

STATE HIGHWAY OPERATION AND PROTECTION PROGRAM



2020 SHOPP

FISCAL YEARS
2020-21 through 2023-24

PROPOSED

Prepared by the
CALIFORNIA DEPARTMENT OF TRANSPORTATION

In accordance with Government Code section 14526.5

CALIFORNIA STATE TRANSPORTATION AGENCY

January 31, 2020

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EXECUTIVE SUMMARY

The 2020 State Highway Operation and Protection Program (SHOPP) is the State Highway System's "fix-it-first" program that funds the repair and preservation, emergency repairs, safety improvements, and some highway operational improvements on the State Highway System (SHS). By continuously repairing and rehabilitating the SHS, the SHOPP protects the enormous investment that has been made over many decades to create and manage the approximately 50,000 lane-mile SHS. The SHS includes statutorily designated state-owned roads, highways (including the Interstate system) and bridges (including associated bicycle and pedestrian facilities) and their supporting infrastructure such as culverts, Transportation Management Systems (TMS), safety roadside rest areas, and maintenance stations. The SHOPP also funds legally mandated project categories such as retrofitting existing SHS facilities to comply with the Americans with Disabilities Act (ADA) and storm water control requirements. All projects funded by the SHOPP are limited to capital improvements that do not add capacity (no new highway lanes) to the SHS, though some new auxiliary lanes are eligible for SHOPP funding.

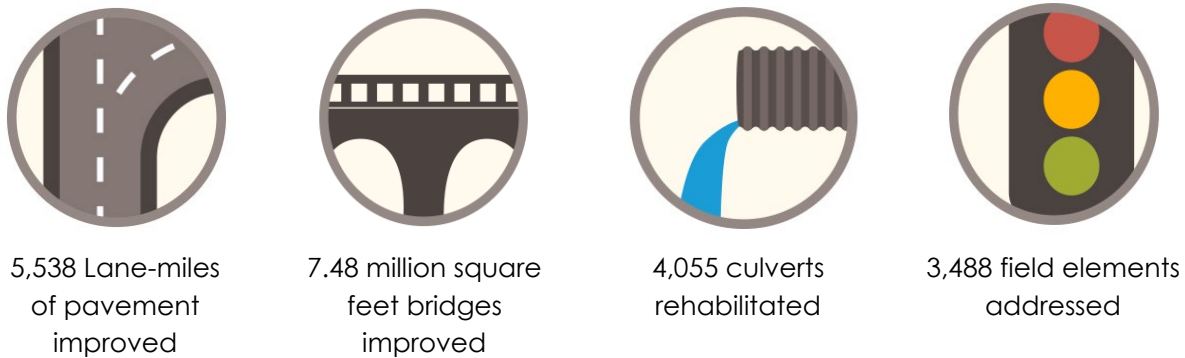
The SHOPP includes funding reservations for emergency repairs and safety improvements where specific project funding needs cannot be anticipated prior to actual incidents. Revenues for the SHOPP are generated by federal and state gas taxes and are fiscally constrained by the 2020 State Transportation Improvement Program Fund Estimate (Fund Estimate) that is produced by the California Department of Transportation (Caltrans) and adopted by the California Transportation Commission (Commission).

For the 2020 SHOPP, Caltrans will implement \$17.4 billion in projects over four years, covering Fiscal Years 2020-21 through 2023-24. A four-year summary of SHOPP investments is provided in **Table 2**. A more detailed 2020 Funding Summary is available in **EXHIBIT A** and the full 2020 County Listing of Projects in **EXHIBIT H**. Caltrans is submitting this proposed portfolio of projects to the Commission for Commission review and adoption. It is anticipated that the Commission will adopt the 2020 SHOPP by their meeting in May 2020.

The 2020 SHOPP is the first performance driven project portfolio built entirely driven by the Asset Management process. Projects in the 2020 SHOPP were developed under an asset management framework established through the California Transportation Asset Management Plan (TAMP) and implemented with the State

Highway System Management Plan (SHSMP). The SHSMP operationalizes the TAMP using Commission-adopted asset classes, performance measures and targets pursuant to Senate Bill 486 (SB 486). Furthermore, the 2020 SHOPP is also comprised of projects that address condition improvements across four primary asset classes (i.e., pavement, bridge, drainage, and TMS), in supporting progress to meet 2027 performance targets established in Senate Bill 1 (SB 1). The 2020 SHOPP performance measures for these primary asset classes are summarized in **Figure 1**.

Figure 1 - 2020 SHOPP Performance Measures



The TAMP identifies federal asset condition targets for pavement and bridges on the National Highway System (NHS) that meet or exceed SB 1 targets. The TAMP also puts forth performance targets for eight supplementary asset classes in addition to the four primary asset classes on the SHS in alignment with the Commission's 2017 TAMP Guidelines. With this, projects in the 2020 SHOPP go beyond just meeting SB 1 targets.

The SHSMP integrates both federal and state mandated targets and further expands the scope of asset management to 32 total performance objectives and targets. Project portfolios are developed to assure that 10-year performance targets are achieved and are published and updated quarterly in the SHOPP Ten-Year Project Book. All proposed new 2020 SHOPP projects that are not funded by reservations such as emergency opening projects or safety improvements, are listed in the Ten-Year Project Book.

Table 1 outlines the SB 1 ten-year goals to be achieved for the highway system for pavement, bridge, culverts and TMS asset classes.

Table 1 – 2017 to 2027 Ten-Year Condition Estimates

Asset Class	Projected End of Plan Condition Relative to Current
Pavement	Achieve a pavement pothole and cracking Level of Service of 90 percent or higher by 2027.
Bridges	Not less than 98.5 percent of bridge area to be in good or fair condition by 2027. Fix not less than an additional 500 bridges by 2027
Culverts	Not less than 90 percent of culvert length to be in good or fair condition by 2027.
Transportation Management Systems (TMS)	Not less than 90 percent of TMS elements to be in good condition by 2027.

SHOPP projects also provide opportunities to address other vital State priorities such as the implementation of Complete Streets elements such as pedestrian and bicycle facilities, climate change considerations (reduction of transportation related greenhouse gas (GHG) emissions and measures to enhance the resilience of transportation assets to future climate stressors), and enhancements to wildlife connectivity and fish passage. These are co-benefits to the primary purpose of the fix-it-first focus of the SHOPP. Such benefits are different from project impact mitigation that is required through the National Environmental Protection Act (NEPA) and the California Environmental Quality Act (CEQA). These additional project attributes go beyond NEPA and CEQA requirements by actively incorporating additional State priorities identified in statute, executive orders, and policies into the scope of SHOPP projects, as appropriate. For example, the scoping of a pavement rehabilitation project is an opportunity to evaluate whether the project can also meet pedestrian and bicycle needs, and where feasible, to include those elements into the project scope early in the project development process.

Caltrans is committed to making continuing improvements in implementation of Complete Streets features. These efforts include changes to Caltrans policy, guidance, procedures and organizational structure. For instance, Caltrans is evaluating its design guidance for consistency with externally available sources at the Federal and national association levels. Furthermore, efforts to develop an improved dataset of bicycle and pedestrian facilities is underway to better assess the inventory and condition of these assets for the 2021 SHSMP. An

analysis of the 2020 SHOPP has determined that 41 percent of the projects include one or more bicycle, pedestrian or transit focused feature and is demonstrating a growing Complete Streets focus.

