



Appendix D

Safety and Crashes Technical Memo



Technical Memorandum

To: Cheryl Freeman, PE (RS&H), Thomas McVey, PE (RS&H)

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:

Table 1 - Project Corridors Studied

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

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.

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

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

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

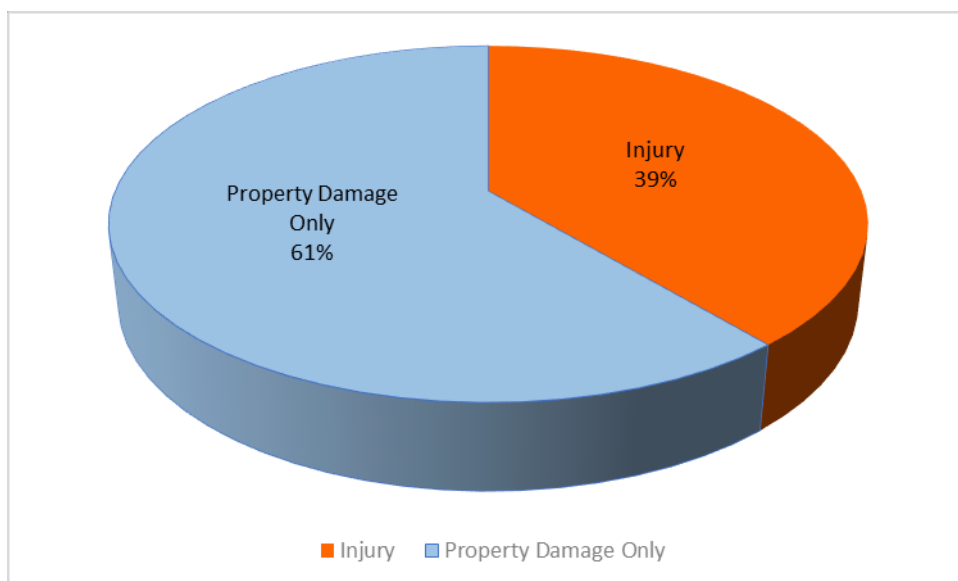
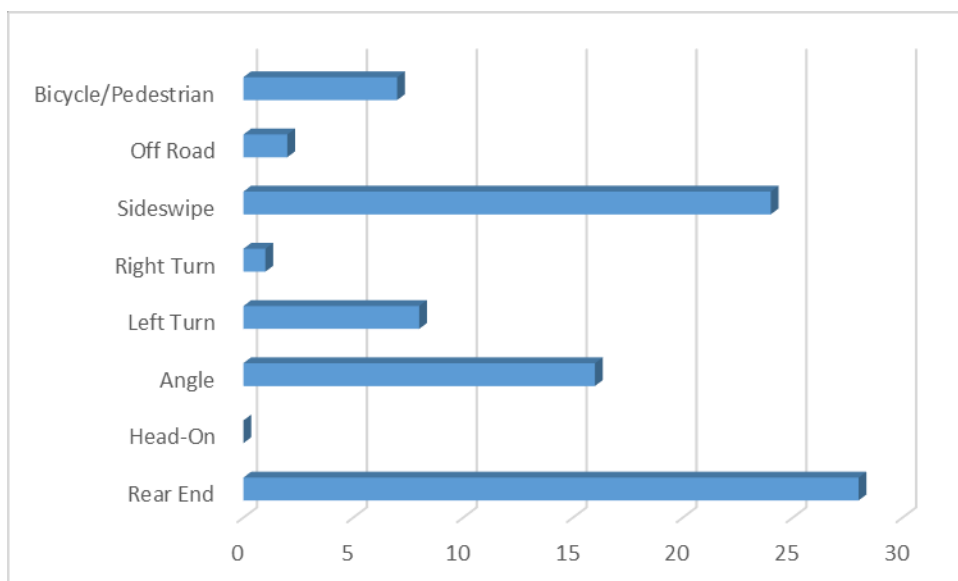


Chart 2 – Crash Types On Park Street



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

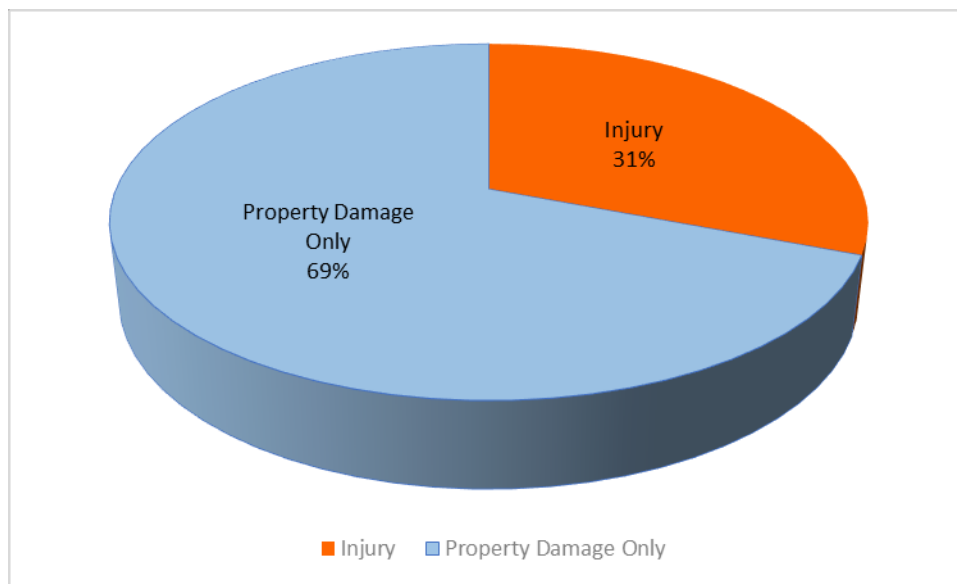
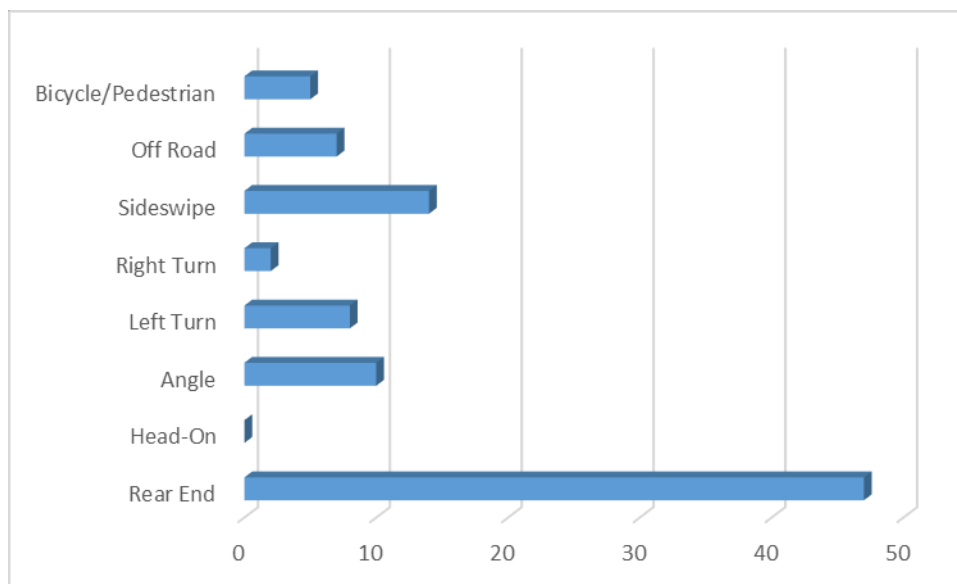


Chart 4 – Crash Types On Riverside Avenue



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

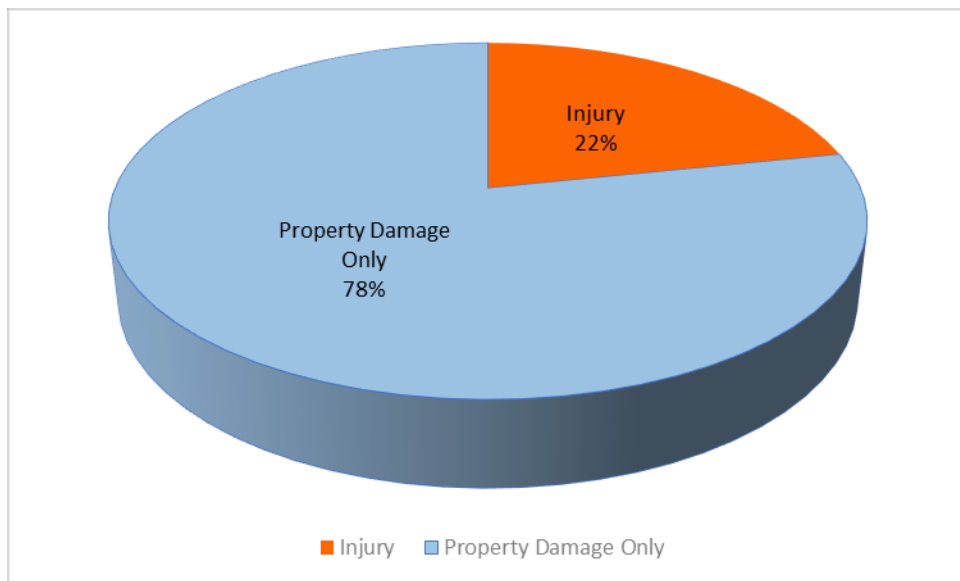
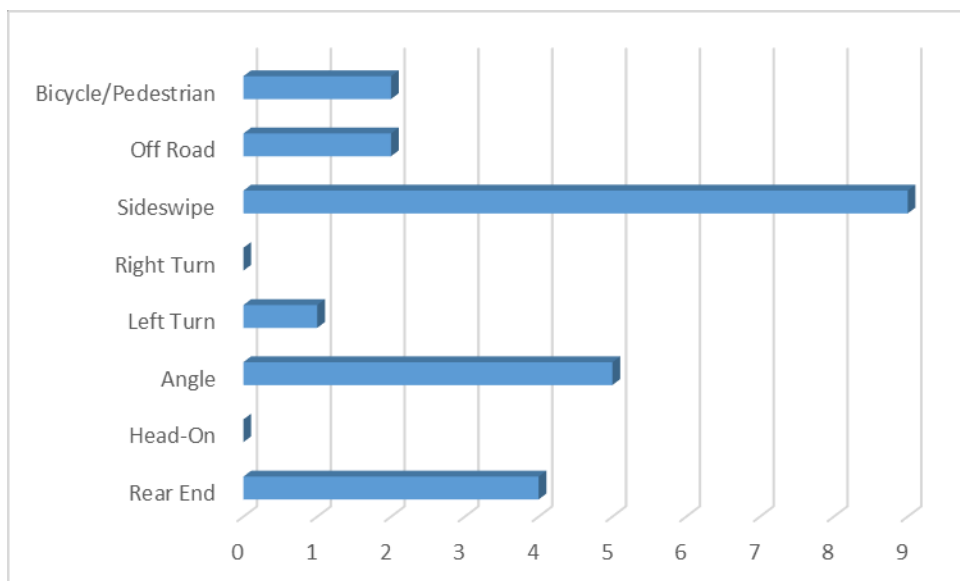


Chart 6 – Crash Types On East Bay Street



West 8th Street

The Hotspot Areas on West 8th 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

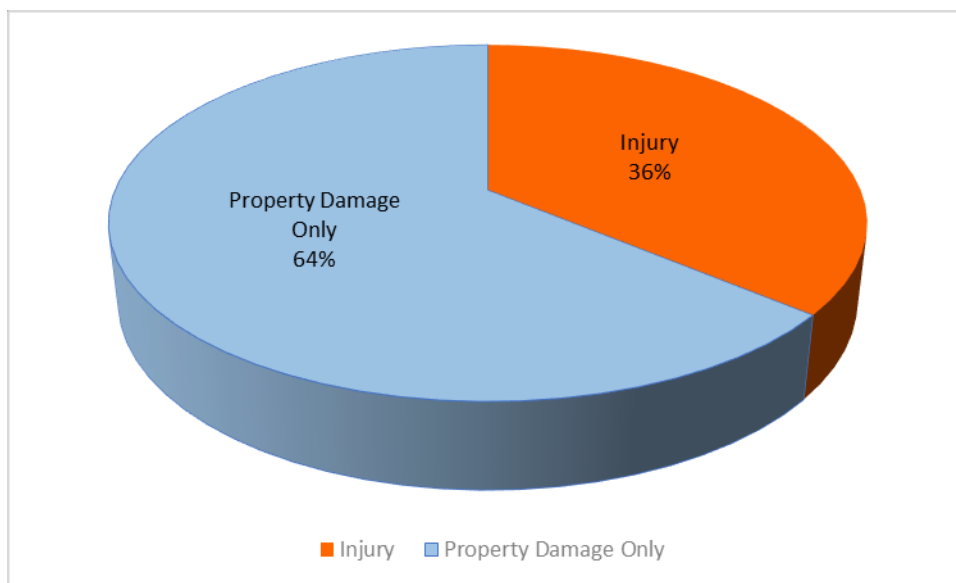
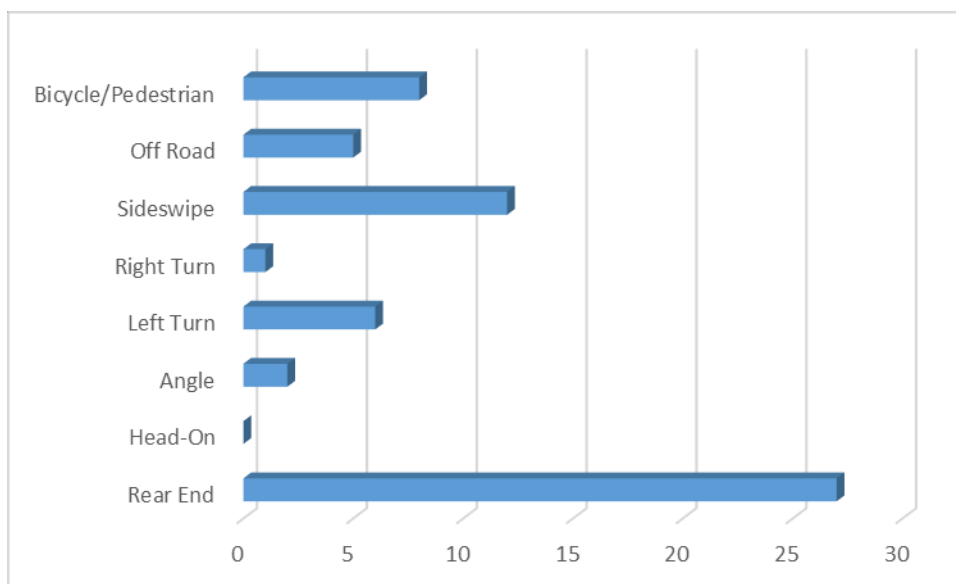


Chart 8 – Crash Types On West 8th Street



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

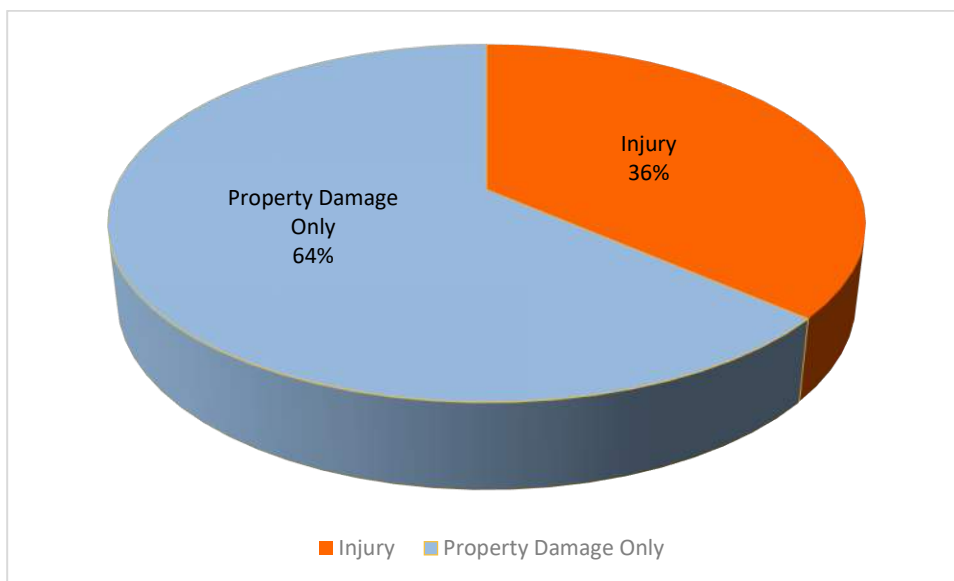
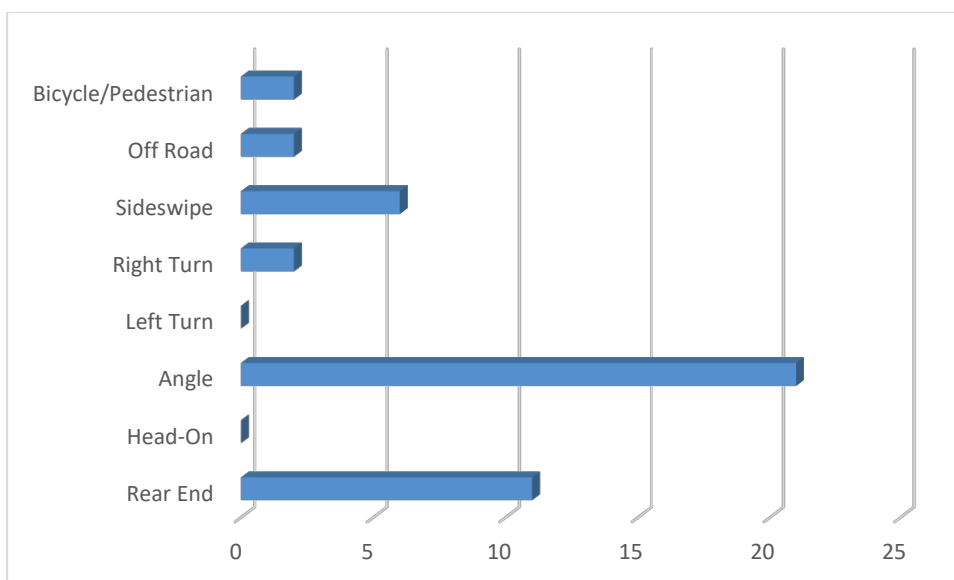


