

2013-2014

Crash Summary Report



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2013-2014 Crash Summary Report

Prepared by:

Sarasota County Public Works
Traffic Engineering & Operations Division



This publication is a statistical summary review of motor, pedestrian and bicycle related crashes in Sarasota County for the calendar year of 2013 and 2014.

Data Courtesy of:

Florida's Integrated Report Exchange System (FIRES) by the Florida Department of Highway Safety and Motor Vehicles (FLDHSMV), Florida Highway Patrol, Sarasota County Sheriff's Department, Sarasota Police Department, Longboat Key Police Department, North Port Police Department, Venice Police Department, City of Sarasota, City of Venice, and City of North Port.

This summary report does not constitute a standard specification or regulation.

Introduction

The purpose of the Crash Summary is to provide statistical information about the crashes reported to the County for the calendar year 2013 and 2014. In 2013, staff implemented a new application called Web-Based Crash Data Management System (WebCDMS). With the aid of the new web-based application, crash data can now be efficiently used to aid in crash data analysis/reporting, internal and external customer support, road safety audit/traffic study support and safety project identification.

Effective safety improvements rely on a careful analysis of traffic crash data. The crash data is analyzed as part of multiple data sets that include different parameters, such as crash type, time of day the crash occurred, day of week the crash occurred, month of year the crash occurred, severity of the crash, rankings based on crash rates, impact type of crash and location of crash. Sarasota County Transportation and Real Estate has been pursuing mitigation measure for the top 10 crash locations for signalized intersections to determine if any crash patterns are present and what countermeasure can be implemented to address the crash pattern using the Crash Solution Worksheet on page 27.

Crash rate is a metric used to evaluate crashes at various locations. The crash rate is useful because it takes into account not only the total number of crashes occurring at a specific location, but also the number of vehicles entering an intersection and the volume and length of a segment. The crash rates per Million Vehicles Entering (MVE) for intersections and per Million Vehicle Miles (MVM) for segments are computed according to the formula in the Traffic Engineering Handbook published by the Institute of Transportation Engineers as follows:

Crash Rate at Intersection:

$$\text{CrashRate} = \frac{\text{numberofcrashes} * 1,000,000}{\text{numberofyears} * 365 * \text{AADT}}$$

Crash Rate on Segment:

$$\text{CrashRate} = \frac{\text{numberofcrashes} * 1,000,000}{\text{numberofyears} * 365 * \text{AADT} * \text{SegmentLength}}$$

Where,

<i>number of crashes:</i>	Number of crashes per year
<i>number of years:</i>	Set as 1, since analysis is performed on an annual basis.
<i>AADT:</i>	Annual Average Daily Traffic (Volume of Traffic) on the segment or entering the intersection
<i>Segment Length:</i>	Length of segment in miles

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Crash rates for signalized intersections within the County typically range from a minimum of zero (i.e., no crashes) to approximately 3.5 MVE. Also, past records show that the top 10 intersections generally have crash rates greater than 2.0 MVE. Thus the County considers a crash rate equal to or greater than 2.0 MVE as a critical rate. Intersections that exceed this threshold are selected for further study and reviewed to recommend potential corrective measures for improvements.

Sarasota County

2013-2014 Traffic Crash Summary

BREAKDOWN OF ALL CRASHES	2013	2014
TRAFFIC CRASHES	8,624	8,770
DRIVERS INVOLVED	17,543	16,800
FATAL CRASHES	34	36
INJURY CRASHES	2,235	2,316
PEDESTRIAN RELATED CRASHES	131	123
BICYCLIST RELATED CRASHES	181	163
AMOUNT OF PROPERTY DAMAGE (\$)	1,667,488	1,381,538

BREAKDOWN OF ALL FATALITY CRASHES	2013	2014
FATAL CRASHES	33	36
FATALITIES	34	36

BREAKDOWN OF ALL INJURIES	2013	2014
INJURY CRASHES	2,235	2,316
INJURIES	2,479	2,569
INCAPACITATING	212	270
NON-INCAPACITATING	878	940
POSSIBLE INJURY	1,763	1,359

BREAKDOWN OF ALCOHOL RELATED CRASHES	2013	2014
ALCOHOL RELATED CRASHES	351	372
ALCOHOL RELATED FATAL CRASHES	16	3
ALCOHOL RELATED INJURY CRASHES	172	157

OTHER FACTS	2013	2014
MOST COMMON MANNER OF COLLISION	REAR-END	REAR-END
MOST COMMON LOCATION OF COLLISION	NON-JUNCTION	NON-JUNCTION
MOST COMMON MANNER OF COLLISION THAT RESULTED IN A FATALITY	ANGLE	ANGLE
MOST COMMON DRIVER VIOLATION	CARELESS DRIVING	CARELESS DRIVING

Driver Contributing Circumstances

DRIVER ACTION	2013	2014
DISREGARDED OTHER ROAD MARKINGS	4	7
DISREGARDED OTHER TRAFFIC SIGNS	7	15
DROVE TOO FAST FOR CONDITIONS	85	130
EXCEEDED POSTED SPEED LIMIT	9	7
FAILED TO KEEP IN PROPER LANE	97	178
FAILED TO YIELD RIGHT-OF-WAY	653	892
FOLLOWED TOO CLOSELY	135	213
IMPROPER BACKING	159	201
IMPROPER PASSING	28	251
IMPROPER TURN	72	124
NO CONTRIBUTING ACTION INDICATED	808	884
OPERATED MV IN CARELESS OR NEGLIGENT MANNER	1,841	2,539
OPERATED MV IN ERRATIC, RECKLESS OR AGGRAVATED MANNER	33	32
OVERCORRECTING/OVERSTEERING	27	37
RAN OFF ROADWAY	90	81
RAN RED LIGHT	78	88
RAN STOP SIGN	19	58
SWERVED OR AVOIDED	40	36
WRONG SIDE OF WRONG WAY	15	22
OTHER CONTRIBUTING ACTIONS	748	840
NO DATA	3,676	2,135

DRIVER INATTENTION AND DISTRACTION	2013	2014
DRIVER DISTRACTED BY ELECTRONIC COMMUNICATION DEVICE (CELL PHONE, TEXTING, ETC.)	103	109
DRIVER DISTRACTED BY OTHER DEVICE (NAVIGATION DEVICE, DVD PLAYER, ETC.)	21	21
DRIVER DISTRACTED BY OTHER INSIDE THE VEHICLE	108	133
DRIVER DISTRACTED BY EXTERNAL DISTRACTION	88	108
INATTENTIVE	435	651
NOT DISTRACTED	3,542	4,622
NO DATA	4,327	3,126

Collision Factors

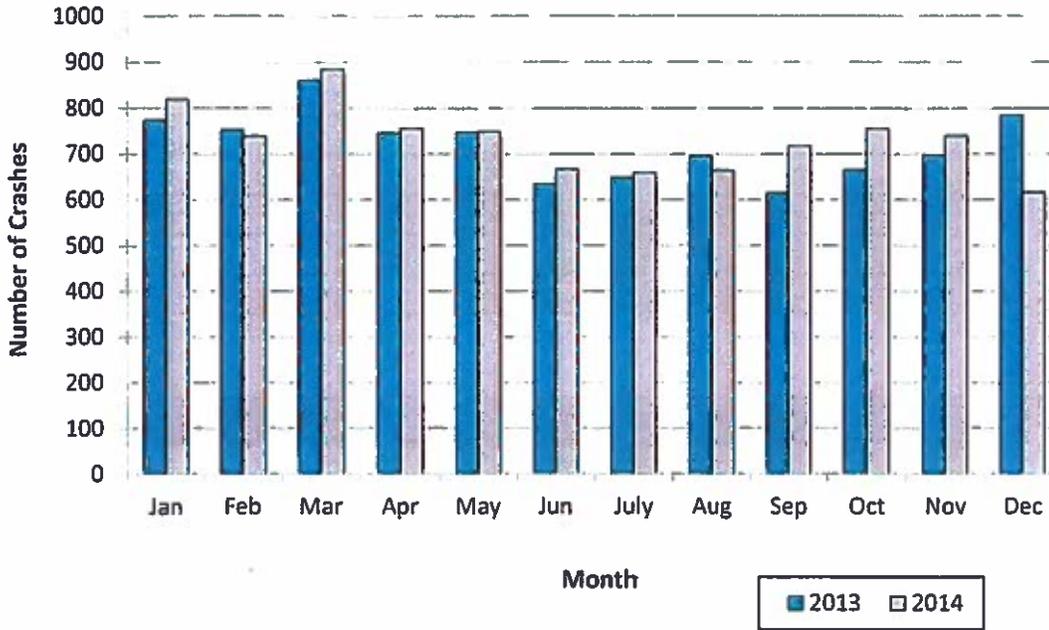
ROAD SURFACE CONDITIONS	2013	2014
DRY	6,231	6,708
ICE/FROST	0	1
WET	967	1,250
WATER (STANDING, MOVING)	6	4
SAND/MUD/DIRT	8	14
OTHER	6	11
NO DATA	1,406	782

LIGHTING CONDITIONS	2013	2014
DAYLIGHT	5,425	6,063
DARK-LIGHTED	1,042	1,129
DARK-NOT LIGHTED	460	462
DUSK	234	222
DAWN	75	98
DARK-UNKNOWN LIGHTING	21	11
OTHER	3	13
NO DATA	1,364	772