The 2020 SHOPP was prepared by Caltrans in accordance with Government Code section 14526.5, Streets and Highways Code section 164.6, and the Commission SHOPP Guidelines. The 2020 SHOPP is the culmination of a multi-year development cycle that began with the identification of SHS rehabilitation needs and priorities in the SHSMP. The 2020 SHOPP Project List is also consistent with the TAMP that was prepared per state and federal requirements. The TAMP identifies at a broad level the projects needed to achieve asset performance targets for pavement, bridge, culverts and TMS elements over a ten-year period ending in the year 2027. The TAMP addresses both the SHS and the federal NHS. Not all of the SHS is included in the NHS and some of the facilities included in the NHS are local roads not on the SHS. The SHOPP only includes projects located on the SHS.

An additional component of the SHOPP is the funding program referred to as the Minor Program. Over the four years of the 2020 SHOPP, the Minor Program will include \$1 billion to implement relatively low cost (less than \$ 1.25 million) capital projects that meet all requirements for SHOPP eligibility. These funds enable Caltrans to quickly address small-scale needs that are beyond the scope of what can be addressed by the Caltrans Maintenance Program. These projects are at a scale that do not necessitate an extensive project development process as is normally required for more costly and complex capital projects. The Minor Program of projects is annually proposed by Caltrans for Commission approval, and the Minor Program funding amount is included within the SHOPP total.

EXHIBIT H: 2020 SHOPP County Listing of Projects

County	Page No.	County	Page No.
Alameda	H - 1	Orange	H - 238
Alpine	H - 23	Placer	H - 257
Amador	H - 25	Plumas	H - 261
Butte	H - 27	Riverside	H - 265
Calaveras	H - 30	Sacramento	H - 284
Colusa	H - 35	San Benito	H - 294
Contra Costa	H - 36	San Bernardino	H - 295
Del Norte	H - 44	San Diego	H - 312
El Dorado	H - 48	San Francisco	H - 333
Fresno	H - 50	San Joaquin	H - 337
Glenn	H - 58	San Luis Obispo	H - 348
Humboldt	H - 60	San Mateo	H - 356
Imperial	H - 76	Santa Barbara	H - 368
Inyo	H - 79	Santa Clara	H - 381
Kern	H - 84	Santa Cruz	H - 392
Kings	H - 97	Shasta	H - 399
Lake	H - 100	Sierra	H - 402
Lassen	H - 103	Siskiyou	H - 403
Los Angeles	H - 104	Solano	H - 410
Madera	H - 175	Sonoma	H - 416
Marin	H - 177	Stanislaus	H - 428
Mariposa	H - 184	Sutter	--
Mendocino	H - 186	Tehama	H - 432
Merced	H - 199	Trinity	H - 435
Modoc	H - 206	Tulare	H - 438
Mono	H - 207	Tuolumne	H - 445
Monterey	H - 211	Ventura	H - 447
Napa	H - 221	Yolo	H - 462
Nevada	H - 230	Yuba	H - 464

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

04-Alameda-92 6.5 2028K 0418000101	In Hayward, at the westbound connector from northbound Route 880. Restore eroded embankment and extend existing concrete barrier.	0Q450 2021-22	R/W: \$10 Con: \$661	PA&ED: \$285 PS&E: \$347 R/W Sup: \$16 Con Sup: \$191	Prior 20-21 20-21 21-22	PA&ED: 8/26/2020 R/W Cert: 8/13/2021 RTL: 10/12/2021 Begin Con: 5/13/2022
<i>Carryover</i>			Subtotal: \$671	\$839		
			Total Project Cost	\$1,510		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

04-Alameda-580 R4.3 1461D 0417000401	Near Livermore, at 0.3 mile west of Stonecut Underpass (PM R4.3L). Restore eroded embankment slope in the eastbound direction and install erosion control measures.	0P120 2021-22	R/W: \$50 Con: \$3,140	PA&ED: \$752 PS&E: \$949 R/W Sup: \$60 Con Sup: \$1,201	Prior 21-22 21-22 21-22	PA&ED: 6/21/2021 R/W Cert: 1/31/2022 RTL: 2/28/2022 Begin Con: 7/29/2022
<i>Carryover</i>			Subtotal: \$3,190	\$2,962		
			Total Project Cost:	\$6,152		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-680 M2.1 2028M 0418000132	In Fremont, at the northbound offramp to Mission Boulevard. Stabilize storm damaged embankment.	0Q680 2021-22	R/W: \$5 Con: \$2,908	PA&ED: \$750 PS&E: \$885 R/W Sup: \$60 Con Sup: \$1,033	Prior 20-21 20-21 21-22	PA&ED: 12/1/2020 R/W Cert: 2/28/2022 RTL: 3/31/2022 Begin Con: 12/15/2022
			Subtotal: \$2,913	\$2,728		
<i>Carryover</i>			Total Project Cost:	\$5,641		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

04-Alameda-Var 2025R 0418000442	In Alameda County, on Routes 80, 580, and 680 at various locations. Place High Friction Surface Treatment (HFST).	2Q250 2021-22	R/W: \$12 Con: \$3,502	PA&ED: \$640 PS&E: \$674 R/W Sup: \$10 Con Sup: \$694	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 11/1/2021 RTL: 1/5/2022 Begin Con: 7/1/2022
			Subtotal: \$3,514	\$2,018		
<i>Carryover</i>			Total Project Cost:	\$5,532		

Program 201.010 Safety Improvements
Project Output(s) 213 Collision(s) reduced

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-13 6.7/7.2 1490P 0415000356	In Oakland, from 0.2 mile north of Lincoln Avenue to 0.2 mile south of Park Boulevard. Install outer separation barrier and construct rumble strips.	4J490 2021-22	R/W: \$107 Con: \$2,985	PA&ED: \$824 PS&E: \$667 R/W Sup: \$42 Con Sup: \$565	Prior 20-21 20-21 21-22	PA&ED: 2/2/2021 R/W Cert: 6/7/2022 RTL: 6/14/2022 Begin Con: 2/1/2023
Carryover			Subtotal: \$3,092	\$2,098		
			Total Project Cost:	\$5,190		

Program 201.010 Safety Improvements
Project Output(s) 5 Collision(s) reduced

04-Alameda-61 16.4/18.1 2025F 0418000404	In the cities of Oakland and Alameda, from Swan Road to Harbor Bay Parkway. Install new and upgrade existing guardrail in the northbound direction.	2Q140 2022-23	R/W: \$126 Con: \$1,281	PA&ED: \$991 PS&E: \$904 R/W Sup: \$127 Con Sup: \$751	Prior 21-22 21-22 22-23	PA&ED: 6/30/2021 R/W Cert: 12/16/2022 RTL: 12/30/2022 Begin Con: 7/12/2023
Carryover			Subtotal: \$1,407	\$2,773		
			Total Project Cost:	\$4,180		

