

**GL: Safety Improvements – Highway Safety Improvement  
Program  
(TIP ID – VAR170002)**

**Last updated with the 2023 TIP Update**

**Highway Safety Improvement Program (HSIP)  
2021 FTIP Back-Up List, sorted by MPO, Agency and Unique Project ID**

MPO:					MTC										
2023 Backup List Updated On:					3/6/2022										
Unique Project ID	HR3 Eligibility*	District	Agency	MPO	Project Location	Description of Work	Current Total Project Cost Estimate	Current Programmed Federal Funds	Other/Local Funds	Federal Funds Programmed under "Prior"	Federal Funds Programmed in 2022/23	Federal Funds Programmed in 2023/24	Federal Funds Programmed in 2024/25	Federal Funds Programmed in 2025/26	Approved Federal Funds (total)
H9-04-001	No	4	Alameda County	MTC	Various unsignalized intersections in unincorporated Alameda County.	Install/upgrade larger or additional stop signs or other warning/regulatory signs; add intersection lighting; add pedestrian crossing with enhanced safety features.	\$1,942,400	\$1,750,000	\$0	\$192,400	\$0	\$1,750,000	\$0	\$0	\$1,942,400
H9-04-002	No	4	Alameda County	MTC	Various signalized intersections throughout Alameda County; urban and suburban contexts.	Install mast arms; install signal hardware improvements such as additional signal heads, reflective backplates; install leading pedestrian interval.	\$2,493,900	\$2,293,900	\$0	\$200,000	\$2,293,900	\$0	\$0	\$0	\$2,493,900
H9-04-003	No	4	Alameda County	MTC	Crow Canyon Road, Palomares Road, North Vasco Road, and Altamont Pass Road in unincorporated Alameda County.	Widen paved shoulders, construct edge-line rumble strips, and install chevron signs and delineators.	\$1,812,700	\$1,330,000	\$181,270	\$301,430	\$0	\$1,330,000	\$0	\$0	\$1,631,430
H9-04-004	No	4	Alameda County	MTC	Thirteen (13) locations along Tesla Road between Eagles Run Road and McLaughlin Road.	Upgrade guardrail.	\$471,300	\$384,300	\$0	\$87,000	\$0	\$0	\$384,300	\$0	\$471,300
H9-04-005	No	4	Benicia	MTC	Twenty-eight (28) guardrail locations within Benicia.	Upgrade existing guardrails and the end treatments.	\$996,000	\$861,000	\$0	\$135,000	\$0	\$0	\$861,000	\$0	\$996,000
H9-04-006	No	4	Benicia	MTC	The intersections of West 5th St. with Military West and Hasting Dr. with London Dr.	Enhance pedestrian crossings by installing ADA curb ramp, RRFB system, median island, and sidewalk, and other relevant elements.	\$259,100	\$222,000	\$9,100	\$28,000	\$0	\$0	\$222,000	\$0	\$250,000
H9-04-008	No	4	Concord	MTC	Various locations.	Improve signal hardware (lenses, backplates, mountings, size, number), upgrade cabinet equipment, controllers and modify phasing to provide a Lead Pedestrian Interval (LPI).	\$2,460,800	\$1,979,576	\$73,824	\$407,400	\$0	\$1,979,576	\$0	\$0	\$2,386,976
H8-04-006	No	4	Contra Costa County	MTC	Danville Boulevard between Stone Valley Road and Jackson Way in unincorporated Alamo of Contra Costa County.	Construct a roundabout at the intersection of Danville Boulevard and Orchard Court in addition to street improvements, such as sidewalk improvements and curb extensions.	\$2,978,000	\$2,233,000	\$260,000	\$485,000	\$0	\$2,233,000	\$0	\$0	\$2,718,000
H9-04-012	No	4	Fairfield	MTC	On Travis Boulevard between Oliver Road and N. Texas Street; On Oliver Road between Travis Boulevard and Woodcreek Drive; On N. Texas Street between Travis Boulevard and Walmart.	Install Adaptive Signal Timing and advanced dilemma-zone detection, and enhance the visibility of signals.	\$1,870,300	\$935,150	\$935,150	\$0	\$0	\$0	\$935,150	\$0	\$935,150
H9-04-013	No	4	Fairfield	MTC	Twenty-two (22) locations.	Upgrade existing guardrails and their end treatments.	\$655,400	\$655,400	\$0	\$0	\$0	\$0	\$655,400	\$0	\$655,400
H9-04-014	No	4	Fairfield	MTC	Five non-signalized intersections, including: N Texas St at Oak St; Pennsylvania Ave at Empire St; N Texas St at Wisconsin St; Travis Blvd at Phoenix Dr; and Travis Blvd at Clay St.	Construct pedestrian crossing enhancements including HAWK installation accompanied by ADA curb ramp, and relevant signs and pavement markings.	\$1,348,100	\$1,226,771	\$121,329	\$0	\$0	\$0	\$1,226,771	\$0	\$1,226,771
H9-04-016	No	4	Marin County	MTC	Fifty-eight (59) signalized intersections throughout Marin County, including unincorporated Marin County and within 11 incorporated cities and towns.	Upgrading signal heads to 12" LED signal heads, adding signal head backplates, adding pedestrian countdown heads, adding audible pedestrian signals (APS) at pedestrian push buttons, updating signal hardware to incorporate Lead Pedestrian Intervals (LPI) at crosswalks, and adding video or advanced detection loops for advanced dilemma zone detections.	\$2,800,300	\$2,300,200	\$0	\$500,100	\$2,300,200	\$0	\$0	\$0	\$2,800,300
H9-04-017	No	4	Marin County	MTC	Locations on Various rural arterials and major collector roadways in the County of Marin.	Upgrade nonstandard guardrails.	\$961,200	\$861,200	\$0	\$100,000	\$0	\$0	\$861,200	\$0	\$961,200
H9-04-018	No	4	Napa County	MTC	Silverado Trail, MM 00.00-11.00.	Upgrade existing guardrail on Silverado Trail to meet the current standards.	\$999,400	\$894,100	\$0	\$105,300	\$894,100	\$0	\$0	\$0	\$999,400
H9-04-019	No	4	Napa County	MTC	Silverado Trail north of Trancas St and south of HWY 29, excluding portions within and managed by City of St. Helena, City of Calistoga, and Caltrans jurisdictions.	Install rumble strips/stripes, center lines and shoulder striping on both north-bound and south-bound sides of Silverado trail, approximately 33.4 miles northernmost point to southernmost point.	\$1,744,000	\$1,626,700	\$0	\$117,300	\$1,626,700	\$0	\$0	\$0	\$1,744,000
H9-04-020	No	4	Novato	MTC	Diablo Avenue/De Long Avenue corridor between Novato Boulevard and Reichert Avenue.	Improve pedestrian crosswalks throughout the corridor, install advanced dilemma zone detection at two key intersections, and provide an advance flashing beacon at upstream of an intersection with an arterial roadway.	\$1,146,300	\$941,600	\$0	\$204,700	\$0	\$0	\$941,600	\$0	\$1,146,300
H9-04-022	No	4	Oakland	MTC	Four (4) uncontrolled crosswalks along minor arterials at the following three intersections: 7th Street & Filbert Street; Oakland Avenue & Moss Avenue; and 98th Avenue & C Street.	Install flashing beacons, pavement markings and signs; construct a median island, curb ramps and bulb outs.	\$282,300	\$250,000	\$32,300	\$0	\$0	\$0	\$250,000	\$0	\$250,000
H9-04-027	No	4	San Jose	MTC	Monterey Road from Cottle Road to Metcalf Road	Upgrade guardrails that are damaged and not up to current standards.	\$1,002,800	\$1,000,000	\$2,800	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000
H9-04-028	No	4	San Leandro	MTC	The intersection of Wicks Blvd and Manor Blvd.	Install southbound and northbound left-turn signals; Upgrade signal heads and signal equipment; Install video detections for cars and bikes and advance detection; Install Accessible Pedestrian Signal (APS); Upgrade wheelchair Ramps.	\$359,900	\$322,550	\$0	\$37,350	\$0	\$0	\$322,550	\$0	\$359,900
H9-04-030	No	4	San Rafael	MTC	Five (5) signalized intersections of Third Street at Lindero Street, Lincoln Avenue, Tamalpais Avenue, Irwin Street and Grand Street.	Construct high-visibility crosswalks, install advanced stop bars, and install pedestrian countdown signals at five intersections; and add signal mast arms at three locations.	\$1,575,000	\$1,293,800	\$0	\$281,200	\$0	\$1,293,800	\$0	\$0	\$1,575,000
H9-04-032	No	4	St Helena	MTC	Silverado Trail, with the project limits bordering Napa County, beginning from approximately 175 feet north of Howell Mountain Road and ending at the southern City limits (1,475 feet total).	Upgrade approximately 1,175 lineal feet of existing guardrail and wood posts with new steel posts, new metal guardrail beams and guardrail delineators.	\$556,100	\$486,100	\$0	\$70,000	\$0	\$0	\$486,100	\$0	\$556,100