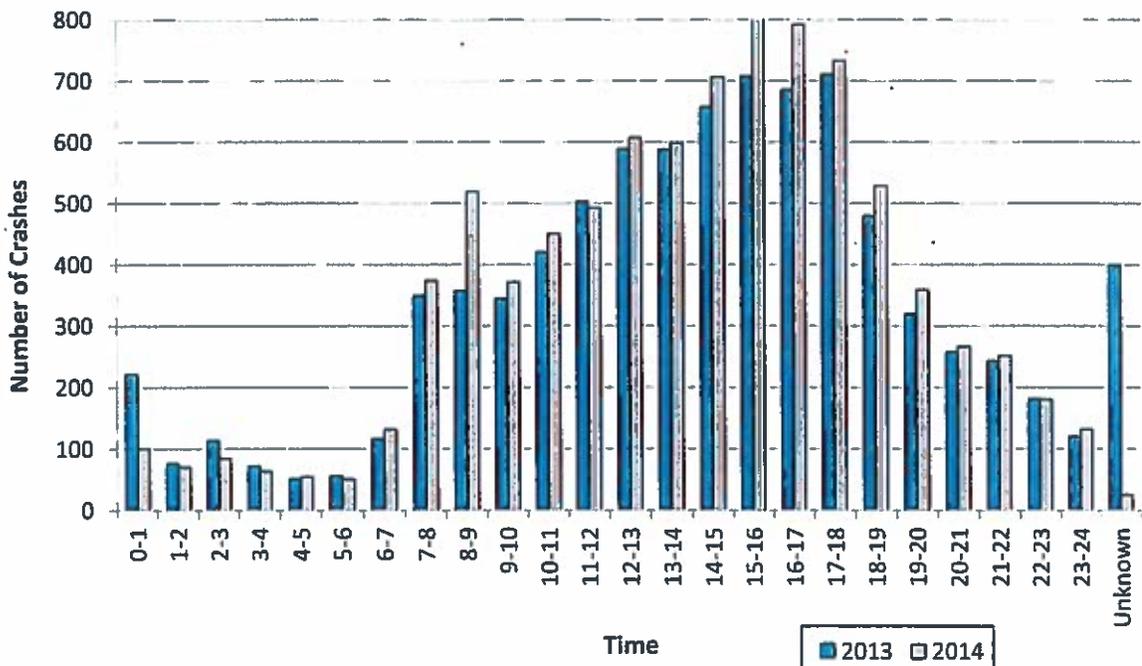
AT FAULT VEHICLE TYPE	2013	2014
PASSENGER CAR	4,196	4,609
PASSENGER VAN	402	398
PICKUP	865	959
SPORT UTILITY VEHICLE (SUV)	1,092	1,233
MOTORCYCLES	119	135
MOPED	26	32
BUS	33	50
CARGO VAN (10,000 LBS)	51	62
OTHER LIGHT TRUCKS (10,000 LBS)	85	92
MEDIUM/HEAVY TRUCKS (> 10,000 LBS)	127	133
OTHER	55	77
NO DATA	1,573	990



Crashes by Month Summary

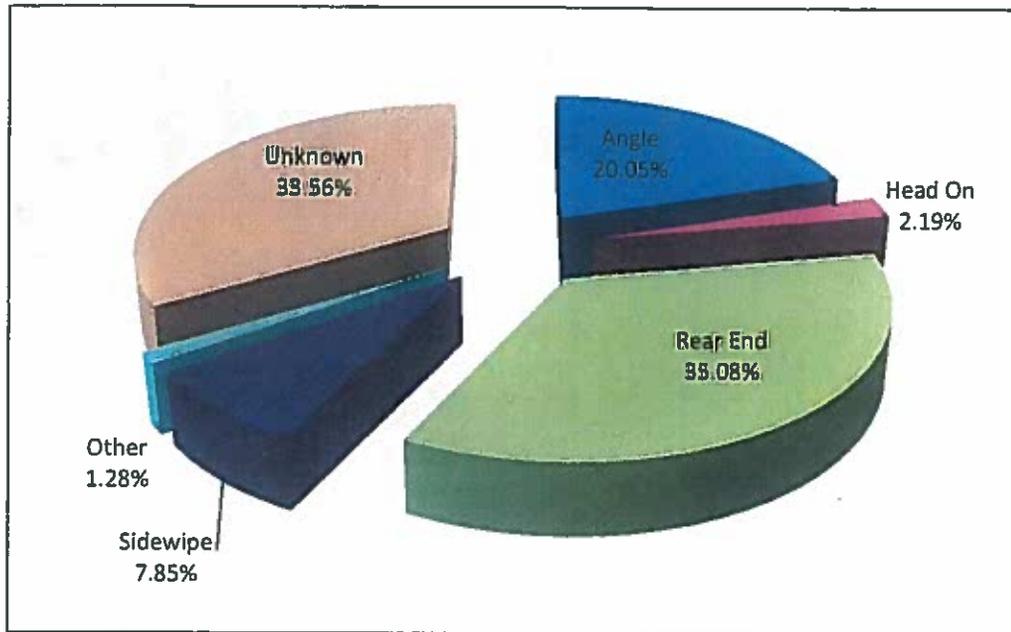


Crashes by Time of Day Summary

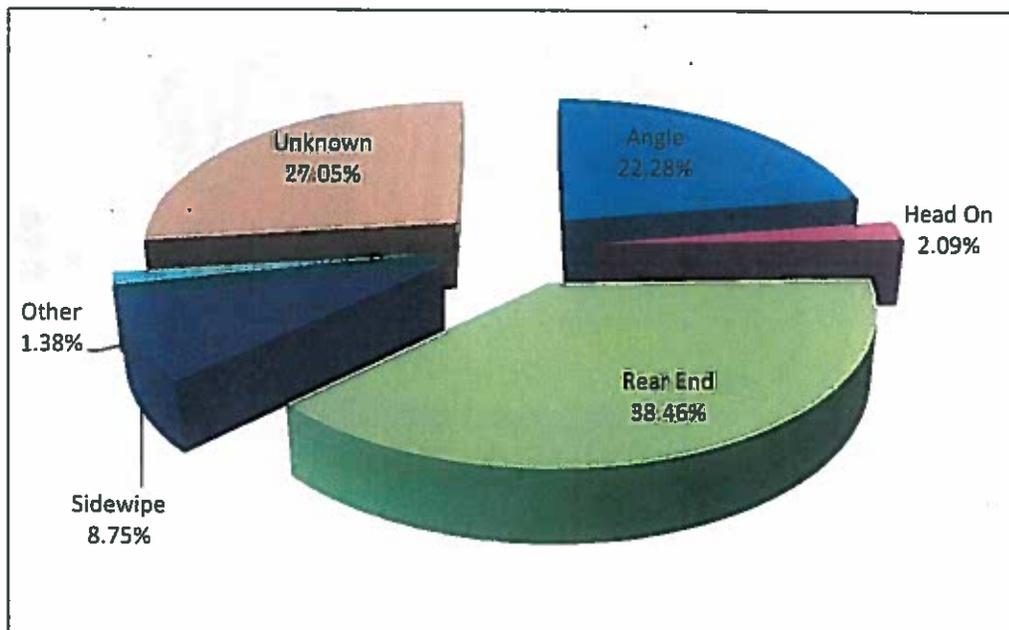


Impact Type Summary

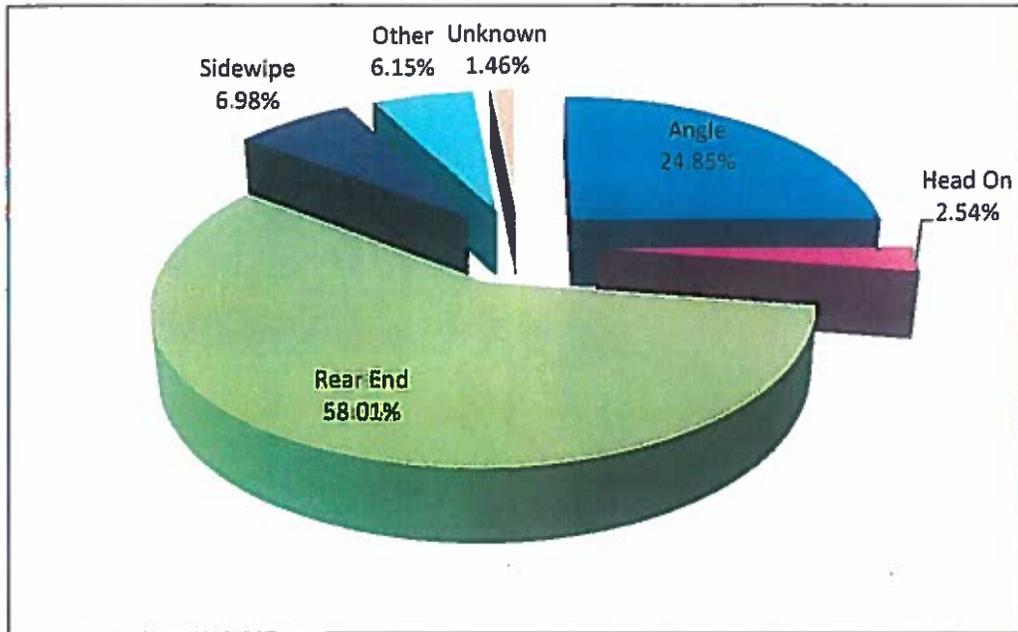
At All Intersections, 2013



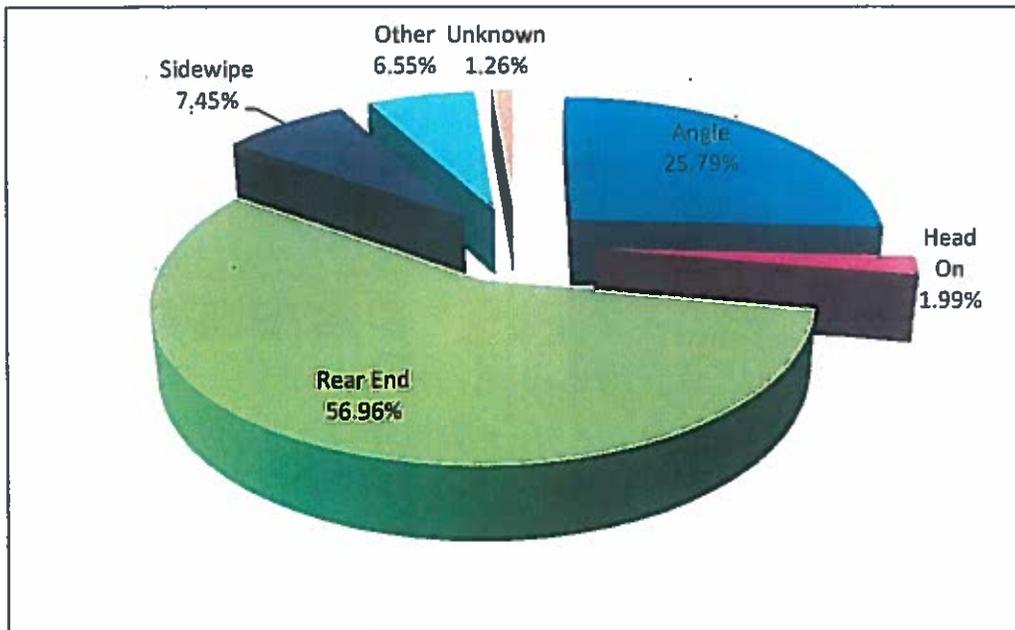
At All Intersections, 2014



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At Signalized Intersections, 2013



