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

Last updated with 2021 TIP Update

FTIP BACK-UP LIST FOR SHOPP - MOBILITY PROJECTS (VAR170005) FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

So Found Set Install and upgraped Transportation Not Management Option Table Set	Dist	Со	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	V SUP	CONSUP	RW	CON	TOTAL
Natinggeneral System (TIMS) elements. Time Extension Total \$28,779 \$3 \$9 \$0 \$0 \$2,770 \$20 \$30 \$3,800 \$20 \$31,750 \$28,550 \$3,850	04	ALA	580	30.8/46.5		1487A	3J050	201.315	19/20	\$26,570	\$0	\$0	\$0	\$0	\$2,700	\$2,700	\$50	\$50	\$3,600	\$20	\$17,500	\$26,570
Second Content																						
SCL 227 7.06.0 In San Jose, in the eastbound direction from North First 1492.0 102.40 201.310 21/22 85.30.0 85.94.5 \$5.0 \$0. \$3.120 \$20.00 \$31.0 \$25.0 \$82.00 \$25.0 \$82.00 \$32.0 \$25.0 \$32.0 \$25.0 \$32.0 \$25.0 \$32.0 \$25.0 \$32.0 \$25.0 \$32.0 \$25.0 \$32					Management System (TMS) elements.		_														A	****
Street to Zanker Road, Constant auditality late. 14528 0K250 201.310 21/22 \$3.20 \$2.601 \$73.382 \$0 \$0 \$3.120 \$2.000 \$481 \$1.750 \$57.823 \$13.819 \$78.073 \$1.819 \$1.81	0.4	001	007	7.0/0.0	II. Con look in the control discretion from North First	4 400 4									, ,	1 /						1 - /
A SCL 237 7.00.0 In San Jose, in the westbound direction from Zanker 149280 (9750 201.310 21/22 \$3.70 \$7.805 \$73.392 \$0.0 \$0.0 \$3.120 \$2.080 \$444 \$3.0 \$444 \$3.6 \$2.406 \$3.792 \$3.792 \$3.800 \$3.120 \$3	04	SCL	237	7.0/8.0		1492A	0K240	201.310	21/22	\$5,330	\$0	\$9,845	\$0	\$0	\$3,120	\$2,080	\$130	5130	\$1,560	\$255	\$8,030	\$15,175
Road to North Firet Street. Construct auxiliary lane.	04	SCI	227	7 0/9 0		1/02B	08250	201 210	21/22	¢2 120	\$2.561	¢72 202	0.2	¢0	¢2 120	\$2.090	¢101	101	¢1.750	¢57 922	¢12 Q10	\$70.073
Math	04	SCL	231	7.0/6.0		14926	UK250	201.310	21/22	φ3,120	Φ2,301	\$13,392	φυ	φυ	φ3,120	\$2,000	Φ401	9401	\$1,750	φ51,023	φ13,019	\$79,073
Day City, from south of Maramentes Point Road to Clarification Author Undergrossing, and Variable Bulleton Detection Systems and Variable Message State (MS), and some of the Control Systems and Variable Message State (MS), and some of the Control Systems and Variable Message State (MS), and some of the Construct Maramenter Veible Pullots (MVPs) to improve the system performance. 34 ALA 80 2 0.03 In Allamedia Control Costa and Solano Counties, on construct Maramenter Veible Pullots (MVPs) to improve the system performance. Pullots (MVPs) to improve the system performance and the Control Costa and Solano Counties, on construct Maramenter (MS). Install fiber optic cable and install and upgrade Transportation Management Center (MS). Install fiber optic cable and install and upgrade Transportation Management Center (MS). Install fiber optic cable and install and upgrade Transportation Management Center (MS). Install fiber optic cable and install and upgrade Transportation Management Center (MS). Install fiber optic cable and install and upgrade Transportation while defendent and transportation with the Control Costal Center (MS). Install and upgrade Transportation while defendent and transportation in various counties, on various routes at various counties, or various routes at various routes and fiber optic cable. In various routes, or various routes at various routes, or various routes at various locations. Modely and enhance a management (CHS), and the counties, or various routes at various locations, and fiber o	04	SM	1	26 4/47 3		1452Δ	2K880	201 315	21/22	\$874	\$30	\$2.888	\$0	\$0	\$430	\$444	\$30	\$30	\$444	\$36	\$2.408	\$3.792