Chart 10 – Crash Types On Main Street



East 1st 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 1st Street

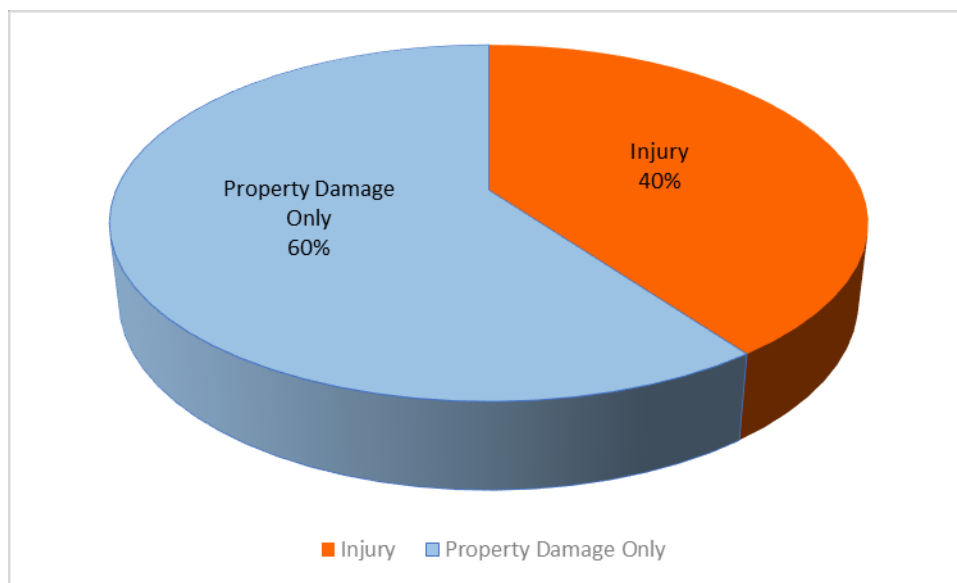
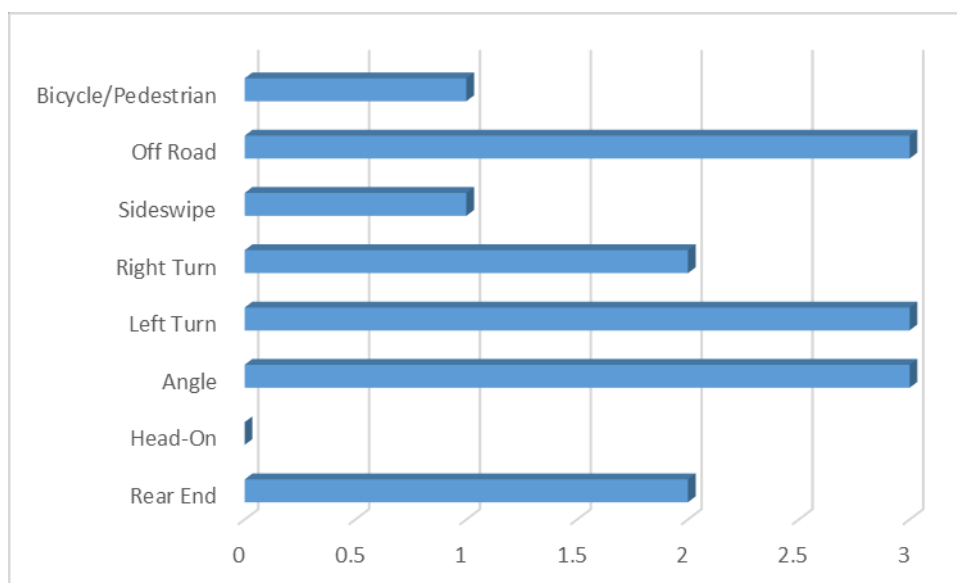


Chart 12 – Crash Types On East 1st Street



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

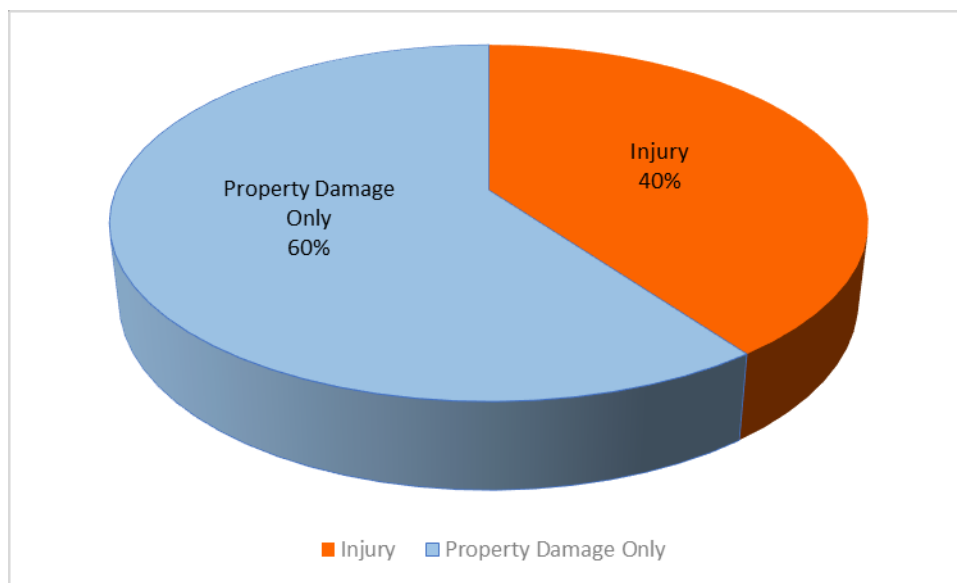
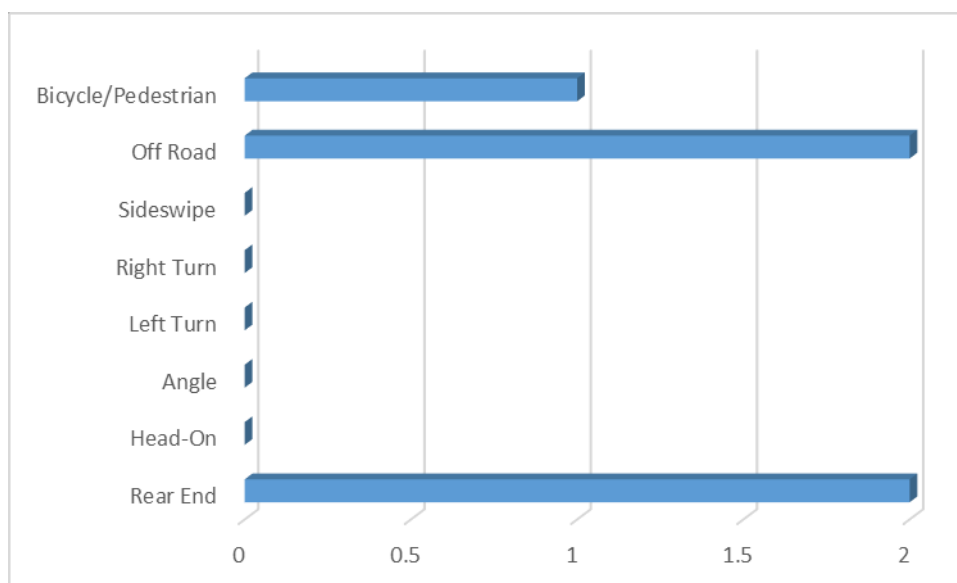


Chart 14 – Crash Types On Prudential Drive



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

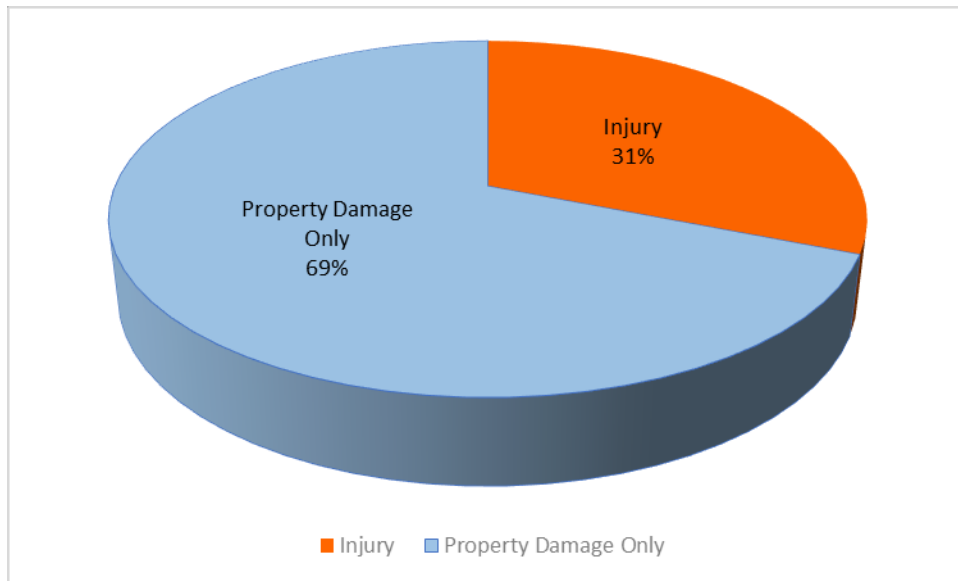
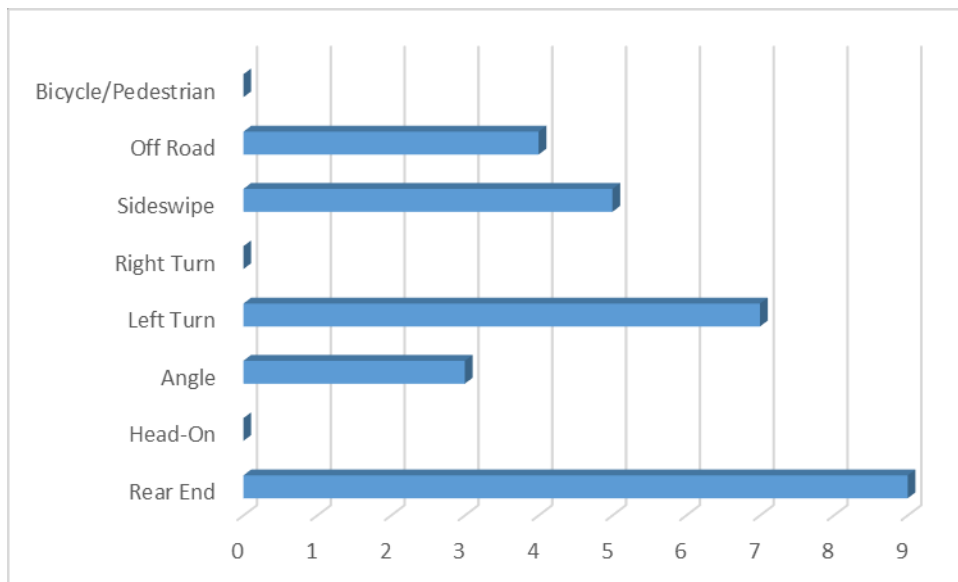


Chart 16 – Crash Types On Kings Avenue



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

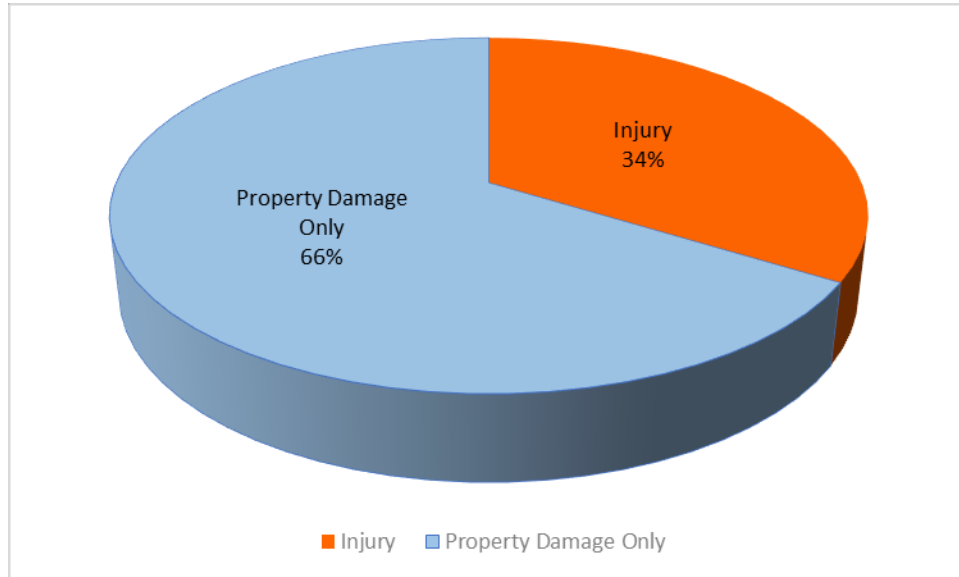
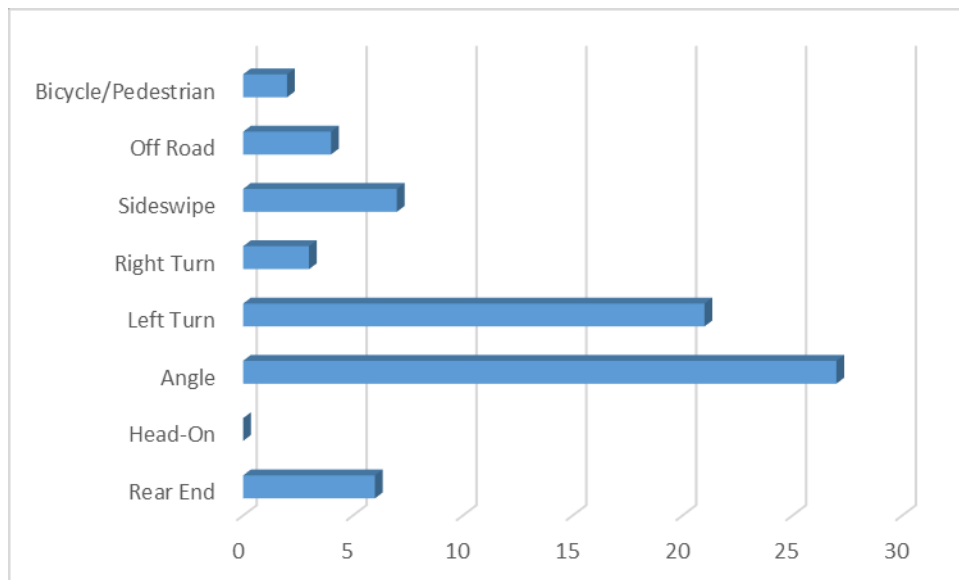


Chart 18 – Crash Types On San Marco Boulevard



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

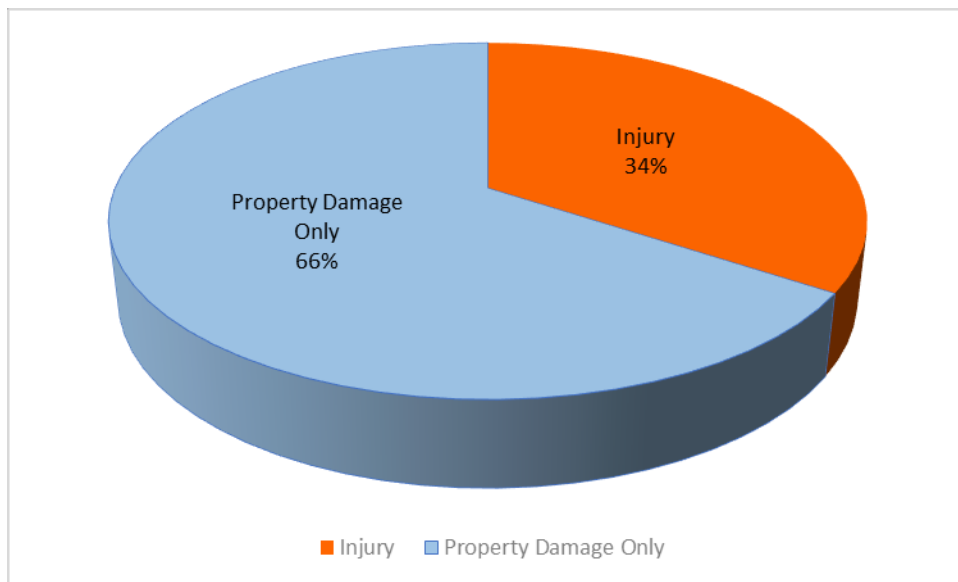
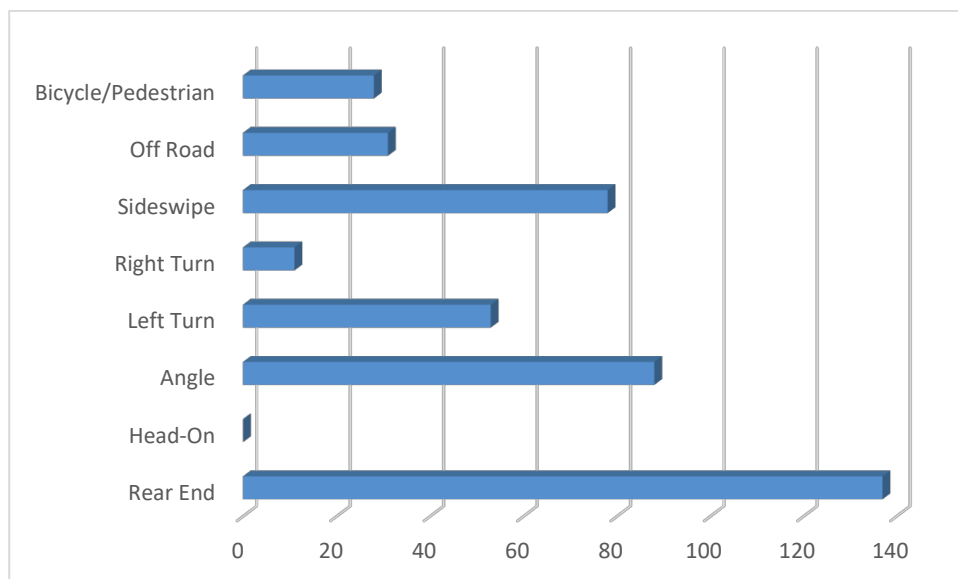


