



STRIDES 2 Zero



2023 System Analysis and Forecast Evaluation (SAFE) Report for Signalized Intersections

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Florida Department of Transportation
Traffic Engineering and Operations

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Section 1. Introduction

As part of the STRIDES 2 Zero program, the FDOT Traffic Engineering and Operations Office published an annual **System Analysis and Forecast Evaluation (SAFE)** Report for signalized intersections on the State Highway System (SHS) since 2020. The 2023 SAFE Report for Signalized Intersections is the result of a data-driven predictive-method-based network screening process of signalized intersections on the SHS using the most recent three years (i.e., 2019 – 2021) of fatal (K) and serious injury (A) crash data. The network screening process applies the excess expected crash frequency as a performance measure to identify signalized intersections with the highest potential for safety improvement (PSI).

Any intersection with a 3-year excess expected crash frequency of 1.00 or greater is considered to have the highest PSI. These intersections are referred to as **Candidate Intersections**, i.e., intersections that have experienced higher long-term average crash frequency than similar intersections (e.g., intersections with identical number of legs and located on roadways with similar context classification) with a given exposure level. Based on the performance measure threshold, a total of 223 **Candidate Intersections** were initially identified. Of these, 97 intersections were identified as **Candidate Intersections** in previous years (2020, 2021, or 2022 SAFE Reports). Table 1 shows a summary of **Candidate Intersections** by FDOT District.

Table 1. Candidate Signalized Intersections by District

District	Number of Candidate Signalized Intersections	
	New in 2023	Duplicates
1	28	20
2	11	3
3	6	2
4	31	23
5	23	24
6	14	9
7	13	16
Total	126	97

Section 2 provides the list of the new **Candidate Intersections** for 2023, excluding the 97 duplicates in previous years. It also shows five **Sister Intersections** associated with each **Candidate Intersection**. A **Sister Intersection** has similar intersection characteristics (e.g., number of legs and roadway context classification) and traffic volumes compared to the **Candidate Intersection** but experienced not more than one fatal (K) or serious injury (A) crashes in the three analysis years. The purpose of identifying **Sister Intersections** is to use these better-performing intersections to identify existing safety features and countermeasures at these locations, which can potentially be implemented at the corresponding **Candidate Intersections** for safety improvement.

Finding Your Candidate Intersections

Candidate Intersections are grouped by district. The highlighted “tab” on the left side indicates the corresponding district for the ranked Candidate Intersections on that page.

Clicking on will let you see the intersection in Google Maps.

Section 2. 2023 Candidate and Sister Signalized Intersections

District	Candidate Intersections	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	Sister Intersections
					Observed	Predicted	Expected	Excess Expected		
District 1	Rank 1 Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) SR 55 / Tamiami Trl 13120000 (6.42) 301 Blvd 13000119 (0.00)	Manatee	C3C	4	8	1.02	3.65	2.63	ANGLE SINGLE-VEHICLE	D4 - 93130000 (3.02) D4 - 94003000 (7.46) D3 - 58050000 (3.26) D2 - 38020000 (0.01) D2 - 72010000 (13.36)
District 2	Rank 2 SR 60 / US 92 / Auburndale Hwy 16020000 (8.86) Neptune Rd / Berkley Rd 16590000 (20.75)	Polk	C3C	4	6	1.57	3.70	2.13	SIDESWIPE PED / BIKE	D5 - 75000091 (0.37) D1 - 16210000 (6.63) D3 - 48010000 (12.83) D3 - 57040000 (0.80) D3 - 55060000 (5.59)
District 3	Rank 3 SR 64 13050000 (6.47) Ramps to/from I-75	Manatee	C2	4	6	1.81	3.56	1.75	ANGLE SIDESWIPE PED / BIKE	D3 - 55050000 (4.36) D7 - 10340000 (10.78) D4 - 94120000 (0.58) D4 - 93016000 (8.43) D2 - 72220000 (7.69)
District 4	Rank 4 SR 60 / E Van Fleet Dr 16110000 (15.39) Flemings Dr 16261101 (0.89)	Polk	C2	3	6	2.18	3.91	1.73	REAR-END SINGLE-VEHICLE	D1 - 16070000 (3.68) D5 - 79190000 (0.01) D3 - 55050000 (9.83) D4 - 88000423 (0.39) D6 - 87150000 (17.43)
District 5	Rank 5 SR 776 / CR 771 / El Jobean Rd 01050000 (16.45) Toledo Blade Blvd 01000078 (0.00)	Charlotte	C3C	4	5	1.65	3.31	1.65	REAR-END ANGLE	D4 - 93210000 (8.68) D3 - 55005000 (0.34) D3 - 55050000 (1.75) D3 - 46060000 (3.09) D1 - 01010000 (23.08)

¹ Minor roadway ID and MP are not provided in cases where minor road is a ramp. ² A 350-ft buffer is used to count crashes at ramp terminal intersections, and a 250-ft buffer is used for other intersections.

A brief description of the terminologies used in the report is provided below:

Candidate Intersections										Sister Intersections
Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected		
1	SR 55 / Tamiami Trl 13120000 (6.42)	Manatee	C3C	4	8	1.02	3.65	2.63	ANGLE SINGLE-VEHICLE	D4 - 93130000 (3.02) D4 - 94003000 (7.46) D3 - 58050000 (3.26) D2 - 38020000 (0.01) D2 - 72010000 (13.36)

A Observed Crash Frequency: Number of crashes that occurred at and within an influence area of an intersection. For typical intersections, crashes that occurred within 250 feet of the center of the intersection are considered intersection-related crashes. For crossroad ramp terminal intersections, crashes that occurred within 350 feet of the intersection are used for network screening analysis.

B Predicted Crash Frequency: Number of crashes estimated using a regression model, known as Safety Performance Function (SPF), as a function of traffic volume and other related factors (e.g., number of legs, context classification, ramp type, intersection leg as a one-way street, etc.) at an intersection. Predicted crash frequency estimates the average crash frequency at a site based on data from similar sites within a given exposure level. Please see the [Appendix](#) for the SPFs developed in 2023 for crash predictions at signalized intersections.

C Expected Crash Frequency: Number of crashes calculated as a weighted sum of predicted crash frequency and observed crash frequency using the Empirical Bayes (EB) method. Mathematically,

$$Expected\ Crash\ Frequency = Weight \times Predicted\ Crash\ Frequency + (1 - Weight) \times Observed\ Crash\ Frequency$$








The *Weight* is calculated as a function of the overdispersion parameter (*k*) given by

$$Weight = \frac{1}{1 + k \times \sum Predicted\ Crash\ Frequency\ Over\ the\ Study\ Years}$$

An overdispersion parameter can be defined as “an estimated parameter from a statistical model that when the results of modeling are used to estimate crash frequencies, indicates how widely the crash counts are distributed around the estimated mean.” (AASHTO, 2010)

D Excess Expected Crash Frequency: The difference between the expected crash frequency and the predicted crash frequency at an intersection. Mathematically,

$$Excess\ Expected\ Crash\ Frequency = Expected\ Crash\ Frequency - Predicted\ Crash\ Frequency$$

Candidate Intersections										Sister Intersections
Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District – Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected		
1	SR 55 / Tamiami Trl 13120000 (6.42)  301 Blvd 13000119 (0.00)	Manatee	C3C	4	8	1.02	3.65	2.63	ANGLE SINGLE-VEHICLE 	D4 – 93130000 (3.02)  D4 – 94003000 (7.46)  D3 – 58050000 (3.26)  D2 – 38020000 (0.01)  D2 – 72010000 (13.36) 

E Overrepresented Crash Type: The overrepresentation of a crash type is determined by the probability of its long-term predicted proportion exceeding a threshold proportion. The threshold proportion of a crash type is defined as the observed proportion of the crash type in the reference population (i.e., sites with similar characteristics, such as number of lanes and context classification). If the probability that the long-term predicted proportion of a crash type at an intersection exceeding the threshold proportion is higher than 0.50, the crash type is considered to be overrepresented at the intersection. Please see AASHTO HSM Section 4.4.2.9 for further details. Overrepresented crash types are identified to further study the risk factors associated with the particular crash type and select specific countermeasures that may help reduce the occurrence of such crashes at the intersection.

Below are the 2023 SAFE Report intersection crash types diagnosed for overrepresentation:



Angle: A crash where the impact type is coded in the crash report as “Angle.”



Other Multi-vehicle: A multi-vehicle involved crash where the crash type does not fall into any of the aforementioned categories, including Angle, Head-on, Rear-end, and Sideswipe.



Head-on: A crash where the impact type is coded in the crash report as “Front to Front.”



Rear-end: A crash where the impact type is coded in the crash report as “Front to Rear.”



Pedestrian/Bicyclist (Ped/Bike): A crash where at least one pedestrian or bicyclist is involved in the collision with a vehicle.



Sideswipe: A crash where the impact type is coded in the crash report as either “Sideswipe, Same Direction” or “Sideswipe, Opposite Direction.”



Single-Vehicle: A crash where only one vehicle is involved in the collision, but a pedestrian or a bicyclist is not involved.

Reference

American Associate of State Highway and Transportation Officials (AASHTO). *Highway Safety Manual* (1st Edition). Washington, DC: 2010.

