FLORIDA DEPARTMENT OF TRANSPORTATION

Traffic Engineering and Operations Office
System Analysis and Forecast Evaluation (SAFE) Candidates
Fatal and Severe Crashes at Signalized Intersections 2017-2019

--Statewide Top 20 Sites--

Sorted by Estimated Benefit-cost Ratio (BCR)

District	RDWYID	Mile Post	Days Between Expected KA Crashes	Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF	Days Between Expected KA Crashes After Treatment	Expected Savings of Treatment(s)	Months to Reduce One KA Crash	BCR
				Proposed Countermeasure												
7	14030000	1.008	105								✔		120	$2,716,515	26	5,817.43
5	75060000	10.740	177								✔		203	$1,610,120	45	3,448.08
4	86200000	3.623	257								✔		296	$1,255,399	65	2,688.45
4	86100000	18.847	281								✔		323	$1,098,689	71	2,352.85
4	86110000	2.682	161	✔	✔						✔		238	$4,763,799	16	1,089.94
6	87037000	5.659	305	✔							✔		381	$1,538,818	51	1,053.25
7	14030000	2.511	117				✔				✔		144	$3,433,420	21	1,036.92
7	15150000	4.501	208				✔				✔		247	$1,880,378	43	827.95
7	15150000	4.377	274				✔				✔		325	$1,428,570	57	629.01
6	87008000	5.585	276	✔			✔				✔		370	$2,287,632	36	608.05
1	13040000	4.977	280				✔				✔		332	$1,333,820	58	587.29
7	15220000	0.645	311	✔			✔				✔		384	$1,459,738	53	527.33
7	15090000	4.418	247				✔				✔		323	$2,356,514	35	400.32
4	93010101	2.052	354	✔	✔		✔				✔		631	$3,085,537	26	371.55
7	08040000	0.460	280								✔	✔	392	$2,430,193	32	290.84
6	87090000	0.441	270	✔	✔							✔	459	$3,619,968	22	283.11
7	02030000	3.347	313	✔	✔						✔	✔	563	$3,379,250	23	275.64
7	14010000	11.318	174			✔					✔	✔	265	$4,285,503	17	273.46
7	14120000	0.000	81	✔			✔	✔			✔		143	$11,791,961	6	259.93
7	14570000	0.002	150	✔			✔			✔	✔		216	$5,081,816	16	248.38

FLORIDA DEPARTMENT OF TRANSPORTATION

Traffic Engineering and Operations Office
System Analysis and Forecast Evaluation (SAFE) Candidates
Fatal and Severe Crashes at Signalized Intersections 2017-2019

---District 1---

Sorted by Context Classification and Estimated BCR

RDWYID	Mile Post	Days Between Expected KA Crashes	Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF	Days Between Expected KA Crashes After Treatment	Expected Savings of Treatment(s)	Months to Reduce One KA Crash	BCR	Comments
			Proposed Countermeasure													
Four-leg Intersections in Natural (C1), Rural (C2) or Rural Town (C2T)																
09110000	*0.008*	*177*		✔		✔	✔	✔	✔		✔	*541*	*$8,991,084*	*9*	*87.88*	*ICE analysis recommended*
12020000	8.248	263	✔	✔			✔					533	$4,540,502	17	53.00	
16060000	7.828	213	✔	✔		✔	✔	✔	✔		✔	656	$7,469,031	10	71.61	
16180000	*5.946*	*219*		✔			✔		✔		✔	*519*	*$6,235,650*	*12*	*57.62*	*ICE analysis recommended*
Three-leg Intersections in Natural (C1), Rural (C2), Rural Town (C2T), Suburban Residential (C3R) or Suburban Commercial (C3C)																
12020000	4.368	286	✔	✔		✔	✔		✔	✔		559	$4,044,424	19	65.34	ICE analysis recommended
13040000	4.977	280				✔				✔		332	$1,333,820	58	587.29	
Four-leg Intersections in Suburban Commercial (C3C)																
12005000	3.072	205		✔		✔			✔	✔	✔	559	$6,746,218	11	62.07	
13010000	*1.732*	*138*		✔				✔	✔	✔	✔	*486*	*$11,388,454*	*6*	*117.58*	
13020000	4.560	221				✔	✔		✔	✔		413	$4,595,852	16	46.87	ICE analysis recommended
13020000	6.326	260		✔		✔	✔		✔			619	$4,878,876	15	47.07	ICE analysis recommended
13040000	3.969	202		✔		✔	✔		✔	✔		452	$6,001,058	12	61.57	ICE analysis recommended
13040000	6.374	134		✔		✔	✔	✔	✔	✔		451	$11,449,339	6	74.74	
13040000	6.999	88		✔		✔	✔		✔	✔		185	$13,002,120	6	137.02	
13121000	*1.025*	*170*		✔		✔	✔			✔	✔	*386*	*$7,181,222*	*10*	*128.68*	*ICE analysis recommended*
13121000	2.029	263		✔		✔	✔		✔	✔	✔	794	$5,576,372	13	43.84	ICE analysis recommended

Note: Candidates in italic for duplicates with 2020 candidate list.