Chart 20 – Crash Types for All Corridors



APPENDIX A

Collision Summaries

State of Florida Department of Transportation
COLLISION SUMMARY

General Information

Roadway:	Park Street	Study Period:	1/1/15 To: 12/31/17
Sheet:	P-1	Data by:	Peters and Yaffee, Inc
Milepost:		Date:	7/5/2019
County:	Duval		

No.	Date	Day	Time	Severity		Property Damage	Crash Type	Day / Night	Wet / Dry	Contributing Cause
				Fatal	Injury					
1	2/10/2015	Tue	7:00 PM	0	0	\$250	Pedestrian	Night	Dry	Failed to Yield ROW
2	3/8/2015	Sun	12:18 AM	0	0	\$1,000	Rear End	Night	Dry	Careless Driving
3	6/6/2015	Sat	12:00 AM	0	0	\$2,000	Off Road	Night	Dry	Careless Driving
4	6/19/2015	Fri	2:15 PM	0	0	\$6,000	Rear End	Day	Dry	Careless Driving
5	7/21/2015	Tue	5:35 PM	0	0	\$1,200	Rear End	Night	Wet	Careless Driving
6	8/13/2015	Thu	9:45 AM	0	0	\$500	Sideswipe	Day	Dry	Careless Driving
7	9/21/2015	Mon	10:45 AM	0	1	\$0	Pedestrian	Day	Dry	Failed to Yield ROW
8	10/17/2015	Sat	2:58 PM	0	0	\$4,700	Rear End	Day	Dry	Careless Driving
9	11/5/2015	Thu	2:05 PM	0	2	\$9,000	Rear End	Day	Dry	Careless Driving
10	11/24/2015	Tue	12:57 PM	0	0	\$210	Sideswipe	Day	Dry	Failed to Yield ROW
11	3/2/2016	Wed	12:00 PM	0	1	\$15,200	Sideswipe	Day	Dry	Medical
12	4/2/2016	Sat	12:00 AM	0	1	\$0	Rear End	Night	Dry	Careless Driving
13	8/13/2016	Sat	6:40 PM	0	0	\$600	Sideswipe	Day	Dry	Improper Lane Change
14	8/17/2016	Wed	4:45 PM	0	1	\$800	Rear End	Day	Dry	Careless Driving
15	8/29/2016	Mon	8:54 AM	0	0	\$10,000	Left Turn	Day	Dry	Failed to Yield ROW
16	9/20/2016	Tue	7:30 AM	0	0	\$1,000	Sideswipe	Day	Dry	Careless Driving
17	9/29/2016	Thu	9:39 AM	0	1	\$600	Backed Into	Day	Dry	Failed to Yield ROW
18	12/12/2016	Mon	4:55 PM	0	0	\$4,000	Backed Into	Day	Dry	Failed to Yield ROW
19	1/14/2017	Sat	1:15 PM	0	0	\$1,000	Sideswipe	Day	Dry	Improper Lane Change
20	1/16/2017	Mon	1:51 AM	0	0	\$2,000	Sideswipe	Night	Dry	Careless Driving
21	1/26/2017	Thu	8:32 PM	0	2	\$10,500	Rear End	Night	Dry	Careless Driving
22	2/17/2017	Fri	10:59 PM	0	0	\$2,000	Angle	Night	Dry	Failed to Yield ROW
23	4/18/2017	Tue	4:15 PM	0	0	\$600	Rear End	Day	Dry	Careless Driving
24	5/6/2017	Sat	7:20 PM	0	0	\$18,000	Sideswipe	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	PAVEMENT CONDITIONS			Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Failed to Yield ROW	Disregarded Control Devices	Other
			WET	DRY	Unknown							
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 Vehicles Entering/ADT: _____ Collision Rate: _____ PER M.E.V.

State of Florida Department of Transportation
COLLISION SUMMARY

General Information

Roadway:	Park Street	Study Period:	1/1/15	To:	12/31/17
Sheet:	P-4	Data by:	Peters and Yaffee, Inc		
Milepost:		Date:	7/5/2019		
County:	Duval				

No.	Date	Day	Time	Severity		Property Damage	Crash Type	Day / Night	Wet / Dry	Contributing Cause		
				Fatal	Injury							
1	5/21/2015	Thu	6:10 PM	0	1	\$12,500	Angle	Day	Dry	Disregarded Control Devices		
2	6/7/2015	Sun	4:00 PM	0	0	\$10,000	Right Turn	Day	Dry	Disregarded Control Devices		
3	6/24/2015	Wed	4:05 PM	0	1	\$12,500	Angle	Day	Dry	Disregarded Control Devices		
4	7/30/2015	Thu	10:00 PM	0	1	\$10,000	Left Turn	Night	Dry	Failed to Yield ROW		
5	8/20/2015	Thu	1:14 PM	0	0	\$2,800	Sideswipe	Day	Dry	Improper Lane Change		
6	1/31/2016	Sun	9:48 AM	0	1	\$2,500	Angle	Day	Dry	Disregarded Control Devices		
7	11/4/2016	Fri	12:25 PM	0	0	\$4,000	Angle	Day	Dry	Failed to Yield ROW		
8	12/20/2016	Tue	6:49 AM	0	1	\$400	Rear End	Day	Wet	Careless Driving		
9	1/5/2017	Thu	4:12 PM	0	2	\$5,500	Angle	Day	Dry	Disregarded Control Devices		
10	4/18/2017	Tue	5:39 PM	0	0	\$1,000	Rear End	Day	Dry	Careless Driving		
11	5/3/2017	Wed	7:45 AM	0	1	\$20,000	Angle	Day	Dry	Disregarded Control Devices		
12	5/6/2017	Sat	7:25 PM	0	0	\$500	Bicycle	Day	Dry	Bicyclist Disregarded Control Devices		
13	5/16/2017	Tue	5:50 AM	0	1	\$8,000	Angle	Night	Dry	Disregarded Control Devices		
14	5/26/2017	Fri	12:00 PM	0	1	\$1,000	Angle	Day	Dry	Disregarded Control Devices		
15	7/15/2017	Sat	7:30 AM	0	0	\$5,000	Sideswipe	Day	Dry	Improper Lane Change		
16	7/25/2017	Tue	4:25 PM	0	1	\$5,000	Left Turn	Day	Dry	Disregarded Control Devices		
17	7/27/2017	Thu	2:12 PM	0	0	\$2,000	Rear End	Day	Dry	Careless Driving		
18	8/19/2017	Sat	9:25 PM	0	0	\$5,000	Sideswipe	Night	Dry	Improper Lane Change		
19	8/24/2017	Thu	8:24 AM	0	0	\$10,000	Angle	Day	Dry	Disregarded Control Devices		
20	9/28/2017	Thu	12:30 PM	0	1	\$85	Bicycle	Day	Dry	Failed to Yield ROW		
21	10/1/2017	Sun	3:00 PM	0	0	\$3,500	Angle	Day	Wet	Failed to Yield ROW		
22	11/3/2017	Fri	8:40 AM	0	0	\$1,150	Rear End	Day	Dry	Careless Driving		
23	11/20/2017	Mon	3:53 PM	0	0	\$6,000	Rear End	Day	Dry	Careless Driving		
24	12/5/2017	Tue	6:08 PM	0	0	\$8,000	Sideswipe	Night	Dry	Improper Lane Change		
TOTAL				0	12	\$ 136,435						

Total No.	Fatal	Injury	PDO	Rear End	Head-on	Angle	Left Turn	Right Turn	Sideswipe	Off Road	Bicycle / Pedestrian	Other
24	0	11	13	5	0	10	2	1	4	0	2	0
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
			WET	DRY	Unknown							
TOTAL	20	4	2	22	0	0	0	5	4	4	10	1
PERCENT	83%	17%	8%	92%	0%	0%	0%	21%	17%	17%	42%	4%

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

State of Florida Department of Transportation

COLLISION SUMMARY

General Information

Roadway:	Riverside Avenue	Study Period:	1/1/15 To: 12/31/17
Sheet:	R-4	Data by:	Peters and Yaffee, Inc
Milepost:		Date:	7/5/2019
County:	Duval		

No.	Date	Day	Time	Severity		Property Damage	Crash Type	Day / Night	Wet / Dry	Contributing Cause		
				Fatal	Injury							
1	1/20/2015	Tue	3:45 PM	0	0	\$11,000	Rear End	Day	Dry	Careless Driving		
2	2/4/2015	Wed	4:45 PM	0	3	\$9,000	Rear End	Day	Wet	Pavement Conditions		
3	2/20/2015	Fri	5:20 PM	0	0	\$15,000	Rear End	Night	Dry	Careless Driving		
4	3/16/2015	Mon	8:10 AM	0	0	\$1,600	Rear End	Day	Dry	Careless Driving		
5	6/18/2015	Thu	5:00 PM	0	1	\$10,000	Rear End	Day	Dry	Careless Driving		
6	9/10/2015	Thu	5:50 PM	0	0	\$18,000	Rear End	Day	Dry	Careless Driving		
7	10/7/2015	Wed	5:20 PM	0	2	\$7,000	Angle	Day	Dry	Disregarded Control Devices		
8	11/2/2015	Mon	4:00 PM	0	2	\$8,000	Left Turn	Day	Dry	Failed to Yield ROW		
9	11/13/2015	Fri	12:45 AM	0	0	\$2,500	Rear End	Day	Dry	Careless Driving		
10	12/9/2015	Wed	8:20 AM	0	0	\$5,000	Rear End	Day	Dry	Careless Driving		
11	1/12/2016	Tue	1:15 PM	0	0	\$7,000	Rear End	Day	Dry	Careless Driving		
12	1/13/2016	Wed	8:35 AM	0	0	\$1,750	Rear End	Day	Dry	Careless Driving		
13	3/5/2016	Sat	5:24 PM	0	3	\$4,000	Left Turn	Day	Dry	Failed to Yield ROW		
14	3/17/2016	Thu	5:35 PM	0	0	\$1,000	Rear End	Day	Wet	Careless Driving		
15	3/23/2016	Wed	4:55 PM	0	0	\$15,000	Rear End	Day	Dry	Careless Driving		
16	4/12/2016	Tue	6:55 AM	0	0	\$1,000	Sideswipe	Day	Dry	Improper Lane Change		
17	5/15/2016	Sun	12:45 AM	0	0	\$0	Off Road	Night	Dry	Exceeded Speed		
18	8/10/2016	Wed	8:24 AM	0	0	\$9,000	Left Turn	Day	Dry	Failed to Yield ROW		
19	8/29/2016	Mon	4:40 PM	0	0	\$2,000	Left Turn	Day	Dry	Failed to Yield ROW		
20	10/25/2016	Tue	4:50 PM	0	1	\$2,000	Rear End	Day	Dry	Careless Driving		
21	11/22/2016	Tue	9:55 AM	0	0	\$2,750	Angle	Day	Dry	Disregarded Control Devices		
22	2/1/2017	Wed	2:27 PM	0	0	\$5,500	Rear End	Day	Dry	Careless Driving		
23	3/17/2017	Fri	5:20 PM	0	0	\$800	Rear End	Day	Dry	Careless Driving		
24	3/18/2017	Sat	2:00 PM	0	0	\$500	Left 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%	0%	0%

Contrib. Cause	Day	Night	PAVEMENT CONDITIONS			Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Failed to Yield ROW	Disregarded Control Devices	Other
			WET	DRY	Unknown							
TOTAL	22	2	2	22	0	1	0	14	1	5	2	1
PERCENT	92%	8%	8%	92%	0%	4%	0%	58%	4%	21%	8%	4%

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

State of Florida Department of Transportation
COLLISION SUMMARY

General Information

Roadway:	Main Street	Study Period:	1/1/15	To:	12/31/17
Sheet:	M-1	Data by:	Peters and Yaffee, Inc		
Milepost:		Date:	7/5/2019		
County:	Duval				

No.	Date	Day	Time	Severity		Property Damage	Crash Type	Day / Night	Wet / Dry	Contributing Cause		
				Fatal	Injury							
1	1/1/2015	Thu	11:03 PM	0	2	\$13,000	Angle	Night	Dry	Disregarded Control Devices		
2	1/12/2015	Mon	10:04 AM	0	0	\$600	Rear End	Day	Wet	Careless Driving		
3	4/6/2015	Mon	9:00 AM	0	0	\$2,000	Rear End	Day	Dry	Careless Driving		
4	4/13/2015	Mon	1:35 AM	0	1	\$12,000	Angle	Night	Dry	Disregarded Control Devices		
5	4/28/2015	Tue	11:38 AM	0	0	\$1,300	Right Turn	Day	Dry	Failed to Yield ROW		
6	6/10/2015	Wed	12:53 PM	0	0	\$10,000	Angle	Day	Wet	Disregarded Control Devices		
7	6/22/2015	Mon	11:00 PM	0	0	\$2,000	Angle	Night	Wet	Disregarded Control Devices		
8	6/22/2015	Mon	7:01 AM	0	0	\$7,000	Angle	Day	Wet	Disregarded Control Devices		
9	7/22/2015	Wed	3:20 PM	0	0	\$8,000	Angle	Day	Wet	Disregarded Control Devices		
10	8/21/2015	Fri	3:15 AM	0	0	\$10,000	Angle	Night	Dry	Disregarded Control Devices		
11	8/24/2015	Mon	12:15 PM	0	0	\$750	Sideswipe	Day	Dry	Careless Driving		
12	9/10/2015	Thu	11:45 AM	0	0	\$5,000	Sideswipe	Day	Dry	Failed to Yield ROW		
13	12/19/2015	Sat	6:12 AM	0	1	\$10,000	Angle	Night	Dry	Disregarded Control Devices		
14	12/20/2015	Sun	10:00 AM	0	0	\$11,000	Sideswipe	Day	Dry	Vehicular Malfunction		
15	2/26/2016	Fri	7:55 AM	0	1	\$3,000	Sideswipe	Day	Dry	Emergency Vehicle		
16	3/12/2016	Sat	1:50 AM	0	0	\$3,000	Angle	Night	Dry	Disregarded Control Devices		
17	3/25/2016	Fri	5:05 AM	0	1	\$37,000	Angle	Night	Dry	Disregarded Control Devices		
18	4/9/2016	Sat	4:55 AM	0	0	\$11,500	Angle	Night	Dry	Disregarded Control Devices		
19	5/10/2016	Tue	1:40 PM	0	1	\$3,500	Rear End	Day	Dry	Careless Driving		
20	5/16/2016	Mon	7:40 PM	0	1	\$10,000	Angle	Day	Dry	Disregarded Control Devices		
21	5/18/2016	Wed	12:00 AM	0	0	\$1,000	Sideswipe	Day	Dry	Careless Driving		
22	5/31/2016	Tue	9:50 PM	0	0	\$1,500	Rear End	Night	Dry	Careless Driving		
23	6/19/2016	Sun	12:38 AM	0	2	\$8,000	Angle	Night	Dry	Disregarded Control Devices		
24	6/24/2016	Fri	3:15 PM	0	0	\$4,000	Rear End	Day	Dry	Careless 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%	0%	0%

Contrib. Cause	Day	Night	PAVEMENT CONDITIONS			Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Failed to Yield ROW	Disregarded Control Devices	Other
			WET	DRY	Unknown							
TOTAL	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%

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

State of Florida Department of Transportation
COLLISION SUMMARY

General Information

Roadway:	Kings Avenue	Study Period:	1/1/15	To:	12/31/17
Sheet:	K-1	Data by:	Peters and Yaffee, Inc		
Milepost:		Date:	7/5/2019		
County:	Duval				