Section 2. 2023 Candidate and Sister Signalized Intersections



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Candidate Intersections										Sister Intersections
Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected		
1	SR 55 / Tamiami Trl 13120000 (6.42) ↗ 301 Blvd 13000119 (0.00)	Manatee	C3C	4	8	1.02	3.65	2.63	ANGLE SINGLE-VEHICLE	D4 - 93130000 (3.02) ↗
										D4 - 94003000 (7.46) ↗
										D3 - 58050000 (3.26) ↗
										D2 - 38020000 (0.01) ↗
2	SR 600 / US 92 / Auburndale Hwy 16020000 (8.86) ↗ Neptune Rd / Berkley Rd 16590000 (20.75)	Polk	C3C	4	6	1.57	3.70	2.13	SIDESWIPE PED / BIKE	D5 - 75000091 (0.37) ↗
										D1 - 16210000 (6.63) ↗
										D3 - 48010000 (12.83) ↗
										D3 - 57040000 (0.80) ↗
3	SR 64 13050000 (6.47) ↗ Ramps to/from I-75	Manatee	C2	4	6	1.81	3.56	1.75	ANGLE SIDESWIPE PED / BIKE	D3 - 55050000 (4.36) ↗
										D7 - 10340000 (10.78) ↗
										D4 - 94120000 (0.58) ↗
										D4 - 93016000 (8.43) ↗
4	SR 60 / E Van Fleet Dr 16110000 (15.39) ↗ Flamingo Dr 16261101 (0.89)	Polk	C2	3	6	2.18	3.91	1.73	REAR-END SINGLE-VEHICLE	D2 - 72220000 (7.69) ↗
										D1 - 16070000 (3.68) ↗
										D5 - 79190000 (0.01) ↗
										D3 - 55050000 (9.83) ↗
5	SR 776 / CR 771 / El Jobean Rd 01050000 (16.45) ↗ Toledo Blade Blvd 01000078 (0.00)	Charlotte	C3C	4	5	1.65	3.31	1.65	REAR-END ANGLE	D4 - 88000423 (0.39) ↗
										D6 - 87150000 (17.43) ↗
										D4 - 93210000 (8.68) ↗
										D3 - 55005000 (0.34) ↗
										D3 - 55050000 (1.75) ↗
										D3 - 46060000 (3.09) ↗
										D1 - 01010000 (23.08) ↗

¹ Minor roadway ID and MP are not provided in cases where minor road is a ramp. ² A 350-ft buffer is used to count crashes for ramp terminal intersections, and a 250-ft buffer is used for other intersections.

2023 Candidate and Sister Signalized Intersections (continued)



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Candidate Intersections										Sister Intersections
Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected		
6	SR 82 / Dr Martin Luther King Jr Blvd 12070000 (2.03) ↗ Veronica S Shoemaker Blvd 12000112 (3.02)	Lee	C4	4	5	1.53	3.06	1.53	ANGLE OTHER MULTI-VEHICLE	D4 - 86230000 (0.50) ↗
										D4 - 86190000 (4.01) ↗
										D1 - 16060000 (11.69) ↗
										D4 - 86220000 (4.23) ↗
7	SR 780 / Fruitville Rd 17040000 (2.14) ↗ Beneva Rd 17503000 (7.18)	Sarasota	C4	4	5	2.04	3.56	1.52	REAR-END HEAD-ON	D4 - 86220000 (4.23) ↗
										D6 - 87281000 (4.12) ↗
										D4 - 86040000 (8.47) ↗
										D6 - 87053000 (1.50) ↗
8	SR 45 / Tamiami Trl 13030000 (6.31) ↗ CR 683 / Moccasin Wallow Rd 13100000 (6.23)	Manatee	C2	4	5	0.92	2.41	1.49	ANGLE OTHER MULTI-VEHICLE	D4 - 86040000 (10.49) ↗
										D3 - 57030000 (11.70) ↗
										D4 - 86517000 (4.29) ↗
										D3 - 61080000 (25.72) ↗
9	SR 80 / Palm Beach Blvd 12020000 (17.65) ↗ Broadway St / Packinghouse Rd 12560000 (10.72)	Lee	C3R	4	5	0.91	2.30	1.39	ANGLE	D1 - 16030101 (0.43) ↗
										D3 - 46060000 (19.91) ↗
										D5 - 11130000 (6.44) ↗
										D5 - 11020002 (0.42) ↗
10	SR 43 / US 301 13020000 (4.34) ↗ Ramps to/from I-75	Manatee	C3C	3	4	1.37	2.72	1.35	REAR-END	D4 - 89060000 (24.85) ↗
										D4 - 86040000 (1.48) ↗
										D5 - 70008000 (1.92) ↗
										D4 - 88503000 (3.52) ↗
										D2 - 26005000 (5.49) ↗
										D4 - 86040000 (13.67) ↗
										D7 - 10310000 (3.21) ↗
										D6 - 87044000 (0.01) ↗
										D7 - 10310000 (3.02) ↗
										D4 - 86190500 (0.18) ↗

¹ Minor roadway ID and MP are not provided in cases where minor road is a ramp. ² A 350-ft buffer is used to count crashes for ramp terminal intersections, and a 250-ft buffer is used for other intersections.

2023 Candidate and Sister Signalized Intersections (continued)



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Candidate Intersections										Sister Intersections
Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected		
11	SR 45 / Tamiami Trl 17010000 (3.64) Ortiz Blvd / Talon Bay Dr 17000067 (0.01)	Sarasota	C3R	4	5	0.80	2.12	1.32	HEAD-ON ANGLE	D4 - 94010000 (6.24)
										D7 - 15010000 (16.56)
										D4 - 89060000 (28.32)
										D7 - 15010000 (12.51)
12	SR 544 / Havendale Blvd 16140000 (0.52) 42nd St / Charlotte Rd 16000243 (7)	Polk	C3C	4	4	1.44	2.61	1.18	ANGLE	D4 - 94010000 (8.75)
										D4 - 86033500 (0.39)
										D2 - 72110000 (1.80)
										D4 - 88010000 (9.92)
13	SR 45 / S Tamiami Trl 12010000 (7.19) Williams Road 12000130 (0.01)	Lee	C3C	4	4	1.44	2.62	1.18	REAR-END SIDESWIPE	D2 - 72010000 (17.16)
										D3 - 55005000 (1.30)
										D6 - 87080900 (31.41)
										D7 - 15120000 (9.11)
14	SR 72 / Clark Rd 17070000 (4.34) Gantt Rd 17000533 (0.00)	Sarasota	C3C	4	4	1.55	2.72	1.17	REAR-END	D4 - 86230000 (2.67)
										D7 - 10150000 (11.32)
										D4 - 93012000 (1.30)
										D3 - 57040000 (2.51)
15	SR 45 / US 41 / Tamiami Trl 17010000 (2.54) Pan American Blvd 17000559 (0.01)	Sarasota	C3C	4	4	1.15	2.31	1.15	ANGLE	D4 - 93001000 (6.95)
										D3 - 48040000 (7.60)
										D5 - 70020000 (18.64)
										D4 - 94010000 (13.07)
										D1 - 17010000 (0.21)
										D3 - 48070000 (5.20)
										D3 - 48010000 (15.36)
										D3 - 57130000 (2.10)

¹ Minor roadway ID and MP are not provided in cases where minor road is a ramp. ² A 350-ft buffer is used to count crashes for ramp terminal intersections, and a 250-ft buffer is used for other intersections.

2023 Candidate and Sister Signalized Intersections (continued)



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Candidate Intersections										Sister Intersections
Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected		
16	SR 25 / US 27 / SW Lakeview Dr 09030000 (12.46) ↗ W College Dr / Bill Sachsenmaier Memorial Dr 09525000 (0.00)	Highlands	C3C	4	4	1.13	2.28	1.15	ANGLE	D3 - 46001000 (1.30) ↗
										D3 - 48070000 (7.34) ↗
										D3 - 55010000 (4.89) ↗
										D1 - 16140000 (2.14) ↗
17	SR 25 / US 27 / SW Lakeview Dr 16180000 (18.67) ↗ CR 547 / Davenport Blvd / Sanders Rd 16540000 (0.01)	Polk	C3R	4	4	1.22	2.36	1.14	REAR-END SIDESWIPE	D1 - 16250000 (26.93) ↗
										D4 - 86110000 (6.52) ↗
										D4 - 93120000 (17.85) ↗
										D3 - 55050000 (5.29) ↗
18	SR 780 / Fruitville Rd 17040000 (3.15) ↗ McIntosh Rd 17000044 (1.07)	Sarasota	C3C	4	4	1.78	2.92	1.14	ANGLE	D4 - 86220000 (7.75) ↗
										D4 - 86100000 (24.46) ↗
										D1 - 12010000 (2.13) ↗
										D1 - 01010000 (20.22) ↗
19	SR 25 / US 27 / SW Lakeview Dr 09030000 (10.27) ↗ Sun N Lake Blvd / Valerie Blvd 09000531 (0.00)	Highlands	C3C	4	4	1.78	2.92	1.14	REAR-END	D1 - 12010000 (4.42) ↗
										D5 - 77080000 (4.39) ↗
										D3 - 60020001 (3.03) ↗
										D5 - 11200000 (12.69) ↗
20	SR 25 / US 27 / SW Lakeview Dr 09030000 (8) ↗ New Life Way / Bayview St 09000538 (0.00)	Highlands	C3C	4	4	1.04	2.16	1.13	REAR-END SIDESWIPE	D3 - 48010000 (11.32) ↗
										D1 - 03010000 (8.54) ↗
										D1 - 16006000 (8.79) ↗
										D4 - 86036500 (0.84) ↗
										D1 - 09030000 (7.40) ↗
D2 - 78060000 (15.30) ↗										
D5 - 11090000 (11.74) ↗										
D1 - 12060000 (13.25) ↗										
D1 - 13020000 (3.86) ↗										

¹ Minor roadway ID and MP are not provided in cases where minor road is a ramp. ² A 350-ft buffer is used to count crashes for ramp terminal intersections, and a 250-ft buffer is used for other intersections.