RDWYID	Mile Post	Days Between Expected KA Crashes	Proposed Countermeasure									Days Between Expected KA Crashes After Treatment	Expected Savings of Treatment(s)	Months to Reduce One KA Crash	BCR	Comments
			Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF					
13121000	*2.810*	*214*		✔		✔	✔		✔	✔	✔	*647*	*$6,839,207*	*11*	*53.77*	*ICE analysis recommended*
13121000	*7.079*	*276*		✔			✔			✔	✔	*587*	*$4,197,947*	*17*	*79.26*	*ICE analysis recommended*
13162000	*1.760*	*85*		✔		✔	✔		✔	✔		*176*	*$13,430,561*	*5*	*167.34*	
13160000	*1.013*	*118*					✔			✔	✔	*250*	*$9,770,311*	*7*	*110.41*	
13160000	2.539	103				✔	✔		✔	✔		193	$9,846,584	7	100.41	
13160000	3.800	182			✔		✔		✔	✔	✔	356	$5,844,058	12	81.85	ICE analysis recommended
17008000	*2.022*	*218*		✔		✔	✔		✔	✔		*508*	*$5,746,220*	*13*	*50.80*	
17008000	3.045	224		✔		✔			✔	✔		382	$4,060,450	18	74.06	
17008000	4.853	219					✔			✔	✔	465	$5,260,604	14	59.45	
17010000	12.853	246					✔	✔	✔	✔		442	$3,936,759	18	54.79	
17020000	*6.122*	*234*		✔		✔	✔		✔	✔	✔	*588*	*$5,648,024*	*13*	*76.28*	*ICE analysis recommended*
17040000	4.201	244		✔			✔		✔	✔		546	$4,943,676	15	49.04	
13121000	0.002	214	✔	✔			✔			✔	✔	495	$5,780,535	12	107.13	
Four-leg Intersections in Suburban Residential (C3R)																
13010000	3.138	110							✔	✔		148	$5,172,480	14	81.98	
13010000	3.768	156		✔					✔	✔		251	$5,225,895	14	100.53	
13010000	*4.254*	*63*		✔			✔		✔	✔		*159*	*$20,789,899*	*3*	*140.69*	
13020000	*2.745*	*237*			✔	✔	✔	✔	✔	✔		*846*	*$6,601,497*	*11*	*38.41*	*ICE analysis recommended*
13120001	1.711	320				✔			✔	✔		586	$3,079,730	23	142.95	
13121000	6.158	291				✔	✔		✔	✔	✔	673	$4,231,717	17	51.24	ICE analysis recommended
13130000	4.570	202				✔	✔		✔	✔	✔	447	$5,888,193	12	58.41	
13162000	*1.258*	*168*		✔			✔		✔	✔		*346*	*$6,617,848*	*11*	*61.44*	
17010000	*6.147*	*235*		✔			✔			✔	✔	*615*	*$5,693,457*	*13*	*61.20*	*ICE analysis recommended*
17010000	12.306	201				✔	✔			✔		372	$4,959,853	14	59.44	
Four-leg Intersections in Urban General (C4)																
13010000	5.283	105		✔			✔			✔		183	$10,090,241	8	223.85	
13010000	6.077	231		✔		✔	✔		✔	✔		497	$5,760,686	14	70.42	ICE analysis recommended

Note: Candidates in italic for duplicates with 2020 candidate list.

| RDWYID | Mile Post | Days Between Expected KA Crashes | Proposed Countermeasure | | | | | | | | | Days Between Expected KA Crashes After Treatment | Expected Savings of Treatment(s) | Months to Reduce One KA Crash | BCR | Comments |
			Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF					
13120001	1.455	348		✔		✔		✔	✔	✔		1075	$4,822,362	17	46.20	
13120001	*1.600*	*329*		✔		✔	✔		✔	✔		*691*	*$3,964,755*	*21*	*41.78*	*ICE analysis recommended*
17008000	0.505	253		✔		✔			✔	✔		481	$4,646,286	18	63.60	ICE analysis recommended
17120000	*2.665*	*327*		✔			✔		✔	✔		*729*	*$4,204,161*	*19*	*41.71*	*ICE analysis recommended*

Note: Candidates in italic for duplicates with 2020 candidate list.

FLORIDA DEPARTMENT OF TRANSPORTATION

Traffic Engineering and Operations Office
System Analysis and Forecast Evaluation (SAFE) Candidates
Fatal and Severe Crashes at Signalized Intersections 2017-2019

