kings A				Study Pe	riod:	1/1/1		-	2/31/17
Sheet	-		K-*				Data by:			Peters and Yaffee, Inc 7/5/2019		
Milepost: County:	-		Duv	al			Date:				0/2010	
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	h Type	Day / Night	Wet / Dry	Contrib	uting Cause
1	1/7/2015	Wed	8:05 AM	0	1	\$4,000	Rea	ar End	Day	Dry	Followed	Too Closely
2	2/17/2015	Tue	4:45 PM	0	0	\$2,000	Side	eswipe	Night	Wet	Carele	ess Driving
3	2/19/2015	Thu	8:15 PM	0	0	\$8,000	А	ngle	Night	Dry	Disregarded	Control Devices
4	3/1/2015	Sun	5:34 PM	0	1	\$10,000	А	ngle	Day	Dry	Disregarded	Control Devices
5	3/22/2015	Sun	9:20 PM	0	2	\$12,500	Rea	ar End	Night	Wet	Carele	ess Driving
6	7/2/2015	Thu	8:00 PM	0	0	\$2,500	Side	eswipe	Night	Dry	Improper	Lane Change
7	8/10/2015	Mon	9:42 AM	0	4	\$20,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
8	8/12/2015	Wed	5:30 PM	0	1	\$27,000	Lef	t Turn	Day	Wet	Failed to	Yield ROW
9	10/8/2015	Thu	2:28 PM	0	0	\$5,000	Rea	ar End	Day	Dry	Carele	ss Driving
10	5/6/2016	Fri	12:40 AM	0	0	\$9,000	Rea	ar End	id Night		Careless Driving	
11	5/10/2016	Tue	7:40 AM	0	0	\$10,000	Side	eswipe	Day	Day Dry		ss Driving
12	6/3/2016	Fri	11:14 PM	0	1	\$2,000	Lef	t Turn	Night	Dry	Failed to	Yield ROW
13	7/8/2016	Fri	3:10 PM	0	0	\$2,000	Sideswipe		Day	Dry	Improper	Lane Change
14	8/25/2016	Thu	12:05 PM	0	0	\$9,000	Rea	ar End	Day	Dry	Carele	ess Driving
15	9/6/2016	Tue	5:00 PM	0	0	\$500	0	ther	Day	Dry	Fallir	ng Debris
16	12/17/2016	Sat	1:20 PM	0	0	\$10,000	Side	eswipe	Day	Dry	Improper	Lane Change
17	12/27/2016	Tue	7:23 PM	0	1	\$5,000	Lef	t Turn	Night	Dry	Disregarded	Control Devices
18	1/3/2017	Tue	2:20 PM	0	1	\$7,000	Off	Road	Day	Dry	Other	
19	4/17/2017	Mon	5:15 PM	0	0	\$6,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
20	5/29/2017	Mon	9:20 AM	0	0	\$12,000	Off	Road	Day	Dry	Carele	ess Driving
21	5/31/2017	Wed	10:55 AM	0	0	\$150	Rea	ar End	Day	Dry	Carele	ess Driving
22	7/26/2017	Wed	4:16 PM	0	2	\$4,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
23	8/10/2017	Thu	5:34 PM	0	0	\$5,000	Rea	ar End	Day	Dry	Carele	ess Driving
24	8/11/2017	Fri	12:22 AM	0	0	\$10,100	Off	Road	Night	Dry		DUI
TOTAL				0	14	\$ 182,750						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
24	0	9	15	7	0	2	6	0	5	3	0	1
PERCENT	0%	38%	63%	29%	0%	8%	25%	0%	20% Improper	13% Failed to	0% Disregarded	4%
Contrib. Cause	Day	Night	PAVEM WET	ENT CONDI DRY	TIONS Unknown	Exceeded Speed	DUI	Careless Driving	Lane Change	Yield ROW	Control Devices	Other
TOTAL	16	8	3	21	0	0	1	9	3	5	3	3
PERCENT	66%	33%	13%	87%	0%	0%	4%	38%	13%	21%	13%	13%

				State		Department of SION SUMM	-	tation				Form 750-020-06 ENGINEERING 10/15	
						eral Informat							
Roadway:	_		Kings A	venue			Study Pe	riod:	1/1/1	-	-	2/31/17	
Sheet	_		K-'	1			Data by: Peters				and Yaffee, Inc		
Milepost:	-						Date:			7/	5/2019		
County:			Duv						D (11)				
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	h Type	Day / Night	Wet / Dry	Contrib	uting Cause	
25	8/25/2017	Fri	2:22 PM	0	0	\$10,000	A	ngle	Day	Dry	Illega	al U-Turn	
26	10/25/2017	Wed	2:22 PM	0	0	\$300	Rea	ar End	Day	Dry	Carele	ss Driving	
27	11/7/2017	Tue	3:47 PM	0	0	\$200	Rea	ar End	Day	Dry	Carele	ss Driving	
28	11/15/2017	Wed	8:05 PM	0	0	\$10,000	Lef	t Turn	Night	Dry	Failed to	Yield ROW	
29	11/18/2017	Sat	12:40 AM	0	0	\$800	Off	Road	Night	Dry		DUI	
TOTAL				0	0	\$ 21,300							
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other	
5	0	0	5	2	0	1	1	0	0	1	0	0	
PERCENT Contrib.	0%	0%	100%	40% ENT CONDI	0% TIONS	20% Exceeded	20%	0% Careless	0% Improper	20% Failed to		0%	
Cause	Day	Night	WET	DRY	Unknown	Speed	DUI	Driving	Lane Change	Yield ROW	Control Devices	Other	
TOTAL	3	2	0	5	0	0	1	2	0	1	0	1	
PERCENT	60%	40%	0%	100%	0%	0%	20%	40%	0%	20%	0%	20%	

				State	of Elorido P	)opartment of	Transner	tation				Form 750-020-06 ENGINEERING
				State		Department of SION SUMM	-	rtation				10/15
						neral Informat						
Roadway:			San Marco			-	Study Pe		1/1/1		-	2/31/17
Sheet			SM	-1			Data by:			Peters and Yaffee, Inc 10/10/2019		
Milepost: County:			Duv	al			Date:			10/	10/2019	
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	sh Type	Day / Night	Wet / Dry	Contrib	uting Cause
1	1/22/2015	Thu	7:50 AM	0	1	\$9,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
2	2/27/2015	Fri	3:08 AM	0	0	\$4,000	Rigł	nt Turn	Night	Dry	Failed to	Yield ROW
3	3/12/2015	Thu	7:15 AM	0	3	\$34,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
4	5/7/2015	Thu	1:12 PM	0	0	\$8,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
5	7/20/2015	Mon	10:35 AM	0	0	\$2,000	A	ngle	Day	Dry	Disregarded	Control Devices
6	8/10/2015	Mon	10:55 AM	0	0	\$20,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
7	9/10/2015	Thu	2:18 PM	0	1	\$10,000	A	ngle	Day	Dry	Disregarded	Control Devices
8	9/21/2015	Mon	10:05 AM	0	2	\$15,000	Lef	t Turn	Day	Dry	Disregarded	Control Devices
9	10/19/2015	Mon	12:17 PM	0	0	\$5,500	Lef	t Turn	Day	Dry	Failed to	Yield ROW
10	11/12/2015	Thu	7:43 AM	0	1	\$10,000	Lef	Left Turn Day		Dry	Failed to Yield ROW	
11	11/12/2015	Thu	10:28 AM	0	0	\$10,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
12	11/18/2015	Wed	9:40 AM	0	0	\$3,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
13	11/24/2015	Tue	12:44 PM	0	1	\$30,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
14	12/7/2015	Mon	5:28 PM	0	0	\$3,500	Lef	eft Turn Night		Dry	Failed to	Yield ROW
15	12/16/2015	Wed	4:05 PM	0	0	\$1,400	Rea	ar End	Day	Dry	Carele	ess Driving
16	1/4/2016	Mon	10:44 AM	0	1	\$15,000	A	ngle	Day	Dry	Disregarded	Control Devices
17	1/15/2016	Fri	9:38 AM	0	0	\$15,000	A	ngle	Day	Wet	Disregarded	Control Devices
18	3/16/2016	Wed	7:46 AM	0	0	\$13,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
19	3/27/2016	Sun	3:42 AM	0	0	\$5,000	Off	Road	Night	Dry	Carele	ess Driving
20	4/5/2016	Tue	5:01 PM	0	0	\$300	Side	eswipe	Day	Dry	Improper	Lane change
21	5/22/2016	Sun	1:00 PM	0	0	\$8,000	A	ngle	Day	Dry	Disregarded	Control Devices
22	7/1/2016	Fri	6:30 PM	0	2	\$20,000	Rea	ar End	Day	Dry	Carele	ess Driving
23	9/12/2016	Mon	7:30 AM	0	2	\$10,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW
24	9/21/2016	Wed	9:35 AM	0	1	\$18,000	A	ngle	Day	Dry	Disregarded	Control Devices
TOTAL				0	15	\$ 269,700						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
24	0	10	14	2	0	6	13	1	1	1	0	0
PERCENT	0%	42%	58%	8%	0%	25%	54%	4%	4% Improper	4% Failed to	0% Disregarded	0%
Contrib. Cause	Day	Night				Exceeded Speed	DUI Driving Lane Yield		Yield	Control	Other	
TOTAL	21	3	WET 1	DRY 23	Unknown 0	0	0	3	Change 1	ROW 13	Devices 7	0
PERCENT	88%	13%	1 4%	96%	0%	0%	0%	13%	4%	54%	29%	0%
	88% les Entering/A		470	90%	0%	070	Collision		4 70	J4 %	23%	PER M.E.V.