2023 Candidate and Sister Signalized Intersections (continued)



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Candidate Intersections										Sister Intersections
Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected		
21	SR 45 / US 41 / Tamiami Trl 17020000 (14.30) ↗ Kestral Park Way N / Proctor Rd 17509000 (0.01)	Sarasota	C3C	4	4	1.86	2.98	1.12	ANGLE	D1 - 01010000 (21.55) ↗
										D3 - 46160000 (11.29) ↗
										D4 - 86100000 (15.39) ↗
										D5 - 70020000 (5.49) ↗
22	SR 776 / Englewood Rd 17050000 (5.89) ↗ Manasota Beach Rd 17504000 (1.84)	Sarasota	C3R	4	4	1.11	2.23	1.12	ANGLE	D4 - 86065000 (6.21) ↗
										D4 - 89091000 (1.96) ↗
										D1 - 01050000 (9.40) ↗
										D1 - 13160000 (9.48) ↗
23	SR 865 / San Carlos Blvd 12004000 (3.12) ↗ CR 869 / Summerlin Rd 12000182 (2.15)	Lee	C3C	4	4	1.89	3.00	1.11	ANGLE SIDESWIPE PED / BIKE	D4 - 89010000 (10.13) ↗
										D4 - 94010000 (6.24) ↗
										D5 - 77070000 (2.53) ↗
										D3 - 57130000 (0.44) ↗
24	SR 84 / Davis Blvd 03001000 (1.01) ↗ Airport-Pulling Rd S 03003000 (0.78)	Collier	C3R	4	4	1.91	3.00	1.09	ANGLE PED / BIKE	D3 - 58010000 (10.99) ↗
										D1 - 16030000 (26.18) ↗
										D1 - 12010000 (29.99) ↗
										D1 - 13160000 (7.45) ↗
25	SR 600 / US 92 / Magnolia Ave 16020000 (10.73) ↗ Main St 16160000 (0.00)	Polk	C4	4	4	1.28	2.36	1.08	REAR-END ANGLE	D1 - 16300000 (0.26) ↗
										D5 - 77170000 (2.02) ↗
										D4 - 86020000 (13.87) ↗
										D1 - 13050002 (0.56) ↗
										D4 - 86010000 (1.40) ↗
										D3 - 55060000 (7.85) ↗
										D4 - 94000093 (0.62) ↗
										D4 - 86100000 (3.60) ↗
										D6 - 87002000 (1.46) ↗

¹ Minor roadway ID and MP are not provided in cases where minor road is a ramp. ² A 350-ft buffer is used to count crashes for ramp terminal intersections, and a 250-ft buffer is used for other intersections.

2023 Candidate and Sister Signalized Intersections (continued)



District	Candidate Intersections									Sister Intersections	
	Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
						Observed	Predicted	Expected	Excess Expected		
District 2	26	SR 72 / Clark Rd 17070000 (1.80) ↗ S Beneva Rd 17503000 (2.47)	Sarasota	C4	4	4	1.82	2.88	1.06	REAR-END SINGLE-VEHICLE	D4 - 86220000 (17.94) ↗
D4 - 86220000 (18.36) ↗											
D4 - 93005000 (0.47) ↗											
D4 - 86028000 (1.69) ↗											
D6 - 86015000 (3.31) ↗											
District 3	27	SR 70 / 15th St E 13120001 (0.70) ↗ 44th Ave E 13000140 (0.00)	Manatee	C3C	4	4	0.83	1.87	1.04	ANGLE	D2 - 29002000 (3.21) ↗
D1 - 04020000 (14.32) ↗											
D2 - 27030000 (10.13) ↗											
D5 - 79070000 (5.38) ↗											
D3 - 46130000 (0.75) ↗											
District 4	28	SR 35 / US 98 / CR 700 16030000 (17.55) ↗ Martin Luther King Jr Blvd 16000207 (0.37)	Polk	C2T	4	4	0.70	1.70	1.00	HEAD-ON OTHER MULTI-VEHICLE PED / BIKE	D1 - 16110000 (21.88) ↗
D3 - 55003000 (2.63) ↗											
D5 - 11200000 (4.21) ↗											
D1 - 04040000 (14.54) ↗											
D1 - 16170000 (2.60) ↗											

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2023 Candidate and Sister Signalized Intersections (continued)



District 1
District 2
District 3
District 4
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District 7

Candidate Intersections										Sister Intersections
Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected		
1	SR 26 / W Newberry Rd 26070000 (14.53) ↗ Ramps to/from I-75	Alachua	C3C	3	8	1.03	4.11	3.08	HEAD-ON ANGLE SIDESWIPE	D2 - 72070000 (5.77) ↗
										D3 - 48040000 (6.62) ↗
										D3 - 48020000 (23.29) ↗
										D1 - 01040000 (2.06) ↗
										D5 - 70014000 (0.02) ↗
2	SR 212 72190000 (7.04) ↗ Ramps to/from I-295	Duval	C3C	4	7	1.72	3.85	2.14	SIDESWIPE OTHER MULTI-VEHICLE	D5 - 70140000 (3.40) ↗
										D6 - 87055000 (5.03) ↗
										D5 - 70050000 (9.85) ↗
										D6 - 87001000 (10.22) ↗
										D7 - 14571000 (3.21) ↗
3	SR 16 / Charles Usinas Memorial Hwy 78060000 (18.56) ↗ Woodlawn Rd / Kenton Morrison Rd 78000009 (3.81)	St. Johns	C3C	4	6	1.52	3.64	2.12	HEAD-ON OTHER MULTI-VEHICLE	D4 - 93000157 (2.84) ↗
										D5 - 70120004 (3.44) ↗
										D7 - 10110000 (0.01) ↗
										D1 - 16100000 (1.73) ↗
										D3 - 48040000 (4.17) ↗
4	SR A1A / 3rd St 72100000 (18.05) ↗ SR 212 / US 90 / Beach Blvd 72190000 (14.82)	Duval	C4	4	6	1.63	3.63	2.00	OTHER MULTI-VEHICLE PED / BIKE	D4 - 93250500 (6.64) ↗
										D4 - 86010000 (1.53) ↗
										D6 - 87008000 (8.16) ↗
										D2 - 78060000 (20.77) ↗
										D4 - 93005000 (0.47) ↗
5	SR 228 / Normandy Blvd 72120000 (19.76) ↗ SR 103 / Lane Ave S 72012000 (2.55)	Duval	C3C	4	5	1.68	3.33	1.65	REAR-END HEAD-ON	D3 - 46060000 (1.22) ↗
										D4 - 88003000 (0.64) ↗
										D5 - 77010000 (11.61) ↗
										D4 - 86065000 (3.06) ↗
										D5 - 79010000 (25.57) ↗

¹ Minor roadway ID and MP are not provided in cases where minor road is a ramp. ² A 350-ft buffer is used to count crashes for ramp terminal intersections, and a 250-ft buffer is used for other intersections.

2023 Candidate and Sister Signalized Intersections (continued)



District	Candidate Intersections										Sister Intersections
	Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected			
District 2	6	SR 121 / SW 34th St 26250000 (2.11) ↗ SW 20th Ave 26506001 (3.42)	Alachua	C3C	4	5	1.91	3.54	1.64	ANGLE	D1 - 17070000 (3.83) ↗
D1 - 16180000 (25.55) ↗											
D1 - 16250000 (23.87) ↗											
D1 - 16210000 (6.13) ↗											
District 3	7	SR 212 / US 90 / Beach Blvd 72190000 (4.79) ↗ SR 115 / Southside Blvd 72040000 (4.81)	Duval	C3C	4	5	2.11	3.71	1.60	REAR-END PED / BIKE	D6 - 87090000 (8.91) ↗
D1 - 17040000 (4.20) ↗											
D2 - 72014000 (6.43) ↗											
D5 - 77010000 (3.37) ↗											
District 4	8	SR 134 / 103rd St 72220000 (7.75) ↗ Ramps to/from I-295	Duval	C3C	4	5	1.80	3.13	1.33	REAR-END HEAD-ON SIDESWIPE	D4 - 86120000 (6.28) ↗
D3 - 55050000 (4.63) ↗											
D7 - 10340000 (10.78) ↗											
D3 - 55050000 (4.36) ↗											
District 5	9	SR 19 76020000 (21.92) ↗ SR 100 / Reid St 76110000 (20.54)	Putnam	C3C	4	4	1.19	2.35	1.16	ANGLE SIDESWIPE	D4 - 94120000 (0.58) ↗
D2 - 72220000 (7.69) ↗											
D4 - 93016000 (8.43) ↗											
D3 - 46140000 (5.53) ↗											
District 6	10	SR 126 / Emerson St 72015000 (1.09) ↗ SR 10 / US 1 / Philips Hwy 72070000 (15.69)	Duval	C3C	4	4	1.69	2.84	1.15	HEAD-ON PED / BIKE	D7 - 08040000 (9.87) ↗
D2 - 72012000 (2.09) ↗											
D3 - 48080060 (0.33) ↗											
D3 - 48040000 (15.02) ↗											
District 7										D3 - 46060000 (1.22) ↗	
D4 - 88003000 (0.64) ↗											
D4 - 86065000 (3.06) ↗											
D5 - 77010000 (11.61) ↗											
											D5 - 79010000 (25.57) ↗

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2023 Candidate and Sister Signalized Intersections (continued)



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Candidate Intersections										Sister Intersections
Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected		
11	SR 15 / US 1 / New Kings Rd 72080000 (4.97) SR 111 / Edgewood Ave 72291000 (6.66)	Duval	C3C	4	4	1.87	2.99	1.12	PED / BIKE	D3 - 48040000 (3.54)
										D3 - 48003000 (4.55)
										D6 - 87020000 (3.09)
										D3 - 55020000 (1.13)
										D3 - 48080000 (0.96)

