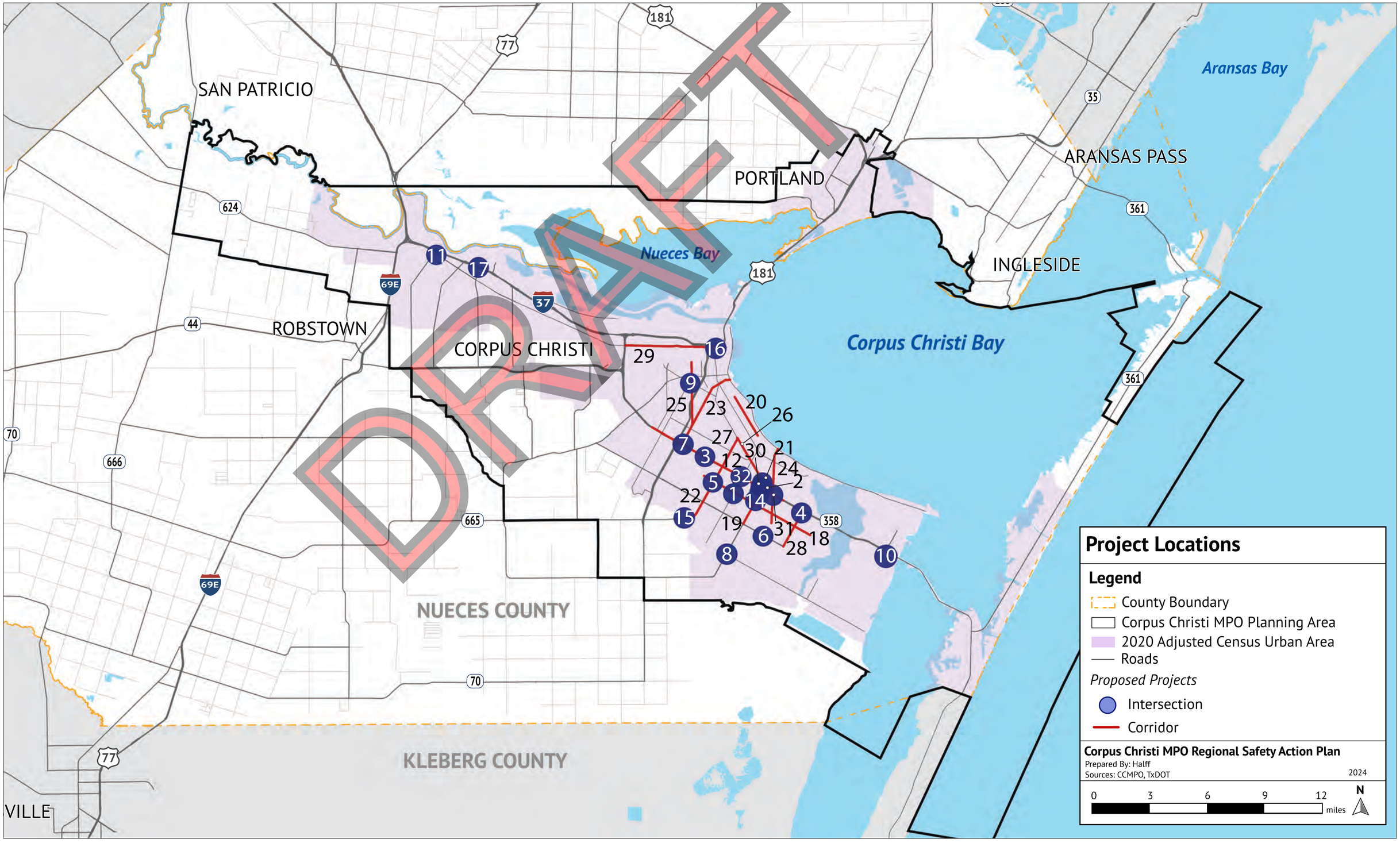
DRAFT Regional Safety Action Plan (RSAP) Project Table 1 - 32 Locations and Recommendations

This plan includes analysis of all of the crash records in our metropolitan area from 2016 through 2023 and detailed diagnosis of over 30 locations. It addresses critical safety needs that is shaped by data, implements proven safety countermeasures with quantifiable crash reduction factors, and considers equity and community input. The initial 20 locations may include multiple projects that would address the nature and magnitude of the safety problem followed by development of countermeasures and benefit/cost analysis of proposed improvements.