Program 201.010 Safety Improvements
Project Output(s) 19 Collision(s) reduced

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-61 19.0/21.0 1464A 0417000306	In and near the cities of Alameda, Emeryville, Berkeley, Albany, and San Leandro on Routes 61, 123, and 185 at various locations. Install vehicle speed feedback signs and upgrade signal to standard.	4K400 2021-22	R/W: \$83 Con: \$1,472	PA&ED: \$303 PS&E: \$300 R/W Sup: \$219 Con Sup: \$400	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 1/3/2022 RTL: 2/1/2022 Begin Con: 8/1/2022
Carryover			Subtotal: \$1,555	\$1,222		
			Total Project Cost:	\$2,777		

Program 201.010 Safety Improvements
Project Output(s) 13 Collision(s) reduced

04-Alameda-580 R1.3/R6.0 1495F 0416000125	Near Livermore, from Flynn Road to Grant Line Road. Install safety lighting and establish electrical service connection.	0K680 2020-21	R/W: \$493 Con: \$4,211	PA&ED: \$962 PS&E: \$806 R/W Sup: \$104 Con Sup: \$962	Prior Prior Prior 20-21	PA&ED: 2/3/2020 R/W Cert: 11/30/2020 RTL: 12/15/2020 Begin Con: 5/17/2021
Carryover			Subtotal: \$4,704	\$2,834		
			Total Project Cost:	\$7,538		

Program 201.010 Safety Improvements
Project Output(s) 65 Collision(s) reduced

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-880 27.1/27.3 1491C 0415000365 Carryover	In Oakland, from 0.1 mile south to 0.1 mile north of East Creek Slough Bridge No. 33-0143. Construct outer separation concrete barrier in southbound direction, replace bridge rail, and install a drainage system.	4J540 2022-23	R/W: \$601 Con: \$4,035	PA&ED: \$956 PS&E: \$1,266 R/W Sup: \$102 Con Sup: \$1,041	Prior 21-22 21-22 22-23	PA&ED: 1/3/2022 R/W Cert: 6/1/2023 RTL: 6/5/2023 Begin Con: 12/1/2023
			Subtotal: \$4,636	\$3,365		
			Total Project Cost:	\$8,001		

Program 201.010 Safety Improvements
Project Output(s) 5 Collision(s) reduced

04-Alameda-Var 1481B 0414000357 Carryover	In Alameda County, on Routes 80, 84, and 880 at various locations; also in Contra Costa County on Routes 24 and 680 at various locations. Install High Friction Surface Treatment (HFST) at spot locations to enhance wet pavement conditions.	1J780 2021-22	R/W: \$10 Con: \$6,311	PA&ED: \$1,118 PS&E: \$1,274 R/W Sup: \$104 Con Sup: \$1,534	Prior Prior Prior 21-22	PA&ED: 12/1/2019 R/W Cert: 7/1/2021 RTL: 8/1/2021 Begin Con: 3/9/2022
			Subtotal: \$6,321	\$4,030		
			Total Project Cost:	\$10,351		

Program 201.015 Collision Severity Reduction
Project Output(s) 24 Collision(s) reduced

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-13 1492F 0416000054 Carryover	In Alameda County, on Routes 13, 24, 580, 680, and 880 at various locations; also in Contra Costa County, on Routes 4, 24, 80, 160, and 680 at various locations. Install Rectangular Rapid Flashing Beacons (RRFBs) to enhance pedestrian safety at ramp termini and uncontrolled pedestrian crossings.	0K120 2021-22	R/W: \$290 Con: \$8,237	PA&ED: \$1,261 PS&E: \$1,145 R/W Sup: \$229 Con Sup: \$1,345	Prior Prior 20-21 21-22	PA&ED: 6/1/2020 R/W Cert: 3/15/2022 RTL: 5/15/2022 Begin Con: 11/15/2022
			Subtotal: \$8,527	\$3,980		
			Total Project Cost:	\$12,507		

Program 201.015 Collision Severity Reduction
Project Output(s) 12 Collision(s) reduced

04-Alameda-580 1487M 0415000090 Carryover	In various cities, on Routes 580, 680, 880, and 980 at various locations. Enhance pedestrian safety by installing Accessible Pedestrian Signals (APS) systems and countdown timers and upgrading crosswalk markings.	3J130 2021-22	R/W: \$20 Con: \$6,068	PA&ED: \$940 PS&E: \$940 R/W Sup: \$130 Con Sup: \$1,030	Prior Prior Prior 21-22	PA&ED: 4/1/2020 R/W Cert: 6/1/2021 RTL: 7/15/2021 Begin Con: 1/31/2022
			Subtotal: \$6,088	\$3,040		
			Total Project Cost:	\$9,128		

Program 201.015 Collision Severity Reduction
Project Output(s) 8 Collision(s) reduced

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-580 1495E 0416000123 Carryover	In Alameda County, on Routes 580 and 680 at various locations; also in Contra Costa County, on Routes 160 and 680 at various locations. Install concrete barrier to shield structure column from errant vehicles and upgrade existing guardrails to current standards.	0K650 2020-21	R/W: \$70 Con: \$3,156	PA&ED: \$500 PS&E: \$800 R/W Sup: \$166 Con Sup: \$800	Prior Prior Prior 20-21	PA&ED: 2/2/2020 R/W Cert: 3/1/2021 RTL: 6/1/2021 Begin Con: 12/1/2021
			Subtotal: \$3,226	\$2,266		
			Total Project Cost:	\$5,492		

Program 201.015 Collision Severity Reduction
Project Output(s) 5 Collision(s) reduced

04-Alameda-580 1496A 0416000137 Carryover	In Alameda and Contra Costa Counties, on various routes, at various locations. Upgrade advance warning signs to make standard.	0K770 2021-22	R/W: \$108 Con: \$2,638	PA&ED: \$700 PS&E: \$700 R/W Sup: \$10 Con Sup: \$700	Prior Prior Prior 21-22	PA&ED: 7/29/2020 R/W Cert: 8/16/2021 RTL: 9/15/2021 Begin Con: 5/1/2022
			Subtotal: \$2,746	\$2,110		
			Total Project Cost:	\$4,856		

Program 201.015 Collision Severity Reduction
Project Output(s) 4 Collision(s) reduced

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-580 0.1/R9.0 1494D 0416000025	In and near Livermore, from San Joaquin County line to 0.7 mile west of Greenville Road. Highway worker safety improvements.	4J940 2021-22	R/W: \$183 Con: \$1,997	PA&ED: \$625 PS&E: \$400 R/W Sup: \$75 Con Sup: \$525	Prior Prior Prior 21-22	PA&ED: 4/1/2020 R/W Cert: 11/1/2021 RTL: 1/17/2022 Begin Con: 5/2/2022
<i>Carryover</i>			Subtotal: \$2,180	\$1,625		
			Total Project Cost:	\$3,805		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 14 Location(s)