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2023 Candidate and Sister Signalized Intersections (continued)



District	Candidate Intersections										Sister Intersections
	Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
						Observed	Predicted	Expected	Excess Expected		
District 1	1	SR 20 / E John Sims Pkwy 57040000 (13.7) ↗ SR 285 / Partin Dr 57090000 (0.88)	Okaloosa	C3C	4	6	1.43	3.52	2.09	ANGLE	D5 - 70020000 (18.64) ↗
District 2											D3 - 57040000 (1.24) ↗
District 3											D3 - 58030000 (6.12) ↗
District 4											D1 - 16180000 (1.90) ↗
District 5											D1 - 16100000 (4.74) ↗
District 6	2	SR 85 / S Ferdon Blvd 57050000 (0.90) ↗ College Blvd 57507000 (0.00)	Okaloosa	C3C	4	6	0.99	2.83	1.85	ANGLE	D4 - 94003000 (7.46) ↗
District 7											D2 - 72010000 (13.36) ↗
District 8											D4 - 94003000 (3.90) ↗
District 9											D2 - 72017000 (0.44) ↗
District 10											D3 - 60010000 (14.83) ↗
District 11	3	SR 285 60090000 (6.75) ↗ SR 10 / US 90 / E Mossy Head Main St 60010000 (2.68)	Walton	C2	3	6	1.09	2.53	1.44	HEAD-ON ANGLE SIDESWIPE	D7 - 14120000 (32.22) ↗
District 12											D2 - 29020000 (22.46) ↗
District 13											D2 - 27070000 (6.86) ↗
District 14											D2 - 76020000 (22.96) ↗
District 15											D4 - 93060000 (9.78) ↗
District 16	4	SR 10 / US 90 / Caroline St 58010000 (5.80) ↗ E Spencer Field Rd / Air Products Plant Rd 58000020 (0.00)	Santa Rosa	C3C	4	4	1.59	2.75	1.17	REAR-END	D5 - 77120000 (7.87) ↗
District 17											D1 - 12060000 (8.91) ↗
District 18											D1 - 12060000 (9.50) ↗
District 19											D4 - 93012000 (2.92) ↗
District 20											D1 - 12060000 (7.51) ↗
District 21	5	SR 727 / SR 295 / W Fairfield Dr 48004000 (8.32) ↗ SR 292 / N Pace Blvd 48050000 (22.72)	Escambia	C4	4	4	1.52	2.61	1.09	ANGLE OTHER MULTI- VEHICLE PED / BIKE	D1 - 13150000 (4.57) ↗
District 22											D3 - 55010000 (8.58) ↗
District 23											D4 - 93000104 (0.37) ↗
District 24											D4 - 93080000 (0.00) ↗
District 25											D4 - 93120000 (20.89) ↗

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2023 Candidate and Sister Signalized Intersections (continued)



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Candidate Intersections										Sister Intersections
Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected		
6	SR 727 / SR 295 / W Fairfield Dr 48004000 (7.78) ↗ CR 453 / North W St 48511000 (2.21)	Escambia	C4	4	4	1.84	2.89	1.05	REAR-END OTHER MULTI-VEHICLE	D4 - 86220000 (17.94) ↗
										D4 - 93005000 (0.47) ↗
										D4 - 86220000 (18.36) ↗
										D4 - 86028000 (1.69) ↗
									D6 - 87008000 (8.16) ↗	

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2023 Candidate and Sister Signalized Intersections (continued)



District 1
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Candidate Intersections										Sister Intersections
Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected		
1	SR 736 / Davie Blvd 86210000 (2.06) ↗ Ramps to/from I-95	Broward	C4	4	8	2.73	5.47	2.74	OTHER MULTI-VEHICLE	D6 - 87044000 (4.20) ↗
									SINGLE-VEHICLE	D4 - 93120000 (20.04) ↗
									PED / BIKE	D4 - 93680000 (4.56) ↗
										D4 - 93510000 (1.01) ↗
2	SR 816 / Oakland Park Blvd 86090000 (6.35) ↗ SR 845 / Powerline Rd / NW 9th Ave 86065000 (2.04)	Broward	C4	4	7	2.26	4.82	2.55	REAR-END	D6 - 87080900 (31.22) ↗
									SIDESWIPE	D4 - 86100000 (23.88) ↗
									PED / BIKE	D2 - 71130000 (2.78) ↗
										D4 - 86080500 (10.93) ↗
3	SR 838 / Sunrise Blvd 86110000 (7.65) ↗ SR 811A / N Andrews Ave 86033501 (0.49)	Broward	C6	4	6	1.78	4.17	2.38	HEAD-ON	D6 - 87072000 (6.67) ↗
									ANGLE	D6 - 87090000 (13.60) ↗
									PED / BIKE	D4 - 86210000 (4.02) ↗
										D6 - 87030000 (13.51) ↗
4	SR 810 / Hillsboro Blvd 86120000 (5.88) ↗ NW 3rd Ave / SW Martin Luther King Jr Ave 86000200 (0.94)	Broward	C3C	4	6	1.54	3.67	2.13	ANGLE	D1 - 13150000 (8.31) ↗
									PED / BIKE	D7 - 10130000 (9.53) ↗
										D6 - 87060000 (11.67) ↗
										D4 - 89000058 (1.60) ↗
5	SR 814 / W Atlantic Blvd 86039000 (0.64) ↗ Banks Rd 86000443 (0.01)	Broward	C4	4	6	1.73	3.74	2.02	HEAD-ON	D1 - 16180000 (16.13) ↗
									SINGLE-VEHICLE	D1 - 12010000 (19.15) ↗
									PED / BIKE	D4 - 93012000 (1.30) ↗
										D5 - 77080000 (3.24) ↗
									D4 - 86090000 (7.36) ↗	
									D6 - 87062000 (2.04) ↗	
									D4 - 93210000 (1.22) ↗	
									D4 - 94010000 (2.67) ↗	
									D4 - 86518501 (1.20) ↗	

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2023 Candidate and Sister Signalized Intersections (continued)



District	Candidate Intersections										Sister Intersections
	Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
						Observed	Predicted	Expected	Excess Expected		
District 1											
District 2	6	SR 704 / Okeechobee Blvd 93280000 (3.02) ↗ N Jog Rd 93000220 (1.16)	Palm Beach	C4	4	6	2.52	4.49	1.97	HEAD-ON ANGLE PED / BIKE	D4 - 93851000 (1.98) ↗
D4 - 86080550 (1.53) ↗											
D4 - 86100000 (23.88) ↗											
D2 - 71130000 (2.78) ↗											
District 3											
District 4	7	SR 870 / Commercial Blvd 86014000 (6.24) ↗ SR 845 / Powerline Rd / NW 9th Ave 86065000 (3.57)	Broward	C4	4	6	2.59	4.54	1.95	REAR-END HEAD-ON	D4 - 93851000 (1.98) ↗
D4 - 86028000 (3.98) ↗											
D6 - 87072000 (1.05) ↗											
D6 - 87072000 (6.67) ↗											
District 5											
District 6	8	SR 870 / Commercial Blvd 86014000 (6.42) ↗ Ramps to/from I-95	Broward	C4	4	6	2.05	3.82	1.77	REAR-END HEAD-ON OTHER MULTI-VEHICLE	D5 - 75050000 (6.10) ↗
D4 - 93012000 (0.81) ↗											
D6 - 87047000 (9.33) ↗											
D7 - 10130000 (9.20) ↗											
District 7											
District 8	9	SR 5 / US 1 / Federal Hwy 86020000 (0.52) ↗ NE 6th St / Sistrunk Blvd 86029500 (0.82)	Broward	C6	4	5	1.08	2.81	1.73	REAR-END PED / BIKE	D6 - 87016000 (0.34) ↗
D6 - 87044000 (7.98) ↗											
D6 - 87037000 (5.36) ↗											
D4 - 86020000 (0.19) ↗											
District 9											
District 10	10	SR 806 / Atlantic Ave 93030000 (1.06) ↗ Lyons Rd 93842000 (0.00)	Palm Beach	C3C	4	5	1.77	3.42	1.65	HEAD-ON ANGLE	D7 - 10130000 (9.27) ↗
D6 - 87016000 (0.34) ↗											
D2 - 72170000 (5.71) ↗											
D1 - 12011000 (5.51) ↗											
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2023 Candidate and Sister Signalized Intersections (continued)