Location	Project ID	Intersection(s) / Corridor	From Street	To Street	Improvement Recommendation	Cost	Benefit / Cost
1	1.1	Everhart @ Holly	n/a	n/a	Protected-only left turn phasing	$2,000	2294.53
	1.2	Everhart @ Holly	n/a	n/a	Check / update change and clearance intervals	$2,000	1361.73
2	2.1	Staples @ SPID SFR	n/a	n/a	Check / update change and clearance intervals	$2,000	709.45
	2.2	Staples @ SPID SFR	n/a	n/a	Pavement markings, lane control signing	$13,600	6.21
3	3.1	Kostoryz @ SPID SFR	n/a	n/a	Check / update change and clearance intervals	$2,000	652.27
	3.2	Kostoryz @ SPID SFR	n/a	n/a	Pavement markings (extension lines)	$5,600	31.4
	3.3	Kostoryz @ SPID SFR	n/a	n/a	Add signal heads	$10,150	385.58
	3.4	Kostoryz @ SPID SFR	n/a	n/a	Add roadway lighting	$55,000	188.54
4	4.1	Rodd Field @ SPID SFR	n/a	n/a	Check / update change and clearance intervals	$2,000	228.72
	4.2	Rodd Field @ SPID SFR	n/a	n/a	Add signal heads, signing	$7,000	32.67
5	5.1	Holly @ Weber	n/a	n/a	Signal timing update, "no right turn" blankout signs	$21,000	56.76
	5.2	Holly @ Weber	n/a	n/a	Protected-only left turn phasing	$2,000	3570.57
6	6.1	Saratoga @ Cimarron	n/a	n/a	Protected-only left turn phasing	$2,000	2294.53
7	7.1	Ayers @ SPID SFR	n/a	n/a	Check / update change and clearance intervals	$2,000	171.54
	7.2	Ayers @ SPID SFR	n/a	n/a	Add signal heads	$8,500	17.94
8	8.1	Staples @ Yorktown	n/a	n/a	Protected-only left turn phasing, add backplates	$30,000	407.76
	8.2	Staples @ Yorktown	n/a	n/a	Signal timing update	$10,000	21.66
	8.3	Staples @ Yorktown	n/a	n/a	Add roadway lighting	$71,000	56.06
9	9.1	Baldwin @ Greenwood	n/a	n/a	Check / update change and clearance intervals	$2,000	114.36
	9.2	Baldwin @ Greenwood	n/a	n/a	Add signal heads	$17,000	8.97
10	10.1	Waldron @ Knickerbocker	n/a	n/a	FYA ped protect, lighting	$50,000	119.95
11	11.1	Leopard @ Callicoatte	n/a	n/a	Protected-only left turn phasing	$18,000	32.19
	11.2	Leopard @ Callicoatte	n/a	n/a	Add reflective backplates	$12,000	38.12
12	12.1	S Padre Island Dr	W Point Rd	Nile Dr	Variable speed limit system	$10,000,000	36.76
13	13.1	US 77 Bus @ FM 70	n/a	n/a	Intersection conflict warning system	$100,000	22.37
	13.2	US 77 Bus @ FM 70	n/a	n/a	Convert to all-way stop	$31,500	436.01
14	14.1	Staples @ Curtis Clark	n/a	n/a	Raised median / turning movement restriction	$100,000	101.05
15	15.1	Weber @ Yorktown	n/a	n/a	Protected-only left turn phasing	$7,000	98.02
16	16.1	Leopard @ Staples	n/a	n/a	LPI, pedestrian countdown signals	$40,000	50.93
17	17.1	McKinzie @ Up River	n/a	n/a	Install traffic signal	$1,000,000	12.57
	17.2	McKinzie @ Up River	n/a	n/a	Raised median / turning movement restriction	$100,000	61.27
18	18.1	Holly Rd	Caroll Ln	Ennis Joslin Rd	Roadway lighting, bike lane signing and markings	$2,024,000	3.35
19	19.1	Staples St	Saratoga Blvd	McArdle Rd	Raised median	$6,000,000	5.99
20	20.1	Santa Fe St	Oleander Ave	Santa Monica Pl	Roadway lighting, bike warning signs	$567,000	2.32
21	21.1	Staples @ McArdle	n/a	n/a	Protected-only left turn phasing, partial signal rebuild	$400,000	1.87
22	22.1	Weber	Bratton Rd	SH 358	Raised median	$2,600,000	13.75
	22.2a	Weber	Caravelle Pkwy	Holly Rd	PHB with median ped refuge	$800,000	4.13
	22.2b	Weber	S of Brushwood Ln	S of Brett St	PHB with median ped refuge	$800,000	9.76
	22.3	Weber	Saratoga Blvd	SPID WB	Ped left protection (FYA mod), Ped countdown signals	$40,000	91.26
	22.4	Weber Rd @ SPID WB	n/a	n/a	Realign crosswalks (right turn ramps)	$60,000	5.36
	22.5	Weber	Yorktown Blvd	SPID	Corridor signal timing	$40,000	8.52