04-Alameda-880 30.2/R33.6 1452N 0417000035	In Oakland, from south of 5th Avenue to north of 7th Street. Pave narrow strips and miscellaneous areas, construct Maintenance Vehicle Pullouts (MVPs) and upgrade crash cushions to reduce maintenance work and enhance highway worker safety.	2K820 2020-21	R/W: \$10 Con: \$2,170	PA&ED: \$500 PS&E: \$350 R/W Sup: \$100 Con Sup: \$450	Prior Prior Prior 20-21	PA&ED: 10/1/2019 R/W Cert: 1/15/2021 RTL: 2/15/2021 Begin Con: 10/15/2021
<i>Carryover</i>			Subtotal: \$2,180	\$1,400		
			Total Project Cost:	\$3,580		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 16 Location(s)

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

04-Alameda-880 2020R 0418000047 New	In Hayward, on Routes 92 and 880 at various locations. Construct permanent Best Management Practices (BMPs) to achieve Statewide National Pollution Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL). Financial Contribution Only (FCO) to the City of Hayward.	0Q170 2022-23	R/W: Con: \$1,841	PA&ED: PS&E: R/W Sup: Con Sup:	\$39 20-21	PA&ED: R/W Cert: RTL: Begin Con:
			Subtotal: \$1,841	\$39		
			Total Project Cost:	\$1,880		
			Program 201.335 Storm Water Mitigation			
			Project Output(s) 147.9 Acre(s) treated/pollutant			

04-Alameda-880 2020H 0418000048 New	In Alameda and Santa Clara Counties on Routes 80 and 880 at various locations. Construct permanent Best Management Practices (BMPs) to achieve Statewide National Pollution Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	0Q180 2022-23	R/W: \$245 Con: \$4,841	PA&ED: \$880 PS&E: \$1,389 R/W Sup: \$55 Con Sup: \$1,223	20-21 21-22 21-22 22-23	PA&ED: 4/1/2022 R/W Cert: 3/1/2023 RTL: 3/31/2023 Begin Con: 12/1/2023
			Subtotal: \$5,086	\$3,547		
			Total Project Cost:	\$8,633		
			Program 201.335 Storm Water Mitigation			
			Project Output(s) 67.0 Acre(s) treated/pollutant			

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-880 R0.9/24.8 1453D 0416000036	In Oakland, Union City, and Fremont, and on Route 80 in Berkeley (PM 4.7) at various locations; also in Santa Clara County, in Milpitas at PM 8.9.	4J980 2020-21	R/W: \$25 Con: \$5,801	PA&ED: \$1,060 PS&E: \$800 R/W Sup: \$26 Con Sup: \$1,000	Prior Prior 20-21 20-21	PA&ED: 5/12/2020 R/W Cert: 4/5/2021 RTL: 6/1/2021 Begin Con: 2/15/2022
Carryover	Construct permanent Best Management Practices (BMPs) to achieve Statewide National Pollutant Discharge Eliminating System (NPDES) permit compliance units (CUs) for trash capture.		Subtotal: \$5,826	\$2,886		
			Total Project Cost:	\$8,712		

Program 201.335 Storm Water Mitigation
Project Output(s) 60.0 Acre(s) treated/pollutant

04-Alameda-123 1.9/5.2 0434K 0400021222	In Berkeley and Albany, from Route 13 to Contra Costa County line (PM 1.9/5.177). Upgrade facilities to Americans with Disabilities Act (ADA) standards.	2G780 2022-23	R/W: \$339 Con: \$1,572	PA&ED: \$250 PS&E: \$306 R/W Sup: \$155 Con Sup: \$477	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 9/1/2023
New			Subtotal: \$1,911	\$1,188		
			Total Project Cost:	\$3,099		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 91 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	91.0	91.0	Each
Post Condition	91.0	0.0	0.0	91.0	Each

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-185 0.4/10.1 0434J 0400021215	In Hayward, from A Street to Rose Street (PM 0.39/0.90); also in Oakland, from 55th Avenue to 50th Avenue (PM 9.75/10.09). Upgrade curb ramps, driveways, and sidewalks to make compliant with American with Disabilities Act (ADA) standards.	2G740 2021-22	R/W: \$195 Con: \$5,017	PA&ED: \$700 PS&E: \$950 R/W Sup: \$95 Con Sup: \$950	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 3/1/2022 RTL: 6/1/2022 Begin Con: 1/16/2023
Carryover			Subtotal: \$5,212	\$2,695		
			Total Project Cost:	\$7,907		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 31 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	11.0	11.0	Each
Post Condition	11.0	0.0	0.0	11.0	Each

04-Alameda-680 M0.1 2028G 0419000046	In Fremont, at the southbound offramp to Scott Creek Road; also on Route 238 (PM 0.737/0.832). Upgrade facilities to Americans with Disabilities Act (ADA) standards.	2Q760 2022-23	R/W: \$255 Con: \$2,461	PA&ED: \$620 PS&E: \$972 R/W Sup: \$255 Con Sup: \$788	20-21 21-22 21-22 22-23	PA&ED: 12/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 9/1/2023
New			Subtotal: \$2,716	\$2,635		
			Total Project Cost:	\$5,351		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 6 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	6.0	6.0	Each
Post Condition	6.0	0.0	0.0	6.0	Each

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-13 10.7/13.0 0124N 0419000091	In Berkeley, from Domingo Avenue to Mabel Street. Upgrade curb ramps and repair sidewalks to meet American with Disabilities Act (ADA) standards.	2G461 2021-22	R/W: \$410 Con: \$4,700	PA&ED: PS&E: R/W Sup: Con Sup: \$985	21-22	PA&ED: 12/28/2018 R/W Cert: 6/2/2022 RTL: 6/9/2022 Begin Con: 1/12/2023
Carryover			Subtotal: \$5,110	\$985		
			Total Project Cost:	\$6,095		

Americans with Disabilities Act Pedestrian
Program 201.378 Infrastructure
Project Output(s) 22 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	22.0	22.0	Each
Post Condition	22.0	0.0	0.0	22.0	Each

BRIDGE PRESERVATION

04-Alameda-680 M6.4/R6.6 2020C 0418000026	In Fremont, at Mission San Jose (680/238) Separation No. 33-0294. Bridge approach slabs replacement, bridge deck overlay, and joint seals replacement.	0P920 2023-24	R/W: \$139 Con: \$14,937	PA&ED: \$712 PS&E: \$1,810 R/W Sup: \$46 Con Sup: \$4,165	20-21 21-22 21-22 23-24	PA&ED: 10/1/2021 R/W Cert: 7/1/2023 RTL: 8/1/2023 Begin Con: 3/1/2024
New			Subtotal: \$15,076	\$6,733		
			Total Project Cost:	\$21,809		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	25,188.0	25,188.0	Square feet
Post Condition	25,188.0	0.0	0.0	25,188.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 33-0294	Fair	Fair

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-84 17.0/17.4 0481M 0414000012	Near Sunol, at Arroyo De La Laguna Bridge No. 33-0043. Replace/rehabilitate bridge for scour mitigation, bridge rail upgrade and seismic retrofit.	0J550 2021-22	R/W: \$500 Con: \$13,000	PA&ED: \$1,863 PS&E: \$3,600 R/W Sup: \$250 Con Sup: \$3,600	Prior Prior Prior 21-22	PA&ED: 10/1/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 11/30/2022
Carryover			Subtotal: \$13,500	\$9,313		
			Total Project Cost:	\$22,813		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 1 Bridge(s)