No.	Date	Day	Time	Severity		Property Damage	Crash Type	Day / Night	Wet / Dry	Contributing Cause		
				Fatal	Injury							
1	1/7/2015	Wed	8:05 AM	0	1	\$4,000	Rear End	Day	Dry	Followed Too Closely		
2	2/17/2015	Tue	4:45 PM	0	0	\$2,000	Sideswipe	Night	Wet	Careless Driving		
3	2/19/2015	Thu	8:15 PM	0	0	\$8,000	Angle	Night	Dry	Disregarded Control Devices		
4	3/1/2015	Sun	5:34 PM	0	1	\$10,000	Angle	Day	Dry	Disregarded Control Devices		
5	3/22/2015	Sun	9:20 PM	0	2	\$12,500	Rear End	Night	Wet	Careless Driving		
6	7/2/2015	Thu	8:00 PM	0	0	\$2,500	Sideswipe	Night	Dry	Improper Lane Change		
7	8/10/2015	Mon	9:42 AM	0	4	\$20,000	Left Turn	Day	Dry	Failed to Yield ROW		
8	8/12/2015	Wed	5:30 PM	0	1	\$27,000	Left Turn	Day	Wet	Failed to Yield ROW		
9	10/8/2015	Thu	2:28 PM	0	0	\$5,000	Rear End	Day	Dry	Careless Driving		
10	5/6/2016	Fri	12:40 AM	0	0	\$9,000	Rear End	Night	Dry	Careless Driving		
11	5/10/2016	Tue	7:40 AM	0	0	\$10,000	Sideswipe	Day	Dry	Careless Driving		
12	6/3/2016	Fri	11:14 PM	0	1	\$2,000	Left 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	Rear End	Day	Dry	Careless Driving		
15	9/6/2016	Tue	5:00 PM	0	0	\$500	Other	Day	Dry	Falling Debris		
16	12/17/2016	Sat	1:20 PM	0	0	\$10,000	Sideswipe	Day	Dry	Improper Lane Change		
17	12/27/2016	Tue	7:23 PM	0	1	\$5,000	Left 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	Left Turn	Day	Dry	Failed to Yield ROW		
20	5/29/2017	Mon	9:20 AM	0	0	\$12,000	Off Road	Day	Dry	Careless Driving		
21	5/31/2017	Wed	10:55 AM	0	0	\$150	Rear End	Day	Dry	Careless Driving		
22	7/26/2017	Wed	4:16 PM	0	2	\$4,000	Left Turn	Day	Dry	Failed to Yield ROW		
23	8/10/2017	Thu	5:34 PM	0	0	\$5,000	Rear End	Day	Dry	Careless 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%	13%	0%	4%

Contrib. Cause	Day	Night	PAVEMENT CONDITIONS			Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Failed to Yield ROW	Disregarded Control Devices	Other
			WET	DRY	Unknown							
TOTAL	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%

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

State of Florida Department of Transportation
COLLISION SUMMARY

General Information

Roadway:	San Marco Boulevard	Study Period:	1/1/15 To: 12/31/17
Sheet:	SM-1	Data by:	Peters and Yaffee, Inc
Milepost:		Date:	10/10/2019
County:	Duval		

No.	Date	Day	Time	Severity		Property Damage	Crash Type	Day / Night	Wet / Dry	Contributing Cause
				Fatal	Injury					
1	1/22/2015	Thu	7:50 AM	0	1	\$9,000	Left Turn	Day	Dry	Failed to Yield ROW
2	2/27/2015	Fri	3:08 AM	0	0	\$4,000	Right Turn	Night	Dry	Failed to Yield ROW
3	3/12/2015	Thu	7:15 AM	0	3	\$34,000	Left Turn	Day	Dry	Failed to Yield ROW
4	5/7/2015	Thu	1:12 PM	0	0	\$8,000	Left Turn	Day	Dry	Failed to Yield ROW
5	7/20/2015	Mon	10:35 AM	0	0	\$2,000	Angle	Day	Dry	Disregarded Control Devices
6	8/10/2015	Mon	10:55 AM	0	0	\$20,000	Left Turn	Day	Dry	Failed to Yield ROW
7	9/10/2015	Thu	2:18 PM	0	1	\$10,000	Angle	Day	Dry	Disregarded Control Devices
8	9/21/2015	Mon	10:05 AM	0	2	\$15,000	Left Turn	Day	Dry	Disregarded Control Devices
9	10/19/2015	Mon	12:17 PM	0	0	\$5,500	Left Turn	Day	Dry	Failed to Yield ROW
10	11/12/2015	Thu	7:43 AM	0	1	\$10,000	Left Turn	Day	Dry	Failed to Yield ROW
11	11/12/2015	Thu	10:28 AM	0	0	\$10,000	Left Turn	Day	Dry	Failed to Yield ROW
12	11/18/2015	Wed	9:40 AM	0	0	\$3,000	Left Turn	Day	Dry	Failed to Yield ROW
13	11/24/2015	Tue	12:44 PM	0	1	\$30,000	Left Turn	Day	Dry	Failed to Yield ROW
14	12/7/2015	Mon	5:28 PM	0	0	\$3,500	Left Turn	Night	Dry	Failed to Yield ROW
15	12/16/2015	Wed	4:05 PM	0	0	\$1,400	Rear End	Day	Dry	Careless Driving
16	1/4/2016	Mon	10:44 AM	0	1	\$15,000	Angle	Day	Dry	Disregarded Control Devices
17	1/15/2016	Fri	9:38 AM	0	0	\$15,000	Angle	Day	Wet	Disregarded Control Devices
18	3/16/2016	Wed	7:46 AM	0	0	\$13,000	Left Turn	Day	Dry	Failed to Yield ROW
19	3/27/2016	Sun	3:42 AM	0	0	\$5,000	Off Road	Night	Dry	Careless Driving
20	4/5/2016	Tue	5:01 PM	0	0	\$300	Sideswipe	Day	Dry	Improper Lane change
21	5/22/2016	Sun	1:00 PM	0	0	\$8,000	Angle	Day	Dry	Disregarded Control Devices
22	7/1/2016	Fri	6:30 PM	0	2	\$20,000	Rear End	Day	Dry	Careless Driving
23	9/12/2016	Mon	7:30 AM	0	2	\$10,000	Left Turn	Day	Dry	Failed to Yield ROW
24	9/21/2016	Wed	9:35 AM	0	1	\$18,000	Angle	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%	4%	0%	0%

Contrib. Cause	Day	Night	PAVEMENT CONDITIONS			Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Failed to Yield ROW	Disregarded Control Devices	Other
			WET	DRY	Unknown							
TOTAL	21	3	1	23	0	0	0	3	1	13	7	0
PERCENT	88%	13%	4%	96%	0%	0%	0%	13%	4%	54%	29%	0%

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

State of Florida Department of Transportation
COLLISION SUMMARY

General Information

Roadway:	San Marco Boulevard	Study Period:	1/1/15 To: 12/31/17
Sheet:	SM-1	Data by:	Peters and Yaffee, Inc
Milepost:		Date:	10/10/2019
County:	Duval		

No.	Date	Day	Time	Severity		Property Damage	Crash Type	Day / Night	Wet / Dry	Contributing Cause		
				Fatal	Injury							
25	9/26/2016	Mon	8:00 AM	0	2	\$20,000	Angle	Day	Dry	Disregarded Control Devices		
26	1/23/2017	Mon	7:10 AM	0	4	\$10,000	Left Turn	Day	Dry	Failed to Yield ROW		
27	2/7/2017	Tue	3:32 PM	0	0	\$500	Sideswipe	Day	Dry	Improper Lane Change		
28	2/13/2017	Mon	2:00 PM	0	0	\$3,000	Angle	Day	Dry	Disregarded Control Devices		
29	3/20/2017	Mon	2:20 PM	0	0	\$6,000	Left Turn	Day	Dry	Failed to Yield ROW		
30	4/16/2017	Sun	2:00 AM	0	1	\$10,000	Angle	Night	Dry	Disregarded Control Devices		
31	4/19/2017	Wed	4:05 PM	0	2	\$15,000	Angle	Day	Dry	Disregarded Control Devices		
32	5/1/2017	Mon	6:20 PM	0	0	\$4,500	Left Turn	Day	Dry	Failed to Yield ROW		
33	7/17/2017	Mon	11:03 AM	0	1	\$21,700	Left Turn	Day	Dry	Disregarded Control Devices		
34	7/20/2017	Thu	7:24 AM	0	1	\$10,000	Left Turn	Day	Dry	Failed to Yield ROW		
35	7/20/2017	Thu	7:25 AM	0	0	\$200	Backing	Day	Dry	Careless Driving		
36	7/21/2017	Fri	5:30 AM	0	0	\$3,001	Sideswipe	Night	Dry	Careless Driving		
37	7/22/2017	Sat	12:55 AM	0	0	\$4,000	Angle	Night	Dry	Failed to Yield ROW		
38	7/29/2017	Sat	4:23 PM	0	1	\$9,000	Angle	Day	Dry	Disregarded Control Devices		
39	8/28/2017	Mon	5:45 AM	0	0	\$7,000	Angle	Night	Wet	Failed to Yield ROW		
40	9/19/2017	Tue	3:15 PM	0	1	\$1,600	Rear End	Day	Dry	Careless Driving		
41	9/21/2017	Thu	4:50 PM	0	0	\$3,000	Angle	Day	Dry	Failed to Yield ROW		
42	10/2/2017	Mon	7:48 AM	0	0	\$6,000	Angle	Day	Dry	Disregarded Control Devices		
43	10/19/2017	Thu	7:37 AM	0	0	\$4,800	Angle	Day	Wet	Failed to Yield ROW		
44	10/20/2017	Fri	3:50 PM	0	0	\$17,000	Left Turn	Day	Dry	Failed to Yield ROW		
45	11/13/2017	Mon	3:34 PM	0	0	\$1,200	Sideswipe	Day	Dry	Improper Lane change		
46	11/16/2017	Thu	2:55 PM	0	0	\$1,000	Sideswipe	Day	Dry	Improper Lane change		
47	11/17/2017	Fri	5:02 PM	0	0	\$10,000	Left Turn	Day	Dry	Failed to Yield ROW		
48	11/29/2017	Wed	5:58 PM	0	0	\$1,000	Angle	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%	0%	4%

Contrib. Cause	Day	Night	PAVEMENT CONDITIONS			Exceeded Speed	DUI	Careless Driving	Improper Lane Change	Failed to Yield ROW	Disregarded Control Devices	Other
			WET	DRY	Unknown							
TOTAL	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 Vehicles Entering/ADT: _____ Collision Rate: _____ PER M.E.V.

APPENDIX B

Collision Diagrams



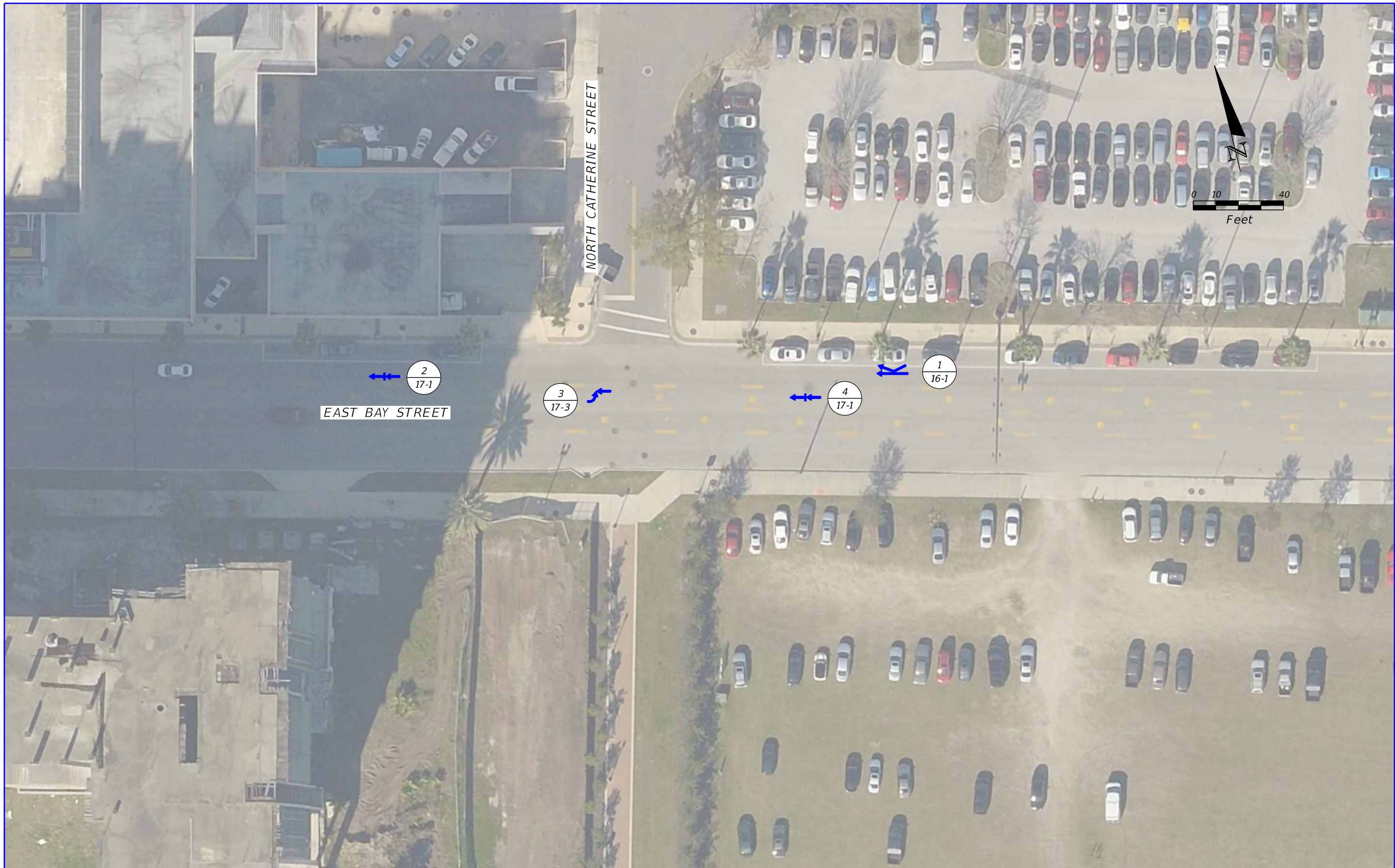
CRASH NUMBER
 INJURY SEVERITY
 1 = NO INJURY
 2 = POSSIBLE INJURY
 3 = NON-INCAPACITATING
 4 = INCAPACITATING
 5 = FATALITY

PEDESTRIAN
 BICYCLE
 FATALITY
 VEHICLE DIRECTION

PETERS AND YAFFEE, INC.
 9822 TAPESTRY PARK CIRCLE, SUITE 205
 JACKSONVILLE, FL 32246

COLLISION DIAGRAMS
 EAST BAY STREET

SHEET NO.
 B-1



<p>CRASH NUMBER</p> <p>YEAR</p>	<p>INJURY SEVERITY</p> <p>1 = NO INJURY</p> <p>2 = POSSIBLE INJURY</p> <p>3 = NON-INCAPACITATING</p> <p>4 = INCAPACITATING</p> <p>5 = FATALITY</p>	<p> PEDESTRIAN</p> <p> FATALITY</p>	<p> BICYCLE</p> <p> VEHICLE DIRECTION</p>	<p>PETERS AND YAFFEE, INC.</p> <p>9822 TAPESTRY PARK CIRCLE, SUITE 205</p> <p>JACKSONVILLE, FL 32246</p>	<p>COLLISION DIAGRAMS</p> <p>EAST BAY STREET</p>	<p>SHEET NO.</p> <p>B-2</p>
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UNIVERSITY OF FLORIDA HEALTH
SCIENCE BUILDING

WEST EIGHTH STREET

ILLINOIS STREET

CALHOUN STREET

DARNELL COOKMAN MIDDLE
DRIVEWAY

CRASH NUMBER

INJURY SEVERITY
1 = NO INJURY
2 = POSSIBLE INJURY
3 = NON-INCAPACITATING
4 = INCAPACITATING
5 = FATALITY



PEDESTRIAN



BICYCLE



VEHICLE DIRECTION



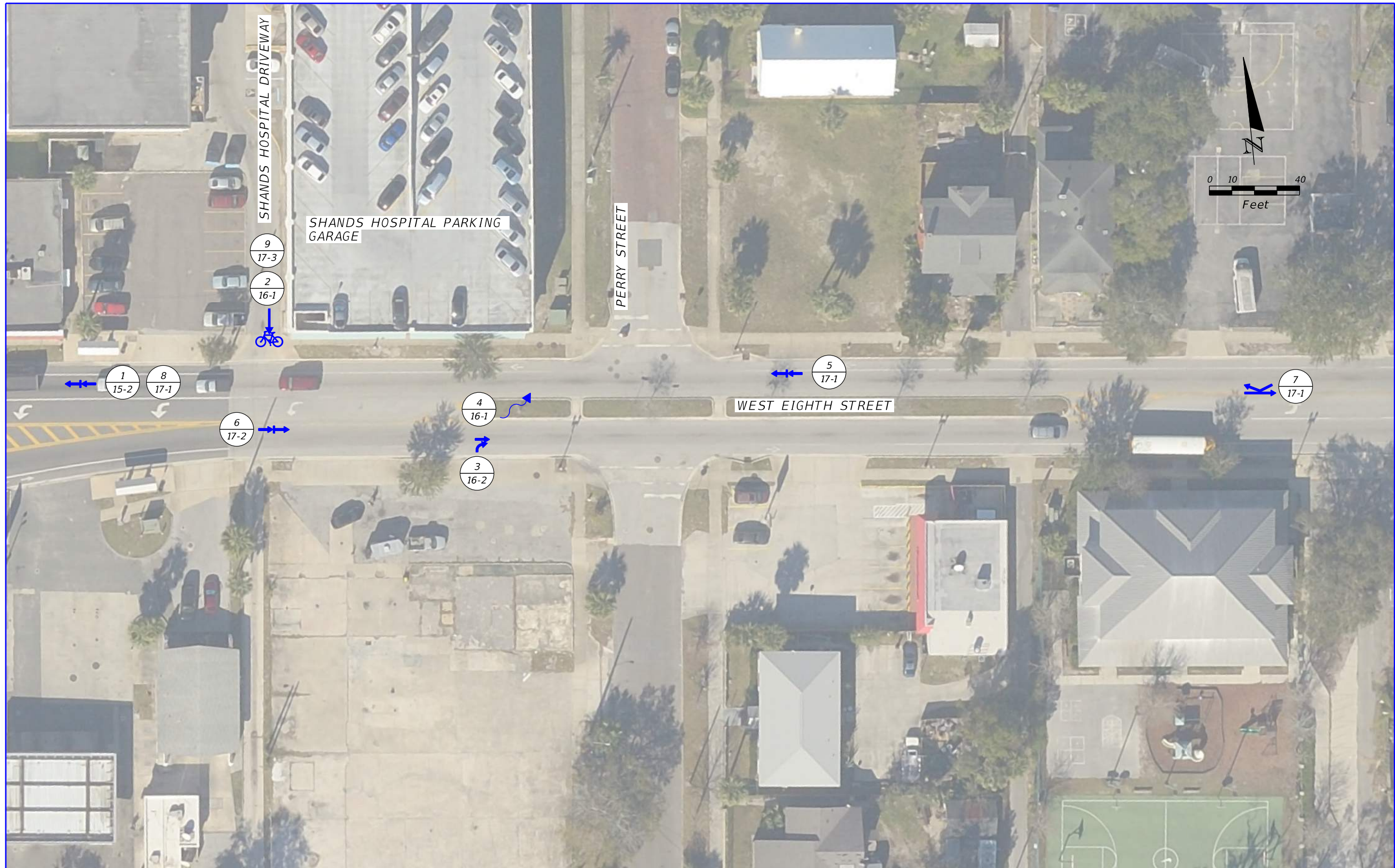
FATALITY

PETERS AND YAFFEE, INC.
9822 TAPESTRY PARK CIRCLE, SUITE 205
JACKSONVILLE, FL 32246

COLLISION DIAGRAMS
WEST EIGHTH STREET

SHEET
NO.