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H9-04-034	No	4	Sunnyvale	MTC	Sixteen (16) locations throughout the City of Sunnyvale	Install video detection equipment to provide advance dilemma zone detection.	\$1,298,000	\$1,112,000	\$0	\$186,000	\$0	\$0	\$1,112,000	\$0	\$1,298,000
H9-04-035	No	4	Vacaville	MTC	Twenty-one (21) intersections in the City of Vacaville.	Improve signal hardware and timing ; install Advanced Dilemma-Zone Detection.	\$2,477,700	\$2,027,700	\$0	\$450,000	\$2,027,700	\$0	\$0	\$0	\$2,477,700
H9-04-037	No	4	Vallejo	MTC	Five (5) pedestrian crossing at the intersection of Broadway at Illinois, Broadway at Hampshire, Springs at Tregaskis, Springs at Heartwood, and Springs at Lassen/Hilton.	Installation of High-Intensity Activated Crosswalk beacon (HAWK) at unsignalized intersections, installing high visible crosswalk, ADA curb ramps, Yield like with signage and Pedestrian Push Button	\$1,305,800	\$1,155,800	\$0	\$150,000	\$0	\$0	\$1,155,800	\$0	\$1,305,800
H9-04-038	No	4	Vallejo	MTC	Five (5) intersections including: Foothill Dr at Redwood Pkwy, Valle Vista Ave at Redwood St, Fairview Ave at Redwood St, Howard Ave at Redwood St, and Solano Ave at Tuolumne St.	Construct pedestrian crossing enhancements such as advanced pedestrian warnings and signs as well as Rectangular Rapid-Flashing Beacons (RRFBs).	\$246,000	\$221,000	\$0	\$25,000	\$0	\$0	\$221,000	\$0	\$246,000
				<b>Total(MTC)</b>			<b>\$34,042,800</b>	<b>\$28,363,847</b>	<b>\$1,615,773</b>	<b>\$4,063,180</b>	<b>\$9,142,600</b>	<b>\$8,586,376</b>	<b>\$9,634,871</b>	<b>\$1,000,000</b>	<b>\$32,427,027</b>