At Signalized Intersections, 2014



Signalized Intersection Crash Rate Ranking Summary

(Sarasota County Maintained Roads and Some State Roads)

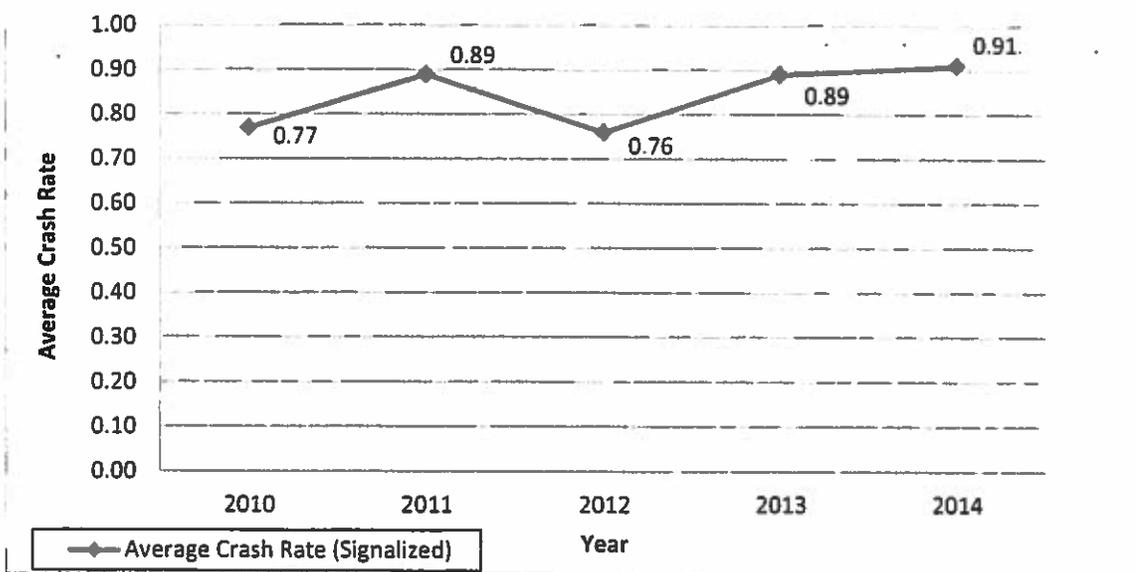
Rank	Index #	Signalized Intersections		Rank			
		Main Route	Minor Route	2011	2012	2013	2014
1	5722	Price Blvd	Sumter Blvd	2	2	1	1
2	5684	US-41	Sumter Blvd	1	1	2	3
3	5505	Bee Ridge Rd (SR 758)	Beneva Rd	3	6	3	5
4	5705	Clark Rd (SR 72)	Honore Ave	5	9	9	12
5	5511	Clark Rd (SR 72)	Beneva Rd	14	3	11	15
6	5507	Bee Ridge Rd (SR 758)	McIntosh Rd	4	4	5	
7	5596	US-41	Jacaranda Blvd		16	4	2
8	12563	Proctor Rd	Cattlemen Rd		11	6	7
9	5569	US-41	River Rd		5	10	10
10	5509	Bee Ridge Rd (SR 758)	Tuttle Ave/Swift Rd	10		8	11
11	5594	Fruitville Rd (SR 780)	Cattlemen Rd / N Cattlemen Rd	6	13	12	
12	5606	Fruitville Rd (SR 780)	Honore Ave	12		7	14
13	5546	Proctor Rd	Swift Rd	13	7	13	
14	5736	US-41	Salford Blvd	7			6
15	16134	Beneva Rd	Circus Blvd			20	4
16	16538	Lockwood Ridge Rd	12th St			17	9
17	5572	Clark Rd (SR 72)	McIntosh Rd	8	19		
18	13452	Bee Ridge Rd (SR 758)	Cattlemen Rd	19		15	
19	City	US 41	Venice Ave	17	20		
20	5532	US-41 Bypass	Venice Ave		8		

* Not among top 20

* Crash rate ranking summary is the average rank based on the frequency.

Average Crash Rate at Signalized Intersections (2010-2014)

(Sarasota County Maintained Roads and Some State Roads)



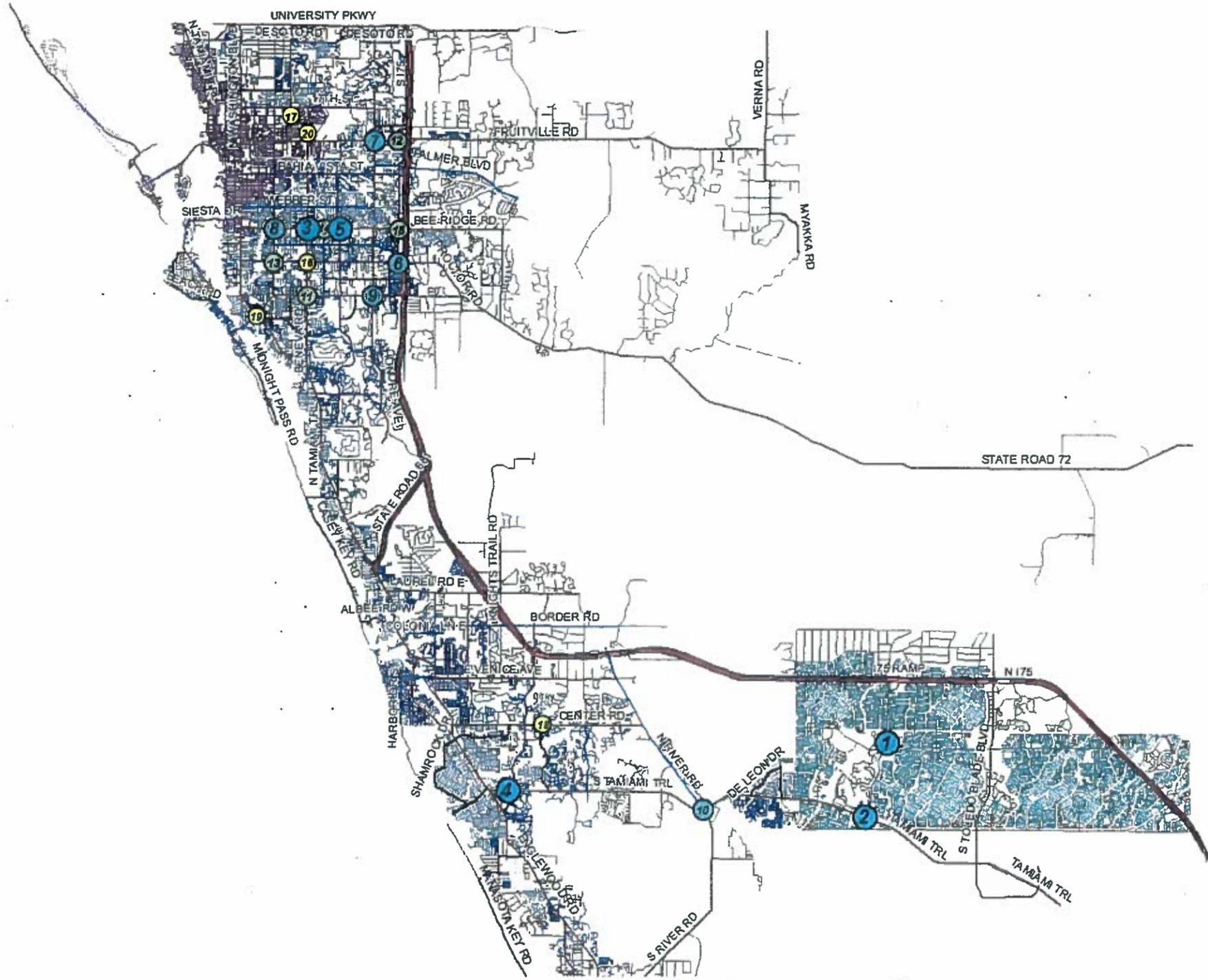
Signalized Intersection Summary

(Sarasota County Maintained Roads and Some State Roads)