Primary Asset

(Scour)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	11,776.0	11,776.0	Square feet
Post Condition	22,010.0	0.0	0.0	22,010.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 33-0043	Good	Good

04-Alameda-680 R10.2 2020B 0418000025	Near Sunol, at Alameda Creek Bridge No. 33-0047. Scour mitigation, bridge deck rehabilitation, and joint seal replacement.	0P910 2023-24	R/W: \$305 Con: \$7,461	PA&ED: \$1,699 PS&E: \$1,602 R/W Sup: \$223 Con Sup: \$2,166	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 2/1/2024 RTL: 3/1/2024 Begin Con: 10/1/2024
New			Subtotal: \$7,766	\$5,690		
			Total Project Cost:	\$13,456		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 1 Bridge(s)

Primary Asset

(Scour)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	79,857.0	79,857.0	Square feet
Post Condition	79,857.0	0.0	0.0	79,857.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 33-0047	Good	Good

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-880 15.6/26.5 1450C 0416000378	In Hayward, San Leandro, and Oakland, at Tennyson Road Overcrossing (OC) No. 33-0236 (PM 15.65), Washington Avenue OC No. 33-0166 (PM 20.82), and Damon Slough southbound onramp No. 33-0142K (PM 26.53); also on Route 77 in Oakland, at San Leandro OC No. 33-0284 (PM 0.29). Upgrade bridge rails, replace joint seals.	2K170 2021-22	R/W: \$25 Con: \$10,300	PA&ED: \$800 PS&E: \$1,500 R/W Sup: \$250 Con Sup: \$2,200	Prior Prior Prior 21-22	PA&ED: 3/16/2020 R/W Cert: 12/17/2021 RTL: 1/21/2022 Begin Con: 9/26/2022
Carryover			Subtotal: \$10,325	\$4,750		
			Total Project Cost:	\$15,075		
			Program	201.112 Bridge Rail Replacement and Upgrade		
			Project Output(s)	2,123.0 Linear feet 4 Bridge(s)		

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,123.0	2,123.0	Linear feet rail
Post Condition	2,123.0	0.0	0.0	2,123.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 33-0142K	Fair	Fair
Bridge No. 33-0166	Fair	Fair
Bridge No. 33-0236	Fair	Good
Bridge No. 33-0284	Fair	Fair

04-Alameda-13 7.9 2020L 0418000023	In Oakland, at Burns Drive Pedestrian Overcrossing No. 33-0244 (PM 7.91). Replace pedestrian overcrossing and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0P890 2023-24	R/W: \$26 Con: \$17,450	PA&ED: \$2,359 PS&E: \$2,584 R/W Sup: \$93 Con Sup: \$4,252	20-21 21-22 21-22 23-24	PA&ED: 4/5/2022 R/W Cert: 2/20/2024 RTL: 3/5/2024 Begin Con: 9/3/2024
New			Subtotal: \$17,476	\$9,288		
			Total Project Cost:	\$26,764		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

**Primary Asset
(Seismic)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,120.0	2,120.0	Square feet
Post Condition	2,120.0	0.0	0.0	2,120.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 33-0244	Fair	Fair

V4.0 2020 SHOPP Project List
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(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-580 R41.3/44.8 2020M 0418000024	In Oakland, at Fruitvale Avenue Undercrossing No. 33-0324 (PM R41.43), Van Buren Avenue Pedestrian Overcrossing (POC) No. 33-0313 (PM 43.75), Santa Clara Avenue POC No. 33-0312 (PM 43.76), and Broadway Richmond Boulevard Undercrossing No. 33-0285 (PM 44.51). Seismic retrofit and bridge rail replacement of two bridges, and demolish and replace two POCs.	0P900 2023-24	R/W: \$146 Con: \$26,505	PA&ED: \$3,170 PS&E: \$3,418 R/W Sup: \$311 Con Sup: \$5,301	20-21 21-22 21-22 23-24	PA&ED: 4/5/2022 R/W Cert: 10/20/2023 RTL: 2/3/2024 Begin Con: 8/6/2024
New			Subtotal: \$26,651 Total Project Cost:	\$12,200 \$38,851		
				Program 201.113 Bridge Seismic Restoration		
				Project Output(s) 4 Bridge(s)		

Primary Asset

(Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	248,355.0	248,355.0	Square feet
Post Condition	248,355.0	0.0	0.0	248,355.0	Square feet

Bridge Health

Existing Condition Post Condition

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 33-0285	Poor	Poor
Bridge No. 33-0312	Good	Good
Bridge No. 33-0313	Good	Good
Bridge No. 33-0324	Fair	Fair

04-Alameda-880 27.2 1483D 0415000005	In Oakland, at East Creek Slough Bridge No. 33-0143. Mitigate eroded channel side-slope tidal scour and replace bridge approach slabs.	2J760 2021-22	R/W: \$100 Con: \$2,307	PA&ED: \$1,000 PS&E: \$850 R/W Sup: \$160 Con Sup: \$1,170	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 4/1/2022 RTL: 5/1/2022 Begin Con: 12/1/2022
Carryover			Subtotal: \$2,407 Total Project Cost:	\$3,180 \$5,587		
				Program 201.119 Bridge Preventative Maintenance		
				Project Output(s) 1 Bridge(s)		

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12,981.0	0.0	12,981.0	Square feet
Post Condition	12,981.0	0.0	0.0	12,981.0	Square feet

Bridge Health

Existing Condition Post Condition

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 33-0143	Good	Good

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

04-Alameda-61 14.8/19.8 2027G 0419000042	In the cities of San Leandro, Oakland, and Alameda, from Route 112 (Davis Street) to Encinal Avenue. Rehabilitate pavement, upgrade guardrail, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2Q720 2023-24	R/W: \$200 Con: \$16,345	PA&ED: \$1,530 PS&E: \$2,032 R/W Sup: \$89 Con Sup: \$2,597	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 1/2/2024 RTL: 1/16/2024 Begin Con: 9/20/2024
Subtotal:			\$16,545	\$6,248		
Total Project Cost:				\$22,793		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.8	16.6	0.0	18.4	Lane mile(s)
Post Condition	18.4	0.0	0.0	18.4	Lane mile(s)

04-Alameda-61 19.8/21.2 1452J 0417000013	In the city of Alameda, from Broadway/Encinal Avenue to Sherman Street. Pavement rehabilitation, upgrade Americans with Disabilities Act (ADA) curb ramps, and improve crosswalks.	2K710 2020-21	R/W: \$5 Con: \$4,874	PA&ED: \$1,220 PS&E: \$1,200 R/W Sup: \$22 Con Sup: \$1,500	Prior Prior Prior 20-21	PA&ED: 2/1/2020 R/W Cert: 3/1/2021 RTL: 5/1/2021 Begin Con: 11/1/2021
Subtotal:			\$4,879	\$3,942		
Total Project Cost:				\$8,821		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 5.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	2.8	2.8	5.6	Lane mile(s)
Post Condition	5.6	0.0	0.0	5.6	Lane mile(s)