---District 2---

Sorted by Context Classification and Estimated BCR

RDWYID	Mile Post	Days Between Expected KA Crashes	Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF	Days Between Expected KA Crashes After Treatment	Expected Savings of Treatment(s)	Months to Reduce One KA Crash	BCR	Comments
Four-leg Intersections in Natural (C1), Rural (C2) or Rural Town (C2T)																
37030000	4.144	442			✔	✔			✔		✔	1012	$3,015,820	26	44.62	ICE analysis recommended
Three-leg Intersections in Natural (C1), Rural (C2), Rural Town (C2T), Suburban Residential (C3R) or Suburban Commercial (C3C)																
72220000	5.542	270	✔			✔			✔	✔		363	$2,230,543	35	117.88	ICE analysis recommended
Four-leg Intersections in Suburban Commercial (C3C)																
26005000	8.652	275	✔	✔			✔		✔	✔		664	$4,664,592	15	42.52	ICE analysis recommended
26050000	6.017	211	✔				✔		✔	✔		468	$5,690,510	13	49.96	ICE analysis recommended
26090000	*13.652*	*159*	✔				✔		✔	✔		*382*	*$8,043,697*	*9*	*55.39*	
72014000	2.252	257	✔	✔		✔			✔	✔		530	$4,370,446	16	99.94	
Four-leg Intersections in Suburban Residential (C3R)																
26005000	4.651	233	✔						✔	✔		342	$2,964,887	24	87.80	ICE analysis recommended
26005000	6.660	284	✔				✔		✔	✔		533	$3,579,854	20	40.00	
Four-leg Intersections in Urban General (C4)																
26010000	*15.212*	*323*	✔			✔			✔	✔		*538*	*$3,085,548*	*26*	*78.73*	
26050000	*3.962*	*353*	✔			✔			✔	✔		*589*	*$2,817,429*	*29*	*71.89*	*ICE analysis recommended*
26050000	4.533	334	✔			✔	✔	✔	✔	✔		1074	$5,119,578	16	37.85	ICE analysis recommended
72291000	1.095	376	✔			✔			✔	✔		654	$2,802,774	29	51.10	ICE analysis recommended

Note: Candidates in italic for duplicates with 2020 candidate list.

FLORIDA DEPARTMENT OF TRANSPORTATION

Traffic Engineering and Operations Office
System Analysis and Forecast Evaluation (SAFE) Candidates
Fatal and Severe Crashes at Signalized Intersections 2017-2019

--District 3--

Sorted by Context Classification and Estimated BCR

RDWYID	Mile Post	Days Between Expected KA Crashes	Proposed Countermeasure									Days Between Expected KA Crashes After Treatment	Expected Savings of Treatment(s)	Months to Reduce One KA Crash	BCR	Comments
			Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF					
Three-leg Intersections in Natural (C1), Rural (C2), Rural Town (C2T), Suburban Residential (C3R) or Suburban Commercial (C3C)																
58030000	15.026	257	✔	✔		✔			✔	✔	✔	541	$4,836,476	16	157.46	ICE analysis recommended
Four-leg Intersections in Suburban Commercial (C3C)																
48020000	11.093	217	✔		✔				✔	✔		333	$3,489,719	21	137.24	
48010000	8.298	278		✔	✔	✔	✔		✔	✔		605	$4,246,255	17	59.04	ICE analysis recommended
57040000	15.037	260	✔	✔		✔	✔		✔	✔		636	$4,988,732	14	60.65	ICE analysis recommended
58010000	4.012	275	✔	✔		✔			✔	✔		615	$4,388,352	16	58.48	
Four-leg Intersections in Suburban Residential (C3R)																
48205000	*7.138*	*294*	✔	✔	✔	✔			✔	✔		*632*	*$3,943,860*	*18*	*111.44*	
Four-leg Intersections in Urban General (C4)																
48020000	*13.474*	*202*				✔			✔	✔		*311*	*$4,295,226*	*19*	*62.69*	

Note: Candidates in italic for duplicates with 2020 candidate list.

FLORIDA DEPARTMENT OF TRANSPORTATION

Traffic Engineering and Operations Office
System Analysis and Forecast Evaluation (SAFE) Candidates
Fatal and Severe Crashes at Signalized Intersections 2017-2019

--District 4--

Sorted by Context Classification and Estimated BCR

RDWYID	Mile Post	Days Between Expected KA Crashes	Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF	Days Between Expected KA Crashes After Treatment	Expected Savings of Treatment(s)	Months to Reduce One KA Crash	BCR	Comments
Four-leg Intersections in Suburban Commercial (C3C)																
86100000	*19.529*	*127*		✔			✔		✔	✔		*295*	*$9,845,231*	*7*	*84.54*	
87002000	8.756	249	✔	✔		✔	✔		✔	✔		815	$6,088,479	12	39.63	
93030000	6.984	142	✔	✔			✔		✔	✔		389	$9,757,515	7	82.38	
Four-leg Intersections in Suburban Residential (C3R)																
86006000	*0.688*	*194*	✔	✔		✔	✔	✔	✔	✔		*679*	*$7,982,210*	*9*	*57.62*	
86006000	1.571	216	✔	✔		✔	✔	✔	✔	✔		949	$7,782,172	9	45.75	ICE analysis recommended
93016000	4.138	274	✔	✔		✔	✔	✔	✔	✔		942	$5,616,148	13	49.10	ICE analysis recommended
93030000	*6.400*	*236*	✔	✔		✔	✔	✔	✔	✔		*1081*	*$7,192,126*	*10*	*46.27*	*ICE analysis recommended*
Four-leg Intersections in Urban General (C4)																
86014000	1.998	194		✔			✔		✔	✔		471	$7,514,030	11	56.88	
86039000	0.000	109					✔		✔	✔		206	$10,691,287	8	95.53	
86100000	2.573	240					✔		✔	✔		452	$4,865,604	17	43.48	
86090000	*5.337*	*205*	✔				✔		✔	✔		*402*	*$5,941,582*	*14*	*61.09*	
86090000	*6.855*	*236*	✔	✔			✔		✔	✔		*525*	*$5,812,499*	*14*	*53.47*	
86014000	3.219	169	✔				✔			✔		318	$6,912,527	12	84.72	

Note: Candidates in italic for duplicates with 2020 candidate list.

