

**GL: Safety Improvements –
SHOPP Mobility Program
(TIP ID – VAR170005)**

Last updated with TIP Revision 2025-29

2025 FTIP BACK-UP LIST FOR SHOPP - MOBILITY PROJECTS (VAR170005)

FOR 2022/2028 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	24/25	25/26	26/27	27/28	PAED	PSE	RW SUP	CON SUP	RW	CON	Total
SHOPP - Mobility																				
04	ALA	880		In Alameda, San Francisco, and San Mateo Counties, on Routes 80, 101, 880, and 980 at various locations. Install and upgrade Transportation Management System (TMS) elements including Closed Circuit Television (CCTV) cameras, Vehicle Detection Systems (VDS), Changeable Message Signs (CMS), ramp meters, and fiber optic cable.	2027J	2Q740	201.315	22/23	\$103,149	\$0	\$0	\$0	\$0	\$2,155	\$10,958	\$141	\$11,071	\$63	\$78,761	\$103,149
04	ALA	Var		In various counties, on various routes at various locations. Replace obsolete electronic components in existing Closed Circuit Television (CCTV) camera systems.	1457C	3K510	201.315	22/23	\$20,125	\$0	\$0	\$0	\$0	\$360	\$1,075	\$15	\$2,700	\$15	\$15,960	\$20,125
04	ALA	980		In various counties, on various routes at various locations. Upgrade controllers in vehicle detection and traffic signal systems.	1488Z	3K360	201.315	22/23	\$9,220	\$0	\$0	\$0	\$0	\$160	\$490	\$15	\$1,240	\$15	\$7,300	\$9,220
04	SM	101		In Alameda, Contra Costa, Santa Clara, San Mateo, and Solano Counties, on various routes at various locations. Modify and enhance ramp metering systems to improve Transportation Management System (TMS) performance and install guardrail at ramps to enhance highway worker safety.	2020G	0Q070	201.315	22/23	\$15,686	\$0	\$0	\$0	\$0	\$1,179	\$1,230	\$40	\$2,806	\$31	\$10,400	\$15,686
04	ALA	Var		In various counties, on various routes at various locations. Replace obsolete electronic components in existing Closed Circuit Television (CCTV) camera systems.	2028B	2Q540	201.315	23/24	\$20,865	\$0	\$0	\$0	\$0	\$365	\$1,120	\$15	\$2,700	\$15	\$16,650	\$20,865
04	CC	680		In Alameda, Contra Costa, and Solano Counties, on Routes 580, 680, and 780 at various locations. Install and upgrade fiber optic cable, ramp metering systems, and Transportation Management System (TMS) elements, and widen ramps to provide High-Occupancy Vehicle (HOV) bypass ramp lanes. □ (G13 Contingency)	2906A	1Q720	201.315	23/24	\$16,039	\$0	\$0	\$0	\$0	\$5,475	\$9,620	\$632	\$0	\$312	\$0	\$16,039
04	CC	680		In Alameda, Contra Costa, and Solano Counties, on Routes 580, 680, and 780 at various locations. Install and upgrade fiber optic cable, ramp metering systems, and Transportation Management System (TMS) elements, and widen ramps to provide High-Occupancy Vehicle (HOV) bypass ramp lanes.	2020W	1Q721	201.315	23/24	\$103,635	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,030	\$251	\$90,354	\$103,635
Time Extension TOTALS									\$288,719	\$0	\$0	\$0	\$0	\$9,694	\$24,493	\$858	\$33,547	\$702	\$219,425	\$288,719
Time Extension PROGRAMMED TOTAL									\$399,715	\$0	\$0	\$0	\$0	\$9,694	\$30,693	\$979	\$44,556	\$1,022	\$312,771	\$399,715
Time Extension DIFFERENCE TOTAL									-\$110,996	\$0	\$0	\$0	\$0	\$0	-\$6,200	-\$121	-\$11,009	-\$320	-\$93,346	-\$110,996