District	Candidate Intersections										Sister Intersections
	Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
						Observed	Predicted	Expected	Excess Expected		
District 1											
District 2	11	SR 809 / S Military Trl 93070000 (1.10) ↗ W Camino Real 93000010 (0.00)	Palm Beach	C3R	4	5	1.46	3.07	1.61	REAR-END	D4 - 93026000 (1.09) ↗
D4 - 93842000 (9.22) ↗											
D4 - 93090000 (4.27) ↗											
D7 - 15070000 (6.15) ↗											
District 3	12	SR 5 / US 1 / N Federal Hwy 86020000 (4.09) ↗ SR 816 / E Oakland Park Blvd 86090000 (8.69)	Broward	C5	4	5	2.59	4.17	1.57	OTHER MULTI-VEHICLE PED / BIKE	D4 - 89000032 (3.49) ↗
D7 - 10080000 (3.26) ↗											
D4 - 86020000 (0.00) ↗											
D4 - 86010000 (8.81) ↗											
District 4	13	SR 7 / US 441 93210000 (18.13) ↗ SR 812 / Lantana Rd 93530500 (0.00)	Palm Beach	C4	4	5	1.69	3.24	1.54	REAR-END ANGLE	D4 - 86010000 (8.29) ↗
D6 - 87060002 (0.20) ↗											
D4 - 93000296 (1.73) ↗											
D6 - 87281000 (4.12) ↗											
District 5	14	SR 7 / US 441 86100000 (20.42) ↗ NW 31st St 86000442 (0.00)	Broward	C4	4	5	1.77	3.31	1.54	OTHER MULTI-VEHICLE SINGLE-VEHICLE PED / BIKE	D4 - 93016000 (6.16) ↗
D3 - 46160000 (6.09) ↗											
D4 - 86015000 (3.31) ↗											
D4 - 86090000 (7.36) ↗											
District 6	15	SR 5 / US 1 / Federal Hwy 94010000 (0.58) ↗ CR 716 / SE Port St Lucie Blvd / SE Mariposa Ave 94120000 (9.26)	St. Lucie	C3R	4	5	2.29	3.82	1.53	ANGLE	D6 - 87062000 (2.04) ↗
D4 - 93210000 (1.22) ↗											
D4 - 86014000 (1.01) ↗											
D4 - 86518501 (1.20) ↗											
District 7	15	SR 5 / US 1 / Federal Hwy 94010000 (0.58) ↗ CR 716 / SE Port St Lucie Blvd / SE Mariposa Ave 94120000 (9.26)	St. Lucie	C3R	4	5	2.29	3.82	1.53	ANGLE	D4 - 93260000 (6.08) ↗
D7 - 15120000 (4.55) ↗											
D7 - 15070000 (5.21) ↗											
D4 - 93210000 (22.25) ↗											
											D4 - 86230500 (0.00) ↗

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2023 Candidate and Sister Signalized Intersections (continued)



District	Candidate Intersections									Sister Intersections	
	Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District – Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected			
District 1											
District 2	16	SR 804 / Boynton Bch Blvd 93200000 (5.11) ↗ SR 809 / S Military Trl 93070000 (13.98)	Palm Beach	C4	4	5	2.03	3.55	1.52	ANGLE PED / BIKE	D4 - 86020000 (8.78) ↗
D6 - 87038000 (3.15) ↗											
D4 - 93507500 (1.51) ↗											
D5 - 92010000 (11.76) ↗											
District 3	17	SR 806 / W Atlantic Ave 93030000 (3.56) ↗ Jog Rd 93000051 (0.00)	Palm Beach	C4	4	5	2.03	3.55	1.52	REAR-END ANGLE SINGLE-VEHICLE	D5 - 75035000 (15.73) ↗
D6 - 87133000 (1.55) ↗											
D6 - 87120000 (13.61) ↗											
D6 - 87038000 (3.15) ↗											
District 4	18	SR 845 / Powerline Rd / NW 9th Ave 86065000 (4.60) ↗ W Cypress Creek Rd 86530500 (0.00)	Broward	C3C	4	5	2.54	4.02	1.48	ANGLE PED / BIKE	D4 - 86511500 (1.99) ↗
D4 - 93070000 (22.69) ↗											
D3 - 55003000 (7.88) ↗											
D2 - 26090000 (13.65) ↗											
District 5	19	SR 838 / Sunrise Blvd 86110000 (3.15) ↗ Ramps to/from Turnpike	Broward	C4	3	4	1.42	2.77	1.35	REAR-END PED / BIKE	D5 - 70100000 (8.73) ↗
D5 - 92550002 (0.88) ↗											
D7 - 10130000 (5.02) ↗											
D4 - 87044000 (0.01) ↗											
District 6	20	10th Ave N 93507500 (2.75) ↗ Ramps to/from I-95	Palm Beach	C4	4	5	1.93	3.26	1.33	REAR-END SINGLE-VEHICLE PED / BIKE	D7 - 10310000 (3.02) ↗
D7 - 10310000 (3.21) ↗											
D4 - 86040000 (13.67) ↗											
D6 - 87026000 (6.75) ↗											
District 7											D1 - 17070000 (4.71) ↗
											D1 - 17070000 (4.88) ↗
											D4 - 93514501 (0.03) ↗
											D6 - 87002000 (6.59) ↗
											D4 - 93200000 (8.18) ↗

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2023 Candidate and Sister Signalized Intersections (continued)



District	Candidate Intersections										Sister Intersections
	Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
						Observed	Predicted	Expected	Excess Expected		
District 1											
District 2	21	SR 824 / Pembroke Rd 86018000 (5.07) ↗ Ramps to/from I-95	Broward	C3C	4	5	2.09	3.41	1.32	ANGLE SIDESWIPE	D4 - 93012000 (0.81) ↗
D6 - 87080900 (31.22) ↗											
D4 - 93510000 (1.01) ↗											
D4 - 93680000 (4.56) ↗											
District 3	22	SR 25 / US 27 93100000 (12.60) ↗ SR 80 / Dr Martin Luther King Jr Ave 93110000 (0.01)	Palm Beach	C3R	4	4	1.43	2.58	1.15	SIDESWIPE SINGLE-VEHICLE PED / BIKE	D5 - 75050000 (6.10) ↗
D1 - 13050002 (0.40) ↗											
D4 - 93568000 (4.86) ↗											
D7 - 10040000 (4.17) ↗											
District 4	23	SR A1A / S Ocean Dr 86030000 (0.78) ↗ SR 858 / Hallandale Beach Blvd 86200000 (5.42)	Broward	C5	4	4	2.13	3.27	1.14	REAR-END	D7 - 10040000 (5.45) ↗
D7 - 10030000 (21.53) ↗											
D7 - 15045000 (1.69) ↗											
D6 - 87060002 (0.20) ↗											
District 5	24	SR 848 / Stirling Rd 86016000 (1.25) ↗ SW 64th Ave / Davie Rd 86540500 (0.01)	Broward	C3R	4	4	1.74	2.86	1.12	HEAD-ON OTHER MULTI-VEHICLE PED / BIKE	D4 - 86170500 (1.49) ↗
D4 - 86020000 (0.00) ↗											
D6 - 87060000 (11.67) ↗											
D4 - 86020000 (13.87) ↗											
District 6	25	SR 5 / US 1 / Federal Hwy 94010000 (0.15) ↗ SE Lennard Rd 94000092 (0.01)	St. Lucie	C3R	4	4	1.83	2.94	1.11	OTHER MULTI-VEHICLE SINGLE-VEHICLE	D2 - 72028000 (1.48) ↗
D4 - 86040000 (3.47) ↗											
D1 - 16300000 (0.26) ↗											
D2 - 26250000 (3.22) ↗											
District 7											
											D4 - 93190000 (14.00) ↗
											D4 - 93210000 (0.21) ↗
											D4 - 89010000 (23.02) ↗
											D4 - 93200000 (2.57) ↗
											D1 - 03010000 (1.30) ↗

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2023 Candidate and Sister Signalized Intersections (continued)



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Candidate Intersections										Sister Intersections
Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected		
26	SR 824 / Pembroke Rd 86018000 (3.05) SW 56th Ave 86022501 (0.76)	Broward	C4	4	4	1.57	2.66	1.09	ANGLE OTHER MULTI-VEHICLE	D4 - 86230000 (0.50)
										D6 - 87281000 (4.12)
										D4 - 86190000 (4.01)
										D1 - 16060000 (11.69)
27	SR 5 / US 1 / Federal Hwy 86020000 (6.83) NE 62nd St / E Cypress Creek Rd / Bayview Dr 86530500 (0.00)	Broward	C4	4	4	1.58	2.67	1.09	REAR-END PED / BIKE	D4 - 86230000 (0.50)
										D6 - 87281000 (4.12)
										D4 - 94010000 (2.67)
										D1 - 16060000 (11.69)
28	SR 845 / Powerline Rd / NW 9th Ave 86065000 (5.11) W McNab Rd 86000180 (2)	Broward	C3C	4	4	1.99	3.08	1.09	OTHER MULTI-VEHICLE SINGLE-VEHICLE	D2 - 72014000 (1.45)
										D3 - 55003000 (6.57)
										D1 - 16210000 (6.13)
										D1 - 16180000 (25.55)
29	SR 811 / N Dixie Hwy 86065000 (8.62) E Copans Rd 86529500 (0.00)	Broward	C3C	4	4	2.02	3.10	1.08	OTHER MULTI-VEHICLE	D1 - 17070000 (3.83)
										D3 - 48020000 (8.70)
										D5 - 75080000 (15.86)
										D3 - 55020000 (1.13)
30	SR 816 / E Oakland Park Blvd 86090000 (7.78) SR 811 / N Dixie Hwy 86170000 (2.33)	Broward	C4	4	4	1.75	2.82	1.07	SIDESWIPE PED / BIKE	D2 - 78051000 (16.38)
										D5 - 75030000 (8.51)
										D4 - 93005000 (0.47)
										D6 - 87008000 (8.16)
										D4 - 86220000 (17.94)
										D4 - 86220000 (18.36)
										D4 - 93250500 (6.64)

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2023 Candidate and Sister Signalized Intersections (continued)



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Candidate Intersections										Sister Intersections
Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected		
31	SR 807 / S Congress Ave 93006000 (1.55) 6th Ave S / Melaleuca Ln 93000142 (0.01)	Palm Beach	C4	4	4	1.84	2.90	1.05	REAR-END PED / BIKE	D6 - 87120000 (15.14)
										D4 - 86230502 (0.01)
										D1 - 16030000 (27.76)
										D6 - 87240000 (0.72)
										D5 - 75030000 (5.40)

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2023 Candidate and Sister Signalized Intersections (continued)