| RDWYID | Mile Post | Days Between Expected KA Crashes | Proposed Countermeasure | | | | | | | | | Days Between Expected KA Crashes After Treatment | Expected Savings of Treatment(s) | Months to Reduce One KA Crash | BCR | Comments |
			Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF					
86100000	17.652	203				✔	✔		✔	✔		428	$6,453,205	13	44.49	
86110000	3.398	240	✔	✔					✔	✔		384	$3,902,578	21	180.17	
86110000	5.019	236					✔		✔	✔		426	$4,717,485	17	49.01	
86065000	6.518	234	✔	✔			✔			✔		522	$5,867,759	14	68.52	
86200000	3.623	257								✔		296	$1,255,399	65	2,688.4	
86220000	*12.327*	*133*	✔	✔			✔			✔		*310*	*$10,617,394*	*8*	*123.26*	
89092000	1.309	207	✔	✔			✔		✔	✔		543	$7,454,186	11	72.52	
93010101	2.052	354	✔	✔		✔				✔		631	$3,085,537	26	371.55	ICE analysis recommended
93010000	10.544	404	✔	✔		✔	✔			✔		821	$3,131,128	26	64.73	
93010101	1.047	391				✔	✔		✔	✔		595	$2,171,167	38	37.44	ICE analysis recommended
93016000	7.661	260	✔			✔	✔		✔	✔		499	$4,595,697	18	59.93	ICE analysis recommended
93030000	3.841	224	✔	✔	✔	✔	✔		✔	✔		745	$7,748,714	11	72.39	ICE analysis recommended
93030000	*5.161*	*239*	✔	✔			✔			✔		*602*	*$6,285,158*	*13*	*72.13*	
93070000	*21.166*	*207*	✔			✔	✔		✔	✔		*399*	*$5,754,864*	*14*	*62.66*	*ICE analysis recommended*
93070000	*22.186*	*254*	✔			✔	✔		✔	✔		*531*	*$5,087,139*	*16*	*47.11*	*ICE analysis recommended*
93070000	22.690	235	✔				✔		✔	✔		566	$6,170,105	13	42.49	
93070000	*23.454*	*178*	✔			✔	✔			✔		*389*	*$7,534,885*	*11*	*88.20*	*ICE analysis recommended*
93180000	3.611	236	✔				✔		✔	✔		503	$5,582,914	15	43.42	
93150000	*2.008*	*167*	✔				✔			✔		*342*	*$7,579,762*	*11*	*91.78*	
Three-leg Intersections in Urban General (C4), Urban Center (C5) or Urban Core (C6)																
86100000	18.847	281								✔		323	$1,098,689	71	2,352.8	
86110000	2.682	161	✔	✔						✔		238	$4,763,799	16	1,089.9	
Four-leg Intersections in Urban Center (C5) or Urban Core (C6)																
86006000	6.342	287				✔	✔		✔	✔		542	$4,632,382	20	42.66	
86006000	*0.000*	*129*	✔	✔			✔			✔		*301*	*$12,429,259*	*7*	*144.30*	
93016000	*5.142*	*214*	✔			✔	✔			✔		*465*	*$7,139,514*	*13*	*83.57*	*ICE analysis recommended*

Note: Candidates in italic for duplicates with 2020 candidate list.

FLORIDA DEPARTMENT OF TRANSPORTATION

Traffic Engineering and Operations Office
System Analysis and Forecast Evaluation (SAFE) Candidates
Fatal and Severe Crashes at Signalized Intersections 2017-2019

---District 5---

Sorted by Context Classification and Estimated BCR

RDWYID	Mile Post	Days Between Expected KA Crashes	Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF	Days Between Expected KA Crashes After Treatment	Expected Savings of Treatment(s)	Months to Reduce One KA Crash	BCR	Comments
Four-leg Intersections in Natural (C1), Rural (C2) or Rural Town (C2T)																
11010000	*7.882*	*171*	✓			✓	✓		✓		✓	*350*	*$7,029,855*	*11*	*83.59*	*ICE analysis recommended*
11010000	21.224	268	✓	✓	✓	✓	✓	✓	✓		✓	1039	$6,532,508	12	58.53	ICE analysis recommended
79050000	*12.164*	*314*	✓	✓		✓			✓			*732*	*$4,296,928*	*18*	*72.61*	
Three-leg Intersections in Natural (C1), Rural (C2), Rural Town (C2T), Suburban Residential (C3R) or Suburban Commercial (C3C)																
79190000	0.012	286	✓		✓					✓		388	$2,173,984	36	247.70	
Four-leg Intersections in Suburban Commercial (C3C)																
11010000	*11.697*	*249*	✓			✓	✓	✓		✓		*539*	*$4,713,381*	*15*	*77.24*	*ICE analysis recommended*
36008000	*2.418*	*221*	✓			✓			✓	✓		*385*	*$4,192,455*	*17*	*76.44*	
36030000	1.231	199	✓			✓	✓		✓	✓		452	$6,142,754	12	60.77	
36100000	*11.838*	*248*	✓	✓			✓		✓	✓	✓	*760*	*$5,931,124*	*12*	*40.97*	*ICE analysis recommended*
36100000	16.473	260	✓			✓	✓		✓	✓		556	$4,468,538	16	47.08	
36100000	17.658	283	✓			✓			✓	✓		497	$3,319,772	22	62.60	
70140000	1.964	235	✓			✓	✓	✓	✓	✓		632	$5,855,931	12	61.53	
75200000	8.434	133					✓		✓	✓		251	$7,705,431	9	68.85	
75002000	*3.651*	*253*		✓		✓	✓	✓				*886*	*$6,191,682*	*12*	*45.88*	*ICE analysis recommended*
75003000	*7.628*	*219*					✓		✓	✓	✓	*426*	*$4,861,349*	*15*	*50.96*	ICE analysis recommended
75010000	2.697	177	✓			✓				✓	✓	407	$6,968,810	10	77.88	

Note: Candidates in italic for duplicates with 2020 candidate list.