Top 20 Highest Crash Signalized Intersections, 2013

Rank	Index #	Signalized Intersections		Jurisdiction	Crashes (2013)	AADT Count					Rate (2013)
		On Street	Cross Street			SB	NB	WB	EB	Total	
1	13-5564	Price Blvd	Sumter Blvd	City of North Port	23	5500	6900	3400	3400	19200	3.28
2	13-1707	US 41	Sumter Blvd	FDOT/North Port	39	6500	1300	14500	15000	37300	2.86
3	13-13455	Bee Ridge Rd	Beneva Rd	Sarasota County	67	12553	12848	18500	18500	62401	2.94
4	13-3194	US 41	Jacaranda Blvd	Sarasota County	42	9485	8873	12000	12000	42358	2.72
5	13-13425	Bee Ridge Rd	McIntosh Rd	Sarasota County	39	7495	7403	17500	18500	50898	2.10
6	13-12563	Proctor Rd	Cattlemen Rd	Sarasota County	14	8597	481	3290	6447	18815	2.04
7	13-15825	Fruitville Rd	Honore Ave	Sarasota County	47	8620	6244	26500	22550	63914	2.01
8	13-13469	Bee Ridge Rd	Tuttle Ave/Swift Rd	Sarasota County	39	10363	10295	18500	15000	54158	1.97
9	13-11735	Clark Rd	Honore Ave	Sarasota County	37	4624	7800	19500	19500	51424	1.97
10	13-2170	US 41	River Rd	Sarasota County	26	7450	5418	15000	9100	36968	1.93
11	13-11779	Clark Rd	Beneva Rd	Sarasota County	42	12121	12823	21000	19500	65444	1.76
12	13-15856	Fruitville Rd	Cattlemen Rd	Sarasota County	45	4300	13000	26500	27000	70800	1.74
13	13-12619	Proctor Rd	Swift Rd	Sarasota County	20	9606	9026	7000	6600	32232	1.70
14	13-13443	Bee Ridge Rd	Sawyer Rd	Sarasota County	24	50	2575	19000	18500	40125	1.64
15	13-13452	Bee Ridge Rd	Cattlemen Rd	Sarasota County	36	13000	12500	18000	17000	60500	1.63
16	13-12611	Beneva Rd	Proctor Rd	Sarasota County	22	12416	12903	6050	5949	37318	1.62
17	13-16538	Lockwood Ridge Rd	12th St	City of Sarasota	10	5826	4337	2823	4043	17029	1.61
18	13-6237	Center Rd	East Venice Blvd	Sarasota County	10	447	3777	5171	8102	17497	1.57
19	13-11353	US 41	Stickney Pt Rd	Sarasota County	42	24000	23000	14500	14000	75500	1.52
20	13-16134	Beneva Rd	Circus Blvd	City of Sarasota	12	9761	11693	350	0	21804	1.51

Top 20 Highest Crash Signalized Intersections, 2013



Legend

Ranking

- 1 - 5
- 6 - 10
- 11 - 15
- 16 - 20



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 Sarasota County, FL
 March 2012
 1" Resolution
 H.A.D. 1883 HARR State Plane Florida West FIPS 0902 (U.S. Survey Feet)



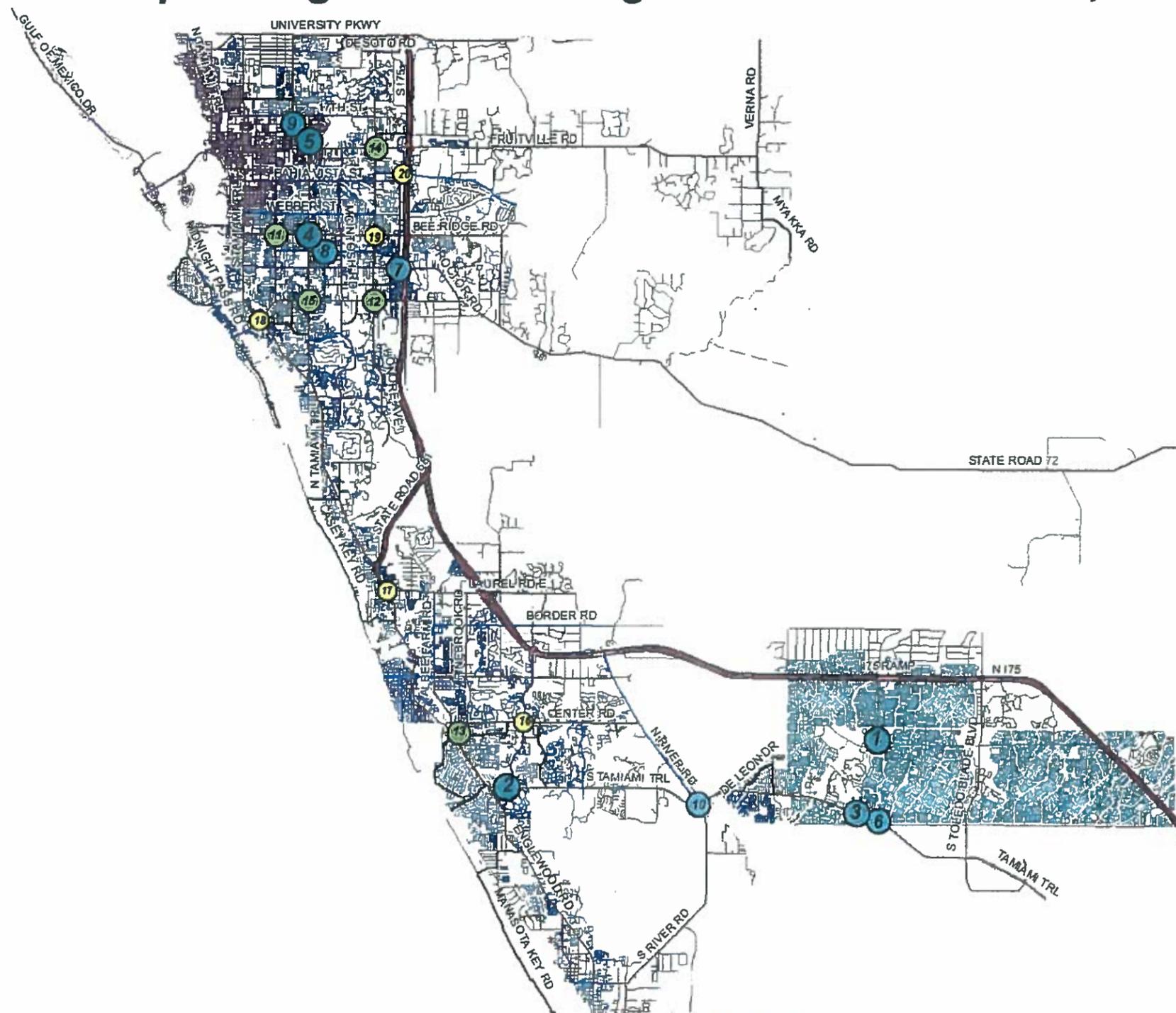
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Top 20 Highest Crash Signalized Intersections, 2014

Rank	Index #	Signalized Intersections		Jurisdiction	Crashes (2014)	AADT Count					Rate (2014)
		On Street	Cross Street			SB	NB	WB	EB	Total	
1	13-5564	Price Blvd	Sumter Blvd	City of North Port	21	5500	6900	3400	3400	19200	3.00
2	13-3194	US 41	Jacaranda Blvd	Sarasota County	44	9485	8873	12000	12000	42358	2.85
3	13-1707	US 41	Sumter Blvd	FDOT/North Port	37	6500	1300	14500	15000	37300	2.72
4	13-16134	Beneva Rd	Circus Blvd	City of Sarasota	20	9627	11626	350	0	21603	2.54
5	13-13455	Bee Ridge Rd	Beneva Rd	Sarasota County	53	12553	12848	18500	18500	62401	2.33
6	13-1168	US 41	Salford Blvd	Sarasota County	27	3700	0	15000	15000	33700	2.20
7	13-12563	Proctor Rd	Cattlemen Rd	Sarasota County	15	8597	481	3290	6447	18815	2.18
8	13-12959	Sawyer Rd	Wilkinson Rd	Sarasota County	7	2668	2783	2003	1917	9371	2.05
9	13-16538	Lockwood Ridge Rd	12th St	City of Sarasota	12	5496	4284	2823	4043	16646	1.98
10	13-2170	US 41	River Rd	Sarasota County	26	7450	5418	15000	9100	36968	1.93
11	13-13469	Bee Ridge Rd	Tuttle Ave/Swift Rd	Sarasota County	36	10363	10295	16500	16500	53658	1.84
12	13-11735	Clark Rd	Honore Ave	Sarasota County	34	4624	7800	19500	19500	51424	1.81
13	13-5885	Shamrock Blvd	Banyan Dr	Sarasota County	6	1500	1500	2899	3453	9352	1.76
14	13-15825	Fruitville Rd	Honore Ave	Sarasota County	39	8158	6671	24500	22550	61879	1.73
15	13-11779	Clark Rd	Beneva Rd	Sarasota County	41	12121	12823	21000	19500	65444	1.72
16	13-6247	Center Rd	Jacaranda Blvd	Sarasota County	24	12455	8784	8970	8551	38760	1.70
17	13-9415	US 41	Laurel Rd	Sarasota County	31	21000	21000	8000	1450	51450	1.65
18	13-11353	US 41	Stickney Pt Rd	Sarasota County	45	23000	23000	15000	14000	75000	1.64
19	13-15171	Palmer Blvd	Packinghouse Rd	Sarasota County	9	2000	3669	7557	2160	15386	1.60
20	13-13423	Bee Ridge Rd	Honore Ave	Sarasota County	29	4029	4780	21000	20500	50309	1.58

county
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Top 20 Highest Crash Signalized Intersections, 2014



- Legend**
- Ranking**
- 1 - 5
 - 6 - 10
 - 11 - 15
 - 16 - 20


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 N.A.D. 1983 HARR State Plane Florida West FIPS 0902 (U.S. Survey Feet)