Claimada Avenue Undercrossing, at various Decetion Systems (NS) model by Advanced Message Signs (MS), model by Advanced Changeable Message Signs (MS), model Ms and model Message Signs (MS), model Ms and model	04	Civi	'	20.4/41.0		1402/1	211000	201.010	21/22	ΨΟΙΨ	ΨΟΟ	Ψ2,000	ΨΟ	ΨΟ	Ψ-30	ΨΤΤΤ	ΨΟΟ	ψου	ΨΤΤΤ	ΨΟΟ	Ψ2,400	ψ0,7 32
Install Bluetonin Detection Systems and Variable Message Signs (CMS), monthly Advanced Message Signs (CMS), monthly Advanced Transportation Management System (TMS) and construct Maintenance Vehicle Pullous (MMPs) to construct Vehicl																						
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Message Signa (CMS), modify Advanced Transportation Management System (ATMS), and construct Maintenance Vehicle Pullouts (MVPs) to improve the system performance of mystem performance and install and upgrade Transportation Management System (TMS) dements. 0004A 15500 201.315 2223 50 \$6,321 50 \$104,676 \$50 \$50 \$6,200 \$121 \$11,009 \$320 \$93,346 \$110,996 \$14,44 \$10 \$100,000 \$10																						
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ALA 80 2.0/8.0 n Alameda, Contra Costa, and Solano Courties, on Routes 80, 580, and 980 at virious locations, alterial Briber optic cable and install and upgrade Transportation Management System (TMS) elements.					construct Maintenance Vehicle Pullouts (MVPs) to																	
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.																						
Iocal streets from Route 980 to the District 4 Transportation Management System (TMS) elements. 1488Z 3K360 201.315 22/23 \$0 \$665 \$0 \$8,555 \$0 \$160 \$490 \$15 \$1,240 \$15 \$7,300 \$9,220 \$0,44 \$0,45	04	ALA	80	2.0/8.0	· · · · · · · · · · · · · · · · · · ·	0064A	15500	201.315	22/23	\$0	\$6,321	\$0	\$104,675	\$0	\$0	\$6,200	\$121	121	\$11,009	\$320	\$93,346	\$110,996
Transportation Management Center (TMC). Install fiber optic cable and install and upgrade Transportation Management System (TMS) elements. 1488Z 3K360 201.315 22/23 \$0 \$665 \$0 \$8,555 \$0 \$160 \$490 \$15 \$1,240 \$15 \$7,300 \$9,220 \$0,240 \$15 \$1,240 \$15																						
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Interface signal systems. Invarious counties, on various routes at various 1457C 3K510 201.315 22/23 \$0 \$1,450 \$0 \$18,675 \$0 \$360 \$1,075 \$15 \$2,700 \$15 \$15,960 \$20,125	04	ALA	980		,	1488Z	3K360	201.315	22/23	\$0	\$665	\$0	\$8,555	\$0	\$160	\$490	\$15	\$15	\$1,240	\$15	\$7,300	\$9,220
ALA Var In various counties, on various routes at various 1457C 3K510 201.315 22/23 \$0 \$14.60 \$0 \$18.675 \$0 \$360 \$1,075 \$15 \$2,700 \$15 \$15,960 \$20,125 \$20,																						
locations. Replace obsolete electronic components in existing Closed Circuit Television (CCTV) camera 2027 20740 201.315 22/23 \$0 \$2,155 \$11,099 \$63 \$0 \$2,155 \$10,958 \$141 \$0 \$63 \$0 \$13,317	04	ΛΙΛ	1/05			1.4570	21/540	204 245	22/22	¢ο	¢4 450	ΦO	¢40.675	¢ο	¢260	¢4.075	Ф4 <i>Е</i>	Φ4 <i>E</i>	¢0.700	Ф4 <i>Е</i>	\$4F,000	¢20.425