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-84 6.9/10.8 1454C 041700009	In Fremont, from Route 880 (PM 6.922) to Route 238. Rehabilitate pavement and upgrade curb ramps to make Americans with Disabilities Act (ADA) compliant.	2K690 2021-22	R/W: \$173 Con: \$12,874	PA&ED: \$2,080 PS&E: \$2,340 R/W Sup: \$780 Con Sup: \$2,080	Prior Prior Prior 21-22	PA&ED: 11/2/2020 R/W Cert: 5/3/2022 RTL: 6/1/2022 Begin Con: 1/13/2023
Carryover			Subtotal: \$13,047	\$7,280		
			Total Project Cost:	\$20,327		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 12.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	1.5	10.5	12.0	Lane mile(s)
Post Condition	12.0	0.0	0.0	12.0	Lane mile(s)

04-Alameda-185 0.4/5.7 1494C 041600094	In and near Hayward and San Leandro, from A Street to Davis Street. Rehabilitate pavement and upgrade curb ramps to Americans with Disabilities Act (ADA) standards.	0K490 2021-22	R/W: \$40 Con: \$14,928	PA&ED: \$1,417 PS&E: \$2,093 R/W Sup: \$375 Con Sup: \$2,405	Prior Prior 20-21 21-22	PA&ED: 3/2/2020 R/W Cert: 7/1/2021 RTL: 10/8/2021 Begin Con: 5/4/2022
Carryover			Subtotal: \$14,968	\$6,290		
			Total Project Cost:	\$21,258		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.1 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	23.6	0.5	24.1	Lane mile(s)
Post Condition	24.1	0.0	0.0	24.1	Lane mile(s)

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-580 20.7/R30.8 0112H 0418000044	In and near Dublin and Castro Valley, from Route 680 to Route 238. Rehabilitate pavement, construct concrete barrier, upgrade signs, guardrail, and Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0Q100 2022-23	R/W: \$5 Con: \$63,607	PA&ED: \$1,973 PS&E: \$3,591 R/W Sup: \$180 Con Sup: \$4,165	20-21 21-22 21-22 22-23	PA&ED: 9/2/2021 R/W Cert: 5/1/2023 RTL: 6/1/2023 Begin Con: 1/2/2024
New			Subtotal: \$63,612 Total Project Cost:	\$9,909 \$73,521		

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 77.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	24.3	45.0	7.9	77.2	Lane mile(s)
Post Condition	77.2	0.0	0.0	77.2	Lane mile(s)

04-Alameda-880 R0.0/11.8 1454G 0417000010	In Fremont, from Santa Clara County line to north of Fremont Boulevard Overcrossing. Cold plane pavement, overlay with Rubberized Hot Mix Asphalt (RHMA-G) and Open Graded Friction Course (OGFC), upgrade Americans with Disabilities Act (ADA) curb ramps, upgrade metal beam guardrail, and replace loop detectors. (G13 Contingency)	2K700 2021-22	R/W: \$50 * Con: \$57,166	PA&ED: \$3,000 PS&E: \$5,000 R/W Sup: \$620 * Con Sup: \$5,400	Prior Prior Prior 21-22	PA&ED: 3/2/2020 R/W Cert: 11/1/2021 RTL: 3/1/2022 Begin Con: 9/22/2022
Carryover			Subtotal: \$57,216 Total Project Cost:	\$14,020 \$71,236		

** Construction Capital and * Construction Support phases are NOT authorized*

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 90.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	49.3	40.9	0.0	90.2	Lane mile(s)
Post Condition	90.2	0.0	0.0	90.2	Lane mile(s)

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-84 16.9 1498A 0416000256	Near Fremont, at Silver Spring Road Underpass; also on Route 580 at Fairmont Drive Overcrossing (PM 32.7) and Route 880 at Washington Avenue (PM 20.8); also in Solano County on Route 80 at Route 113 Junction (PM 42.84). Upgrade drainage pump plants.	1K510 2023-24	R/W: \$89 Con: \$4,483	PA&ED: \$1,091 PS&E: \$1,787 R/W Sup: \$155 Con Sup: \$2,028	20-21 22-23 22-23 23-24	PA&ED: 10/31/2022 R/W Cert: 5/30/2024 RTL: 6/7/2024 Begin Con: 1/30/2025
New			Subtotal: \$4,572 Total Project Cost:	\$5,061 \$9,633		

Program 201.151 Drainage System Restoration
Project Output(s) 4 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4.0	4.0	Pump plant(s) (ea)
Post Condition	4.0	0.0	0.0	4.0	Pump plant(s) (ea)

MOBILITY

04-Alameda-Var 1457C 0417000174	In various counties on various routes at various locations. Replace obsolete electronic components in existing Closed Circuit Television (CCTV) camera systems.	3K510 2022-23	R/W: \$15 Con: \$15,960	PA&ED: \$360 PS&E: \$1,075 R/W Sup: \$15 Con Sup: \$2,700	20-21 20-21 20-21 22-23	PA&ED: 4/1/2021 R/W Cert: 9/1/2022 RTL: 10/1/2022 Begin Con: 6/15/2023
New			Subtotal: \$15,975 Total Project Cost:	\$4,150 \$20,125		

Program 201.315 Transportation Management Systems
Project Output(s) 138 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	138	Field element(s)
Post Condition	100.0%		0.0%	138	Field element(s)

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-Var 2028B 0419000023 New	In various counties on various routes at various locations. Replace obsolete electronic components in existing Closed Circuit Television (CCTV) camera systems.	2Q540 2023-24	R/W: \$15 Con: \$16,650	PA&ED: \$365 PS&E: \$1,120 R/W Sup: \$15 Con Sup: \$2,700	20-21 21-22 21-22 23-24	PA&ED: 8/1/2021 R/W Cert: 7/1/2023 RTL: 8/1/2023 Begin Con: 4/15/2024
			Subtotal: \$16,665	\$4,200		
			Total Project Cost:	\$20,865		

Program 201.315 Transportation Management Systems
Project Output(s) 147 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	147	Field element(s)
Post Condition	100.0%		0.0%	147	Field element(s)

04-Alameda-80 2.0/8.0 0064A 0414000106 New	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.	15500 2022-23	R/W: \$320 Con: \$93,346	PA&ED: \$6,200 PS&E: \$6,200 R/W Sup: \$121 Con Sup: \$11,009	20-21 20-21 22-23	PA&ED: 9/1/2022 R/W Cert: 9/1/2022 RTL: 10/1/2022 Begin Con: 5/1/2023
			Subtotal: \$93,666	\$17,330		
			Total Project Cost:	\$110,996		

SBI Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 8 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	1	Field element(s)
Post Condition	100.0%		0.0%	8	Field element(s)

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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04-Alameda-580 30.4/46.5 1493N 0416000099 New	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.	0K530 2023-24	R/W: \$85	PA&ED: \$4,627	20-21	PA&ED: 10/1/2022
			Con: \$36,991	PS&E: \$3,441	22-23	R/W Cert: 3/1/2024
				R/W Sup: \$514	22-23	RTL: 5/1/2024
				Con Sup: \$3,596	23-24	Begin Con: 11/1/2024
			Subtotal: \$37,076		\$12,178	
Total Project Cost:		\$49,254				

SBI Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 41 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	3	Field element(s)
Post Condition	100.0%		0.0%	41	Field element(s)

