

TABLE 1: Preliminary List of Candidate Projects eligible for 2024 Highway Safety Program Funding (Cycle 12)

May 9, 2024

INTERSECTION (I/S) Neighborhoods	Existing Traffic (ADT)	Crashes (2019-2023)*						Alternatives	COST	Benefit Cost Ratio ¹	Comments
		F	SI	VI	C	P	O				
		(K)			O	P	O				
1	MLK Jr. / 26 th Ave Fruitridge Park		1	3	7	4	Mini-RAB Signal	300	49.4	"O" = Offset I/S; install RAB at southerly I/S	
2	24 th St / Kenworthy Meadowview	1P	1	1	1	4	Mini-RAB Signal	350	25.1	Partial <i>Road Diet</i> : re- stripe SB 24 th to 1-lane	
3	14 th Ave / 71 st Street Colonial		1	2	4	3	Mini-RAB Signal	300	34.1	No speed or traffic control between 65 th & Power Inn	
4	MLK Jr / 16 th Ave Oak Park		1P	1B	4	3	Mini-RAB Signal	550	20.4	Offset; install RAB at westerly leg	
5	Alhambra / U Street Alhambra Triangle		1B	2	1	3	Mini-RAB Signal	300	27.0	Plus: SI (B) crash in '14	
6	14 th Ave / 62 nd St. Tahoe Park		1B	2	1B	3	Mini-RAB Signal	550	8.8		
7	K Street / 20 th Street Midtown		1	2B	4(B) (3P)	3	Mini-RAB Signal	350	20.4	High crash numbers at existing AWSC	
8	Rio Linda / Marysville Robla		2	1	5	3	Mini-RAB	400	27.0	Hi-speed approaches warrant longer islands	
9	Alhambra / T Street Alhambra Triangle		2	2	5	8	2 Mini-RABs	450	40.0	Peanut-shaped RAB; similar in Paso Robles	
10	Greenhaven / Gloria Greenhaven		1P	3	3	5	Modular-RAB Signal	400	33.8	High crash numbers for AWSC; D > 90 ft;	
11	Capitol Way / 25th St Midtown		1	2	1	4	Mini-RAB Signal	325	29.0	Needs Raised Splitter islands & Yield Control	
12	Broadway / 5 th St. Upper Land Park		2	8	9	6	Modular-RAB	325	46.7	Diameter > 90 ft.; RAB will reduce speeds	
13	MLK Jr / 21 st to 23 rd Oak Park		4 (3P)	3 (1B)	7	4	2 Mini-RABs	750	26.1	2 will reduce speed & crashes for 3 blocks	
14	Sutterville / Mead south access to WLP		2 (1P-1B)	2	1	5	Mini-RAB Signal	350	32.4	Unbalanced volumes; compare to signal Alt	
15	24 th St / Casa Linda Meadowview		1	6	1	3	Modular RAB Signal	450	24.6	Diet: Reduce NB & SB approaches to 1-lane	
16	Jibboom / Richards So. Pacific - Richards		1P	0	1	2	Mini-RAB Signal	350	11.3	Fatal crash injured multiple victims	
17	Alhambra / W Street Alhambra Triangle		1	2	2	3	Mini-RAB Signal	275	27.2	RAB will reduce speeds prior to X St	
18	Seamas / Riverside Little Pocket		1B	1	3	2	Mini-RAB Signal	350	21.5	No <i>Right on Red</i> from SB 5 exit ramp	
19	Riverside / 35 th St. Little Pocket		1P	1	1	3	Mini-RAB Signal	650	8.1	Will complement Mini at Seamas	
20	Rio Linda Blvd/South Del Paso Heights		2 (1P)	4 (2B)	8	8	Mini-RAB Signal	350	63.6	Diam: 85 ft; High crash #'s & severity for AWSC	

Totals: 5 26

= 31 F + SI crashes in 5 years (2019-23); IF no improvements over the next 20 years, then 31 x 4 = 124 crashes can be expected thru 2045

**Number of F + SI crashes which can be prevented ('26-45): 124 x 0.8 (CRF for RAB) = 99
Impact of No Build Alternative: approximately 100 fatalities & severe injuries**

LEGEND: (for crashes / intersection types):
 F (K) – Fatal (Killed)
 SI – Severe Injury
 VI – Visible Injury
 CoP – Complaint of Pain
 PDO – Property Damage Only
 TWSC: Two-Way Stop Control
 AWSC: All-Way Stop Control
 1WSC: 1-Way Stop Control (Teel)
 T Circle: Traffic Calming Circle

* Source: Transportation Injury Mapping System (TIMIS), UC, Berkeley
¹ B/C Ratio: calculated values are preliminary and only account for *crash cost savings*; Excel files are available. The BCR threshold for approved (funded) project proposals for Cycle 11 (in 2022) was 18 to 1.