E-1



CRASH NUMBER
 X
 XX-X
 YEAR

INJURY SEVERITY
 1 = NO INJURY
 2 = POSSIBLE INJURY
 3 = NON-INCAPACITATING
 4 = INCAPACITATING
 5 = FATALITY

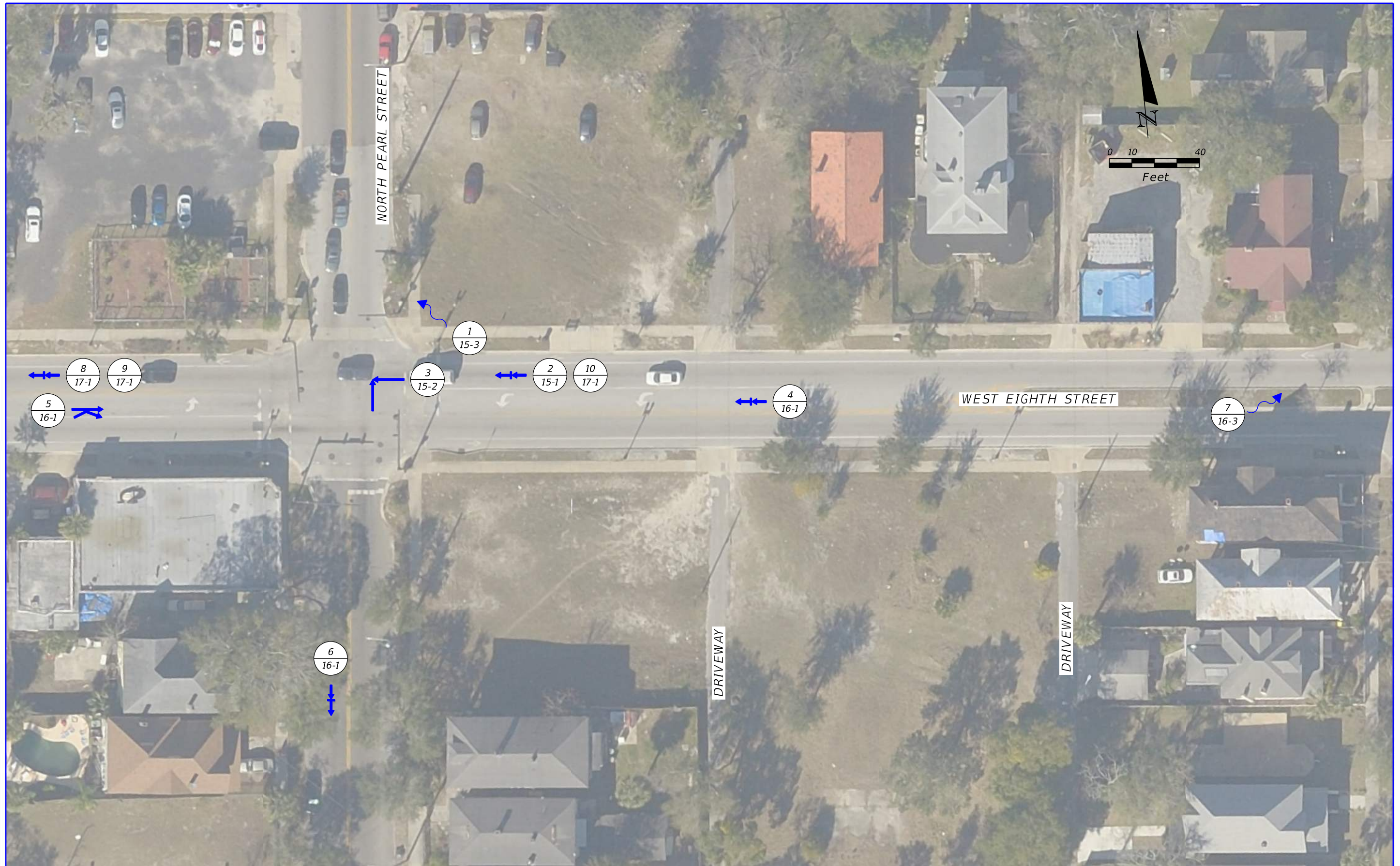
PEDESTRIAN
 FATALITY

BICYCLE
 VEHICLE DIRECTION

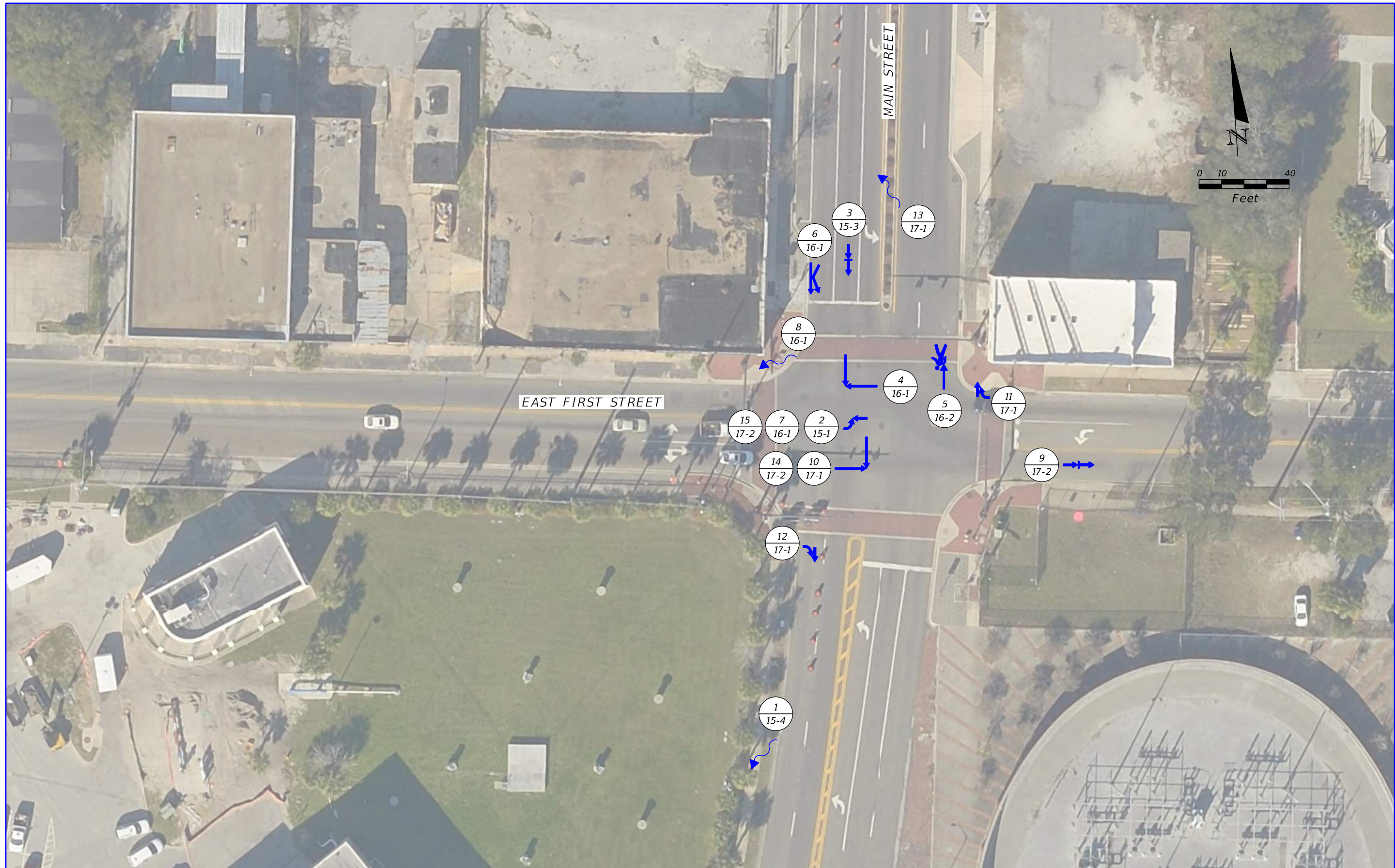
PETERS AND YAFFEE, INC.
 9822 TAPESTRY PARK CIRCLE, SUITE 205
 JACKSONVILLE, FL 32246

COLLISION DIAGRAMS
WEST EIGHTH STREET

SHEET NO.
 E-3



<p>CRASH NUMBER</p> <p>YEAR</p>	<p>INJURY SEVERITY</p> <p>1 = NO INJURY</p> <p>2 = POSSIBLE INJURY</p> <p>3 = NON-INCAPACITATING</p> <p>4 = INCAPACITATING</p> <p>5 = FATALITY</p>	<p> PEDESTRIAN</p> <p> FATALITY</p>	<p> BICYCLE</p> <p> VEHICLE DIRECTION</p>	<p>PETERS AND YAFFEE, INC. 9822 TAPESTRY PARK CIRCLE, SUITE 205 JACKSONVILLE, FL 32246</p>	<p><i>COLLISION DIAGRAMS</i> <i>WEST EIGHTH STREET</i></p>	<p>SHEET NO. E-4</p>
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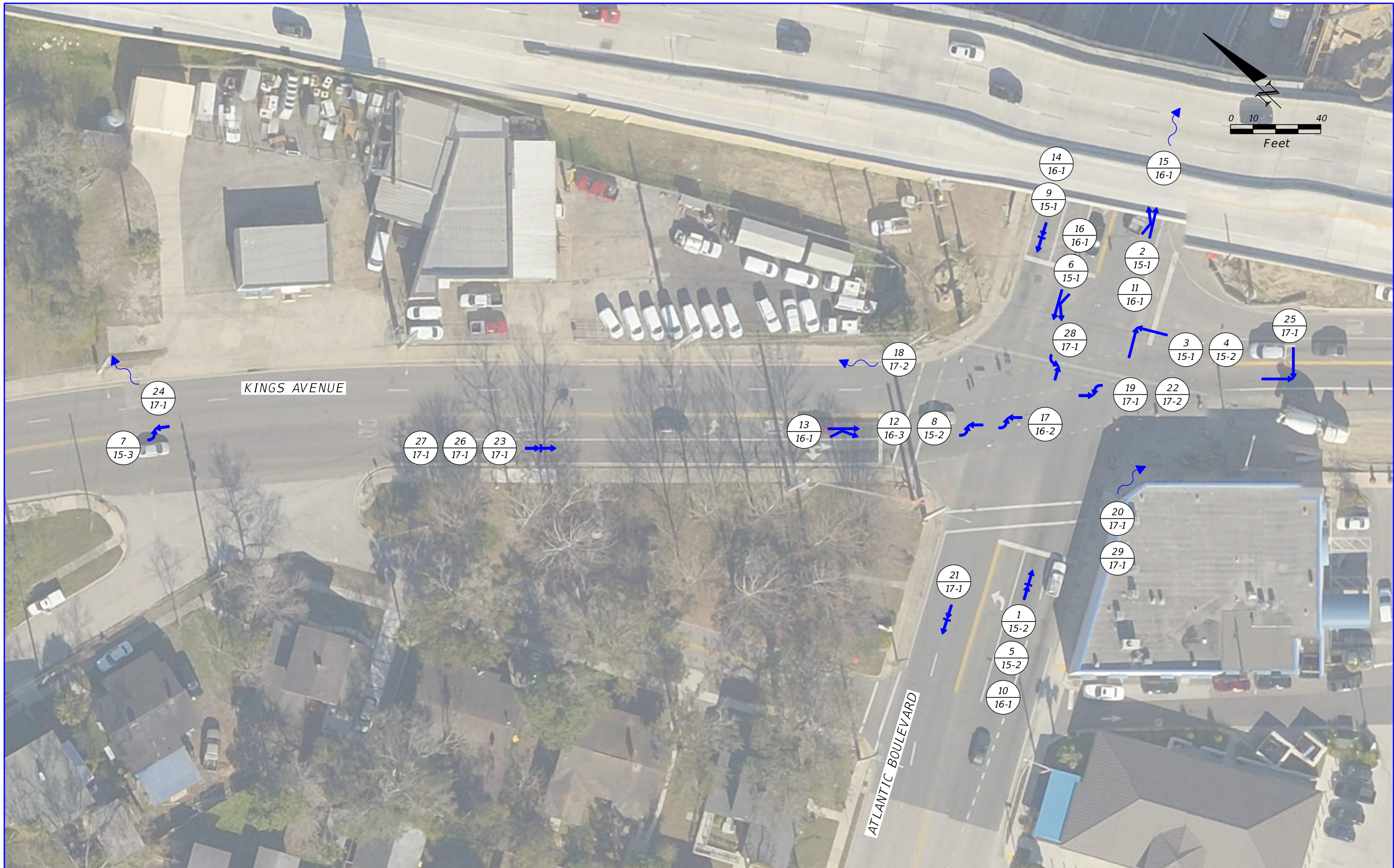
CRASH NUMBER
 INJURY SEVERITY
 1 = NO INJURY
 2 = POSSIBLE INJURY
 3 = NON-INCAPACITATING
 4 = INCAPACITATING
 5 = FATALITY

PEDESTRIAN
 BICYCLE
 FATALITY
 VEHICLE DIRECTION

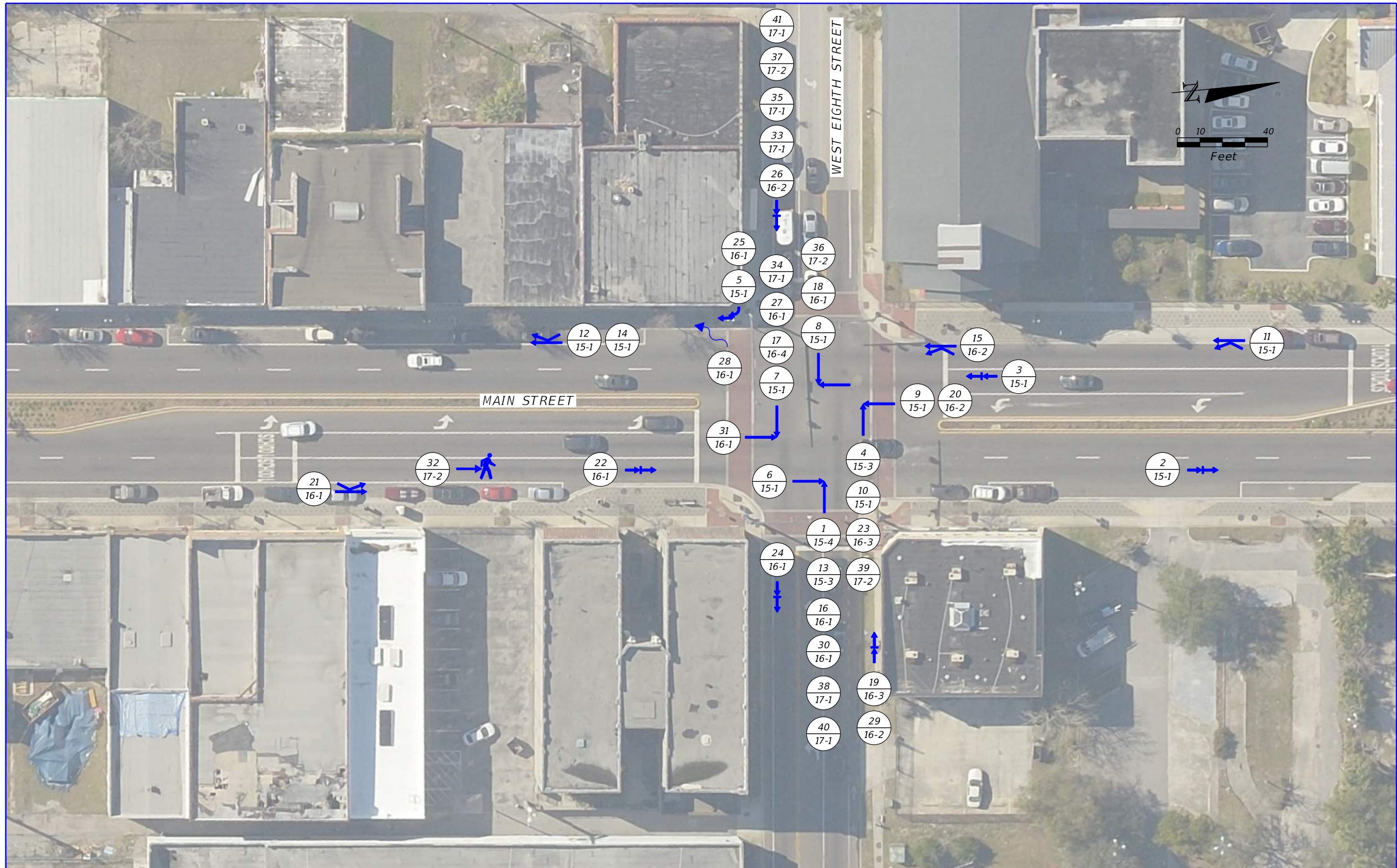
PETERS AND YAFFEE, INC.
 9822 TAPESTRY PARK CIRCLE, SUITE 205
 JACKSONVILLE, FL 32246