04-Alameda-880 2027J 0419000044 New	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.	2Q740 2022-23	R/W: \$63	PA&ED: \$2,155	20-21	PA&ED: 4/1/2022
			Con: \$78,761	PS&E: \$10,958	21-22	R/W Cert: 4/30/2023
				R/W Sup: \$141	21-22	RTL: 5/31/2023
				Con Sup: \$11,071	22-23	Begin Con: 2/4/2024
			Subtotal: \$78,824		\$24,325	
Total Project Cost:		\$103,149				

SBI Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 84 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	8.0%		92.0%	24	Field element(s)
Post Condition	100.0%		0.0%	84	Field element(s)

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-980 1488Z 0417000136 New	In various counties on various routes at various locations. Upgrade controllers in vehicle detection and traffic signal systems.	3K360 2022-23	R/W: \$15 Con: \$7,300	PA&ED: \$160 PS&E: \$490 R/W Sup: \$15 Con Sup: \$1,240	20-21 20-21 20-21 22-23	PA&ED: 4/1/2021 R/W Cert: 9/1/2022 RTL: 10/1/2022 Begin Con: 6/15/2023
			Subtotal: \$7,315	\$1,905		
			Total Project Cost:	\$9,220		

Program 201.315 Transportation Management Systems
Project Output(s) 0 Field element(s)

ROADSIDE PRESERVATION

04-Alameda-238 16.3/16.7 1453H 0417000023 Carryover	In San Leandro, from Hesperian Boulevard to Route 880 (PM 16.3/16.696); also on Route 580, from 0.2 mile east of San Pablo Avenue to San Pablo Avenue (PM 45.5/45.7); and in Solano County, on Route 80 in Vallejo at Redwood Parkway (PM 4.0/4.5). Highway planting and irrigation system rehabilitation.	2K790 2020-21	R/W: \$10 Con: \$2,530	PA&ED: \$600 PS&E: \$420 R/W Sup: \$50 Con Sup: \$510	Prior Prior Prior 20-21	PA&ED: 10/15/2019 R/W Cert: 11/16/2020 RTL: 1/14/2021 Begin Con: 8/16/2021
			Subtotal: \$2,540	\$1,580		
			Total Project Cost:	\$4,120		

Program 201.210 Highway Planting Restoration
Project Output(s) 8.2 Acre(s)

Alameda County			
R/W:	\$5,973	PA&ED:	\$47,837
Const:	\$598,780	PS&E:	\$73,935
		R/W Sup:	\$6,565
		Con Sup:	\$94,500
Subtotal:		\$604,753	\$222,837
Total (Capital + Support):			\$827,590

V4.0 2020 SHOPP Project List
Alpine
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

10-Alpine-4 R0.0/31.7 1044 1018000271	Near Bear Valley, from Calaveras County line to Route 89; also on Route 89 at 0.9 mile north of Route 4 (PM 10.84). Rehabilitate pavement, replace guardrail and signs, place Rock Slope Protection (RSP), rehabilitate drainage systems, and enhance highway worker safety.	0J720 2023-24	R/W: \$575 * Con: \$37,000	PA&ED: \$2,213 PS&E: \$2,196 R/W Sup: \$1,076 * Con Sup: \$4,887	20-21 21-22 21-22 23-24	PA&ED: 6/9/2022 R/W Cert: 5/23/2024 RTL: 6/20/2024 Begin Con: 2/10/2025
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Subtotal: \$37,575 \$10,372
Total Project Cost: \$47,947
** Construction Capital and * Construction Support phases are NOT authorized*
SBI Baseline Agreement Required
Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 63.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	61.7	1.7	63.4	Lane mile(s)
Post Condition	63.4	0.0	0.0	63.4	Lane mile(s)

MOBILITY

10-Alpine-88 2.0/25.0 3436 1018000275	Near Kirkwood, on Routes 88, 4, and 89 in Alpine, Amador, and El Dorado Counties at various locations. Install new Transportation Management System (TMS) elements and construct Maintenance Vehicle Pullouts (MPVs).	1G020 2023-24	R/W: \$820 Con: \$23,440	PA&ED: \$2,094 PS&E: \$2,589 R/W Sup: \$1,073 Con Sup: \$3,592	20-21 21-22 21-22 23-24	PA&ED: 3/18/2022 R/W Cert: 3/25/2024 RTL: 4/24/2024 Begin Con: 10/22/2024
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Subtotal: \$24,260 \$9,348
Total Project Cost: \$33,608
Program 201.315 Transportation Management Systems
Project Output(s) 72 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	14	Field element(s)
Post Condition	100.0%		0.0%	72	Field element(s)

V4.0 2020 SHOPP Project List
Alpine
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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FACILITIES

10-Alpine-88	Near Kirkwood, at the Caples Lake	1H560	R/W: \$26	PA&ED: \$853	20-21	PA&ED: 3/1/2022
1.9	Maintenance Station. Reconstruct a	2023-24	Con: \$24,948	PS&E: \$2,526	21-22	R/W Cert: 4/15/2024
3433	dormitory and sand shed structures,			R/W Sup: \$50	21-22	RTL: 5/13/2024
1017000184	and rehabilitate a generator building.			Con Sup: \$4,148	23-24	Begin Con: 12/11/2024
			Subtotal: \$24,974	\$7,577		
			Total Project Cost:	\$32,551		

New

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	22,032.0	22,032.0	Square feet
Post Condition	22,032.0	0.0	0.0	22,032.0	Square feet

Alpine County

R/W:	\$1,421	PA&ED:	\$5,160
Const:	\$85,388	PS&E:	\$7,311
		R/W Sup:	\$2,199
		Con Sup:	\$12,627
Subtotal:	\$86,809		\$27,297
Total (Capital + Support):			\$114,106

V4.0 2020 SHOPP Project List
Amador
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

10-Amador-88	Near Jackson, from 0.5 mile east of	1C360	R/W: \$10	PA&ED: \$536	Prior	PA&ED: 7/1/2020
7.9/R65.8	Route 104 to 5.5 miles west of	2020-21	Con: \$2,613	PS&E: \$851	20-21	R/W Cert: 4/1/2021
3199	Kirkwood Meadows Road at various			R/W Sup:		RTL: 4/15/2021
1016000136	locations. Upgrade guardrail to			Con Sup: \$711	20-21	Begin Con: 11/1/2021
	make standard.					
			Subtotal: \$2,623		\$2,098	
<i>Carryover</i>			Total Project Cost:		\$4,721	

Program 201.015 Collision Severity Reduction
Project Output(s) 4 Collision(s) reduced

BRIDGE PRESERVATION

10-Amador-49	Near Jackson, at Mokelumne River	0X752	R/W: \$58	PA&ED: \$1,590	Prior	PA&ED: 7/2/2020
0.0	Bridge No. 26-0012. Upgrade bridge	2021-22	Con: \$4,254	PS&E: \$2,010	20-21	R/W Cert: 4/28/2022
3219	rails and widen shoulders.			R/W Sup: \$135	20-21	RTL: 5/2/2022
1017000004				Con Sup: \$2,055	21-22	Begin Con: 12/27/2022
			Subtotal: \$4,312		\$5,790	
<i>Carryover</i>			Total Project Cost:		\$10,102	