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04	ALA	24		In Alameda, Contra Costa, Solano, and Sonoma Counties, on Routes 4, 13, 24, 37, 80, 84, 92, 101, 160, 238, 242, 580, 680, 780, and 880 at various locations. Replace technology components of Transportation Management System (TMS) elements.	2095C	0AA80	201.315	24/25	\$4,467	\$23,033	\$0	\$0	\$0	\$1,649	\$2,788	\$30	\$2,563	\$350	\$20,120	\$27,500	
04	ALA	580	30.4/46.5	In and near San Leandro and Oakland, from Strobridge Avenue to 0.7 mile west of San Pablo Avenue at various locations (PM 30.36/46.5L/R). Install and upgrade ramp meters and widen ramps to provide High-Occupancy Vehicle (HOV) bypass ramp lanes. □ (G13 Contingency)	1493N	0K530	201.315	24/25	\$8,582	\$40,672	\$0	\$0	\$0	\$4,627	\$3,441	\$514	\$3,596	\$85	\$36,991	\$49,254	
04	MRN	101		In San Francisco, Marin, Napa, Santa Clara, San Mateo, and Sonoma Counties, on Routes 1, 37, 82, 84, 87, 92, 116, 121, 152, 237, 680, 880, 17, 80, 85, 101, 280, 380, and 580 at various locations. Replace technology components of Transportation Management System (TMS) elements.	2910J	1W090	201.315	24/25	\$6,067	\$32,819	\$0	\$0	\$0	\$1,767	\$4,266	\$34	\$5,761	\$10	\$27,048	\$38,886	
04	NAP	121	7.2/7.4	In the city of Napa, at the intersection with Third Street/East Avenue/Coombsville Road. Construct intersection improvements. □ Additional non-SHOPP contribution of \$1,153,000 for R/W cap; Additional contribution of \$3,748,000 for PA&ED, \$2,000,000 for PS&E, \$1,000,000 for R/W cap from City of Napa; Additional contribution of \$2,000,000 for CONST from Metropolitan Transportation Commission.	1483B	0J890	201.310	24/25	\$1,080	\$2,820	\$0	\$0	\$0	\$420	\$510	\$150	\$520	\$340	\$1,960	\$3,900	
04	SCL	85	0.0/6.0	In and near San Jose, from Route 101 to 0.1 mile south of Almaden Expressway; also on Route 101, from 0.6 mile south and 1.4 miles north of Metcalf Road (PM R24.7/R26.7). Convert existing High-Occupancy Vehicle (HOV) lanes to High-Occupancy Toll (HOT) lanes, including at connector ramps and approaches as part of the Carbon Reduction Program (CRP). Financial Contribution Only (FCO) to Santa Clara Valley Transportation Authority (VTA) to construct HOT lanes.	2927H	1K552	201.406	24/25	\$0	\$29,238	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,238	\$29,238
04	ALA	80	2.0/8.0	In Alameda, Contra Costa, and Solano Counties, on Routes 80, 580, and 980 at various locations; also on local streets from Route 980 to the District 4 Transportation Management Center (TMC). Install fiber optic cable and install and upgrade Transportation Management System (TMS) elements.	0064A	15500	201.315	25/26	\$6,641	\$0	\$121,676	\$0	\$0	\$0	\$6,200	\$121	\$11,009	\$320	\$110,667	\$128,317	
04	CC	680	0.0/19.8	In Contra Costa County, on Route 680, at various locations. Install and upgrade ramp metering system, and widen ramps to provide High-Occupancy Vehicle (HOV) bypass ramp lanes. Financial Contribution Only (FCO) to Contra Costa Transportation Authority (CCTA) to implement construction.	2020X	1Q722	201.315	25/26	\$0	\$0	\$9,977	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,977	\$9,977

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04	SON	37	3.8/4.3	Near Novato, from 0.1 mile west to 0.4 mile east of Route 121. Improve traffic operations by modifying intersection and extending the lane merge in eastbound direction.	2911K	2Q20U	201.310	25/26	\$0	\$0	\$24,508	\$0	\$0	\$0	\$2,000	\$91	\$3,397	\$1,363	\$17,657	\$24,508	
04	SON	121	6.5/7.0	Near Schellville, at the intersection of Routes 121 and 116. Mitigation project for plant establishment and environmental monitoring for roundabout project EA 3G900.	2917W	3G901	201.310	25/26	\$110	\$0	\$840	\$0	\$0	\$0	\$100	\$10	\$300	\$20	\$520	\$950	
04	ALA	580	5.9/29.5	In Alameda and San Joaquin Counties, on Routes 13, 24, 61, 80, 84, 92, 123, 185, 205, 238, 260, 580, 680, 880, and 980, at various routes. Upgrade Transportation Management System (TMS) elements.	2914F	3W290	201.315	26/27	\$0	\$1,604	\$2,455	\$14,388	\$0	\$1,604	\$2,019	\$436	\$3,509	\$48	\$10,831	\$18,447	
04	SCL	82	9.8/20.7	In Santa Clara and Santa Cruz Counties, on various routes at various locations. Replace Transportation Management System (TMS) elements.	2915E	4W580	201.315	26/27	\$0	\$2,310	\$4,960	\$34,289	\$0	\$2,310	\$4,890	\$70	\$6,650	\$3	\$27,636	\$41,559	
04	SCL	101	8.6/9.1	Near Gilroy, at the southbound Commercial Vehicle Enforcement Facilities (CVEF); also at the northbound CVEF (PM R11.1/R11.7). Rehabilitate Weigh-In-Motion (WIM) scales and CVEFs. (Long Lead Project)	2925Q	4W360	201.321		\$0	\$0	\$0	\$1,160	\$0	\$1,160	\$0	\$0	\$0	\$0	\$0	\$1,160	
04	SF	1	0.9/7.1	In San Francisco and San Mateo Counties, on various routes at various locations. Upgrade Transportation Management System (TMS) elements.	2915F	4W490	201.315	26/27	\$0	\$1,700	\$2,700	\$24,276	\$0	\$1,700	\$2,500	\$200	\$3,870	\$31	\$20,375	\$28,676	
2024 SHOPP - Mobility TOTALS									\$26,947	\$134,196	\$167,116	\$74,113	\$0	\$15,237	\$28,714	\$1,656	\$41,175	\$2,570	\$313,020	\$402,372	
2024 SHOPP - MOBILITY PROGRAMMED TOTAL									\$26,947	\$134,196	\$167,116	\$72,953	\$0	\$14,077	\$28,714	\$1,656	\$41,175	\$2,570	\$313,020	\$401,212	
2024 SHOPP - MOBILITY DIFFERENCE TOTAL									\$0	\$0	\$0	\$1,160	\$0	\$1,160	\$0	\$0	\$0	\$0	\$0	\$0	\$1,160