				01-1-	of Elevide E		τ					Form 750-020-06 ENGINEERING	
				State		Department of SION SUMM		rtation				10/15	
						neral Information							
Roadway:	-		San Marco			-	Study Pe		1/1/1		-	2/31/17	
Sheet	-		SM	-1		<u>-</u>	Data by:			Peters and Yaffee, Inc 10/10/2019			
Milepost: County:	-		Duv	al		-	Date:			10/	0/10/2019		
No.	Date	Day	Time		erity Injury	Property Damage	Cras	sh Type	Day / Night	Wet / Dry	Contrib	uting Cause	
25	9/26/2016	Mon	8:00 AM	0	2	\$20,000	A	ngle	Day	Dry	Disregarded	Control Devices	
26	1/23/2017	Mon	7:10 AM	0	4	\$10,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW	
27	2/7/2017	Tue	3:32 PM	0	0	\$500	Side	eswipe	Day	Dry	Improper	Lane Change	
28	2/13/2017	Mon	2:00 PM	0	0	\$3,000	A	ngle	Day	Dry	Disregarded	Control Devices	
29	3/20/2017	Mon	2:20 PM	0	0	\$6,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW	
30	4/16/2017	Sun	2:00 AM	0	1	\$10,000	A	ngle	Night	Dry	Disregarded	Control Devices	
31	4/19/2017	Wed	4:05 PM	0	2	\$15,000	A	ngle	Day	Dry	Disregarded	Control Devices	
32	5/1/2017	Mon	6:20 PM	0	0	\$4,500	Lef	t Turn	Day	Dry	Failed to	Yield ROW	
33	7/17/2017	Mon	11:03 AM	0	1	\$21,700	Lef	t Turn	Day	Dry	Disregarded	Control Devices	
34	7/20/2017	Thu	7:24 AM	0	1	\$10,000	Lef	t Turn	Day Dry		Failed to Yield ROW		
35	7/20/2017	Thu	7:25 AM	0	0	\$200	Ba	icking	Day	Dry	Carele	ess Driving	
36	7/21/2017	Fri	5:30 AM	0	0	\$3,001	Side	eswipe	Night	Dry	Carele	ess Driving	
37	7/22/2017	Sat	12:55 AM	0	0	\$4,000	A	ngle	Night	Dry	Failed to	Yield ROW	
38	7/29/2017	Sat	4:23 PM	0	1	\$9,000	A	ngle	Day	Dry	Disregarded Control Devices		
39	8/28/2017	Mon	5:45 AM	0	0	\$7,000	A	ngle	Night	Wet	Failed to	Yield ROW	
40	9/19/2017	Tue	3:15 PM	0	1	\$1,600	Rea	ar End	Day	Dry	Carele	ess Driving	
41	9/21/2017	Thu	4:50 PM	0	0	\$3,000	A	ngle	Day	Dry	Failed to	Yield ROW	
42	10/2/2017	Mon	7:48 AM	0	0	\$6,000	A	ngle	Day	Dry	Disregarded	Control Devices	
43	10/19/2017	Thu	7:37 AM	0	0	\$4,800	A	ngle	Day	Wet	Failed to	Yield ROW	
44	10/20/2017	Fri	3:50 PM	0	0	\$17,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW	
45	11/13/2017	Mon	3:34 PM	0	0	\$1,200	Side	eswipe	Day	Dry	Improper	Lane change	
46	11/16/2017	Thu	2:55 PM	0	0	\$1,000	Side	eswipe	Day	Dry	Improper	Lane change	
47	11/17/2017	Fri	5:02 PM	0	0	\$10,000	Lef	t Turn	Day	Dry	Failed to	Yield ROW	
48	11/29/2017	Wed	5:58 PM	0	0	\$1,000	A	ngle	Night	Dry	Disregarded	Control Devices	
TOTAL				0	13	\$ 169,501							
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other	
24	0	8	16	1	0	11	7	0	4	0	0	1	
PERCENT	0%	33%	67%	4%	0%	46%	29%	0%	17%	0% Failed to	0% Disregarded	4%	
Contrib. Cause	Day	Night	PAVEM WET	ENT CONDI DRY	TIONS Unknown	Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Yield ROW	Control Devices	Other	
TOTAL	19	5	2	22	0	0	0	3	3	10	8	0	
PERCENT	79%	21%	8%	92%	0%	0%	0%	13%	13%	42%	33%	0%	
Total Vehic	les Entering/A	NDT:					Collisior	n Rate:				PER M.E.V.	

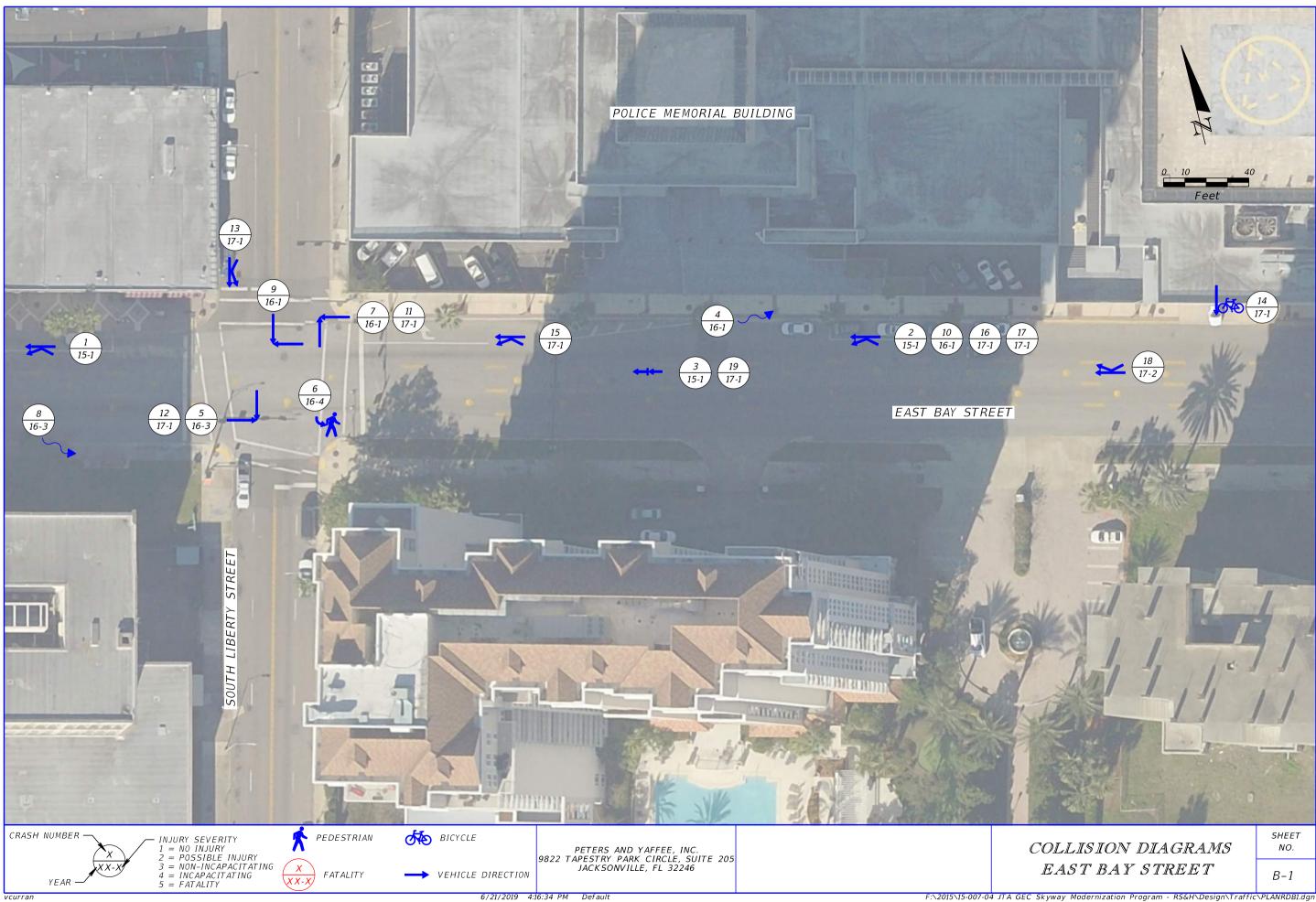
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Roadway:			San Marco			-	Study Pe					2/31/17
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Milepost:						_	Date:			10/	10/2019	
County:			Duv									
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	sh Type	Day / Night	Wet / Dry	Contrib	uting Cause
49	11/30/2017	Thu	1:39 PM	0	0	\$6,000	A	ngle	Day	Dry	Failed to	Yield ROW
50	12/13/2017	Wed	5:22 PM	0	0	\$10,000	A	ngle	Night	Dry	Disregarded	Control Devices
TOTAL				0	0	\$ 16,000						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
2	0	0	2	0	0	2	0	0	0	0	0	0
PERCENT	0%	0%	100%	0%	0%	100%	0%	0%	0% Improper	0% Failed to	0% Disregarded	0%
Contrib. Cause	Day	Night	WET	ENT CONDI DRY	Unknown	Exceeded Speed	DUI	Careless Driving	Lane Change	Yield ROW	Control Devices	Other
TOTAL	1	1	0	2	0	0	0	0	0	1	1	0
PERCENT	50% les Entering/A	50%	0%	100%	0%	0%	0% Collisior	0% Rate	0%	50%	50%	0% PER M.E.V.