District	Candidate Intersections										Sister Intersections
	Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected			
District 1	1	SR 50 / W Colonial Dr 75050000 (12.27) ↗ SR 435 / N Kirkman Rd / Governors Ave 75270000 (7.10)	Orange	C3C	4	9	2.19	6.04	3.84	REAR-END HEAD-ON PED / BIKE	D5 - 11002000 (2.29) ↗
District 2											D4 - 86190000 (1.51) ↗
District 3											D1 - 16261000 (1.81) ↗
District 4											D7 - 10310000 (5.47) ↗
District 5											D3 - 48010000 (13.78) ↗
District 6	2	SR 426 / W Fairbanks Ave 75006000 (0.01) ↗ Ramps to/from I-4	Orange	C4	4	10	1.60	4.86	3.26	REAR-END SIDESWIPE SINGLE-VEHICLE	D5 - 75250001 (1.79) ↗
District 7											D2 - 72193000 (0.30) ↗
District 8											D5 - 75250001 (1.85) ↗
District 9											D2 - 78060000 (15.4) ↗
District 10											D2 - 72018000 (6.83) ↗
District 11	3	SR 50 / W Colonial Dr 75050000 (11.10) ↗ N Hiwassee Rd 75000109 (11.09)	Orange	C3C	4	7	2.31	5.01	2.71	REAR-END	D7 - 10310000 (5.47) ↗
District 12											D5 - 11002000 (2.29) ↗
District 13											D1 - 12060000 (12.07) ↗
District 14											D3 - 55080000 (3.37) ↗
District 15											D4 - 86190000 (1.51) ↗
District 16	4	SR 500 / N Orange Blossom Trl 75020000 (4.84) ↗ Clarcona Ocoee Rd 75032501 (1.19)	Orange	C3C	4	7	1.83	4.52	2.69	REAR-END	D3 - 48040000 (3.54) ↗
District 17											D6 - 87020000 (3.09) ↗
District 18											D4 - 86065000 (3.06) ↗
District 19											D3 - 48003000 (4.55) ↗
District 20											D1 - 17020000 (10.03) ↗
District 21	5	SR 551 / S Goldenrod Rd 75200000 (1.51) ↗ Pershing Ave 75000190 (0.00)	Orange	C3R	4	7	1.76	4.39	2.62	REAR-END OTHER MULTI-VEHICLE	D5 - 77170000 (2.02) ↗
District 22											D4 - 86015000 (10.73) ↗
District 23											D1 - 16300000 (0.26) ↗
District 24											D4 - 93210000 (5.57) ↗
District 25											D2 - 72028000 (1.48) ↗

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2023 Candidate and Sister Signalized Intersections (continued)



Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	Sister Intersections
					Observed	Predicted	Expected	Excess Expected		District - Roadway ID (MP)
6	SR 436 / Semoran Blvd 75003000 (10.62) ↗ SR 426 / Aloma Ave 75090000 (2.93)	Orange	C4	4	7	2.49	5.03	2.54	HEAD-ON SINGLE-VEHICLE	D4 - 93120000 (8.95) ↗
										D4 - 93001000 (5.79) ↗
										D4 - 86028000 (3.98) ↗
										D6 - 87072000 (1.05) ↗
										D4 - 86010000 (0.77) ↗
7	SR 423 / Lee Rd 75190000 (8.60) ↗ Ramps to/from I-4	Orange	C4	4	7	1.85	4.02	2.17	REAR-END PED / BIKE	D6 - 87027003 (0.50) ↗
										D3 - 48012000 (4.42) ↗
										D6 - 87090000 (10.14) ↗
										D4 - 93016000 (8.43) ↗
										D4 - 93530000 (3.12) ↗
8	SR 44 / E New York Ave 79070000 (9.68) ↗ Ramp to I-4	Volusia	C3C	3	6	0.92	3.04	2.11	HEAD-ON ANGLE	D2 - 72070000 (7.39) ↗
										D4 - 86100000 (22.54) ↗
										D3 - 55010000 (6.94) ↗
										D3 - 48040000 (6.62) ↗
										D7 - 10010000 (25.98) ↗
9	SR 5 / US 1 / Ridgewood Ave 79030000 (1.20) ↗ SR 430 / Mason Ave 79220000 (2.07)	Volusia	C4	4	6	1.33	3.24	1.90	SIDESWIPE PED / BIKE	D6 - 87250000 (4.50) ↗
										D7 - 10340000 (6.34) ↗
										D6 - 87080900 (34.18) ↗
										D4 - 93010000 (15.78) ↗
										D4 - 93004000 (6.90) ↗
10	SR 551 / S Goldenrod Rd 75200000 (4.48) ↗ Ramps to/from SR 408	Orange	C3C	4	6	1.46	3.13	1.66	HEAD-ON ANGLE OTHER MULTI-VEHICLE	D2 - 72295000 (0.13) ↗
										D4 - 86004000 (23.53) ↗
										D5 - 18070000 (8.31) ↗
										D3 - 48004000 (9.50) ↗
										D3 - 48117000 (0.23) ↗

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Candidate Intersections										Sister Intersections
Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected		
11	SR 5 / US 1 79030000 (11.08) ↗ Ramps to/from I-95	Volusia	C3C	3	4	1.19	2.54	1.35	SINGLE-VEHICLE	D5 - 77010101 (0.10) ↗
										D5 - 70020000 (24.26) ↗
										D2 - 72120000 (18.34) ↗
										D5 - 79030000 (11.26) ↗
12	SR 50 / E Colonial Dr 75060000 (1.14) ↗ N Magnolia Ave 75040000 (14.81)	Orange	C6	4	4	1.10	2.39	1.29	HEAD-ON SIDESWIPE	D6 - 87030000 (13.51) ↗
										D4 - 86040000 (15.86) ↗
										D1 - 13150000 (8.31) ↗
										D4 - 86210000 (4.02) ↗
13	SR 551 / S Goldenrod Rd 75200000 (4.56) ↗ Ramps to/from SR 408	Orange	C3C	4	5	1.37	2.65	1.28	REAR-END SIDESWIPE	D6 - 87060000 (11.67) ↗
										D2 - 72005000 (0.06) ↗
										D1 - 16118000 (3.89) ↗
										D5 - 79070000 (25.17) ↗
14	SR 500 / US 441 / Citrus Blvd 11040000 (5.81) ↗ CR 460 / Dr Martin Luther King Jr Blvd 11000091 (1.22)	Lake	C3C	4	4	1.39	2.57	1.18	HEAD-ON ANGLE	D4 - 94530000 (4.92) ↗
										D3 - 55003000 (0.00) ↗
										D3 - 55020000 (3.71) ↗
										D3 - 60020000 (10.25) ↗
15	SR 40 / E Silver Springs Blvd 36080000 (2.26) ↗ NE 25th Ave 36523000 (0.00)	Marion	C3C	4	4	1.48	2.65	1.18	OTHER MULTI-VEHICLE PED / BIKE	D6 - 90010000 (2.74) ↗
										D1 - 16003001 (6.50) ↗
										D1 - 13020000 (4.56) ↗
										D1 - 16100000 (1.73) ↗
										D4 - 86033500 (0.39) ↗
										D2 - 72110000 (1.80) ↗
										D3 - 48040000 (4.17) ↗
										D7 - 10110000 (0.01) ↗

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Candidate Intersections										Sister Intersections
Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected		
16	SR 200 36100000 (5.97) ↗ CR 484 / SW Hwy 484 36150000 (16.58)	Marion	C3C	4	4	1.24	2.40	1.17	HEAD-ON	D5 - 36001000 (3.03) ↗
										D3 - 46140000 (5.53) ↗
										D1 - 12004000 (0.05) ↗
										D7 - 08002000 (0.01) ↗
17	SR 50 / W Colonial Dr 75050000 (7.07) ↗ Maguire Rd 75000071 (0.00)	Orange	C3C	4	4	1.65	2.81	1.16	REAR-END	D2 - 72012000 (2.09) ↗
										D3 - 55060000 (5.59) ↗
										D1 - 17008000 (3.04) ↗
										D4 - 86100000 (21.44) ↗
18	SR 500 / US 441 / W Orange Blossom Trl 75020000 (12.29) ↗ Bradshaw Rd 75000118 (0.97)	Orange	C3C	4	4	1.15	2.30	1.15	HEAD-ON OTHER MULTI-VEHICLE	D3 - 57040000 (0.80) ↗
										D5 - 75000091 (0.37) ↗
										D1 - 01010000 (25.86) ↗
										D3 - 55090000 (2.02) ↗
19	SR 406 / Garden St / A Max Brewer Memorial Pkwy 70002000 (2.95) ↗ SR 5 / Washington Ave 70030000 (4.08)	Brevard	C3C	4	4	0.98	2.09	1.11	ANGLE OTHER MULTI-VEHICLE	D1 - 01010000 (12.49) ↗
										D3 - 48040000 (11.31) ↗
										D2 - 71130000 (1.04) ↗
										D4 - 94003000 (7.46) ↗
20	SR 15 / N Woodland Blvd 79050000 (0.01) ↗ SR 600 / Intl Speedway Blvd 79060000 (0.00)	Volusia	C3C	4	4	1.93	3.04	1.10	ANGLE OTHER MULTI-VEHICLE	D2 - 72010000 (13.36) ↗
										D4 - 94003000 (3.90) ↗
										D2 - 72017000 (0.44) ↗
										D4 - 93130000 (3.02) ↗
										D6 - 87020000 (3.09) ↗
										D3 - 48003000 (4.55) ↗
										D3 - 48040000 (3.54) ↗
										D5 - 77502000 (5.78) ↗
										D3 - 55020000 (1.13) ↗