RDWYID	Mile Post	Days Between Expected KA Crashes	Proposed Countermeasure									Days Between Expected KA Crashes After Treatment	Expected Savings of Treatment(s)	Months to Reduce One KA Crash	BCR	Comments
			Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF					
75010000	3.413	207	✔			✔	✔	✔	✔	✔	✔	671	$7,308,311	10	52.46	ICE analysis recommended
75010000	8.640	175	✔						✔	✔		237	$3,256,318	22	184.86	
75010000	10.147	203	✔			✔	✔		✔	✔		360	$4,694,422	15	62.02	
75039000	2.027	158	✔	✔	✔		✔			✔	✔	530	$9,680,774	7	94.60	
75037000	1.126	211	✔			✔	✔		✔	✔		440	$5,403,671	13	50.04	ICE analysis recommended
75037000	2.147	175	✔				✔		✔	✔		280	$4,659,965	15	81.49	
75200000	6.440	175	✔				✔			✔	✔	401	$7,071,921	10	79.03	
75060000	8.941	202	✔				✔			✔	✔	463	$6,123,839	12	68.44	
75060000	10.740	177								✔		203	$1,610,120	45	3,448.0	
75060000	11.729	137					✔			✔		239	$6,753,523	11	83.79	
75060000	13.280	215	✔			✔	✔		✔	✔		366	$4,197,582	17	69.93	
75060000	16.540	164	✔		✔	✔	✔			✔	✔	356	$7,167,988	10	120.32	
75120000	0.449	197	✔			✔	✔	✔	✔	✔		425	$5,973,212	12	65.39	ICE analysis recommended
75190000	3.217	202					✔			✔		351	$4,594,256	16	57.00	
75200000	2.728	144	✔				✔			✔		295	$7,746,278	9	93.79	ICE analysis recommended
75200000	4.426	251					✔		✔	✔		453	$3,902,324	18	40.54	
75200000	5.426	195	✔			✔			✔	✔		339	$4,753,695	15	67.90	
75250000	5.313	192	✔			✔	✔		✔	✔		363	$5,365,988	13	68.56	
75250000	5.786	226	✔			✔	✔		✔	✔		463	$4,961,164	14	45.28	ICE analysis recommended
75080000	9.018	275	✔			✔	✔			✔		552	$3,996,842	18	47.33	ICE analysis recommended
75250000	6.298	121	✔				✔		✔	✔		248	$9,220,354	8	81.66	
79010000	29.920	295	✔			✔	✔	✔	✔	✔		795	$4,659,080	15	37.13	
79030000	6.239	262	✔		✔	✔	✔		✔	✔		586	$4,607,373	16	55.51	ICE analysis recommended
79160000	0.002	163	✔			✔	✔		✔	✔		340	$7,016,359	10	70.10	ICE analysis recommended
79060000	2.636	280	✔		✔	✔	✔	✔	✔	✔	✔	1062	$5,745,525	13	46.64	ICE analysis recommended
79060000	15.584	233	✔	✔		✔	✔	✔	✔	✔	✔	896	$6,930,637	10	54.07	ICE analysis recommended