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Roadway:	-		San Marco I			-	Study Pe	eriod:	1/1/1			
Sheet	-		SM	-2		-	Data by:			Peters and Yaffee, Inc 10/10/2019		
Milepost: County:	-		Duv	al		-	Date:			10/	10/2019	
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	sh Type	Day / Night	Wet / Dry	Contrib	uting Cause
1	1/11/2015	Sun	1:50 AM	0	3	\$6,000	Off	Road	Night	Dry	Carele	ess Driving
2	3/11/2015	Wed	9:45 PM	0	0	\$1,000	Side	eswipe	Night	Wet	Improper	Lane Change
3	5/12/2015	Tue	1:15 PM	0	0	\$1,100	Bi	cycle	Day	Dry	Carele	ess Driving
4	5/12/2015	Tue	11:40 AM	0	0	\$1,000	Righ	ht Turn	Day	Dry	Failed to	Yield ROW
5	10/27/2015	Tue	3:12 PM	0	0	\$2,000	Rea	ar End	Day	Wet	Carele	ess Driving
6	12/5/2015	Sat	12:30 AM	0	0	\$8,000	Off	Road	Night	Dry	Carele	ess Driving
7	2/18/2016	Thu	11:22 PM	0	0	\$12,000	A	ngle	Night	Dry	Failed to	Yield ROW
8	4/27/2016	Wed	4:45 PM	0	0	\$12,000	A	ngle	Day	Dry	Failed to	Yield ROW
9	6/2/2016	Thu	7:10 AM	0	0	\$2,000	Rea	ar End	Day	Dry	Carele	ess Driving
10	6/17/2016	Fri	11:59 AM	0	0	\$4,050	Off	Road	Day	Dry	Careless Driving	
11	7/8/2016	Fri	11:23 PM	0	1	\$16,000	Lef	t Turn	Night	Dry	Dry Failed to Yie	
12	11/16/2016	Wed	10:40 AM	0	0	\$2,000	Righ	ht Turn	Day	Dry	Failed to	Yield ROW
13	2/4/2017	Sat	1:25 AM	0	1	\$10,000	A	ngle	Night	Dry	Failed to	Yield ROW
14	4/1/2017	Sat	2:26 AM	0	0	\$6,000	A	ngle	Night	Dry	Failed to	Yield ROW
15	4/8/2017	Sat	2:30 AM	0	0	\$3,500	A	ngle	Night	Dry	Failed to	Yield ROW
16	5/9/2017	Tue	5:56 PM	0	1	\$0	Ped	estrian	Day	Dry	Failed to	Yield ROW
17	5/10/2017	Wed	7:14 PM	0	0	\$2,000	Side	eswipe	Day	Dry	Improper	Lane Change
18	6/10/2017	Sat	12:13 AM	0	1	\$6,000	Rea	ar End	Night	Dry	Carele	ess Driving
19	6/30/2017	Fri	10:59 AM	0	0	\$22,000	A	ngle	Day	Dry	Failed to	Yield ROW
20	9/22/2017	Fri	12:40 AM	0	4	\$20,000	A	ngle	Night	Dry	Failed to	Yield ROW
21	10/15/2017	Sun	11:20 PM	0	0	\$8,500	A	ngle	Night	Dry	Failed to	Yield ROW
TOTAL				0	11	\$ 145,150						
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
21	0	6	15	3	0	8	1	2	2	3	2	0
PERCENT	0%	29%	71%	14%	0%	38%	5%	10%	10%	14% Failed to	10% Disregarded	0%
Contrib. Cause	Day	Night	PAVEM WET	ENT CONDI DRY	TIONS Unknown	Exceeded Speed	DUI	Careless Driving	Improper Lane	Failed to Yield	Disregarded Control	Other
TOTAL	10	11	2	19	0	0	0	7	Change 2	ROW 12	Devices 0	0
PERCENT	48% les Entering/A	52%	10%	90%	0%	0%	0% Collision	33%	10%	57%	0%	0% PER M.E

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County:		Duval		-			Date:				/10/2019	
No.	Date	Day	Time	Sev Fatal	erity Injury	Property Damage	Cras	h Type	Day / Night	Wet / Dry	Contrib	uting Cause
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TOTAL					200	¢0.474.500						
TOTAL				0	206	\$2,474,522		I				
Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left	Right	Sideswipe	Off	Bicycle /	Other
							Turn	Turn		Road	Pedestrian	
432	0	148	284	136	0	87	54	11	78	31	28	7
PERCENT	0%	34%	66%	31%	0%	20%	13%	3%	18% Improper	7% Failed to	6% Disregarded	2%
Contrib.	Day	Night		ENT COND		Exceeded	DUI	Careless	Lane	Yield	Control	Other
Cause			WET	DRY	Unknown	Speed		Driving	Change	ROW	Devices	
TOTAL	313	119	40	391	1	1	10	164	43	101	74	39
PERCENT	72%	28%	9%	91%	0%	0%	2%	38%	10%	23%	17%	9%
i otal Vehicl	es Entering/	ADT:					Collisior	i Kate:				PER M.E.V.