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District	Candidate Intersections										Sister Intersections
	Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
						Observed	Predicted	Expected	Excess Expected		
District 1											
District 2	21	SR 5 / Cocoa Blvd 70020000 (21.14) Peachtree St 70000401 (1.37)	Brevard	C3C	4	4	0.96	2.06	1.10	HEAD-ON ANGLE	D6 - 87020000 (3.09)
D6 - 87020000 (3.09)											
D3 - 48003000 (6.50)											
D5 - 70060000 (22.73)											
District 3											
District 4	22	SR 50 / W Colonial Dr 75060000 (0) SR 500 / US 441 / N Orange Blossom Trl 75050000 (15.97)	Orange	C4	4	4	1.71	2.78	1.07	OTHER MULTI-VEHICLE	D6 - 87140000 (8.18)
SINGLE-VEHICLE										D5 - 75040000 (11.99)	
PED / BIKE										D4 - 86508500 (0.00)	
										D6 - 87240000 (0.72)	
District 5											
District 6	23	SR 15 / Spring Garden Ave S 79160000 (2.76) SR 44 / New York Ave W 79070000 (3.86)	Volusia	C4	4	4	1.21	2.28	1.07	REAR-END	D6 - 87120000 (15.14)
SIDESWIPE										D1 - 13010001 (0.05)	
SINGLE-VEHICLE										D4 - 86004000 (3.07)	
										D3 - 48020000 (16.26)	
District 7											
											D6 - 87038000 (8.94)
											D4 - 86050000 (15.79)

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					Observed	Predicted	Expected	Excess Expected		
1	SR 932 / NW 103rd St 87140000 (7.18) SR 7 / US 441 / NW 7th Ave 87038000 (8.18)	Miami-Dade	C4	4	8	1.61	4.51	2.90	HEAD-ON ANGLE	D6 - 87026000 (2.02)
										D4 - 93150000 (7.04)
										D6 - 87080900 (38.56)
										D4 - 86040000 (9.50)
2	SR 5 / US 1 / Overseas Hwy 90040000 (2.04) Sombbrero Beach Rd 90560000 (2.07)	Monroe	C4	4	6	0.97	2.65	1.68	REAR-END HEAD-ON PED / BIKE	D4 - 93040000 (4.59)
										D6 - 87072000 (4.67)
										D5 - 75030000 (4.02)
										D5 - 75030000 (5.15)
3	SR 5 / US 1 / South Dixie Hwy 87020000 (12.39) Caribbean Blvd 87508500 (0.00)	Miami-Dade	C3C	4	5	1.95	3.58	1.63	ANGLE PED / BIKE	D6 - 90010000 (1.11)
										D2 - 26090000 (13.01)
										D3 - 55003000 (10.99)
										D1 - 01010000 (19.67)
4	SR 994 / Quail Roost Dr 87091000 (6.38) SW 117th Ave 87000476 (0.00)	Miami-Dade	C3R	4	5	1.53	3.15	1.61	ANGLE PED / BIKE	D5 - 77080000 (3.63)
										D5 - 77080000 (4.39)
										D4 - 89000032 (3.49)
										D1 - 01010000 (10.18)
5	SR 933 / NW 12nd Ave 87085000 (4.04) SR 25 / US 27 / NW 36th St 87090000 (18)	Miami-Dade	C4	4	5	1.16	2.59	1.44	HEAD-ON ANGLE	D4 - 88060000 (33.15)
										D4 - 86516000 (0.59)
										D4 - 86004000 (6.45)
										D6 - 87062000 (3.03)
5	SR 933 / NW 12nd Ave 87085000 (4.04) SR 25 / US 27 / NW 36th St 87090000 (18)	Miami-Dade	C4	4	5	1.16	2.59	1.44	HEAD-ON ANGLE	D4 - 94005000 (2.50)
										D4 - 93050000 (2.51)
										D6 - 87250000 (0.43)
										D4 - 93200000 (9.14)

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Candidate Intersections										Sister Intersections
Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District – Roadway ID (MP)
					Observed	Predicted	Expected	Excess Expected		
6	SR 994 / Quail Roost Dr 87091000 (6.96) ↗ Ramp to Turnpike	Miami-Dade	C3R	4	5	1.04	2.20	1.16	ANGLE PED / BIKE	D6 – 87091000 (7.04) ↗
										D6 – 87039000 (0.02) ↗
										D2 – 72150000 (1.95) ↗
										D4 – 86470138 (1.29) ↗
7	SR 7 / US 441 / NW 7th Ave 87140000 (5.66) ↗ SR 934 / NW 79th St 87080900 (38.49)	Miami-Dade	C4	4	4	1.45	2.54	1.09	ANGLE OTHER MULTI-VEHICLE PED / BIKE	D7 – 10330000 (0.16) ↗
										D6 – 87080900 (38.56) ↗
										D4 – 93040000 (9.81) ↗
										D1 – 16003000 (0.47) ↗
8	SR 25 / US 27 / NW 36th St 87090000 (15.97) ↗ NW 32nd Ave 87000178 (0.63)	Miami-Dade	C4	4	4	1.36	2.45	1.09	ANGLE SINGLE-VEHICLE	D3 – 48050000 (19.85) ↗
										D6 – 87250000 (4.50) ↗
										D6 – 87017000 (0.22) ↗
										D1 – 16003000 (0.47) ↗
9	SR 924 / NW 119th St 87052000 (0.52) ↗ NW 22nd Ave 87504503 (2.51)	Miami-Dade	C4	4	4	1.56	2.65	1.09	REAR -END HEAD-ON SINGLE-VEHICLE	D1 – 13150000 (4.57) ↗
										D4 – 93250500 (6.64) ↗
										D4 – 86010000 (1.53) ↗
										D3 – 55010000 (8.58) ↗
10	SR 860 / NE 183rd St / Miami Gardens Dr 87026000 (6.58) ↗ Ramp to/from I-95 & NE 6th Ave	Miami-Dade	C4	4	5	0.91	2.00	1.08	HEAD-ON OTHER MULTI-VEHICLE	D2 – 78060000 (20.77) ↗
										D3 – 55050000 (4.36) ↗
										D6 – 87040102 (0.00) ↗
										D6 – 87085000 (2.38) ↗
										D6 – 87008000 (7.16) ↗
										D4 – 86470138 (1.29) ↗

¹ Minor roadway ID and MP are not provided in cases where minor road is a ramp. ² A 350-ft buffer is used to count crashes for ramp terminal intersections, and a 250-ft buffer is used for other intersections.

2023 Candidate and Sister Signalized Intersections (continued)



District	Candidate Intersections										Sister Intersections
	Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
						Observed	Predicted	Expected	Excess Expected		
District 1											
District 2	11	SR 944 / NW 54th St 87250000 (4.57) ↗ NW 6th Ct 87270902 (11.53)	Miami-Dade	C4	4	4	1.29	2.37	1.08	ANGLE	D4 - 93200000 (8.77) ↗
D4 - 93150000 (17.13) ↗											
D2 - 72150000 (4.13) ↗											
D3 - 55010000 (9.30) ↗											
D3 - 46060000 (5.52) ↗											
District 3	12	SR 9 / NW 27th Ave 87240000 (4.78) ↗ SR 25 / US 27 / NW 36th St 87090000 (16.48)	Miami-Dade	C4	4	4	1.69	2.77	1.08	OTHER MULTI-VEHICLE PED / BIKE	D4 - 93150000 (7.04) ↗
D5 - 75040000 (11.99) ↗											
D6 - 87026000 (2.02) ↗											
D2 - 78060000 (20.77) ↗											
D4 - 93022501 (1.32) ↗											
District 4	13	SR 5 / US 1 / Overseas Hwy 90010000 (4.23) ↗ College Rd 90550031 (0.01)	Monroe	C3C	3	5	0.95	2.03	1.08	REAR-END OTHER MULTI-VEHICLE	D4 - 86016000 (5.33) ↗
D4 - 86016000 (5.96) ↗											
D1 - 16060000 (2.12) ↗											
D5 - 77120000 (3.08) ↗											
D3 - 60020000 (5.72) ↗											
District 5	14	SR 9 / NW 27th Ave 87240000 (10.86) ↗ SR 916 / NW 135th St 87008000 (5.07)	Miami-Dade	C4	4	4	1.83	2.89	1.05	ANGLE SIDESWIPE	D4 - 93210000 (1.22) ↗
D4 - 86014000 (1.01) ↗											
D4 - 86518501 (1.20) ↗											
D4 - 86110000 (5.51) ↗											
D6 - 87120000 (5.03) ↗											
District 6											
District 7											

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2023 Candidate and Sister Signalized Intersections (continued)