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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.□ (G13 Contingency) 104 SM 101 In Alameda, Contra Costa, Santa Clara, Sam Mateo, and Solano Counties, on various routes at various locations. Modify and enhance ramp metering systems to improve Transportation Management Systems (TMS) performance and install guardrail at ramps to enhance highway worker safety. 105 SON 121 6.57/0. Near-Scheliville, and the intersection of Routes 121 and 116. Construct roundabout. 106 ALA Var In various counties, on various routes at various locations. Replace obsolete electronic components in existing Closed Circuit Television (CCTV) camera systems. 107 ALA 580 30.4/46.5 In and near San Leandro and Oakland, from Strobridge 1493N OK530 201.315 23/24 \$0 \$4,627 \$0 \$3,955 \$85 \$4,627 \$3,441 \$514 \$0 \$85 \$0 \$6.667 1493N ALA 580 30.4/46.5 In and near San Leandro and Oakland, from Strobridge 1493N OK530 201.315 23/24 \$0 \$4,627 \$0 \$3,955 \$85 \$4,627 \$3,441 \$514 \$0 \$85 \$0 \$6.667 1493N OK530 30.4/46.5 In and near San Leandro and Oakland, from Strobridge 1493N OK530 201.315 23/24 \$0 \$4,627 \$0 \$3,955 \$85 \$4,627 \$3,441 \$514 \$0 \$85 \$0 \$6.667 1493N OK530 30.4/46.5 In and near San Leandro and Oakland, from Strobridge 1493N OK530 201.315 23/24 \$0 \$4,627 \$0 \$3,955 \$85 \$4,627 \$3,441 \$514 \$0 \$85 \$0 \$6.667 1493N OK530 30.4/46.5 In and near San Leandro and Oakland, from Strobridge 1493N OK530 201.315 23/24 \$0 \$4,627 \$0 \$3,955 \$85 \$4,627 \$3,441 \$514 \$0 \$85 \$0 \$6.667 1493N OK530 30.4/46.5 In and near San Leandro and Oakland, from Strobridge High- Occupancy Vehicle (HOV) bypass ramp lanes.□	0.	, , ,	000			202.0	20, 10	201.010	22/20	ΨΟ	Ψ2,100	Ψ11,000	ΨΟΟ	ΨΟ	φ2,100	ψ10,000	Ψιιι	, , , , ,	ΨΟ	ΨΟΟ	ΨΟ	Ψ10,017
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to improve Transportation Management System (TMS) performance and install guardrail at ramps to enhance highway worker safety. Near Schellville, at the intersection of Routes 121 and 116. Construct roundabout. Name of Schellville, at the intersection of Routes 121 and 116. Construct roundabout. Name of Schellville, at the intersection of Routes 121 and 116. Construct roundabout. In various counties, on various routes at various locations. Replace obsolete electronic components in existing Closed Circuit Television (CCTV) camera systems. Name of Schellville, at the intersection of Routes 121 and 2031J 3G900 201.310 22/23 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$18,869 \$0 \$0 \$0 \$0 \$0 \$0 \$18,869 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0																						
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116. Construct roundabout. O4 ALA Var In various counties, on various routes at various locations. Replace obsolete electronic components in existing Closed Circuit Television (CCTV) camera systems. O4 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. □	04	SON	101	65/70		2024 1	30000	201 210	22/22	¢0	¢ 0	¢0	\$19.960	\$0	60	\$ 0	¢ 0	0.2	\$2.0E0	\$4.224	¢12.400	¢10.000
04 ALA Var In various counties, on various routes at various locations. Replace obsolete electronic components in existing Closed Circuit Television (CCTV) camera systems. 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. □	04	SUN	121	0.5/7.0		203 IJ	3G900	201.310	22/23	Φ0	ΦU	ΦU	φ10,009	ΦU	ΦU	ΦU	ΦU	ΦU	φ∠,∪ວ∪	φ4,331	φ1∠,488	φ16,609