## **APPENDIX B**

**Collision Diagrams** 



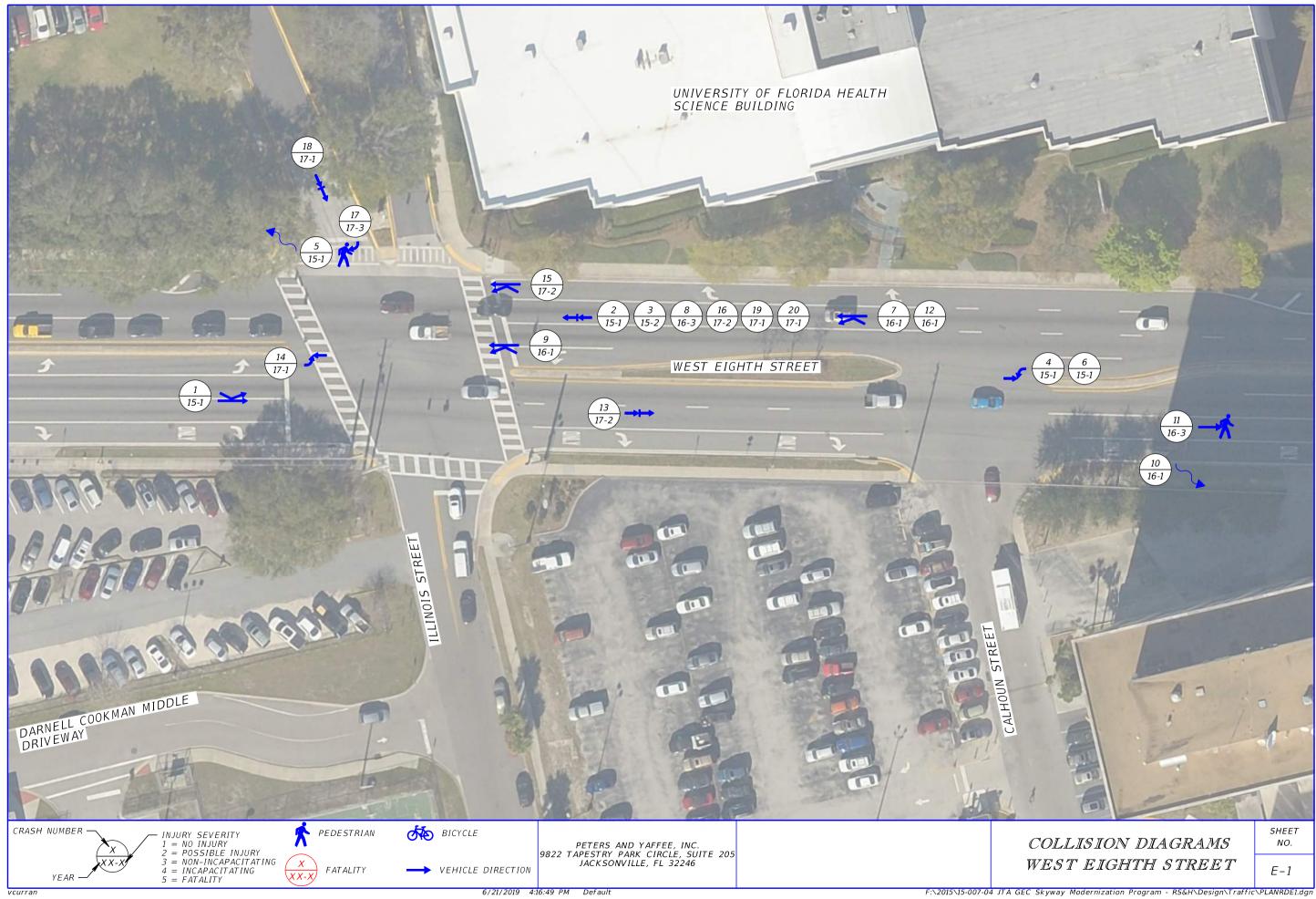
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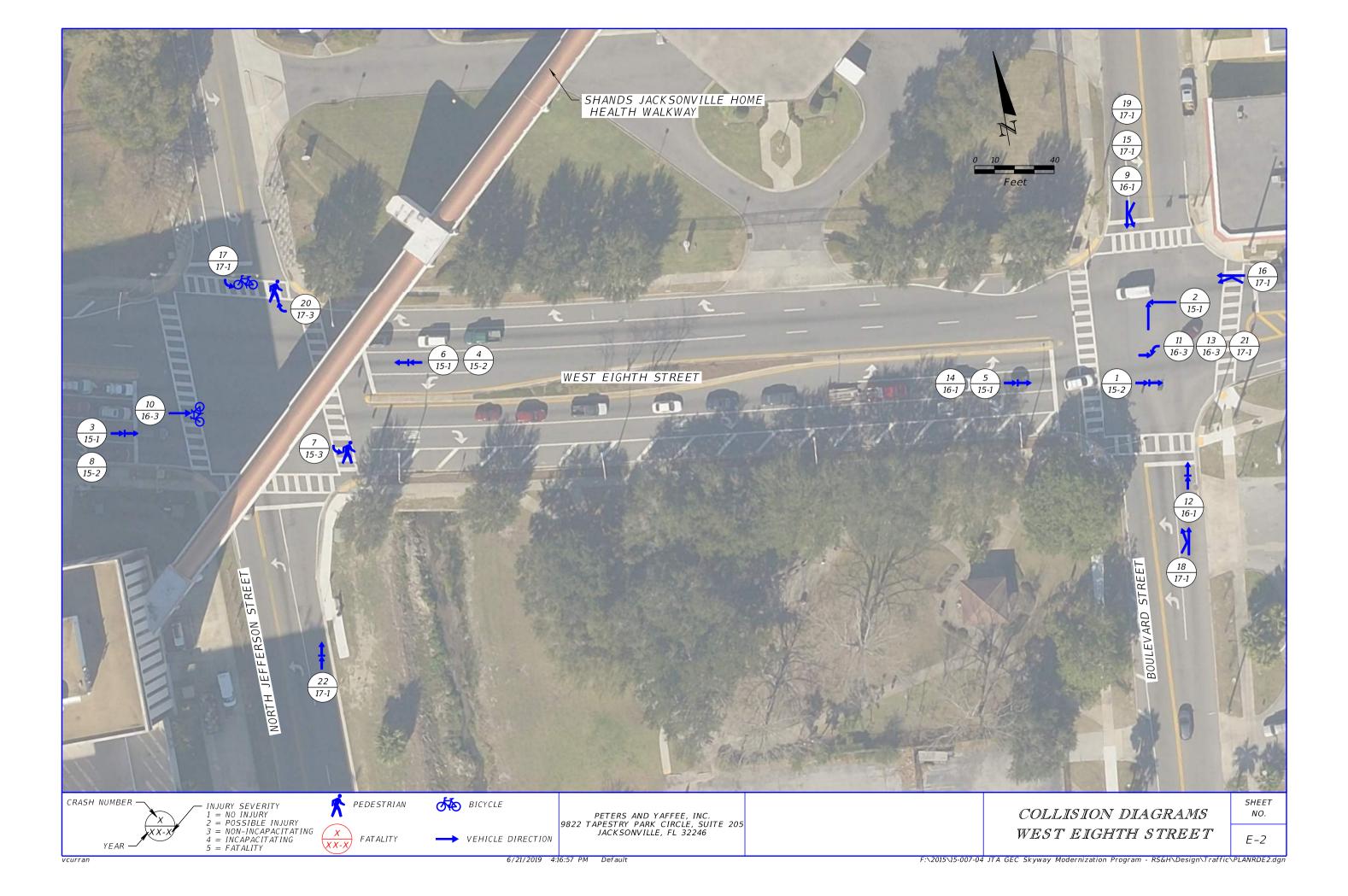
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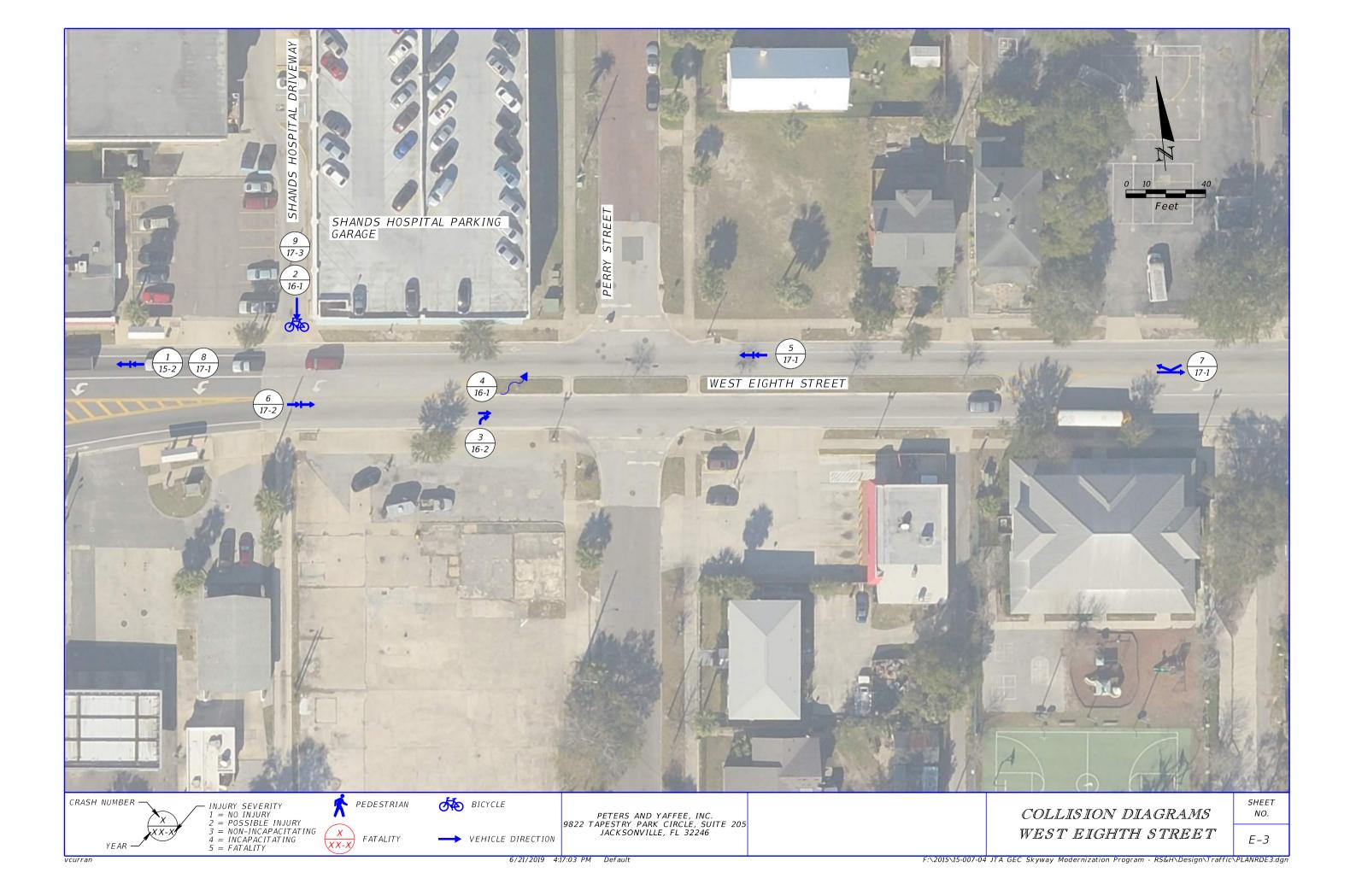


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COLLISION DIAGRAMS EAST BAY STREET	sheet no. B-2