23	23.1a	Ayers	Staples St	Baldwin Blvd	Road Diet	$100,000	25.9
	23.1b	Ayers	Baldwin Blvd	Horne Rd	Road Diet	$150,000	81.24
	23.2	Ayers	Baldwin Blvd	Horne Rd	Lighting improvements	$1,700,000	9.19
	23.3	Ayers	Tarlton St	Roosevelt Dr	Raised median (ped refuge)	$800,000	6.29
	23.4	Ayers	Pearse Dr	S of Horne Rd	Raised median	$600,000	9.32
	23.5a	Ayers	Arlington Dr	Norton St	RRFB (2)	$50,000	53.43
	23.5b	Ayers	S of Horne Rd	S of Cuiper St	RRFB (3)	$100,000	12.68
	23.6	Ayers @ Tarlton, Ayers @ Blevins	n/a	n/a	LPI and Ped countdown signals	$35,000	35.52
24	24.1	Airline	Gaines St	Lum Ave	Minor delineation and signing	$2,500	0
	24.2	Airline	Gollihar Rd	SPID	Lighting (both sides of street)	$54,000	8.28
	24.3	Airline	Kimbrough Dr	Cimarron Blvd	Raised Median	$2,700,000	4.54
	24.4	Airline	Ocean Dr	Alameda St	Road Diet	$250,000	9.59
	24.5a	Airline @ Gollihar Rd	n/a	n/a	LPI, markings, lighting	$45,000	11.92
	24.5b	Airline @ McArdle Rd	n/a	n/a	Ped signal relocation, FYA ped protect	$35,000	14.96
	24.5c	Airline @ Williams Dr	n/a	n/a	FYA ped protect, lighting	$30,000	39.66
	24.5d	Airline @ Holly Rd	n/a	n/a	FYA ped protect, lighting, channelizing islands	$100,000	6.7
25	25.1a	S Port @ Niagara St	n/a	n/a	RRFB	$68,900	98.74
	25.1b	S Port @ Morgan, S Port @ Tarlton, S Port @ Horne	n/a	n/a	FYA ped protect	$4,500	101.7
	25.2	S Port	Agnes St	Ayers St	Lighting (both sides of street)	$385,000	68.79
	25.3	S Port	Agnes St	Ayers St	Raised median	$156,000	8.27
26	26.1	Staples	Weber Rd	McArdle Rd	Raised median	$1,960,000	9.94
	26.2a	Staples @ Weber Rd	n/a	n/a	LPI / Left Turn Ped Protect	$1,500	61.02
	26.2b	Staples @ Mustang Tr	n/a	n/a	Add crosswalk, LPI / Left Turn ped protect	$15,500	118.52
27	27.1	Weber	Staples St	SPID	Raised Median	$1,700,000	6.76
	27.2	Weber	Staples St	SPID	Lighting (both sides of street)	$2,000,000	3.79
	27.3	Weber @ Staples, Weber @ Gollihar, Weber @ McArdle	n/a	n/a	FYA ped omit	$2,000	812.03
	27.4	Weber	Gollihar Rd	SPID	Corridor signal timing	$20,000	2.43
28	28.1	Rodd Field	Saratoga Blvd	SPID	Raised median	$1,500,000	13.85
	28.2	Rodd Field	Holly Rd	SPID	Ped signal improvements	$16,200	79.11
29	29.1	Leopard	McBride Ln	Van Cleve Dr	RRFB (2), ped refuge medians	$205,000	95.36
	29.2	Leopard @ McBride, Leopard @ Navigation, Leopard @Westchester	n/a	n/a	Ped signal improvements	$183,000	173.45
	29.3	Leopard	SH 358	Oak Park Ave	Sidewalks	$1,415,020	26.1
	29.4	Leopard @ Old Robstown Rd	n/a	n/a	Crosswalk markings	$5,730	1.77
	29.5	Leopard @ Brownlee Blvd	n/a	n/a	R10-15 signs	$1,000	0
	29.6	Leopard @ Navigation, Leopard @ Westchester, Leopard @ Up River	n/a	n/a	Check change and clearance intervals	$10,000	129.16
	29.7	Leopard	Staples St	Upper Broadway	Road Diet	$225,000	2.13
30	30.1	Staples @ SPID NFR	n/a	n/a	Evaluate clearance/change intervals	$2,000	113.63
	30.2	Staples @ SPID NFR	n/a	n/a	Extension line markings, signal head realignment	$20,000	4.96
	30.3	Staples @ SPID NFR	n/a	n/a	Intersection lighting	$135,000	1.82
	30.4	Staples @ SPID NFR	n/a	n/a	Ped signing improvements	$3,300	109.28
31	31.1	Airline @ SPID SFR	n/a	n/a	Markings: U-turn ramp accel lane, realign FR thru intersection	$50,000	0
	31.2	Airline @ SPID SFR	n/a	n/a	Corridor signal timing	$50,000	20.27
32	32.1	Everhart @ SPID SFR	n/a	n/a	Evaluate clearance/change intervals, coordination	$30,000	30.33
	32.2	Everhart @ SPID SFR	n/a	n/a	Yield signing/marking on U-turn ramp	$1,541	31.59
	32.3	Everhart @ SPID SFR	n/a	n/a	Extension line markings	$5,400	0



DRAFT Regional Safety Action Plan (RSAP) Map with Project Locations and Recommendations