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Segment Crash Summary

Top 30 Highest Crash Segments, 2013

Rank	ID #	Roadway Segment			Jurisdiction	No of Lanes	Segment Length	Date	AADT	Crashes	Rate
		Roadway Name	Limits								
1	39	Bay Rd/Osprey Ave (SR 758)	Siesta Dr	U.S. 41	FDOT/Sar	2	0.45	Jan-13	13,900	15	6.57
2	206	Shamrock Blvd	U.S. 41	Banyan	County	2	0.20	Sep-12	7,239	3	5.68
3	59.5	N Cattlemen Rd	Richardson Rd	Fruitville Rd (SR 780)	County	4	0.50	Apr-13	7,787	8	5.63
4	112	Gulf Gate Dr	U.S. 41	Gateway Ave	County	4	0.29	Jul-13	7,287	4	5.19
5	167	Ortiz Blvd	DeLeon Dr	U.S. 41	Co./NPI	2	0.90	Oct-12	1,524	2	3.99
6	60	Cattlemen Rd	Fruitville Rd (SR 780)	N. Packinghouse Rd	County	2	0.25	May-12	16,967	5	3.23
7	34	Bee Rldge Rd (SR 758)	Beneva Rd	Sawyer Rd	FDOT	6	0.50	Jan-13	37,500	22	3.21
8	121.5	Honore Ave	Richardson Rd	Fruitville Rd (SR 780)	County	2	0.45	Mar-13	17,742	9	3.09
9	149	Lockwood Ridge Road	Clark Rd	Markridge Rd	County	2	0.90	Jul-13	2,006	2	3.04
10	224	Swift Rd	Ashton Rd	Constitution Blvd	County	4	0.25	Jun-13	18,393	5	2.98
11	1	17th St	N East Ave	N Lime Ave	Co./Sar	4	0.26	Jan-13	15,069	4	2.80
12	33	Bee Ridge Rd (SR 758)	Lockwood Ridge	Beneva Rd	FDOT	6	0.50	Jan-13	37,000	18	2.67
13	58	Casey Key Rd	Blackburn Point Rd	Albee Rd	County	2	4.25	Jul-13	992	4	2.60
14	20.5	Bahia Vista St	Shade Ave	Euclid Ave	City/Sar	2	0.25	Mar-13	17,440	4	2.51
15	120	Honore Ave	Taywood Mdws	17th St	County	2	0.60	Mar-13	14,276	7	2.24
16	35	Bee Ridge Rd (SR 758)	Sawyer Rd	McIntosh Rd	FDOT	6	0.50	Jan-13	37,500	15	2.19
17	148	Lockwood Ridge Road	Ashton	Clark	County	2	0.50	Jul-13	2,585	1	2.12
18	168	Palmer Boulevard	Honore	Cattlemen	County	2	0.75	Apr-13	5,261	3	2.08
19	253	U.S.41 By-Pass (SR 45A)	Bird Bay	TJ Maxx Ent.	FDOT/Ven	6	0.25	Jan-13	37,000	7	2.07
20	196	Sawyer Rd	Bee Ridge	Helene	County	2	0.25	Jun-12	5,288	1	2.07
21	47	Beneva Rd	Bee Ridge Rd	Wilkinson Rd	County	4	0.50	May-13	24,074	9	2.05
22	159.91	McIntosh Rd	Sarasota Square Blvd	Central Sarasota Pkwy	County	2	0.6	Apr-13	6,737	3	2.03
23	157	McIntosh Rd	Webber St	Bee Ridge Rd	County	2	0.65	Apr-13	14,763	7	2.00
24	53	Beneva Road	K-Mart	U.S. 41	County	4	0.10	May-13	13,990	1	1.96
25	169.3	Palmer Boulevard	Packinghouse	Porter	County	2	0.19	Apr-13	15,064	2	1.91
26	70	Clark Road (SR 72)	Lockwood Ridge	Beneva	FDOT	6	0.50	Jan-13	35,500	12	1.85
27	217	Stickney Pt. Road (SR 72)	Gulf Gate Mail Dr	Gateway Ave	FDOT	6	0.25	Jan-13	30,000	5	1.83
28	74.5	Clark Road (SR 72)	Catamaran	I-75	FDOT	6	0.30	Jan-13	41,500	8	1.76
29	106	Fruitville (SR 780)	Cattlemen	I-75	FDOT	6	0.35	Jan-13	53,500	12	1.76
30	180.3	Proctor Road	Honore	Gantt	County	4	0.50	Jun-13	9,476	3	1.73

Venice



Top 30 Highest Crash Segments, 2014

Rank	ID #	Roadway Segment			Jurisdiction	No of Lanes	Segment Length	Date	AADT	Crashes	Rate
		Roadway Name	Limits								
1	147.3	Lockwood Ridge Rd	Webber St	Bee Ridge Rd	County	2	0.65	Jul-13	1,918	4	8.79
2	206	Shamrock Blvd	U.S. 41	Banyan Dr	County	2	0.20	Sep-12	7,239	4	7.57
3	132	Jacaranda Blvd	Border Rd	I-75	County	2	0.80	Jan-13	2,104	4	6.51
4	323	Wilkinson Rd	Honore Ave	Center Gate Blvd	County	2	0.15	Jun-13	3,159	1	5.78
5	59.5	N Cattlemen Rd	Richardson Rd	Fruitville Rd (SR 780)	County	4	0.50	Apr-13	7,787	7	4.93
6	214	South Venice Blvd	Lemon Bay Dr	U.S. 41	County	2	1.30	May-13	2,460	5	4.28
7	167	Ortiz Blvd	DeLeon Dr	U.S. 41	Co./NPI	2	0.90	Oct-12	1,524	2	3.99
8	39	Bay Rd/Osprey Ave	Siesta Dr	U.S. 41	FDOT/Sar	2	0.45	Jan-13	13,900	7	3.07
9	149	Lockwood Ridge Rd	Clark Rd	Markridge Rd	County	2	0.90	Jul-13	2,006	2	3.04
10	217	Sickney Point Rd (SR 72)	Gulf Gate Mall Dr	Gateway Ave	FDOT	6	0.25	Jan-13	30,000	8	2.92
11	168	Palmer Blvd	Honore Ave	Cattlemen Rd	County	2	0.75	Apr-13	5,261	4	2.78
12	121.5	Honore Ave	Richardson Rd	Fruitville Rd (SR 780)	County	2	0.45	Mar-13	17,742	8	2.75
13	32	Bee Ridge Road (SR 758)	Tuttle/Swift	Murdock	FDOT	6	0.35	Jan-13	37,000	12	2.54
14	20	Bahia Vista St	U.S. 41	Shade Ave	City/Sar	2	0.50	Mar-13	16,496	7	2.33
15	70	Clark Rd (SR 72)	Lockwood Ridge Rd	Beneva Rd	FDOT	6	0.50	Jan-13	35,500	15	2.32
16	47	Beneva Rd	Bee Ridge Rd	Wilkinson Rd	County	4	0.50	May-13	24,074	10	2.28
17	164	Ocean Blvd	Higel Ave	Beach Rd	County	2	2.40	Jul-13	7,206	14	2.22
18	46	Beneva Rd	Webber St	Bee Ridge Rd	County	4	0.65	May-13	25,801	13	2.12
19	65	Center Rd	U.S. 41	U.S. 41 By Pass	County	2	0.30	Sep-12	8,617	2	2.12
20	148	Lockwood Ridge Rd	Ashton Rd	Clark Rd (SR 72)	County	2	0.50	Jul-13	2,585	1	2.12
21	1	17th St	N East Ave	N Lime Ave	Co./Sar	4	0.28	Jan-13	15,069	3	2.10
22	41	Beneva Rd	17th St	12th St	Co./Sar	4	0.25	Mar-13	16,456	3	2.00
23	53	Beneva Rd	K-Mart	U.S. 41	County	4	0.10	May-13	13,990	1	1.96
24	34	Bee Ridge Rd (SR 758)	Beneva Rd	Sawyer Rd	FDOT	6	0.50	Jan-13	37,500	13	1.90
25	20.5	Bahia Vista St	Shade Ave	Euclid Ave	City/Sar	2	0.25	Mar-13	17,440	3	1.89
26	35	Bee Ridge Rd (SR 758)	Sawyer Rd	McIntosh Rd	FDOT	6	0.50	Jan-13	37,500	12	1.75
27	223	Swift Rd	Proctor Rd	Ashton Rd	County	4	0.50	Jul-12	18,883	6	1.74
28	30	Bee Ridge Road (SR 758)	U.S. 41	Shade	FDOT	6	0.50	Jan-13	45,500	14	1.69
29	120	Honore Ave	Taywood Mdws	17th St	County	2	0.60	Mar-13	14,276	5	1.60
30	233.5	Tuttle Ave	Browning St	Bahia Vista St	City/Sar	4	0.25	Feb-13	27,520	4	1.59

county

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Pedestrian Related Crash Summary

BREAKDOWN OF PEDESTRIAN RELATED CRASHES	2013	2014
TOTAL NUMBER OF PEDESTRIAN CRASHES	131	123

BREAKDOWN OF PEDESTRIAN FATALITIES	2013	2014
IN ALL CRASHES	7	10
IN ALCOHOL RELATED CRASHES	5	1
IN SPEEDING RELATED CRASHES	0	0
AGGRESSIVE DRIVING	0	1