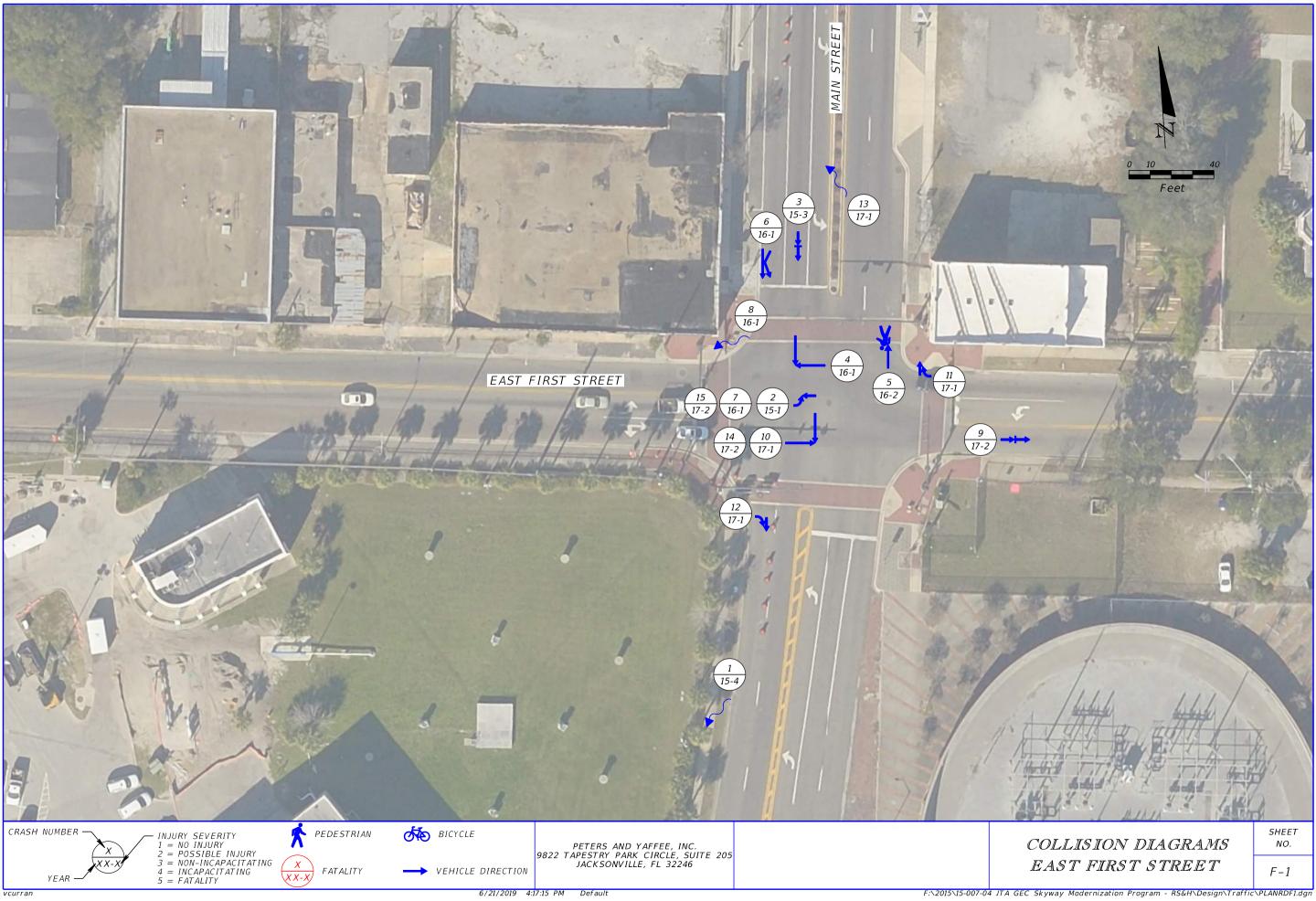
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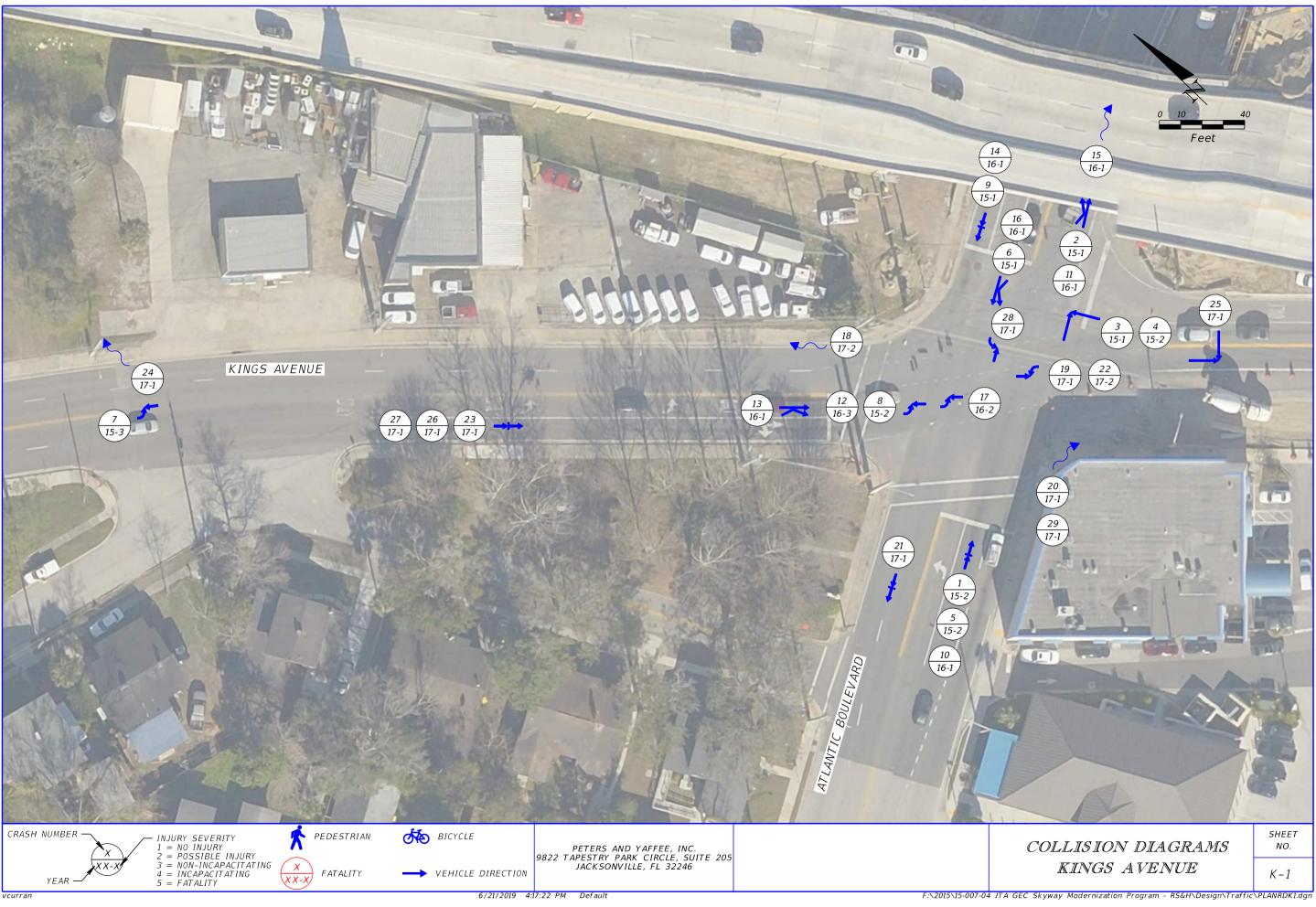