COLLISION DIAGRAMS
EAST FIRST STREET

SHEET NO.
 F-1



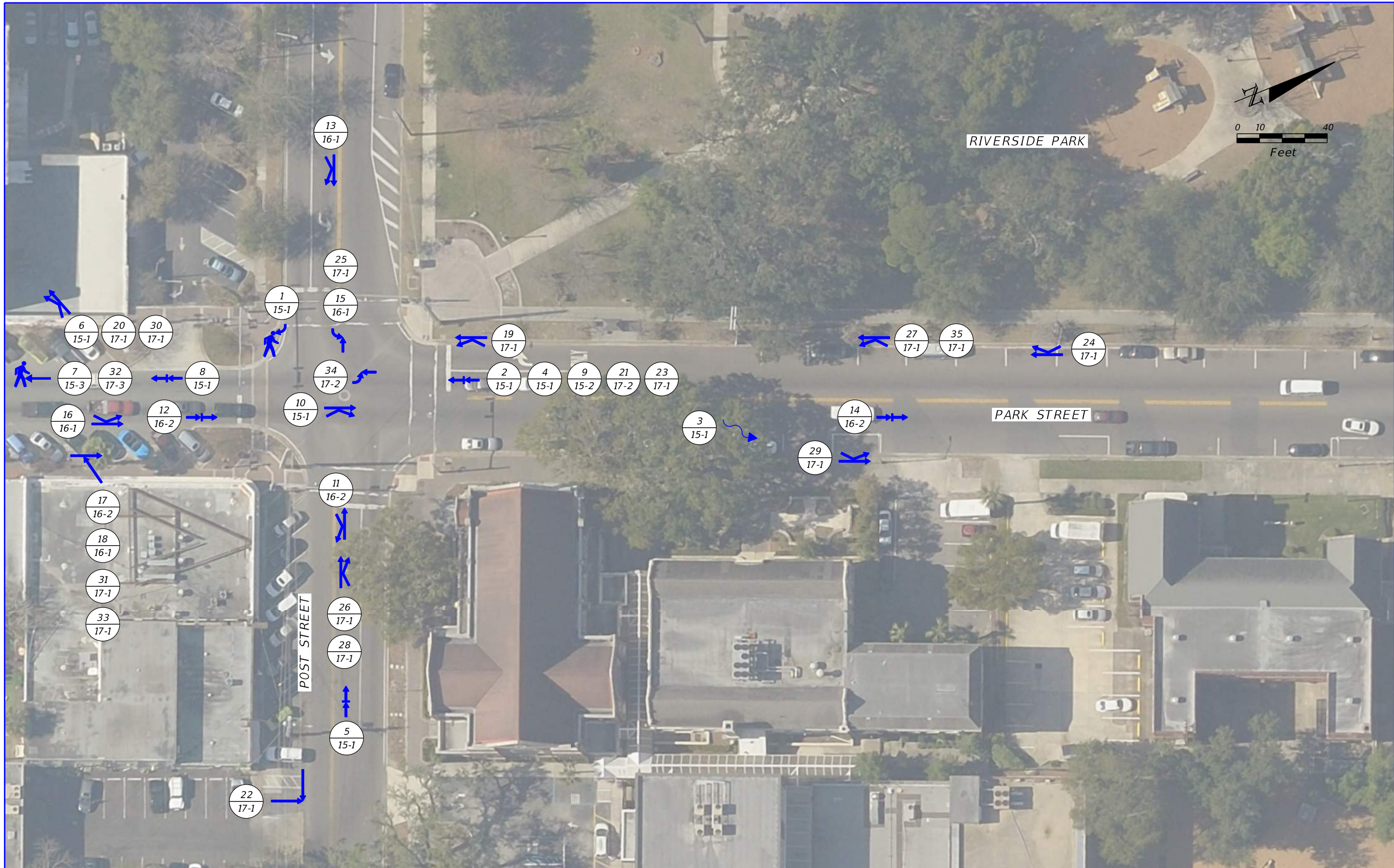
<p>CRASH NUMBER</p> <p>YEAR</p>	<p>INJURY SEVERITY</p> <p>1 = NO INJURY 2 = POSSIBLE INJURY 3 = NON-INCAPACITATING 4 = INCAPACITATING 5 = FATALITY</p>	<p> PEDESTRIAN</p> <p> FATALITY</p>	<p> BICYCLE</p> <p> VEHICLE DIRECTION</p>	<p>PETERS AND YAFFEE, INC. 9822 TAPESTRY PARK CIRCLE, SUITE 205 JACKSONVILLE, FL 32246</p>	<p>COLLISION DIAGRAMS KINGS AVENUE</p>	<p>SHEET NO. K-1</p>
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<p>CRASH NUMBER</p> <p>YEAR</p>	<p>INJURY SEVERITY</p> <p>1 = NO INJURY 2 = POSSIBLE INJURY 3 = NON-INCAPACITATING 4 = INCAPACITATING 5 = FATALITY</p>	<p> PEDESTRIAN</p> <p> FATALITY</p>	<p> BICYCLE</p> <p> VEHICLE DIRECTION</p>	<p>PETERS AND YAFFEE, INC. 9822 TAPESTRY PARK CIRCLE, SUITE 205 JACKSONVILLE, FL 32246</p>	<p><i>COLLISION DIAGRAMS</i> <i>MAIN STREET</i></p>	<p>SHEET NO. M-1</p>
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<p>CRASH NUMBER</p>	<p>INJURY SEVERITY</p> <p>1 = NO INJURY 2 = POSSIBLE INJURY 3 = NON-INCAPACITATING 4 = INCAPACITATING 5 = FATALITY</p>	<p> PEDESTRIAN</p> <p> FATALITY</p>	<p> BICYCLE</p> <p> VEHICLE DIRECTION</p>	<p>PETERS AND YAFFEE, INC. 9822 TAPESTRY PARK CIRCLE, SUITE 205 JACKSONVILLE, FL 32246</p>	<p><i>COLLISION DIAGRAMS</i> <i>MAIN STREET</i></p>	<p>SHEET NO. M-2</p>
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CRASH NUMBER
 XX-X
 YEAR

INJURY SEVERITY
 1 = NO INJURY
 2 = POSSIBLE INJURY
 3 = NON-INCAPACITATING
 4 = INCAPACITATING
 5 = FATALITY

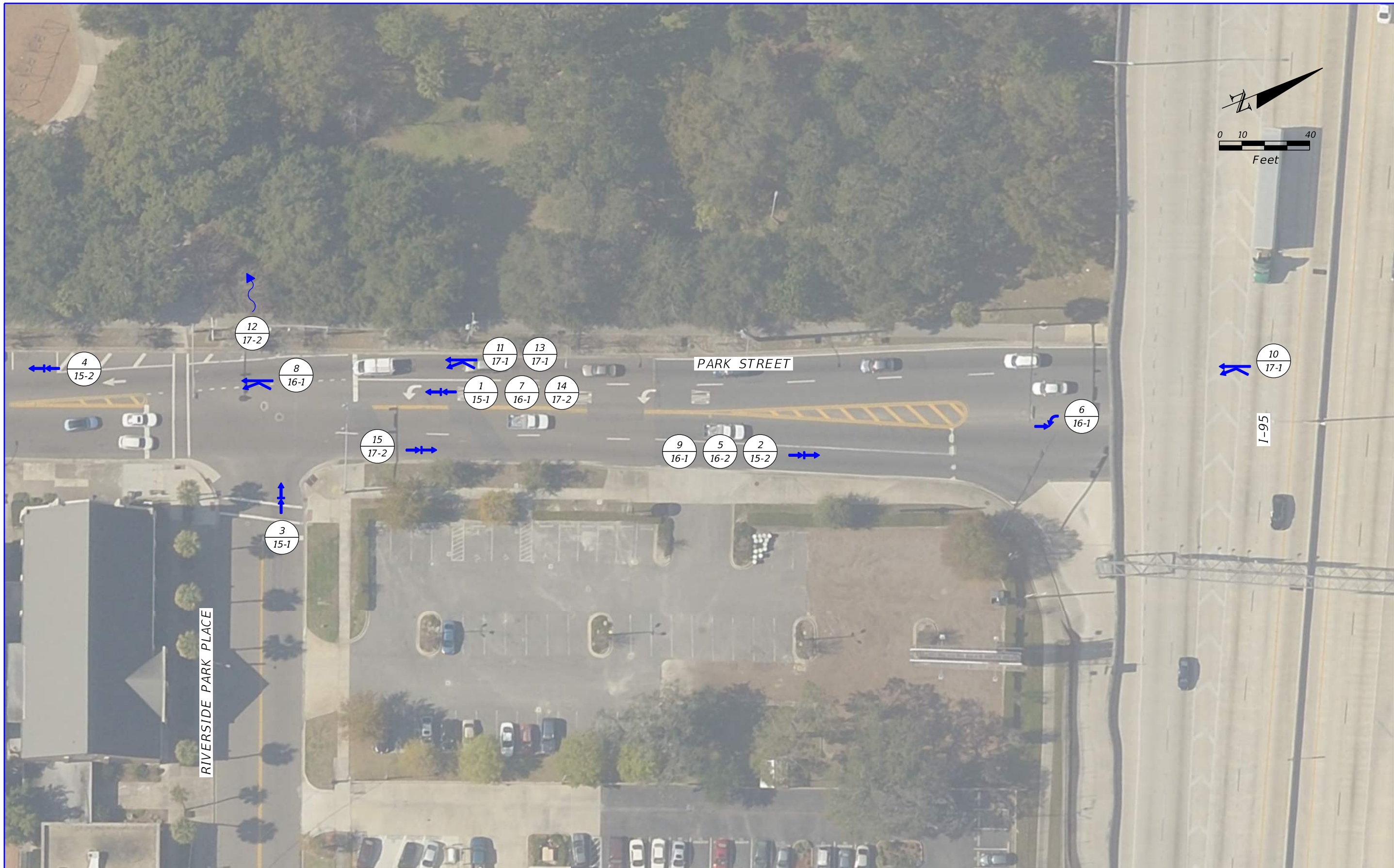
PEDESTRIAN
 FATALITY

BICYCLE
 VEHICLE DIRECTION

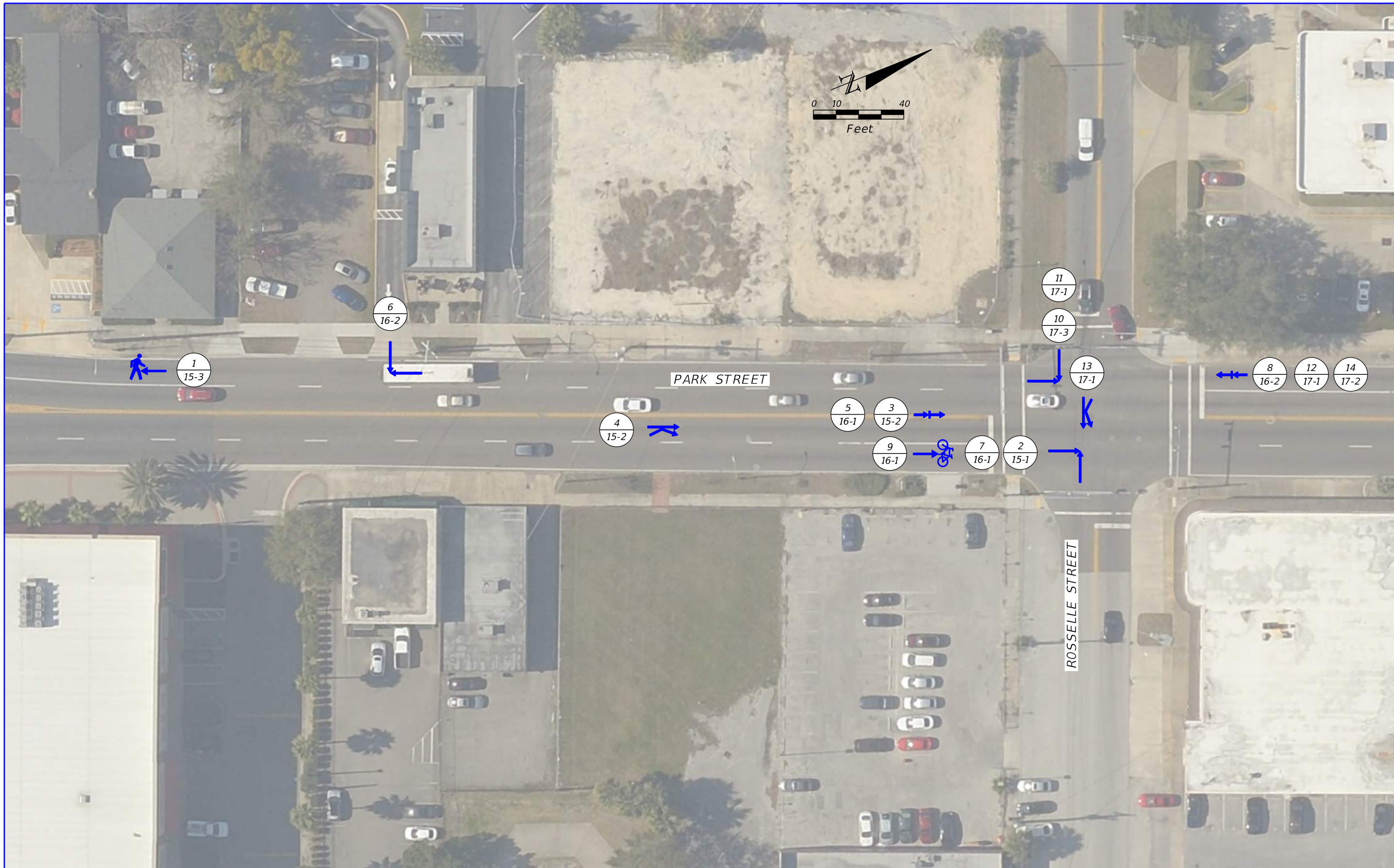
PETERS AND YAFFEE, INC.
 9822 TAPESTRY PARK CIRCLE, SUITE 205
 JACKSONVILLE, FL 32246