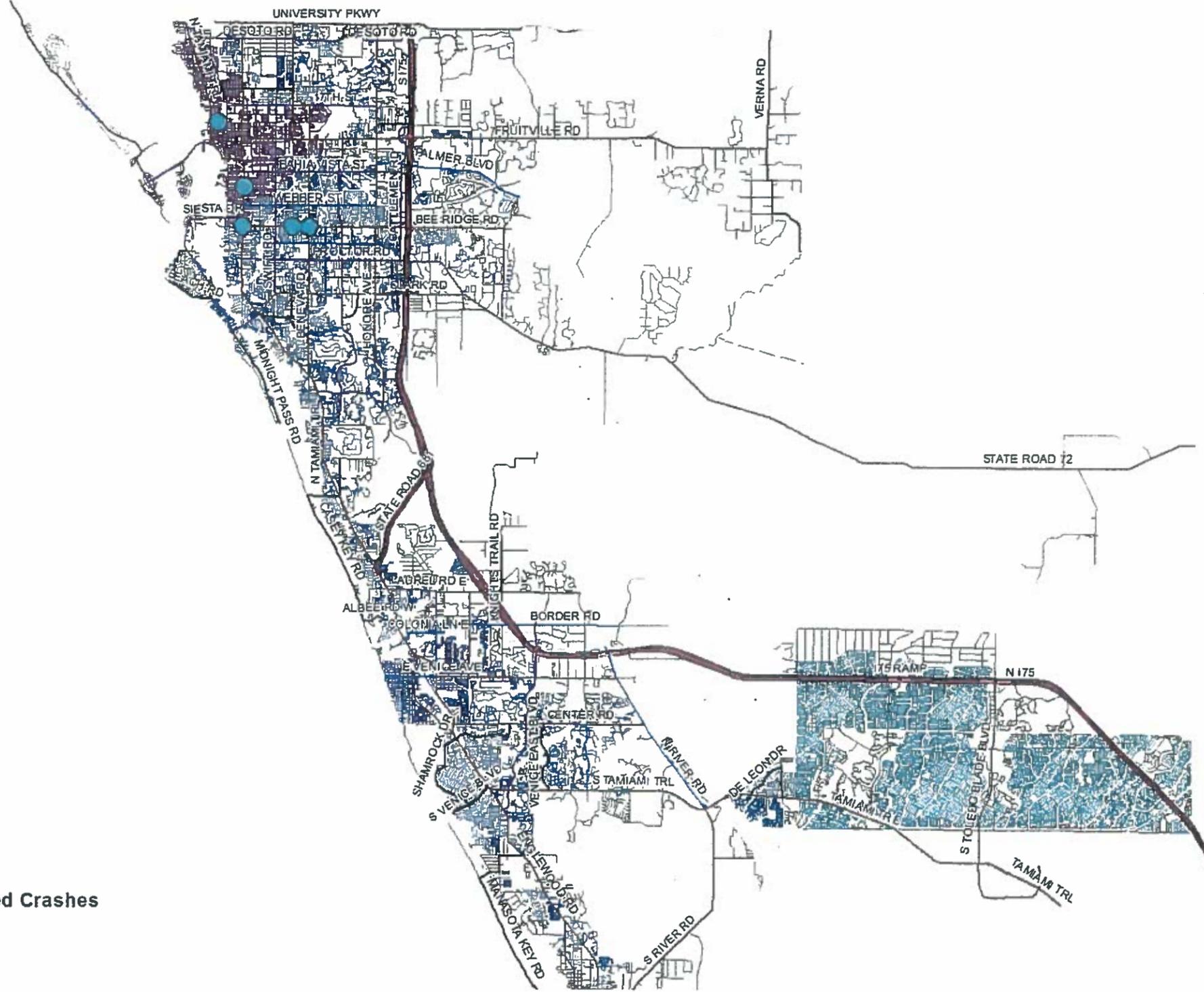
BREAKDOWN OF PEDESTRIAN INJURIES	2013	2014
IN ALL CRASHES	102	101
INCAPACITATING	24	29
NON-INCAPACITATING	50	44
POSSIBLE INJURY	28	28
IN ALCOHOL RELATED CRASHES	10	12
IN SPEEDING RELATED CRASHES	0	0
AGGRESSIVE DRIVING	17	20

✓
No Venice

Location with 2 or more Pedestrian Related Crashes, 2013

ID	ON STREET	CROSS STREET	TOTAL CRASHES	TOTAL FATALITIES	TOTAL INJURIES	INCAPACITATING	NON- INCAPACITATING	POSSIBLE INJURY
14589	US 41	Hillview St	2	1	1	0	1	0
13462	Bee Ridge Rd	Beneva Rd	2	0	2	2	0	0
13484	US 41	Bee Ridge Rd	2	0	2	0	2	0
14589	Bee Ridge Rd	Lockwood Ridge Rd	2	0	1	0	1	0
14667	John Ringling Blvd	Washington Dr	2	0	1	0	0	1
16363	10th St	Central Ave	2	1	1	0	0	1

Location with 2 or more Pedestrian Related Crashes, 2013



Legend
 No. of Pedestrian Related Crashes
 ● 2


Sarasota County
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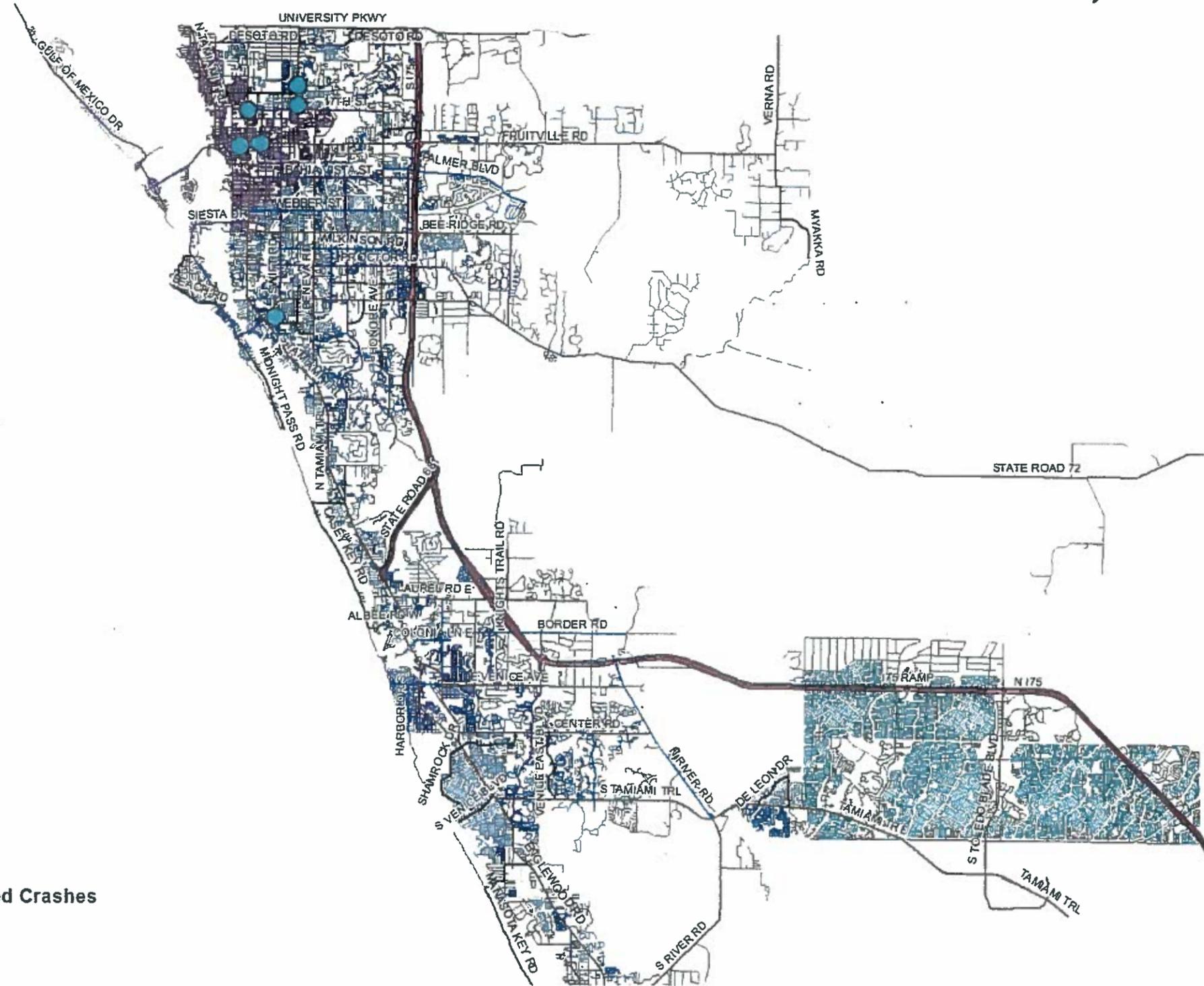
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✓ No Venice

Location with 2 or more Pedestrian Related Crashes, 2014

ID	ON STREET	GROSS STREET	TOTAL GRASHES	TOTAL FATALITIES	TOTAL INJURIES	INCAPACITATING	NON-INGAPACITATING	POSSIBLE INJURY
11388	Gateway Ave	Mall Dr	2	0	2	1	1	0
15739	S Osprey Ave	Main St	2	0	2	0	2	0
15817	Fruitville Rd	N Lime Ave	2	0	2	2	0	0
16757	US 301	17th St	2	0	1	0	1	0
16886	Lockwood Ridge Rd	Monica Pkwy	2	1	0	0	0	1
17389	Lockwood Ridge Rd	Gocio Rd	2	0	1	0	1	1

Location with 2 or more Pedestrian Related Crashes, 2014



Legend

No. of Pedestrian Related Crashes

● 2

Bicyclist Related Crash Summary

BREAKDOWN OF BICYCLIST RELATED CRASHES	2013	2014
TOTAL NUMBER OF BICYCLE RELATED CRASHES	183	163

BREAKDOWN OF BICYCLIST FATALITIES	2013	2014
IN ALL CRASHES	2	2
IN ALCOHOL RELATED CRASHES	1	1
IN SPEEDING RELATED CRASHES	0	0
BICYCLIST NOT USING SAFETY DEVICE	0	0
AGGRESSIVE DRIVING	1	1