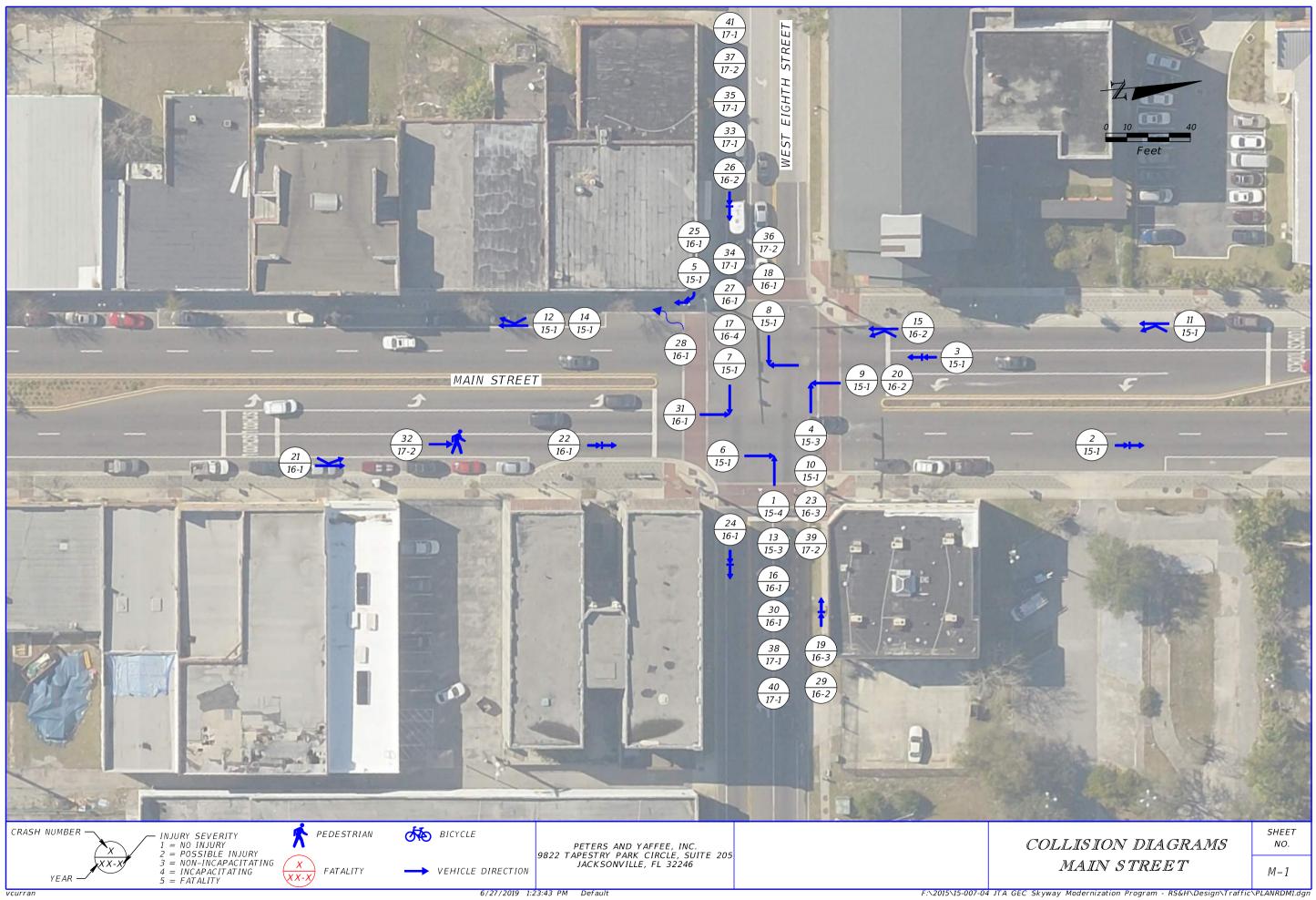




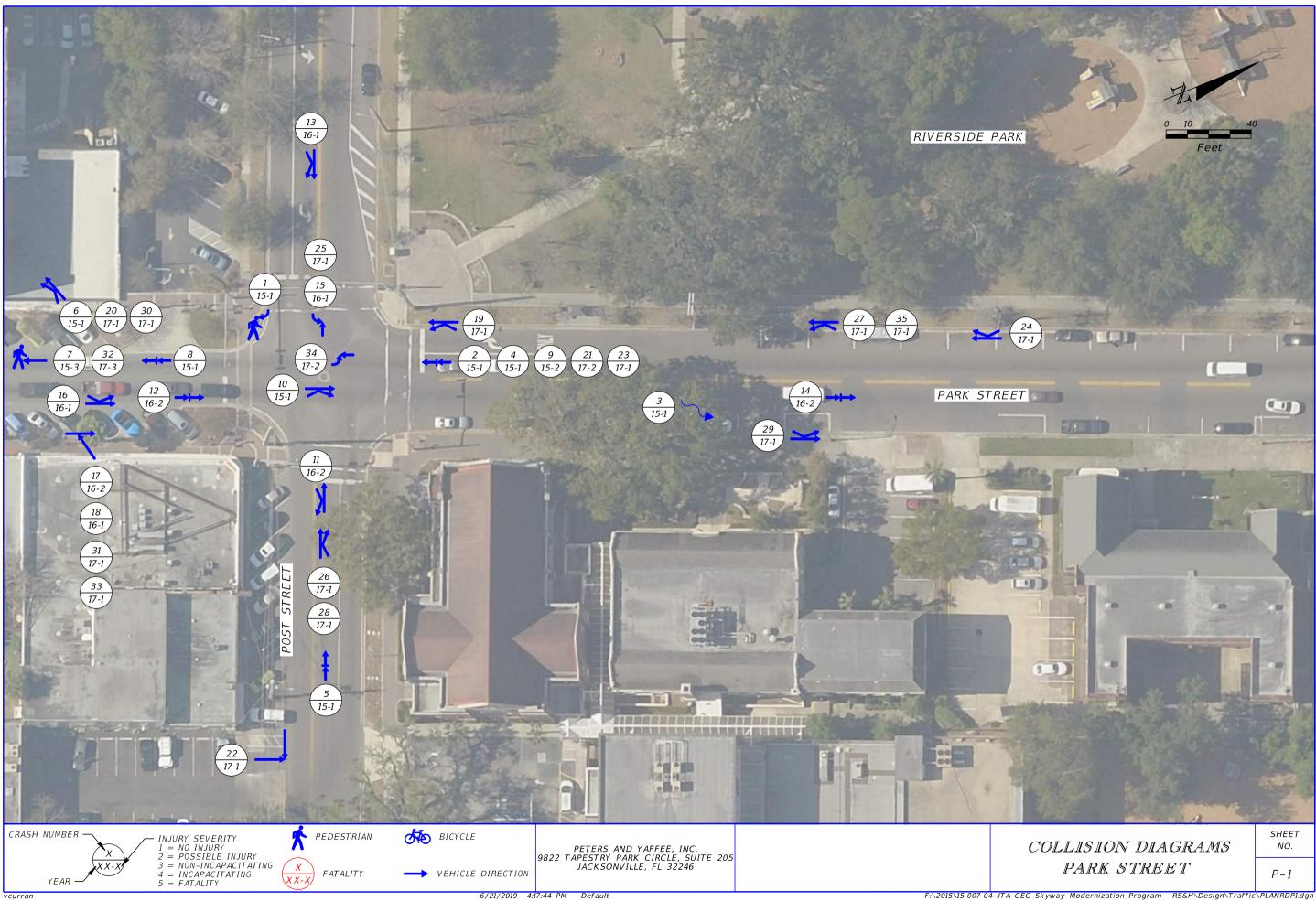


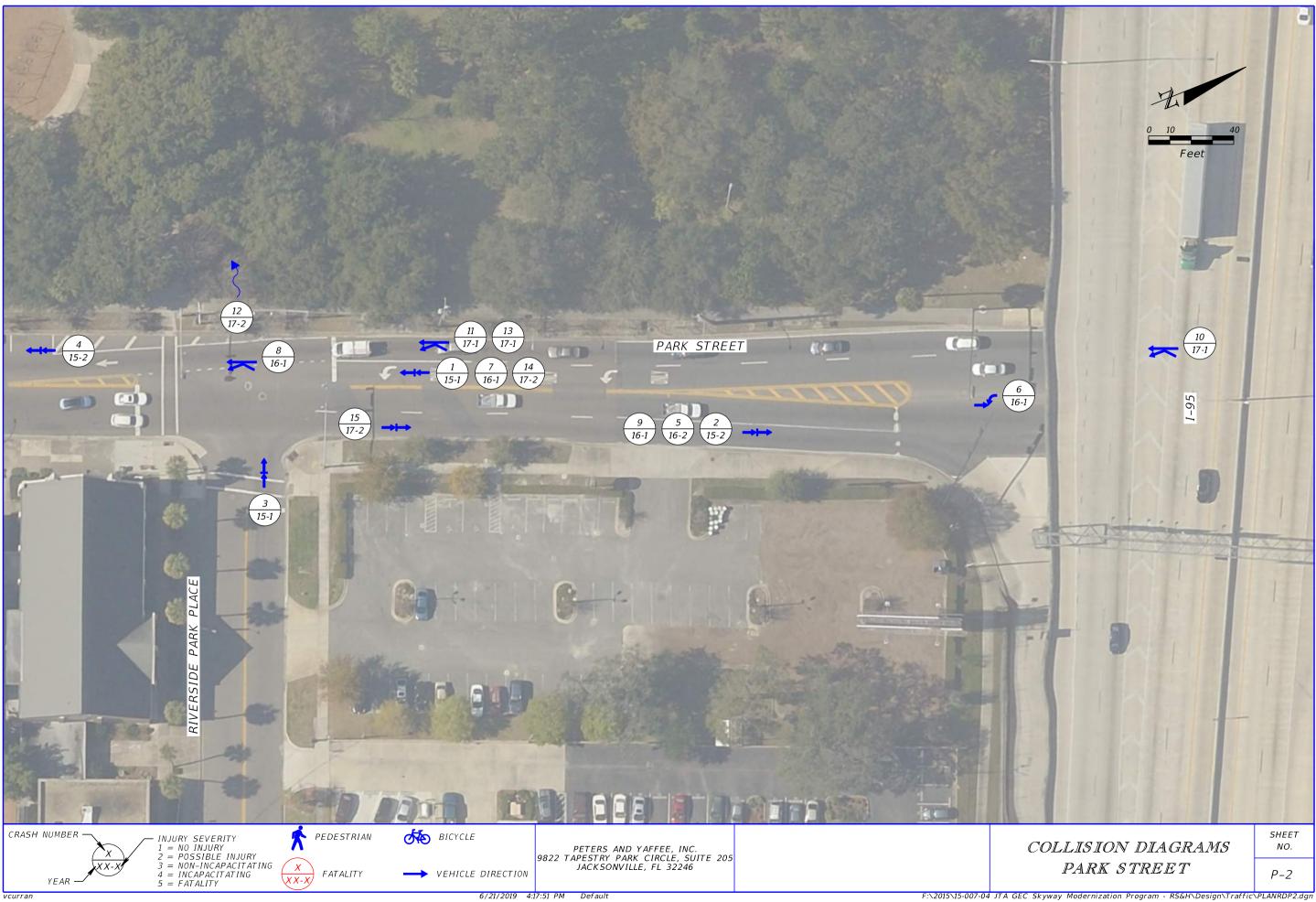


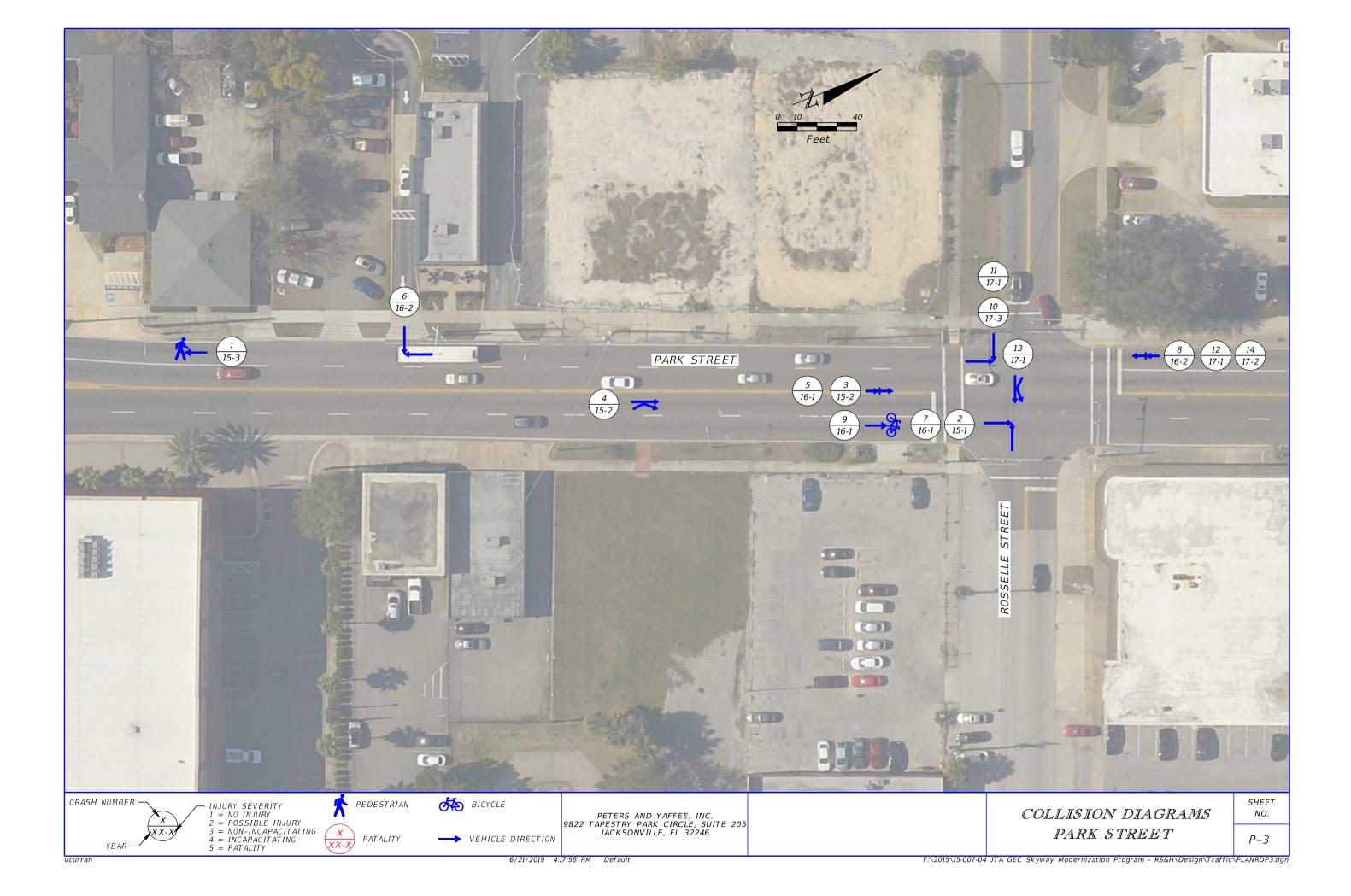