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RDWYID	Mile Post	Days Between Expected KA Crashes	Proposed Countermeasure									Days Between Expected KA Crashes After Treatment	Expected Savings of Treatment(s)	Months to Reduce One KA Crash	BCR	Comments
			Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF					
79060000	*19.612*	*133*					✔		✔	✔		*212*	*$6,165,542*	*12*	*70.46*	
79030000	5.518	188		✔		✔	✔		✔	✔		395	$6,104,974	12	64.34	
79190000	*3.310*	*240*	✔		✔	✔			✔	✔		*453*	*$4,286,572*	*17*	*68.96*	
79190000	*6.137*	*256*			✔		✔		✔	✔	✔	*613*	*$4,990,172*	*14*	*44.77*	
79190000	*2.525*	*170*	✔	✔			✔		✔	✔		*447*	*$7,958,046*	*9*	*77.42*	
92010000	13.253	219	✔		✔	✔			✔	✔		427	$4,879,112	15	104.34	
92090000	8.833	148	✔			✔	✔		✔	✔		311	$7,689,291	9	76.82	
92090000	12.105	247	✔			✔	✔			✔		403	$3,435,760	21	77.43	ICE analysis recommended
92010000	14.018	177	✔		✔		✔			✔	✔	443	$7,390,375	10	76.35	
Four-leg Intersections in Suburban Residential (C3R)																
18070000	*16.687*	*272*		✔	✔		✔		✔	✔	✔	*805*	*$5,283,501*	*14*	*45.55*	ICE analysis recommended
75250000	*4.808*	*176*	✔				✔		✔	✔		*391*	*$6,757,025*	*11*	*46.85*	
Four-leg Intersections in Urban General (C4)																
36010000	*24.438*	*109*	✔			✔			✔	✔		*189*	*$9,708,557*	*8*	*177.01*	
36030000	*0.540*	*145*	✔			✔	✔		✔	✔		*302*	*$8,952,764*	*9*	*82.90*	
36110000	*25.978*	*271*					✔		✔	✔		*450*	*$3,664,271*	*22*	*35.52*	ICE analysis recommended
70011000	*2.244*	*282*					✔		✔	✔		*469*	*$3,513,683*	*23*	*34.06*	
70100000	*8.727*	*243*	✔				✔			✔		*458*	*$4,790,855*	*17*	*58.72*	
70100000	8.990	362	✔						✔	✔		489	$1,792,226	46	101.74	
75010000	11.530	213	✔			✔	✔	✔	✔	✔		604	$7,558,103	11	59.75	
75010000	12.667	187						✔	✔	✔		306	$5,149,559	16	54.54	
75190000	*7.152*	*247*			✔		✔		✔	✔		*549*	*$5,534,341*	*15*	*36.76*	ICE analysis recommended
79270000	*2.178*	*247*	✔				✔			✔		*504*	*$5,142,888*	*16*	*62.27*	
79060000	*20.386*	*298*	✔			✔			✔	✔		*626*	*$4,365,193*	*19*	*61.68*	
79080000	*1.115*	*406*	✔		✔	✔	✔		✔	✔		*1050*	*$3,751,293*	*22*	*32.02*	
79150000	*1.110*	*340*			✔	✔			✔	✔		*503*	*$2,365,343*	*35*	*81.96*	
79220000	0.991	212	✔			✔	✔		✔	✔		443	$6,093,147	13	56.42	ICE analysis recommended

Note: Candidates in italic for duplicates with 2020 candidate list.

FLORIDA DEPARTMENT OF TRANSPORTATION

Traffic Engineering and Operations Office

System Analysis and Forecast Evaluation (SAFE) Candidates

Fatal and Severe Crashes at Signalized Intersections 2017-2019

--District 6--

Sorted by Context Classification and Estimated BCR

RDWYID	Mile Post	Days Between Expected KA Crashes	Proposed Countermeasure									Days Between Expected KA Crashes After Treatment	Expected Savings of Treatment(s)	Months to Reduce One KA Crash	BCR	Comments
			Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF					
Three-leg Intersections in Natural (C1), Rural (C2), Rural Town (C2T), Suburban Residential (C3R) or Suburban Commercial (C3C)																
87090000	0.441	270	✔	✔							✔	459	$3,619,968	22	283.11	ICE analysis recommended
Four-leg Intersections in Suburban Commercial (C3C)																
87020000	13.979	184	✔	✔		✔	✔		✔	✔		506	$7,542,098	10	65.52	
Four-leg Intersections in Suburban Residential (C3R)																
87240000	11.823	280	✔			✔	✔		✔	✔		516	$3,555,118	20	58.26	
Four-leg Intersections in Urban General (C4)																
87001000	*3.132*	*204*	✔	✔		✔	✔		✔	✔		*634*	*$8,270,336*	*10*	*66.77*	*ICE analysis recommended*
87019000	*2.242*	*225*	✔			✔	✔		✔	✔		*540*	*$6,426,288*	*13*	*57.99*	*ICE analysis recommended*
87020000	13.795	187	✔	✔		✔	✔		✔	✔		493	$8,240,036	10	82.85	ICE analysis recommended
87026000	*1.017*	*214*	✔			✔	✔		✔	✔		*586*	*$7,358,265*	*11*	*48.85*	*ICE analysis recommended*
87037000	0.888	332				✔		✔	✔	✔		651	$3,665,930	22	43.41	ICE analysis recommended
87240000	8.850	239	✔	✔		✔	✔		✔	✔		727	$6,974,179	12	50.93	
87044000	*2.648*	*257*	✔			✔	✔		✔	✔		*673*	*$5,994,621*	*14*	*44.41*	*ICE analysis recommended*
87080900	33.681	326	✔			✔			✔	✔		565	$3,240,135	25	59.08	
87090000	16.988	345	✔	✔		✔			✔	✔		770	$3,982,928	21	53.07	
87120000	5.518	211	✔	✔		✔	✔		✔	✔		571	$7,450,646	11	71.24	

Note: Candidates in italic for duplicates with 2020 candidate list.

RDWYID	Mile Post	Days Between Expected KA Crashes	Proposed Countermeasure									Days Between Expected KA Crashes After Treatment	Expected Savings of Treatment(s)	Months to Reduce One KA Crash	BCR	Comments
			Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF					
87140000	6.677	210	✔			✔			✔	✔		350	$4,742,250	17	121.01	
87140000	12.606	196	✔				✔		✔	✔		471	$7,415,084	11	51.06	
87140000	13.101	164	✔		✔	✔	✔		✔	✔		487	$10,066,349	8	63.73	ICE analysis recommended
87160000	8.615	303	✔	✔		✔	✔		✔	✔		890	$5,405,488	15	64.30	
87034000	4.981	198	✔			✔			✔	✔		357	$5,631,046	15	79.87	
87240000	9.853	236	✔	✔		✔	✔		✔	✔		733	$7,155,958	11	57.77	
87281000	8.194	165	✔			✔	✔		✔	✔		331	$7,536,471	11	81.62	
87250000	2.967	278	✔			✔			✔	✔		503	$3,999,512	20	56.73	ICE analysis recommended
87008000	5.585	276	✔			✔				✔		370	$2,287,632	36	608.05	
90010000	1.106	360		✔		✔		✔	✔	✔		1109	$4,673,653	17	44.78	ICE analysis recommended
Three-leg Intersections in Urban General (C4), Urban Center (C5) or Urban Core (C6)																
87037000	5.659	305	✔							✔		381	$1,538,818	51	1,053.25	
Four-leg Intersections in Urban Center (C5) or Urban Core (C6)																
87030000	2.428	212	✔			✔	✔	✔	✔	✔		534	$8,028,774	12	57.63	