BREAKDOWN OF BICYCLIST INJURIES	2013	2014
IN ALL CRASHES	155	146
INCAPACITATING	24	21
NON-INCAPACITATING	77	80
POSSIBLE INJURY	54	45
IN ALCOHOL RELATED CRASHES	10	4
IN SPEEDING RELATED CRASHES	0	0
AGGRESSIVE DRIVING	62	46

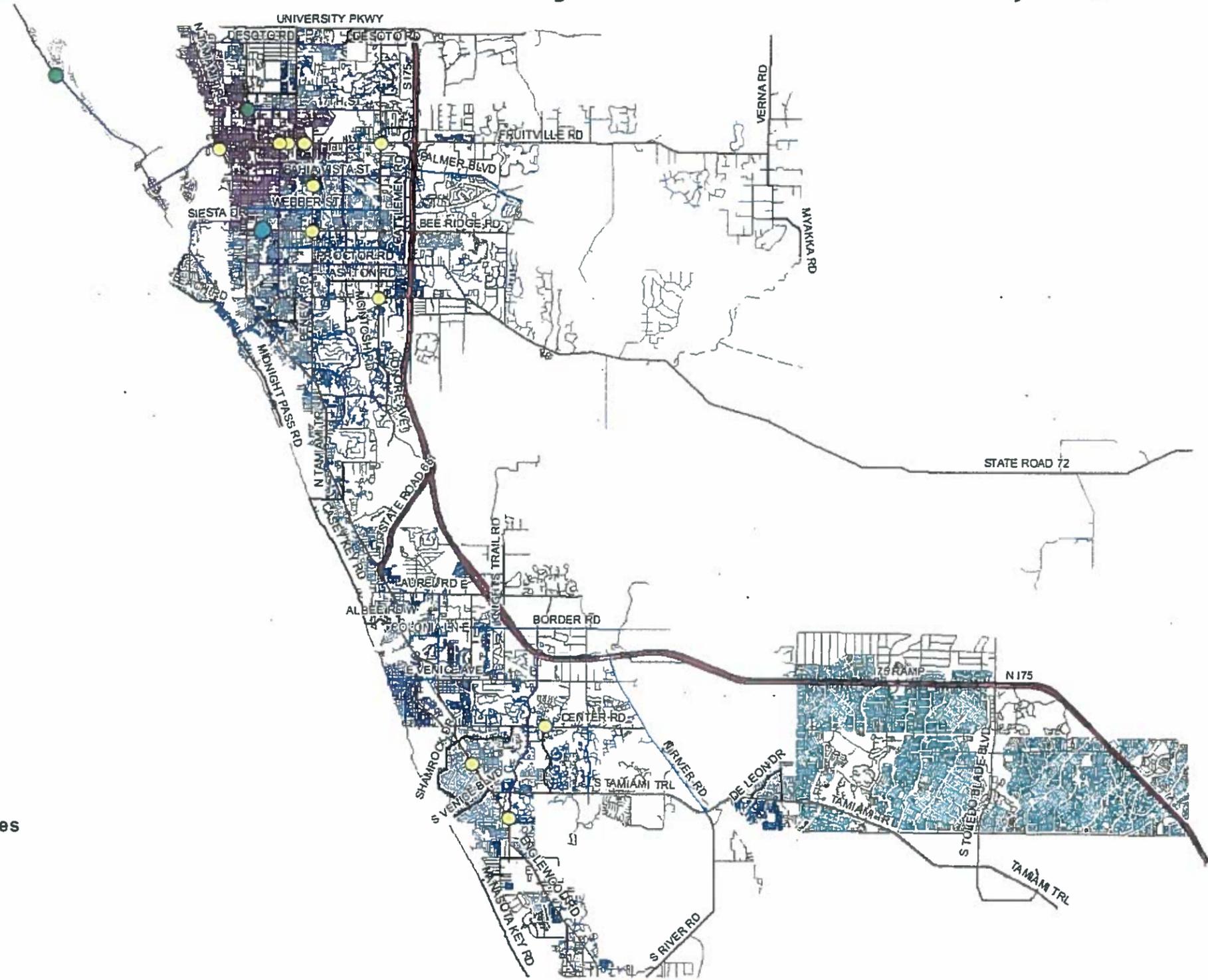


No Venice

Location with 2 or more Bicyclist Related Crashes, 2013

ID	ON STREET	GROSS STREET	TOTAL CRASHES	TOTAL FATALITIES	TOTAL INJURIES	INCAPACITATING	NON- INCAPACITATING	POSSIBLE INJURY
13476	Bee Ridge Rd	S Shade Ave	4	0	4	0	2	2
15757	US 301	17th St	3	0	2	1	0	1
17608	Gulf of Mexico Dr	Bay Isles Rd	3	0	2	0	0	2
14755	Beneva Rd	Collins St	2	0	2	0	1	1
15632	Main St	Gulfstream Ave	2	0	1	0	1	0
15772	Fruitville Rd	Bailey Rd	2	0	4	0	2	0
15803	Fruitville Rd	Brink Ave	2	0	2	1	1	0
13455	Bee Ridge Rd	Beneva Rd	2	0	2	1	1	0
15810	Fruitville Rd	Tuttle Ave	2	0	1	0	0	1
15825	Fruitville Rd	Honore Ave	2	0	1	0	1	0
1622	Englewood Rd	Circlewood Dr	2	0	1	1	0	0
16786	Lockwood Ridge Rd	Lockwood Ridge Rd	2	0	2	0	0	2
4740	US 41	Seminole Dr	2	0	2	0	2	0
6237	Center Rd	Venice East Blvd	2	0	2	0	1	1
11735	Clark Rd	Honore Ave	2	0	1	0	0	1

Location with 2 or more Bicyclist Related Crashes, 2013



Legend

No. of Bicyclist Related Crashes

- 4
- 3
- 2



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1" Resolution
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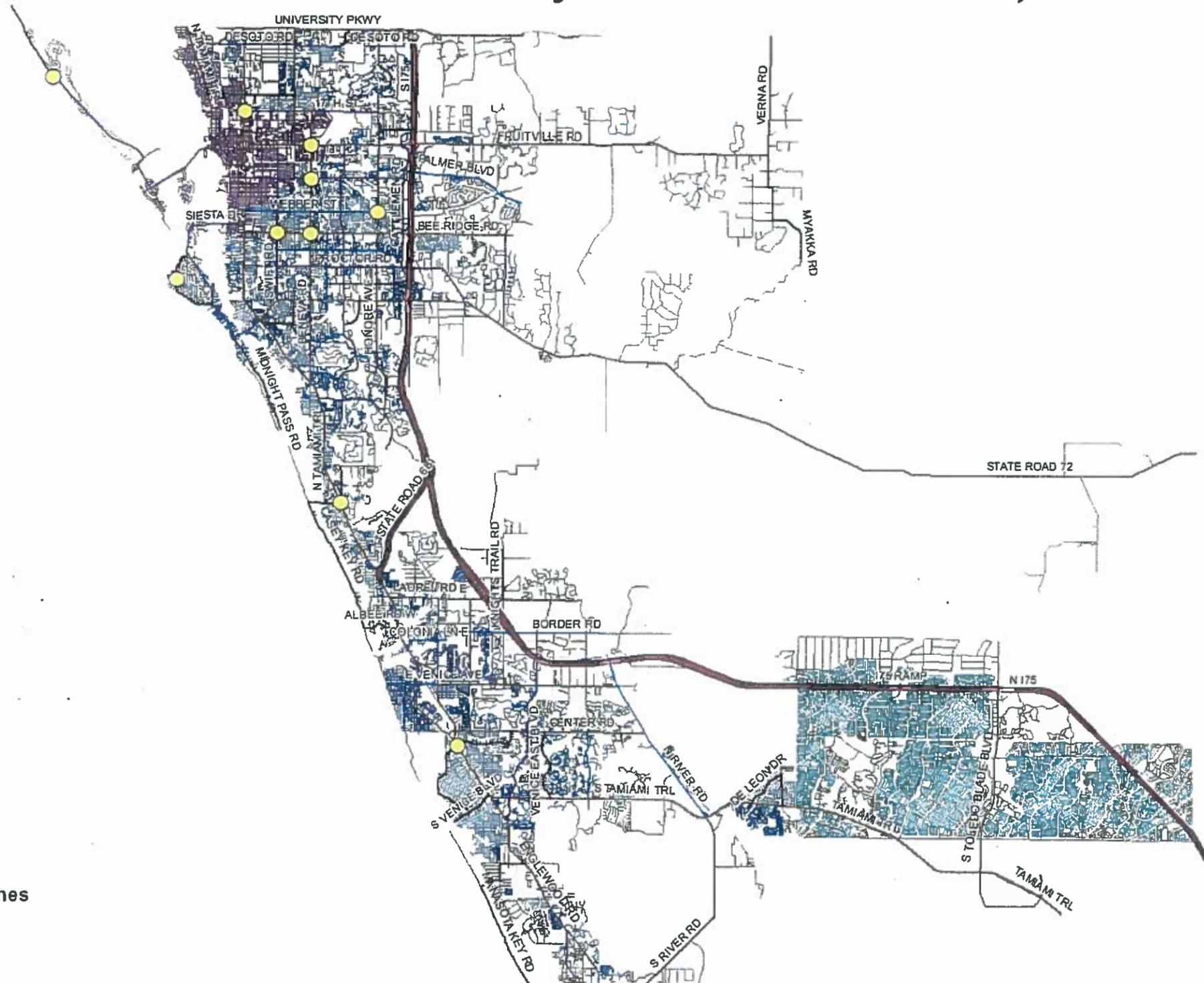
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No Venice