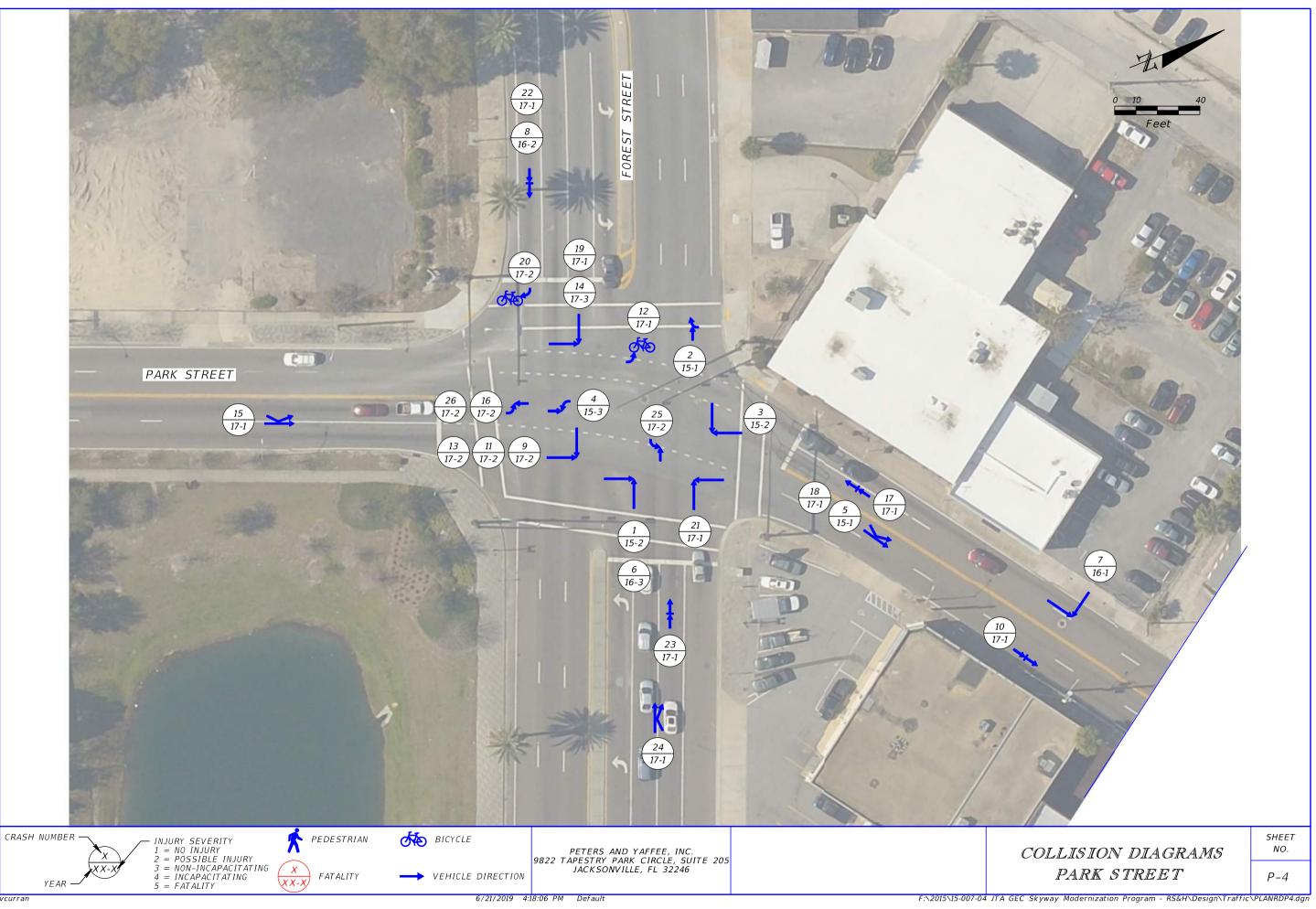


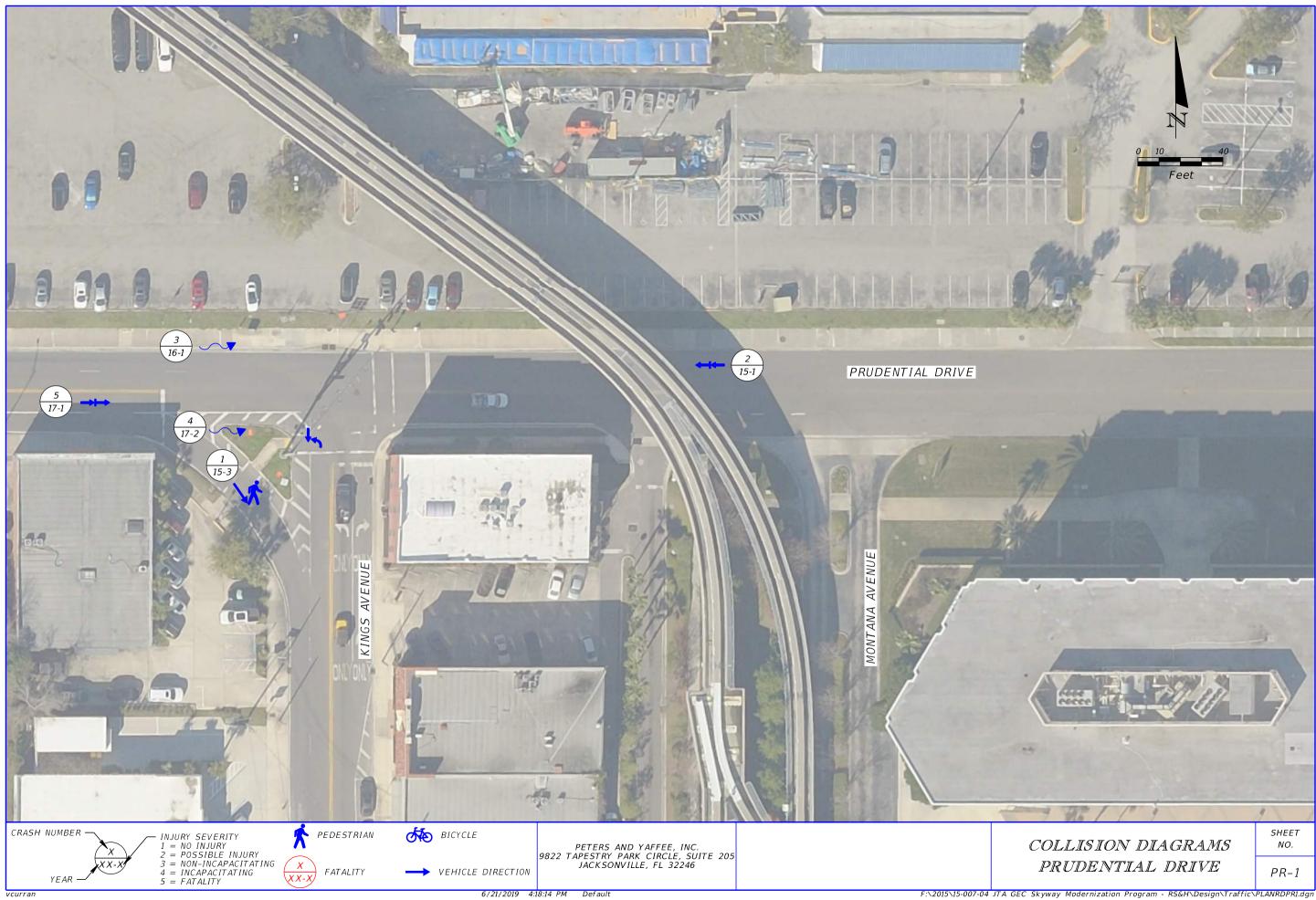




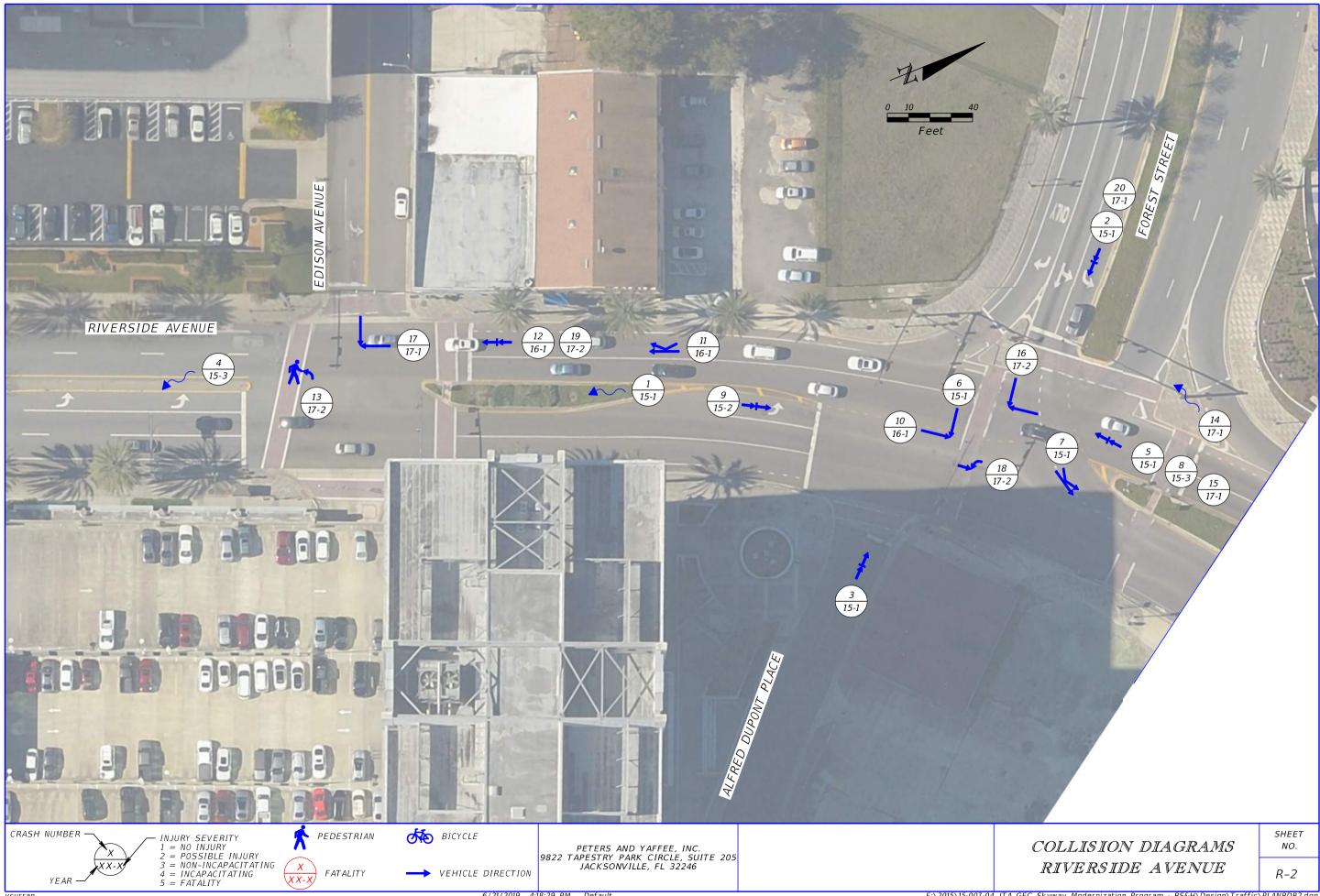






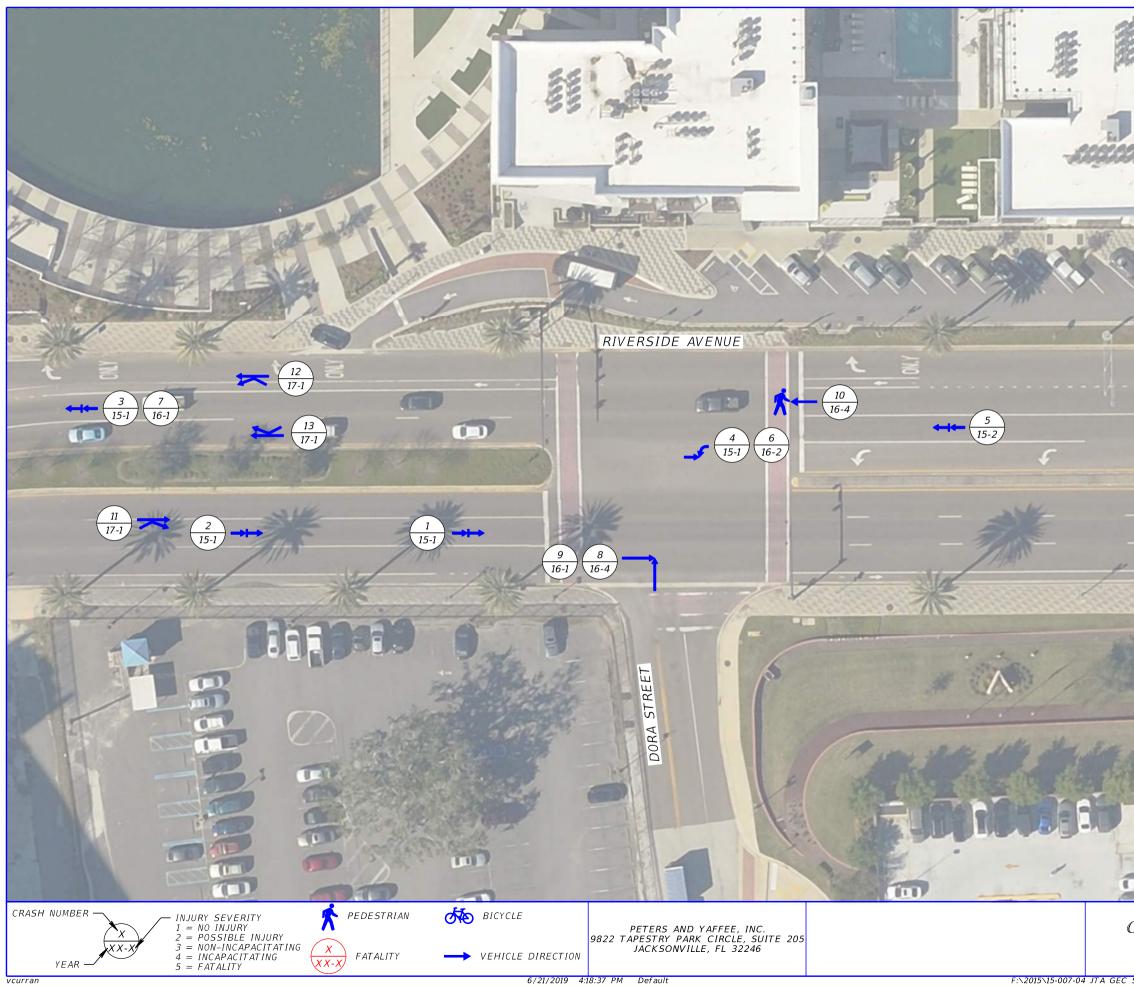