Note: Candidates in italic for duplicates with 2020 candidate list.

FLORIDA DEPARTMENT OF TRANSPORTATION

Traffic Engineering and Operations Office
System Analysis and Forecast Evaluation (SAFE) Candidates
Fatal and Severe Crashes at Signalized Intersections 2017-2019

--District 7--

Sorted by Context Classification and Estimated BCR

RDWYID	Mile Post	Days Between Expected KA Crashes	Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF	Days Between Expected KA Crashes After Treatment	Expected Savings of Treatment(s)	Months to Reduce One KA Crash	BCR	Comments
Three-leg Intersections in Natural (C1), Rural (C2), Rural Town (C2T), Suburban Residential (C3R) or Suburban Commercial (C3C)															
02030000	3.347	313	✓	✓						✓	✓	563	$3,379,250	23	275.64	ICE analysis recommended
02050000	13.553	236	✓		✓	✓	✓		✓	✓	✓	537	$5,631,922	14	62.68	ICE analysis recommended
08040000	0.460	280								✓	✓	392	$2,430,193	32	290.84	ICE analysis recommended
10110000	7.674	262	✓				✓		✓	✓	✓	511	$4,397,768	18	54.81	ICE analysis recommended
14050000	11.328	254									✓	309	$1,683,785	46	213.44	
14120000	1.321	198					✓		✓	✓		291	$3,845,985	20	68.44	
Four-leg Intersections in Suburban Commercial (C3C)															
02030000	16.475	317				✓	✓	✓	✓	✓		780	$4,104,592	18	44.04	ICE analysis recommended
08020000	1.934	211	✓				✓			✓	✓	485	$5,848,462	12	65.36	
08020000	*4.773*	*215*				✓	✓		✓	✓	✓	*506*	*$5,838,985*	*12*	*54.57*	*ICE analysis recommended*
08040000	4.592	220				✓	✓		✓	✓	✓	421	$4,744,671	15	70.90	ICE analysis recommended
08040000	5.085	259				✓	✓			✓	✓	476	$3,846,997	19	75.04	ICE analysis recommended
10010000	*11.179*	*145*	✓				✓			✓	✓	*333*	*$8,523,376*	*8*	*95.25*	
10010000	15.708	144				✓	✓			✓		257	$6,740,118	11	81.79	
10010000	16.707	245	✓			✓	✓		✓	✓		544	$4,923,382	15	44.53	ICE analysis recommended
10010000	*18.510*	*197*					✓			✓	✓	*416*	*$5,873,470*	*12*	*66.38*	
10060000	17.223	229	✓			✓	✓	✓	✓	✓	✓	691	$6,386,070	11	57.00	

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RDWYID	Mile Post	Days Between Expected KA Crashes	Proposed Countermeasure									Days Between Expected KA Crashes After Treatment	Expected Savings of Treatment(s)	Months to Reduce One KA Crash	BCR	Comments
			Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF					
10110000	7.075	145				✓	✓		✓	✓	✓	340	$8,693,827	8	81.26	ICE analysis recommended
10110000	8.931	253				✓	✓		✓	✓		413	$3,355,815	21	44.93	ICE analysis recommended
10250000	1.149	285	✓			✓	✓		✓	✓		485	$3,164,457	23	52.72	ICE analysis recommended
10290000	1.011	252					✓		✓	✓		418	$3,469,210	21	33.63	ICE analysis recommended
10290000	1.517	213					✓		✓	✓		436	$5,244,104	14	36.61	ICE analysis recommended
14120000	2.010	107	✓				✓		✓	✓		246	$11,633,486	6	89.79	
14030000	1.008	105								✓		120	$2,716,515	26	5,817.43	ICE analysis recommended
14030000	1.512	175				✓			✓	✓		250	$3,776,468	19	106.71	ICE analysis recommended
14030000	*1.712*	*93*	✓			✓	✓		✓	✓		*171*	*$10,818,622*	*7*	*177.29*	*ICE analysis recommended*
14030000	2.511	117				✓				✓		144	$3,433,420	21	1,036.92	ICE analysis recommended
14030000	8.758	129	✓				✓			✓		243	$7,942,739	9	97.34	
14030000	*9.058*	*249*	✓				✓		✓	✓		*488*	*$4,310,695*	*17*	*44.33*	
14030000	9.415	165				✓	✓	✓		✓		304	$6,029,978	12	102.14	ICE analysis recommended
14030000	*9.729*	*106*	✓			✓	✓	✓	✓	✓		*271*	*$12,512,563*	*6*	*108.10*	*ICE analysis recommended*
14030000	10.000	216				✓	✓			✓		326	$3,398,724	21	78.35	ICE analysis recommended
14120000	*0.000*	*81*	✓			✓	✓			✓		*143*	*$11,791,961*	*6*	*259.93*	
14030000	*13.846*	*81*	✓			✓	✓	✓	✓	✓	✓	*231*	*$17,645,568*	*4*	*176.06*	*ICE analysis recommended*
14030000	14.825	201				✓	✓	✓	✓	✓	✓	567	$7,013,321	10	71.39	ICE analysis recommended
08020000	0.013	251	✓			✓	✓	✓		✓	✓	724	$5,713,399	13	53.42	
14571000	*8.285*	*136*	✓				✓			✓	✓	*313*	*$9,071,535*	*8*	*101.38*	
14090000	1.780	197	✓		✓		✓			✓	✓	401	$5,633,136	13	99.29	
14090000	*18.310*	*247*							✓	✓		*321*	*$2,038,024*	*35*	*42.96*	
14091000	0.759	196					✓			✓	✓	414	$5,903,417	12	66.71	
14120000	2.516	134					✓	✓	✓	✓		262	$7,915,622	9	76.73	ICE analysis recommended
14120000	3.032	193					✓	✓	✓	✓		392	$5,736,365	13	48.28	ICE analysis recommended
14570000	0.872	227	✓	✓		✓			✓	✓		404	$4,231,289	17	105.36	ICE analysis recommended
14570000	2.717	119	✓	✓	✓		✓			✓		246	$9,406,366	8	176.20	