COLLISION DIAGRAMS
 PARK STREET

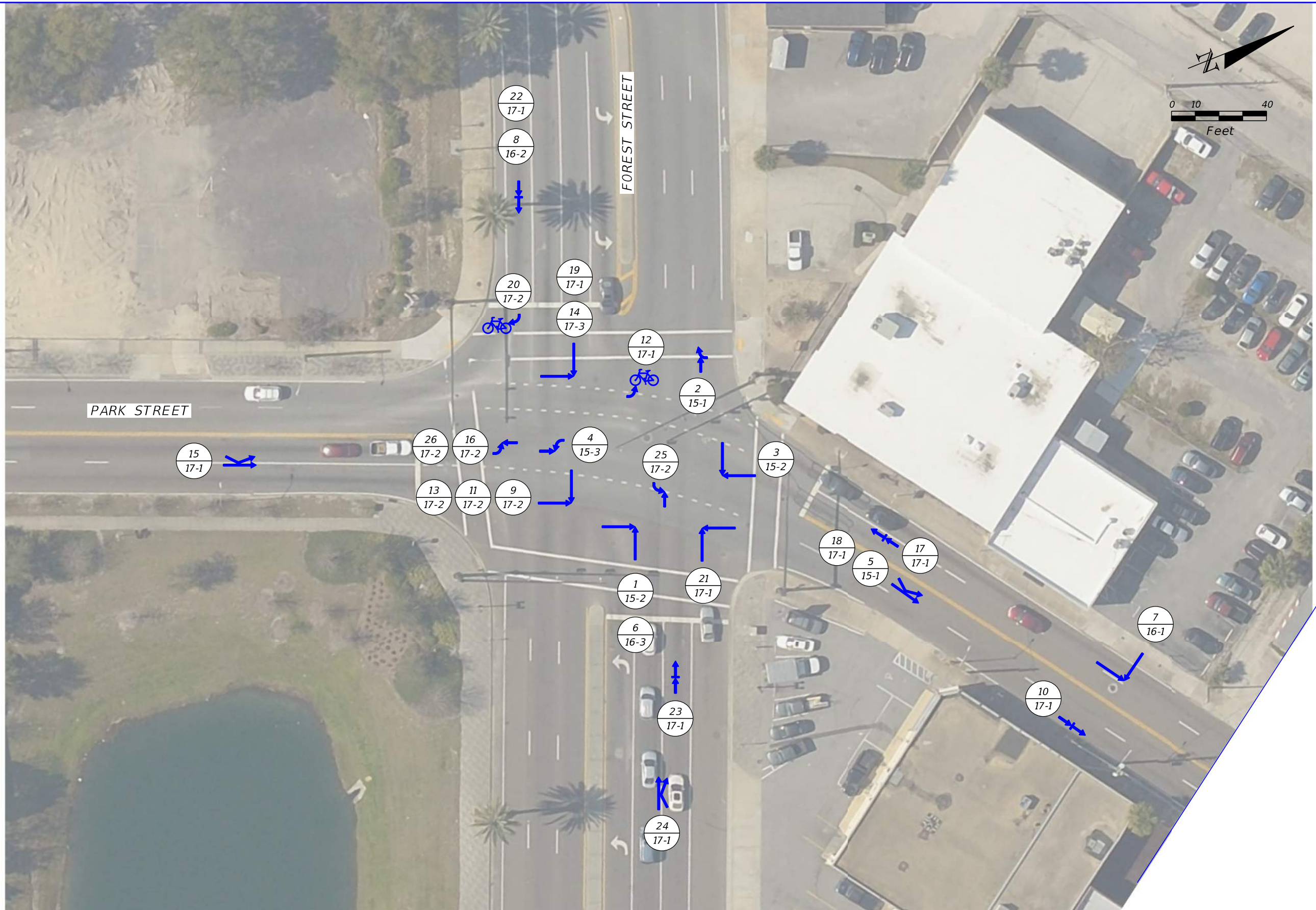
SHEET NO.
 P-1



<p>CRASH NUMBER</p> <p>YEAR</p> <p>XX-X</p>	<p>INJURY SEVERITY</p> <p>1 = NO INJURY</p> <p>2 = POSSIBLE INJURY</p> <p>3 = NON-INCAPACITATING</p> <p>4 = INCAPACITATING</p> <p>5 = FATALITY</p>	<p>PEDESTRIAN</p> <p>FATALITY</p>	<p>BICYCLE</p> <p>VEHICLE DIRECTION</p>	<p>PETERS AND YAFFEE, INC.</p> <p>9822 TAPESTRY PARK CIRCLE, SUITE 205</p> <p>JACKSONVILLE, FL 32246</p>	<p>COLLISION DIAGRAMS</p> <p>PARK STREET</p>	<p>SHEET NO.</p> <p>P-2</p>
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<p>CRASH NUMBER</p> <p>YEAR</p>	<p>INJURY SEVERITY</p> <p>1 = NO INJURY</p> <p>2 = POSSIBLE INJURY</p> <p>3 = NON-INCAPACITATING</p> <p>4 = INCAPACITATING</p> <p>5 = FATALITY</p>	<p> PEDESTRIAN</p> <p> FATALITY</p>	<p> BICYCLE</p> <p> VEHICLE DIRECTION</p>	<p>PETERS AND YAFFEE, INC. 9822 TAPESTRY PARK CIRCLE, SUITE 205 JACKSONVILLE, FL 32246</p>		<p>COLLISION DIAGRAMS PARK STREET</p>	<p>SHEET NO.</p> <p>P-3</p>
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<p>CRASH NUMBER</p> <p>YEAR</p>	<p>INJURY SEVERITY</p> <p>1 = NO INJURY</p> <p>2 = POSSIBLE INJURY</p> <p>3 = NON-INCAPACITATING</p> <p>4 = INCAPACITATING</p> <p>5 = FATALITY</p>	<p> PEDESTRIAN</p> <p> BICYCLE</p> <p> VEHICLE DIRECTION</p>	<p> FATALITY</p>
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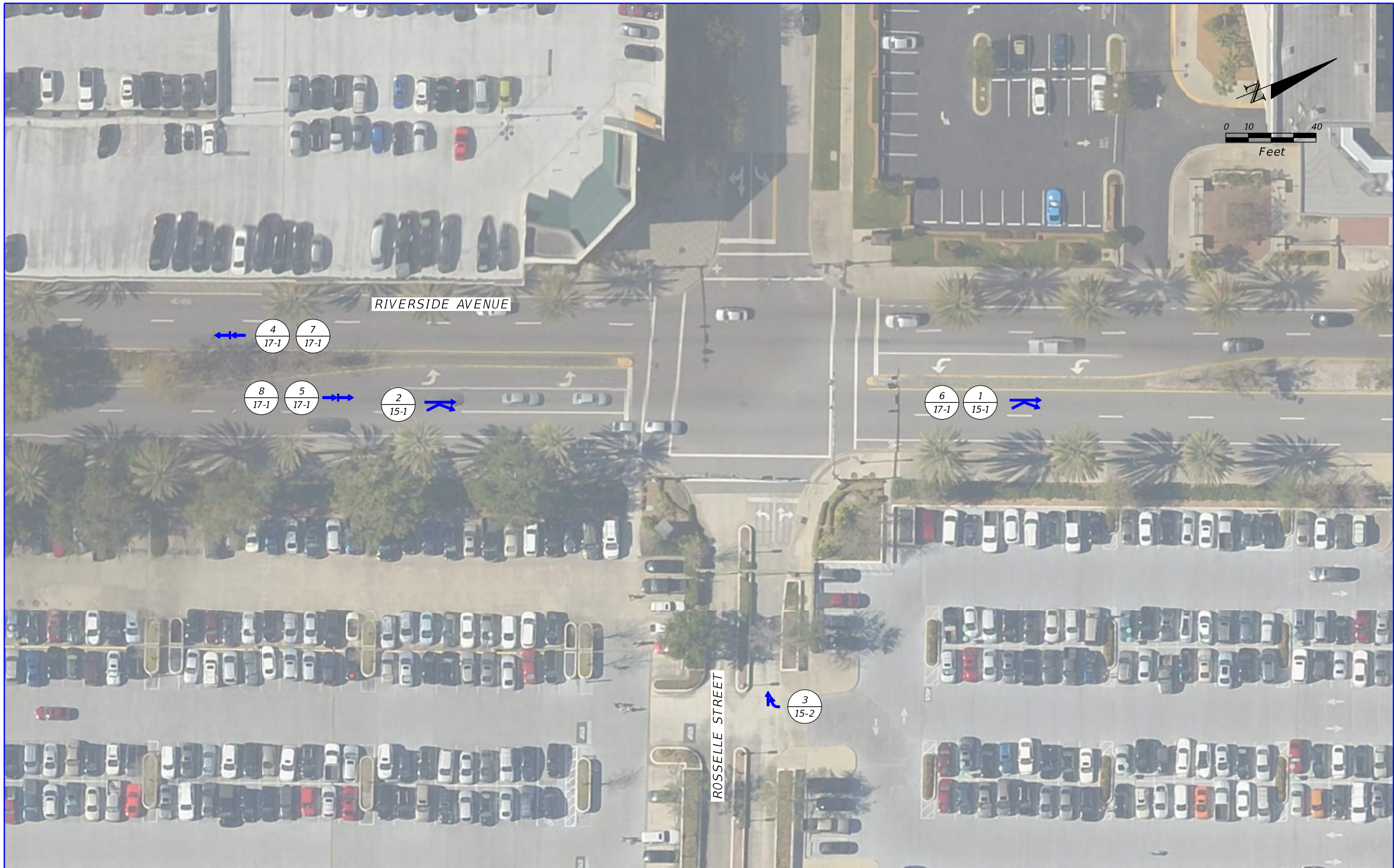
PETERS AND YAFFEE, INC.
 9822 TAPESTRY PARK CIRCLE, SUITE 205
 JACKSONVILLE, FL 32246

COLLISION DIAGRAMS
PARK STREET

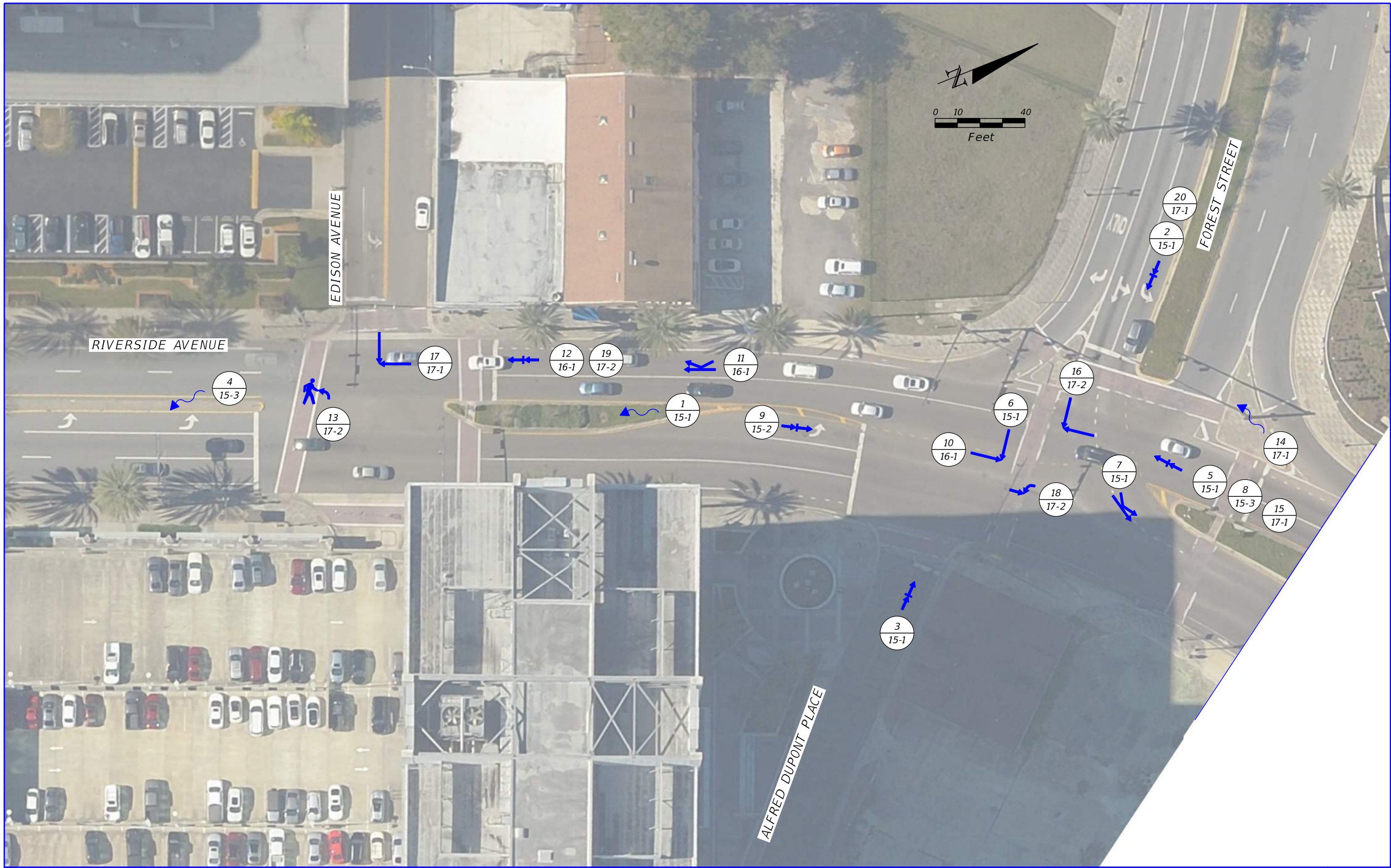
SHEET NO.
 P-4



<p>CRASH NUMBER</p> <p>YEAR</p> <p>XX-X</p>	<p>INJURY SEVERITY</p> <p>1 = NO INJURY</p> <p>2 = POSSIBLE INJURY</p> <p>3 = NON-INCAPACITATING</p> <p>4 = INCAPACITATING</p> <p>5 = FATALITY</p>	<p>PEDESTRIAN</p> <p>FATALITY</p>	<p>BICYCLE</p> <p>VEHICLE DIRECTION</p>	<p>PETERS AND YAFFEE, INC.</p> <p>9822 TAPESTRY PARK CIRCLE, SUITE 205</p> <p>JACKSONVILLE, FL 32246</p>	<p><i>COLLISION DIAGRAMS</i></p> <p><i>PRUDENTIAL DRIVE</i></p>	<p>SHEET NO.</p> <p>PR-1</p>
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<p>CRASH NUMBER</p> <p>YEAR</p>	<p>INJURY SEVERITY</p> <p>1 = NO INJURY</p> <p>2 = POSSIBLE INJURY</p> <p>3 = NON-INCAPACITATING</p> <p>4 = INCAPACITATING</p> <p>5 = FATALITY</p>	<p>PEDESTRIAN</p> <p>FATALITY</p>	<p>BICYCLE</p> <p>VEHICLE DIRECTION</p>	<p>PETERS AND YAFFEE, INC.</p> <p>9822 TAPESTRY PARK CIRCLE, SUITE 205</p> <p>JACKSONVILLE, FL 32246</p>	<p>COLLISION DIAGRAMS</p> <p>RIVERSIDE AVENUE</p>	<p>SHEET NO.</p> <p>R-1</p>
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CRASH NUMBER
 XX-X
 YEAR

INJURY SEVERITY
 1 = NO INJURY
 2 = POSSIBLE INJURY
 3 = NON-INCAPACITATING
 4 = INCAPACITATING
 5 = FATALITY

PEDESTRIAN
 FATALITY

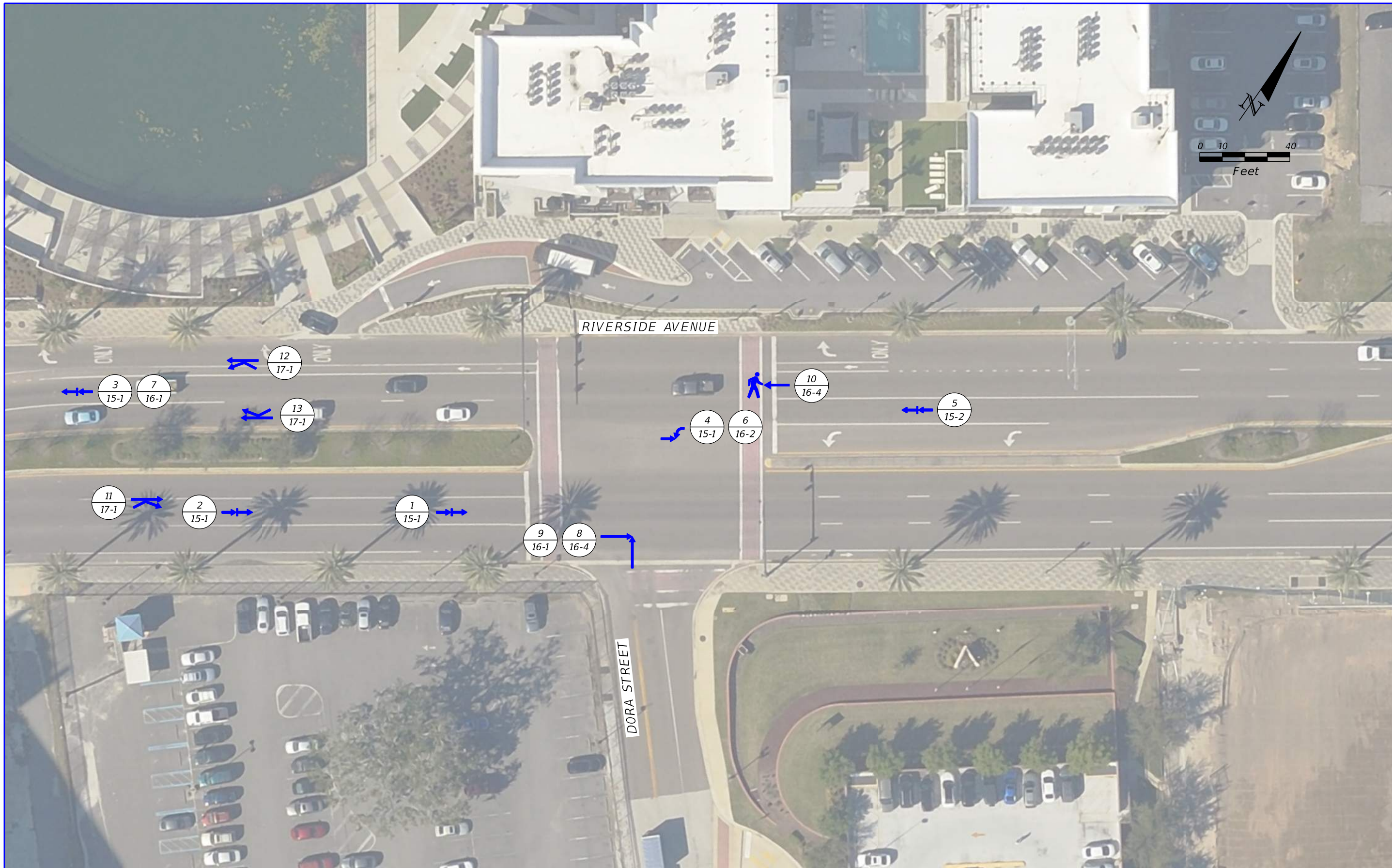
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VEHICLE DIRECTION