locations. Replace obsolete electronic components in existing Closed Circuit Television (CCTV) camera systems. O4 ALA 580 30.4/46.5 In and near San Leandro and Oakland, from Strobridge 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.	04	ΔΙΔ	V/ar			2028B	20540	201 315	23/24	\$0	\$365	\$1 135	\$0	\$19.365	\$365	\$1.120	\$15	\$15	\$2 700	\$15	\$16,650	\$20.865
existing Closed Circuit Television (CCTV) camera systems. 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.	J-	/\LA	vai		,	20200	2000	201.010	20/24	ΨΟ	ψυσυ	ψ1,100	Ψυ	ψ10,000	ΨΟΟΟ	ψ1,120	ΨΙΟ	ΨΙΟ	Ψ2,100	ΨΙΟ	ψ10,000	Ψ20,000
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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.	04	ALA	580	30.4/46.5		1493N	0K530	201.315	23/24	\$0	\$4,627	\$0	\$3,955	\$85	\$4,627	\$3,441	\$514	514	\$0	\$85	\$0	\$8,667
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.□											, ,	, -	, , , , , , , ,	,	, ,==,	,				,		, . ,
upgrade ramp meters and widen ramps to provide High- Occupancy Vehicle (HOV) bypass ramp lanes. □	l																					
Occupancy Vehicle (HOV) bypass ramp lanes. □	l				upgrade ramp meters and widen ramps to provide High-	-																
(G13 Contingency)					Occupancy Vehicle (HOV) bypass ramp lanes.																	
					(G13 Contingency)																	

August 28, 2020 1 of 2

FTIP BACK-UP LIST FOR SHOPP - MOBILITY PROJECTS (VAR170005) FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Со	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	CC	680		In Alameda, Contra Costa, and Solano Counties, on	2025C	1Q720	201.315	23/24	\$0	\$5,475	\$10,252	\$0	\$312	\$5,475	\$9,620	\$632	\$0	\$312	\$0	\$16,039
				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)																
04	NAP	121	7.2/7.4	In the city of Napa, at the intersection with Third	1483B	0J890	201.310	23/24	\$0	\$420	\$0	\$660	\$2,820	\$420	\$510	\$150	\$520	\$340	\$1,960	\$3,900
				Street/East Avenue/Coombsville Road. Construct																
				intersection improvements.																
04	SON	37	3.8/4.0	Near Novato, at the intersection with Route 121.	2023H	1Q480	201.310	23/24	\$0	\$1,458	\$0	\$1,653	\$8,130	\$1,458	\$1,570	\$83	\$1,597	\$542	\$5,991	\$11,241
				Improve traffic operations by modifying intersection.																
04	SON	37	3.9/4.1	Near Novato, from Route 121 to 0.2 mile east of Route	2025P	2Q200	201.310	23/24	\$0	\$1,469	\$0	\$2,376	\$14,287	\$1,469	\$2,361	\$15	\$1,800	\$821	\$11,666	\$18,132
				121. Improve traffic operations by extending the lane																
L				merge in eastbound direction.								-								
04	MKN	37	11.2/14.6	In and near Novato, from Route 101 to Sonoma County	5200	4Q320	201.999	23/24	\$0	\$0	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
				line; also in Sonoma County on Route 37, from Marin																
				County line to Route 121 (PM 0.0/3.9). Reconstruct the																
				roadway to address sea level rise and recurrent																
				flooding.																
(Long Lead Project) 2020 SHOPP - Mobility TOTAL \$9,3											¢400.004	£470 740	£44.000	* 04.000	£40.470	#0.000	£00.470	CC 004	¢000 040	#205 007
								-												\$365,097
SHOPP - Mobility NEW REQUESTED TOTAL \$35,894 \$28,175 \$109,881											\$109,881	\$172,718	\$44,999	\$27,038	\$45,879	\$2,432	\$33,776	\$65,024	\$217,518	\$391,667

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