Note: Candidates in italic for duplicates with 2020 candidate list.

RDWYID	Mile Post	Days Between Expected KA Crashes	Proposed Countermeasure									Days Between Expected KA Crashes After Treatment	Expected Savings of Treatment(s)	Months to Reduce One KA Crash	BCR	Comments
			Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF					
14572000	0.420	107					✔			✔	✔	226	$10,796,534	7	122.01	ICE analysis recommended
15040000	2.419	205					✔	✔		✔		385	$5,018,478	14	44.84	
15061000	5.944	201	✔		✔	✔	✔	✔	✔	✔		618	$7,364,844	10	63.87	ICE analysis recommended
15061101	*0.187*	*277*			✔		✔	✔	✔	✔		563	$4,007,439	18	42.26	
15120000	8.114	175	✔				✔			✔		268	$4,340,647	17	104.52	
15030018	0.583	149					✔		✔	✔	✔	329	$8,013,470	9	76.94	
15150000	7.889	209				✔	✔			✔		456	$5,655,160	13	38.71	ICE analysis recommended
15150000	*8.384*	*186*				✔	✔			✔		316	$4,857,799	15	53.77	*ICE analysis recommended*
15150000	*23.114*	*200*				✔	✔			✔	✔	615	$7,409,337	10	48.12	
15150000	*25.842*	*169*					✔		✔	✔	✔	373	$7,074,153	10	67.93	
15230000	*4.646*	*265*				✔	✔	✔	✔	✔		664	$4,971,237	14	40.86	*ICE analysis recommended*
Four-leg Intersections in Suburban Residential (C3R)																
10010000	9.665	259					✔		✔	✔		381	$2,684,480	27	47.77	
10340000	11.896	134				✔	✔		✔	✔	✔	361	$10,221,780	7	93.08	ICE analysis recommended
14010000	*11.318*	*174*			✔					✔	✔	265	$4,285,503	17	273.46	
15030000	*4.541*	*224*							✔	✔	✔	355	$3,569,151	20	64.51	*ICE analysis recommended*
Four-leg Intersections in Urban General (C4)																
10030000	0.504	226	✔			✔	✔		✔	✔		536	$6,387,746	13	58.15	ICE analysis recommended
10130000	6.038	329	✔			✔	✔		✔	✔		960	$4,977,556	16	33.20	
10040000	2.159	265	✔	✔		✔	✔		✔	✔		1036	$6,995,639	12	45.00	
10020000	*5.355*	*220*					✔		✔	✔		433	$5,532,904	15	43.37	
14570000	*0.002*	*150*	✔			✔			✔	✔		216	$5,081,816	16	248.38	
15090000	4.418	247				✔				✔		323	$2,356,514	35	400.32	
15150000	*4.377*	*274*				✔				✔		325	$1,428,570	57	629.01	
15150000	4.501	208				✔				✔		247	$1,880,378	43	827.95	
15230000	5.389	171					✔		✔	✔		350	$7,426,437	11	51.85	

Note: Candidates in italic for duplicates with 2020 candidate list.

RDWYID	Mile Post	Days Between Expected KA Crashes	Proposed Countermeasure									Days Between Expected KA Crashes After Treatment	Expected Savings of Treatment(s)	Months to Reduce One KA Crash	BCR	Comments
			Backplates	Crosswalk	Lighting	FYA	LT Offset	LT Lane	RT Lane	LPI	DSWF					
Three-leg Intersections in Urban General (C4), Urban Center (C5) or Urban Core (C6)																
15220000	0.645	311	✔			✔				✔		384	$1,459,738	53	527.33	
Four-leg Intersections in Urban Center (C5) or Urban Core (C6)																
15090000	5.391	404				✔	✔		✔	✔		851	$3,662,198	25	39.30	

Note: Candidates in italic for duplicates with 2020 candidate list.