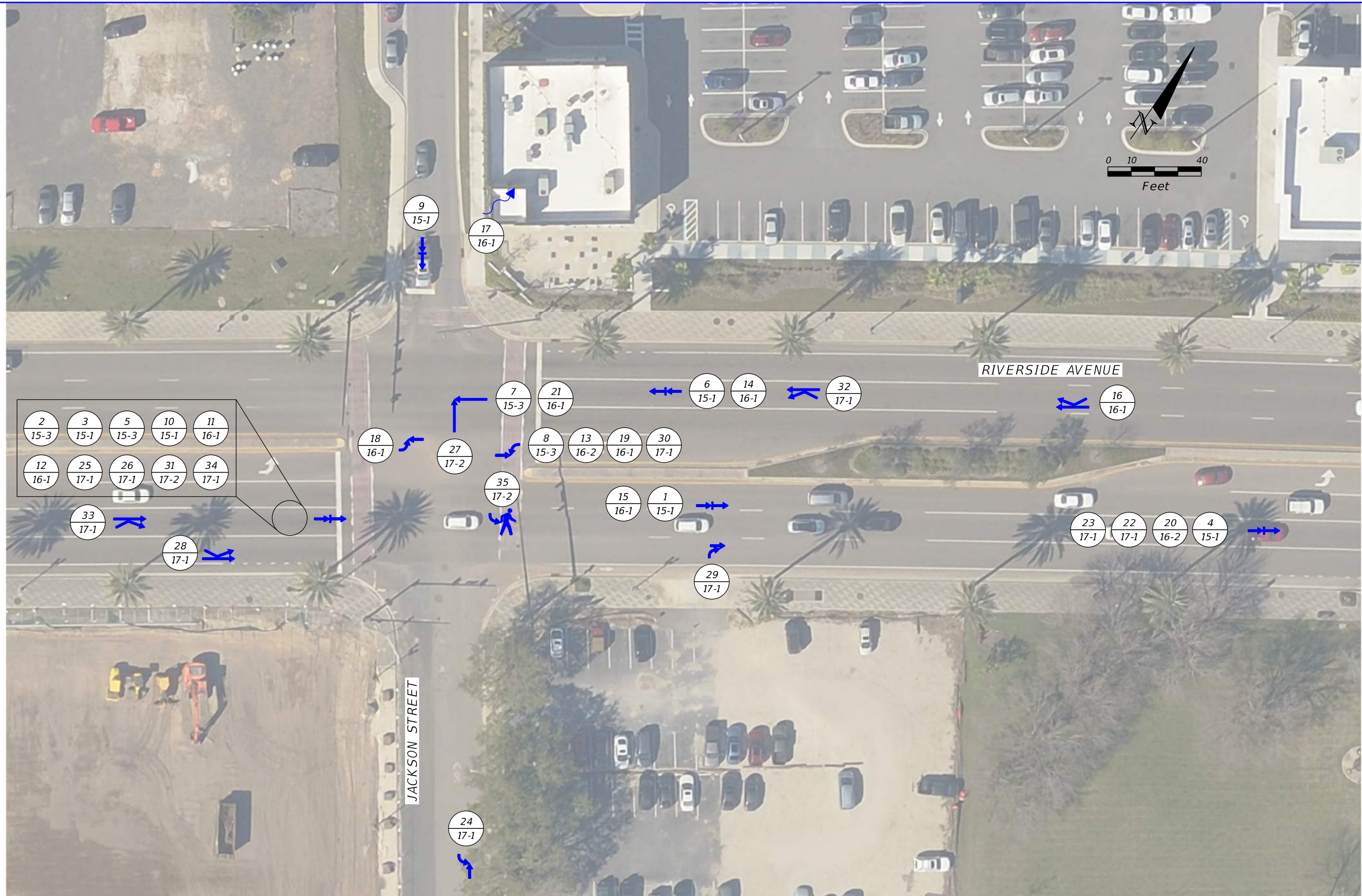
PETERS AND YAFFEE, INC.
 9822 TAPESTRY PARK CIRCLE, SUITE 205
 JACKSONVILLE, FL 32246

COLLISION DIAGRAMS
RIVERSIDE AVENUE

SHEET NO.
 R-2



<p>CRASH NUMBER</p> <p>YEAR</p> <p>XX-X</p>	<p>INJURY SEVERITY</p> <p>1 = NO INJURY</p> <p>2 = POSSIBLE INJURY</p> <p>3 = NON-INCAPACITATING</p> <p>4 = INCAPACITATING</p> <p>5 = FATALITY</p>	<p>PEDESTRIAN</p> <p>FATALITY</p>	<p>BICYCLE</p> <p>VEHICLE DIRECTION</p>	<p>PETERS AND YAFFEE, INC.</p> <p>9822 TAPESTRY PARK CIRCLE, SUITE 205</p> <p>JACKSONVILLE, FL 32246</p>	<p>COLLISION DIAGRAMS</p> <p>RIVERSIDE AVENUE</p>	<p>SHEET NO.</p> <p>R-3</p>
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CRASH NUMBER: INJURY SEVERITY:
 1 = NO INJURY
 2 = POSSIBLE INJURY
 3 = NON-INCAPACITATING
 4 = INCAPACITATING
 5 = FATALITY

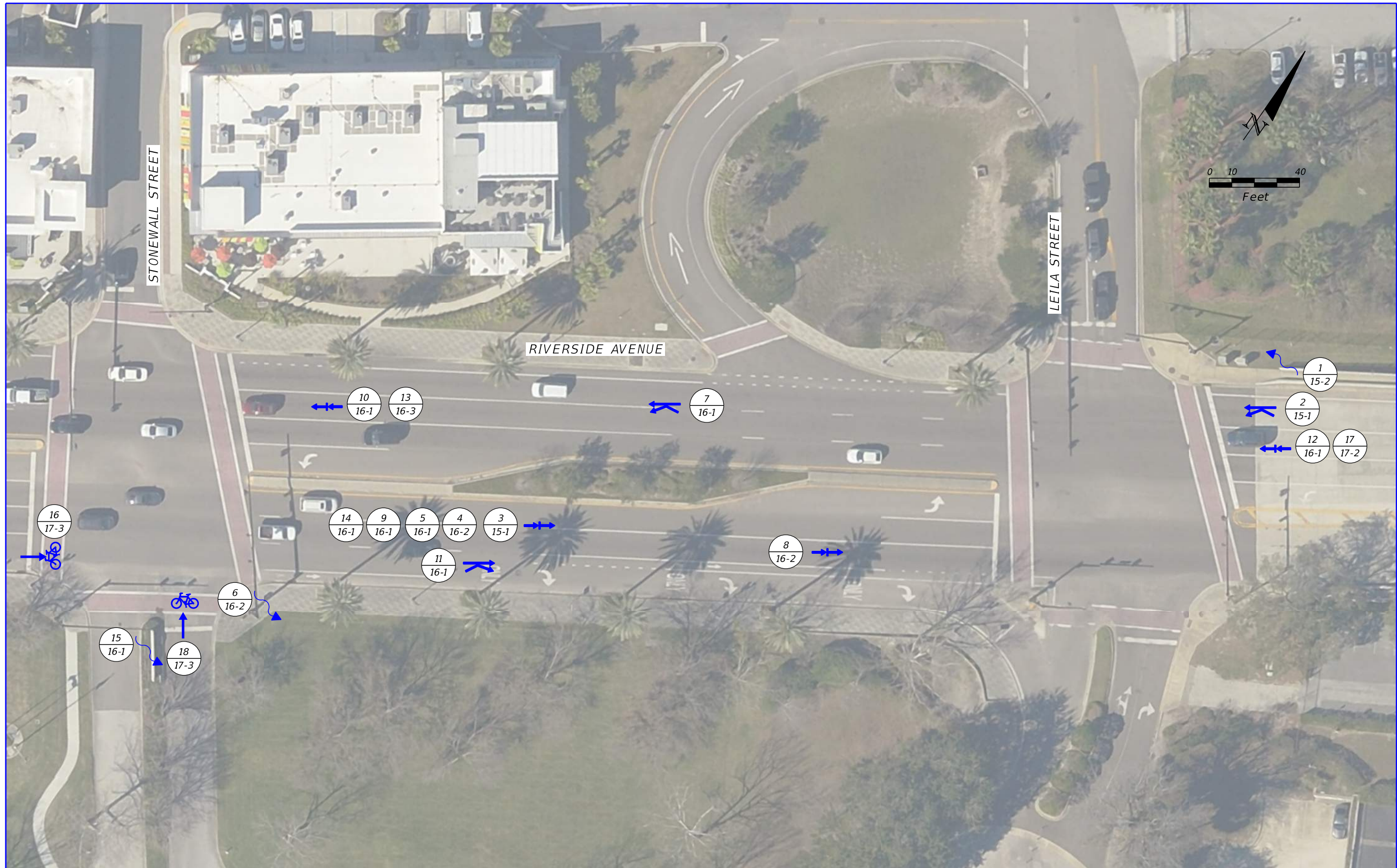
PEDESTRIAN
 BICYCLE
 VEHICLE DIRECTION

FATALITY

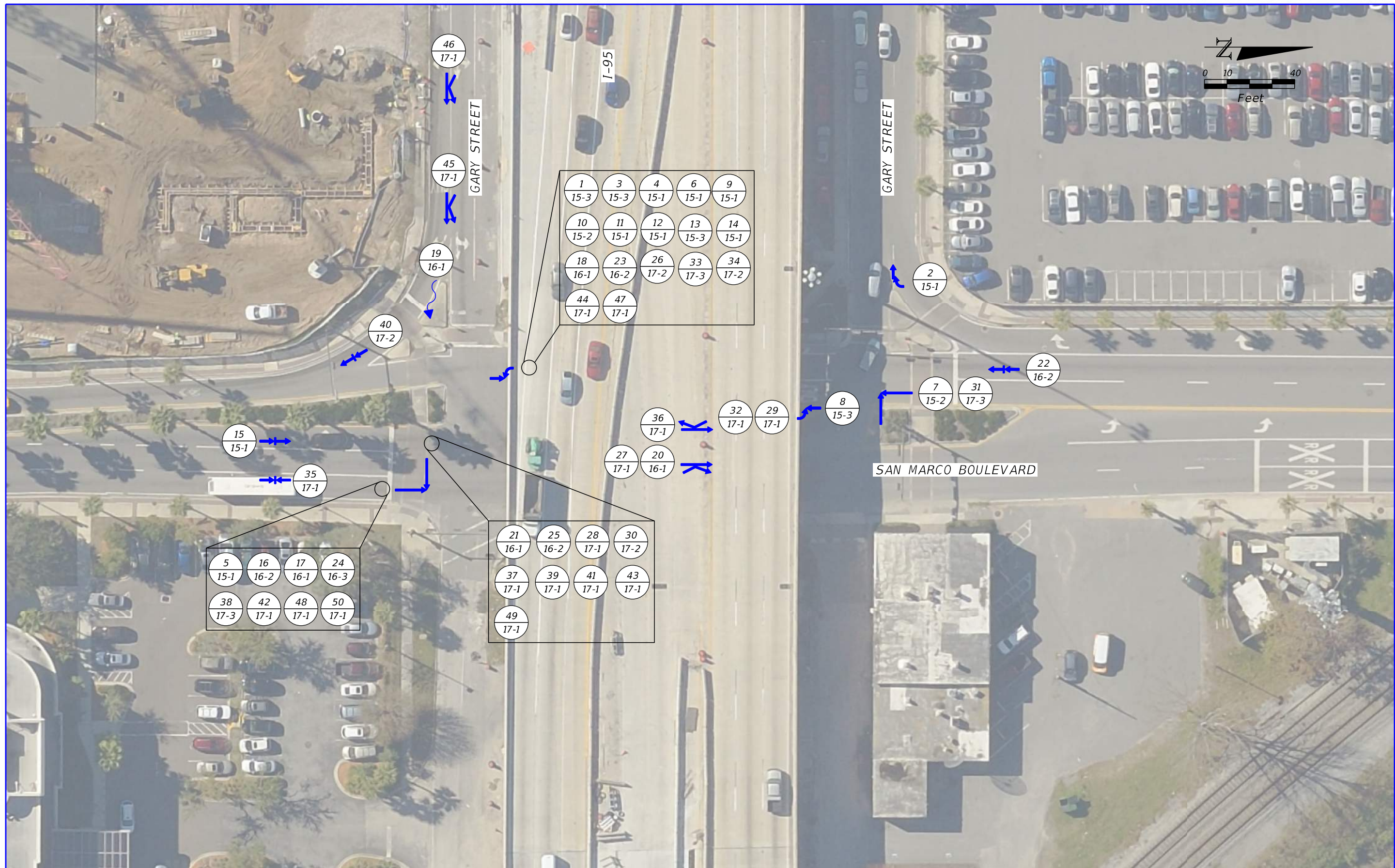
PETERS AND YAFFEE, INC.
 9822 TAPESTRY PARK CIRCLE, SUITE 205
 JACKSONVILLE, FL 32246

COLLISION DIAGRAMS
RIVERSIDE AVENUE

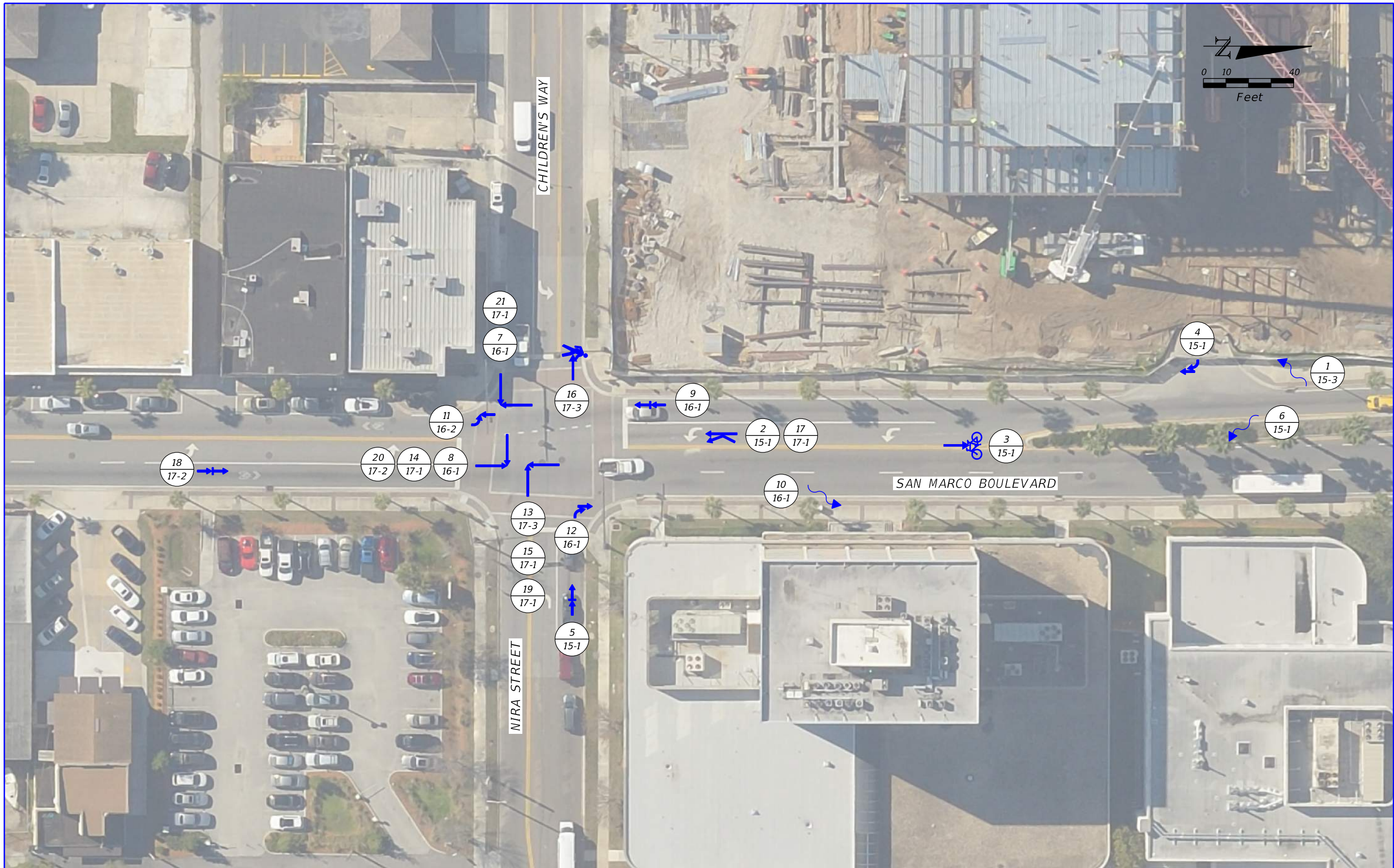
SHEET NO.
 R-4



<p>CRASH NUMBER</p> <p>YEAR</p> <p>INJURY SEVERITY</p> <p>1 = NO INJURY</p> <p>2 = POSSIBLE INJURY</p> <p>3 = NON-INCAPACITATING</p> <p>4 = INCAPACITATING</p> <p>5 = FATALITY</p>	<p>PEDESTRIAN</p> <p>FATALITY</p>	<p>BICYCLE</p> <p>VEHICLE DIRECTION</p>	<p>PETERS AND YAFFEE, INC.</p> <p>9822 TAPESTRY PARK CIRCLE, SUITE 205</p> <p>JACKSONVILLE, FL 32246</p>	<p>COLLISION DIAGRAMS</p> <p>RIVERSIDE AVENUE</p>	<p>SHEET NO.</p> <p>R-5</p>
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<p>CRASH NUMBER</p> <p>YEAR</p> <p>XX-X</p>	<p>INJURY SEVERITY</p> <p>1 = NO INJURY</p> <p>2 = POSSIBLE INJURY</p> <p>3 = NON-INCAPACITATING</p> <p>4 = INCAPACITATING</p> <p>5 = FATALITY</p>	<p>PEDESTRIAN</p> <p>FATALITY</p>	<p>BICYCLE</p> <p>VEHICLE DIRECTION</p>	<p>PETERS AND YAFFEE, INC.</p> <p>9822 TAPESTRY PARK CIRCLE, SUITE 205</p> <p>JACKSONVILLE, FL 32246</p>	<p>COLLISION DIAGRAMS</p> <p>SAN MARCO BOULEVARD</p>	<p>SHEET NO.</p> <p>SM-1</p>
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<p>CRASH NUMBER</p> <p>YEAR</p> <p>XX-X</p>	<p>INJURY SEVERITY</p> <p>1 = NO INJURY</p> <p>2 = POSSIBLE INJURY</p> <p>3 = NON-INCAPACITATING</p> <p>4 = INCAPACITATING</p> <p>5 = FATALITY</p>	<p>PEDESTRIAN</p> <p>FATALITY</p>	<p>BICYCLE</p> <p>VEHICLE DIRECTION</p>	<p>PETERS AND YAFFEE, INC.</p> <p>9822 TAPESTRY PARK CIRCLE, SUITE 205</p> <p>JACKSONVILLE, FL 32246</p>	<p><i>COLLISION DIAGRAMS</i></p> <p><i>SAN MARCO BOULEVARD</i></p>	<p>SHEET NO.</p> <p>SM-2</p>
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