District	Candidate Intersections										Sister Intersections
	Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
						Observed	Predicted	Expected	Excess Expected		
District 1											
District 2	1	SR 574 / E Martin Luther King Jr Blvd 10340000 (8.08) ↗ Orient Rd 10516000 (2.05)	Hillsborough	C3C	4	7	1.47	4.04	2.57	ANGLE OTHER MULTI-VEHICLE	D1 - 16003001 (6.50) ↗
D6 - 90010000 (2.74) ↗											
D3 - 60020000 (10.25) ↗											
D1 - 13020000 (4.56) ↗											
District 3	2	SR 574 / E Martin Luther King Jr Blvd 10340000 (3.16) ↗ N Taliaferro Ave / N Marguerite St 10320160 (0.14)	Hillsborough	C4	4	7	2.40	4.95	2.55	HEAD-ON OTHER MULTI-VEHICLE	D1 - 16003001 (7.56) ↗
D6 - 87030000 (22.00) ↗											
D4 - 86190000 (3.51) ↗											
D6 - 87220000 (3.73) ↗											
District 4	3	SR 55 / US 19 14030000 (0.63) ↗ SR 595 / Alt US 19 / Continental Dr 14030020 (0.85)	Pasco	C3C	4	6	2.42	4.53	2.11	HEAD-ON PED / BIKE	D4 - 86015000 (3.81) ↗
D4 - 86010000 (0.77) ↗											
D4 - 93190000 (13.23) ↗											
D4 - 86040000 (4.39) ↗											
District 5	4	SR 41 / US 301 / Gall Blvd 14050000 (3.06) ↗ Chancey Rd 14000043 (3.71)	Pasco	C2	4	6	1.06	3.02	1.96	HEAD-ON ANGLE	D7 - 10160000 (4.82) ↗
D7 - 10130000 (11.05) ↗											
D2 - 71070000 (12.63) ↗											
D1 - 16020102 (0.19) ↗											
District 6	5	SR 55 / US 19 / Commercial Way 08020000 (7.26) ↗ SR 50 / Cortez Blvd 08040000 (0.00)	Hernando	C3C	4	5	2.06	3.67	1.61	REAR-END SINGLE-VEHICLE	D1 - 16050000 (2.05) ↗
D4 - 93060000 (28.88) ↗											
D5 - 36050000 (4.82) ↗											
D7 - 14050000 (4.94) ↗											
District 7											D5 - 79190000 (14.10) ↗
										D3 - 46060000 (2.21) ↗	
										D3 - 46060000 (2.21) ↗	
										D5 - 75260000 (4.22) ↗	
										D1 - 01010000 (21.90) ↗	

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2023 Candidate and Sister Signalized Intersections (continued)



District	Candidate Intersections										Sister Intersections
	Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
						Observed	Predicted	Expected	Excess Expected		
District 1											
District 2	6	SR 686 / E Bay Dr 15030000 (1.56) ↗ CR 1 / Starkey Rd 15004501 (1.51)	Pinellas	C3R	4	5	2.20	3.75	1.56	SIDESWIPE	D7 - 15120000 (4.55) ↗
D4 - 93260000 (6.08) ↗											
D4 - 93200000 (3.61) ↗											
D4 - 93190000 (14.00) ↗											
District 3	7	SR 45 / US 41 02010000 (12.21) ↗ SR 44 / E Gulf to Lake Hwy / E Highland Blvd 02050000 (16.66)	Citrus	C4	4	5	1.26	2.73	1.48	HEAD-ON ANGLE	D3 - 48020000 (16.26) ↗
D4 - 93010000 (15.78) ↗											
D6 - 87038000 (8.94) ↗											
D5 - 77040000 (0.50) ↗											
District 4	8	SR 50 / Cortez Blvd 08070000 (0) ↗ Mondon Hill Rd / Spring Lake Hwy 08630000 (0.00)	Hernando	C2	4	4	1.33	2.54	1.21	ANGLE	D6 - 87080900 (34.18) ↗
D4 - 93280000 (9.43) ↗											
D1 - 07010000 (9.42) ↗											
D2 - 26010000 (11.62) ↗											
District 5	9	SR 44 / E Gulf to Lake Hwy 02050000 (11.52) ↗ N Kensington Ave 02000024 (0.00)	Citrus	C3C	4	4	0.99	2.10	1.11	ANGLE	D6 - 87150000 (10.90) ↗
D1 - 16030000 (17.92) ↗											
D5 - 79270000 (0.98) ↗											
D3 - 48070000 (5.63) ↗											
District 6	10	SR 687 / US 92 / 4th St N 15090000 (0.91) ↗ SR 595 / Alt US 19 / 5th Ave N 15090101 (0.00)	Pinellas	C4	4	4	1.17	2.23	1.07	ANGLE PED / BIKE	D3 - 57130000 (2.10) ↗
D4 - 94010000 (13.63) ↗											
D4 - 94010000 (13.34) ↗											
D1 - 13010001 (0.05) ↗											
District 7											
											D4 - 86004000 (3.07) ↗
											D4 - 86050000 (15.79) ↗
											D4 - 88000010 (3.55) ↗
											D2 - 72291000 (2.28) ↗

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2023 Candidate and Sister Signalized Intersections (continued)



District	Candidate Intersections									Sister Intersections	
	Rank	Major Roadway Name(s) & Roadway ID (MP) Minor Roadway Name(s) & Roadway ID (MP) ¹	County	Context Class	# of Legs	Fatal and Serious Injury (KA) Crashes ²				Overrepresented Crash Type	District - Roadway ID (MP)
						Observed	Predicted	Expected	Excess Expected		
District 1											
District 2	11	SR 45 / W Main St 02010005 (0.02) ↗ S Apopka Ave / Courthouse Square 02000012 (0.00)	Citrus	C4	4	4	1.12	2.17	1.06	REAR-END SINGLE-VEHICLE	D4 - 86512500 (1.01) ↗
D1 - 17120000 (0.50) ↗											
D5 - 79040000 (7.83) ↗											
D3 - 46060000 (5.74) ↗											
District 3											
District 4	12	SR 579 / N Nebraska Ave 10350000 (0.50) ↗ CR 582A / E Fletcher Ave 10821000 (0.5)	Hillsborough	C3C	4	4	2.18	3.21	1.02	OTHER MULTI-VEHICLE PED / BIKE	D5 - 11002000 (2.29) ↗
D1 - 16261000 (1.81) ↗											
D4 - 86190000 (1.51) ↗											
D3 - 48010000 (13.78) ↗											
District 5											
District 6	13	SR 50 / US 98 / Cortez Blvd 08070000 (8.54) ↗ SR 35 / US 301 / Treiman Blvd 08030000 (2.08)	Hernando	C3R	4	4	0.83	1.84	1.01	ANGLE PED / BIKE	D1 - 16070000 (0.75) ↗
D3 - 53120000 (16.76) ↗											
D2 - 71050000 (15.81) ↗											
D1 - 16590000 (22.65) ↗											
District 7											
											D3 - 48013000 (5.66) ↗
											D3 - 48013000 (4.61) ↗

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Appendix

SPFs for three-leg signalized intersections:

$$N_{p,3l\{C1,C2,C2T,C3C,C3R\}} = \exp[-8.1070 + 0.4548 \times \log(AADT_{major}) + 0.3138 \times \log(AADT_{minor}) - 0.5225 \times I_{C2T} - 0.5709 \times I_{C3CC3R}]$$

with $k = 0.380$

$$N_{p,3l\{C4,C5,C6\}} = \exp[-15.7814 + 1.0920 \times \log(AADT_{major}) + 0.3350 \times \log(AADT_{minor})]$$

with $k = 0.267$

SPFs for four-leg signalized intersections:

$$N_{p,4l\{C1,C2,C2T\}} = \exp[-7.1696 + 0.6308 \times \log(AADT_{major}) - 0.7162 \times I_{C2T}]$$

with $k = 0.623$

$$N_{p,4l\{C3C\}} = \exp[-8.0711 + 0.4186 \times \log(AADT_{major}) + 0.3234 \times \log(AADT_{minor})]$$

with $k = 0.591$

$$N_{p,4l\{C3R\}} = \exp[-6.4664 + 0.2945 \times \log(AADT_{major}) + 0.2833 \times \log(AADT_{minor})]$$

with $k = 0.569$

$$N_{p,4l\{C4\}} = \exp[-9.5651 + 0.6181 \times \log(AADT_{major}) + 0.2454 \times \log(AADT_{minor})]$$

with $k = 0.518$

$$N_{p,4l\{C5,C6\}} = \exp[-10.1825 + 0.4571 \times \log(AADT_{major}) + 0.4815 \times \log(AADT_{minor}) - 0.3830 \times I_{OW}]$$

with $k = 0.729$

SPFs for signalized crossroad ramp terminal intersections:

$$N_{p,4lR} = \exp[-5.2525 + 0.3990 \times \log(\sum_{ramps} AADT_{ramp}) \times I_{diamond} + 0.4744 \times \log(\sum_{ramps} AADT_{ramp}) \times I_{parclo}]$$

with $k = 0.395$

$$N_{p,3lR} = \exp[-5.6864 + 0.4942 \times \log(AADT_{ramp}) \times I_{diamond} + 0.4970 \times \log(\sum_{ramps} AADT_{ramp}) \times I_{parclo}]$$

with $k = 0.772$

where

- $N_{p,nl\{CCq\}}$ = Number of predicted crash frequency (crashes per year) at an n -legged intersection located in the context classification group q ;
- $N_{p,nlR}$ = Number of predicted crash frequency (crashes per year) at an n -legged ramp terminal intersection;
- $AADT_{major}$ = Annual average daily traffic (veh/day) along the major road;
- $AADT_{minor}$ = Annual average daily traffic (veh/day) along the minor road;
- $AADT_{ramp}$ = Annual average daily traffic (veh/day) of the ramp leg(s);
- I_{C2T} = Context classification "C2T" indicator (1 if the intersecting roadways are in context classification C2T; 0 otherwise);
- I_{C3CC3R} = Context classification "C3C" or "C3R" indicator (1 if the intersecting roadways are in either context classification C3C or C3R; 0 otherwise);
- I_{OW} = One-way road indicator (1 if one of the approach legs to the intersection is one-way; 0 otherwise);
- $I_{diamond}$ = Indicator variable for diamond ramp (including SPUI) (1 if the ramp configuration is diamond; 0 otherwise);
- I_{parclo} = Indicator variable for parclo ramp (1 if the ramp configuration is parclo; 0 otherwise); and
- k = Overdispersion parameter.