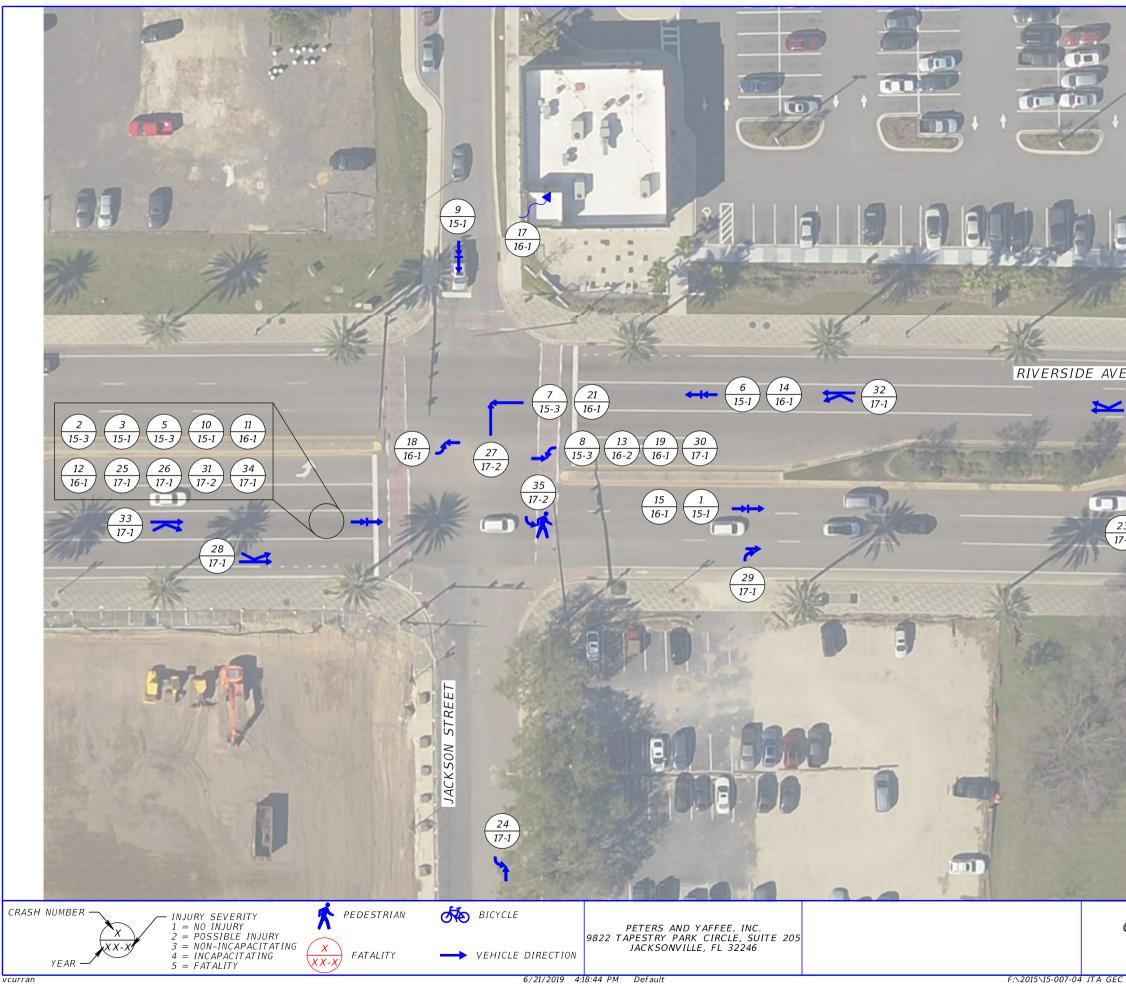
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COLLISION DIAGRAMS RIVERSIDE AVENUE	sheet no. R-3

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