Location with 2 or more Bicyclist Related Crashes, 2014

ID	ON STREET	CROSS STREET	TOTAL CRASHES	TOTAL FATALITIES	TOTAL INJURIES	INGAPAGITATING	NON-INGAPAGITATING	POSSIBLE INJURY
16757	US 301	17th St	2	0	2	1	1	0
15791	Fruitville Rd	Beneva Rd	2	0	1	1	0	0
12294	Ocean Blvd	Whispering Sands Dr	2	0	2	0	1	1
13469	Bee Ridge Rd	Tuttle Ave	2	0	2	0	2	0
17608	Gulf of Mexico Dr	Bay Isles Rd	2	0	2	0	2	0
13455	Bee Ridge Rd	Beneva Rd	2	0	2	0	1	1
14093	Honore Ave	Webber St	2	0	2	0	1	1
14949	Beneva Rd	Bahia Vista St	2	0	2	0	1	1
9993	US 41	Old Venice Rd	2	0	2	0	1	1
5749	US 41	Shamrock Blvd	2	0	1	0	0	1

Location with 2 or more Bicyclist Related Crashes, 2014



Legend

No. of Bicyclist Related Crashes

● 2

Roundabout Crash Summary

Roundabout Crash Summary, 2013

county

Rank	Signalized Intersections		Jurisdiction	Crashes (2013)	AADT Count					Rate (2013)
	On Street	Cross Street			SB	NB	WB	EB	Total	
1	Jacaranda Blvd	Venice Ave	Sarasota County	57	10987	11771	3196	6998	32952	4.74
2	Honore Ave	Camus St/Antoinette St	Sarasota County	5	5000	5069	500	650	11219	1.22
3	Honore Ave	Webber St	Sarasota County	7	4503	4915	3407	5024	17849	1.07
4	Honore Ave	Palmer Blvd	Sarasota County	5	6421	6244	2931	0	15596	0.88
5	Honore Ave	Colonial Oaks Blvd	Sarasota County	2	4055	4229	963	0	9247	0.59
6	Honore Ave	Sawgrass Rd	Sarasota County	2	5000	5069	600	0	10669	0.51
7	Honore Ave	Brookmeade Dr	Sarasota County	0	3528	3700	261	414	7903	0.00

Roundabout Crash Summary, 2014

county

Rank	Signalized Intersections		Jurisdiction	Crashes (2014)	AADT Count					Rate (2014)
	On Street	Cross Street			SB	NB	WB	EB	Total	
1	Jacaranda Blvd	Venice Ave	Sarasota County	50	10987	11771	3196	6998	32952	4.16
2	Honore Ave	Webber St	Sarasota County	9	4503	4915	3407	5024	17849	1.38
3	Honore Ave	Sawgrass Rd	Sarasota County	5	5000	5067	600	0	10667	1.28
4	Honore Ave	Brookmeade Dr	Sarasota County	4	4557	4405	486	278	9726	1.13
5	Honore Ave	Camus St/Antoinette St	Sarasota County	2	5000	5067	500	650	11217	0.49
6	Honore Ave	Colonial Oaks Blvd	Sarasota County	1	4552	4725	963	0	10240	0.27
7	Honore Ave	Palmer Blvd	Sarasota County	1	6711	5067	2931	0	14709	0.19

2010 Counts



TOP1 Highest Crash Signalized Intersection VS Roundabout Summary

Top 1 Highest Crash Signalized Intersection VS Roundabout, 2013

County

	On Street	Cross Street	Crashes (2013)	Rate (2013)	TOTAL FATALITIES	TOTAL INJURIES	INCAPACITATING	NON- INCAPACITATING	POSSIBLE INJURY
Signalized Intersection	Price Blvd	Sumter Blvd	23	3.28	0	6	0	3	3
Roundabout	Jacaranda Blvd	Venice Ave	57	4.74	0	9	0	3	6

County

Top 1 Highest Crash Signalized Intersection VS Roundabout, 2014

	On Street	Cross Street	Crashes (2014)	Rate (2014)	TOTAL FATALITIES	TOTAL INJURIES	INCAPACITATING	NON- INCAPACITATING	POSSIBLE INJURY
Signalized Intersection	Price Blvd	Sumter Blvd	21	3.00	0	9	0	5	4
Roundabout	Jacaranda Blvd	Venice Ave	50	4.16	0	1	0	0	1

Crash Solutions Worksheet

Intersection:				Date Reviewed:			
Crash Ranking:			Year:	Crash Rate:			
Rear-end Solutions				Left Turn / Through Solutions			
Number of Crashes:		Assigned to:	Completion Date:	Number of Crashes:		Assigned to:	Completion Date:
___	1. Increase amber and all red time for through traffic			___	1. Increase yellow and all red time for left turns		
___	2. Better signal coordination			___	2. Reduce dilemma vehicles by adjusting timing		
___	3. Reduce dilemma vehicles by adjusting timing			___	3. Increase left turn time		
___	4. Increase space between signs			___	4. Add signal back plates		
___	5. Remove unnecessary signs			___	5. Add or inspect lane usage marking on pavement		
___	6. Add strobe to red indicator			___	6. Add "Left Turn Yield on Green" sign		
___	7. Add signal back plates			___	7. Make left turn protected only		
___	8. Add flashing "Signal Ahead" sign			___	8. Alternate between protected / permissive and protected only		
___	9. Add pedestrian crossing signs			___	9. Adjust offset of opposing left turn lanes		
___	10. Add street name sign before intersection			___	10. Reduce speed limit		
___	11. Add "Signal for Turn" sign before intersection			___	11. Increase length of turn lane		
___	12. Add "Hidden Driveway" sign			___	12. Add street lighting		
___	13. Add lane usage sign before intersection			Notes:			
___	14. Add pavement marking for lane usage			Right Angle Solutions			
___	15. Add "Right Turn Only" sign for peak hours			Number of Crashes:		Assigned to:	Completion Date:
___	16. Reduce speed limit			___	1. Increase amber and all red time for through traffic		
___	17. Close median close to intersection			___	2. Add signal back plates		
___	18. Lengthen left turn lane			___	3. Add strobe to red indicator		
___	19. Add street lighting			___	4. Inspect sight distance across corners		
___	20. Implement Computerized Highway Information Processing System (CHIPS) – queue detector and VMS (Usually used on Interstate construction zones)			___	5. Reduce speed limit		
___				___	6. Add red light running camera		
___				___	7. Add street lighting		
Notes:				Notes:			
Other Crash Type Solutions							
Number of Crashes:		Assigned to:	Completion Date:	Number of Crashes:		Assigned to:	Completion Date:
___	1. Add signal back plate			___	6. Add lane usage markings		
___	2. Add "U-turn Yield" sign to left turn lane			___	7. Reduce speed limit		
___	3. Add "Hidden Driveway" sign			___	8. Add quick curb to median		
___	4. Add "Signal Ahead" sign			___	9. Add street lighting		
___	5. Inspect pavement markings			Notes:			

Definitions

Bicycle

A vehicle propelled solely by human power or a motorized bicycle propelled by a combination of human power and an electric helper motor rated at 200 watts or less (this term does not include a vehicle with a seat height less than 25 inches from the ground when the seat is adjusted to its highest position, or a scooter or similar device).

Bicyclist

Any rider of a bicycle. A bicyclist is considered a Non-Motorist.

Cargo Van

A cargo van is any van where the area behind the driver or cab is designed for transporting cargo or operated for general commercial use.

Driver

Unless otherwise indicated, the operator of a motor vehicle. Driver data typically excludes uninjured persons presumed to have been operating hit-and-run or properly parked vehicles.

Fatal traffic crash

A traffic crash that results in one or more fatalities within thirty days of occurrence.

Injury

Hurt, damage, or loss sustained by a person as a result of a traffic crash. Definitions for the various injury levels are as follows:

- Injury crash-A non-fatal traffic crash that results in one or more injuries.
- Incapacitating injury-Any visible signs of injury from a crash and person(s) had to be carried from the scene.
- Non-incapacitating injury-Any visible injury such as bruises, abrasions, limping, etc.
- Possible injury-No visible signs of injury but complaint of pain or momentary unconsciousness.
- Total injury-The sum of possible, non-incapacitating, and incapacitating injuries.

Moped

A motor-powered cycle with a pedal-activated motor and maximum of two brake horsepower.

Motorcycle

A motor vehicle, with a seat or saddle for the driver's use, traveling with no more than three wheels in contact with the ground, excluding a tractor or a moped.

Non-Motorist

Any person other than an occupant of a motor vehicle in transport. This includes pedestrians, bicyclists, other cyclists, occupants of other motor vehicles not in transport and occupants of transport vehicles other than motor vehicles.

Passenger Car

Motor vehicles used primarily for carrying passengers.

Pedestrian

An individual involved in a crash who was not occupying a Motor Vehicle, Bicycle or other mobile conveyance. A pedestrian is considered a Non-Motorist.

Property Damage Only

Loss of all or part of an individual's vehicle and/or property damage only resulting from a traffic crash not involving injury or fatality to a person.

Sport Utility Vehicle (SUV)

A motor vehicle other than a motorcycle or bus consisting primarily of a transport device designed for carrying ten or fewer persons, and generally considered a multi-purpose vehicle that is designed to have off-road capabilities. These vehicles are generally four-wheel-drive (4x4) and have increased ground clearance. A utility vehicle has a gross vehicle weight rating (GVWR) of 10,000 pounds or less.

Teen Drivers and Teen Passengers

Refers to Drivers and Passenger involved in crashes who were between the ages of 15 and 19 years old.

Traffic crash

A crash involving at least one motor vehicle on a roadway that is open to the public.

Traffic fatality

The death of a person as a direct result of a traffic crash within thirty days of the crash occurrence.