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 810.0 Linear feet
1 Bridge(s)

Primary Asset

(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	810.0	810.0	Linear feet rail
Post Condition	810.0	0.0	0.0	810.0	Linear feet rail

Bridge Health

Existing Condition Post Condition

Bridge No. 26-0012	Fair	Good
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V4.0 2020 SHOPP Project List
Amador
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

10-Amador-88 5.5/14.3 0167 1017000171	Near Martell, from Route 124 to Route 49. Rehabilitate pavement, modify traffic signals, upgrade guardrail, and rehabilitate drainage systems.	0Q210 2023-24	R/W: \$126 Con: \$11,516	PA&ED: \$980 PS&E: \$1,708 R/W Sup: \$104 Con Sup: \$1,674	20-21 21-22 21-22 23-24	PA&ED: 3/10/2022 R/W Cert: 5/10/2024 RTL: 5/31/2024 Begin Con: 12/24/2024
			Subtotal: \$11,642	\$4,466		
New			Total Project Cost:	\$16,108		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 19.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	19.6	0.1	19.7	Lane mile(s)
Post Condition	19.7	0.0	0.0	19.7	Lane mile(s)

10-Amador-88 R54.7/R60.8 2680 1012000002	Near Kirkwood, from west of Foster Meadow Road to 1.1 miles east of Shot Rock Vista Point. Rehabilitate pavement, upgrade guardrail, replace signs, rehabilitate culverts, and construct rumble strips.	0K130 2023-24	R/W: \$1,165 Con: \$17,510	PA&ED: \$1,653 PS&E: \$2,035 R/W Sup: \$34 Con Sup: \$2,647	20-21 21-22 21-22 23-24	PA&ED: 4/19/2022 R/W Cert: 10/19/2023 RTL: 11/17/2023 Begin Con: 5/17/2024
			Subtotal: \$18,675	\$6,369		
New			Total Project Cost:	\$25,044		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.1	13.9	14.0	Lane mile(s)
Post Condition	14.0	0.0	0.0	14.0	Lane mile(s)

Amador County

R/W:	\$1,359	PA&ED:	\$4,759
Const:	\$35,893	PS&E:	\$6,604
		R/W Sup:	\$273
		Con Sup:	\$7,087

Subtotal: \$37,252 \$18,723
Total (Capital + Support): \$55,975

V4.0 2020 SHOPP Project List
Butte
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

03-Butte-70	Near Paradise, from 0.8 mile west to	3H540	R/W: \$2,120	PA&ED: \$1,700	Prior	PA&ED: 1/15/2020
46.0/47.0	0.2 mile east of Shady Rest Area.	2020-21	Con: \$43,846	PS&E: \$4,200	Prior	R/W Cert: 11/20/2020
2293	Restore and repair damaged roadway by raising the existing vertical alignment by approximately five feet and protecting the embankment against future flooding with Rock Slope Protection (RSP) or a retaining structure.			R/W Sup: \$400	Prior	RTL: 12/5/2020
0318000012				Con Sup: \$6,600	20-21	Begin Con: 3/15/2021
<i>Carryover</i>			Subtotal: \$45,966	\$12,900		
			Total Project Cost:	\$58,866		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

03-Butte-32	Near Chico, from Gianella Road to	4H880	R/W: \$3,200	PA&ED: \$1,200	Prior	PA&ED: 1/17/2021
0.3/5.0	Muir Avenue. Install lighting, widen	2021-22	Con: \$13,400	PS&E: \$2,000	20-21	R/W Cert: 2/11/2022
2116	shoulders, upgrade end treatments at bridge approaches, and rehabilitate culverts.			R/W Sup: \$350	20-21	RTL: 2/26/2022
0319000071				Con Sup: \$1,700	21-22	Begin Con: 7/22/2022
<i>Carryover</i>			Subtotal: \$16,600	\$5,250		
			Total Project Cost:	\$21,850		

Program 201.010 Safety Improvements
Project Output(s) 20 Collision(s) reduced

V4.0 2020 SHOPP Project List
Butte
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Butte-70 0.0/3.8 2296 0318000102	Near Oroville, from Yuba County line to south of East Gridley Road/Stimpson Road; also in Yuba County on Route 70 from PM 25.7 to PM 25.8. Widen for two-way left-turn lane and standard shoulders.	3H930 2021-22	R/W: \$3,218 Con: \$28,750	PA&ED: \$3,400 PS&E: \$3,000 R/W Sup: \$2,500 Con Sup: \$3,200	Prior Prior Prior 21-22	PA&ED: 12/1/2019 R/W Cert: 9/25/2020 RTL: 10/6/2020 Begin Con: 3/5/2021
Carryover			Subtotal: \$31,968	\$12,100		
			Total Project Cost:	\$44,068		

SBI Baseline Agreement Required

Program 201.010 Safety Improvements
Project Output(s) 35 Collision(s) reduced

ROADWAY PRESERVATION

03-Butte-32 5.0/10.2 2115 0319000046	In and near Chico, from Muir Avenue to Route 99 (PM 5.0/10.2L/R). Rehabilitate pavement, install signals and lighting, upgrade Transportation Management System (TMS) elements, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	4H760 2022-23	R/W: \$800 Con: \$24,900	PA&ED: \$2,000 PS&E: \$1,500 R/W Sup: \$1,500 Con Sup: \$2,500	20-21 21-22 21-22 22-23	PA&ED: 1/20/2022 R/W Cert: 5/31/2023 RTL: 6/15/2023 Begin Con: 11/24/2023
New			Subtotal: \$25,700	\$7,500		
			Total Project Cost:	\$33,200		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.8	15.0	1.8	18.6	Lane mile(s)
Post Condition	18.6	0.0	0.0	18.6	Lane mile(s)

V4.0 2020 SHOPP Project List
Butte
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Butte-99 R3.1/5.0 2435 0316000060	In and near Gridley, from Hollis Lane to north of Ford Avenue. Rehabilitate pavement, upgrade Transportation Management System (TMS) elements, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1H140 2023-24	R/W: \$600 Con: \$11,700	PA&ED: \$650 PS&E: \$1,180 R/W Sup: \$510 Con Sup: \$1,480	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 12/15/2023 RTL: 1/10/2024 Begin Con: 5/29/2024
New			Subtotal: \$12,300	\$3,820		
			Total Project Cost:	\$16,120		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 6.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.1	6.7	0.0	6.8	Lane mile(s)
Post Condition	6.8	0.0	0.0	6.8	Lane mile(s)

MOBILITY

03-Butte-99 29.3/T37.8 2437 0317000010	In and near Chico, from Southgate Avenue to Garner Lane. Install Traffic Management System (TMS) elements.	1H860 2020-21	R/W: \$35 Con: \$8,470	PA&ED: \$561 PS&E: \$1,177 R/W Sup: \$41 Con Sup: \$1,352	Prior Prior Prior 20-21	PA&ED: 8/12/2019 R/W Cert: 9/15/2020 RTL: 10/1/2020 Begin Con: 2/25/2021
Carryover			Subtotal: \$8,505	\$3,131		
			Total Project Cost:	\$11,636		

Program 201.315 Transportation Management Systems
Project Output(s) 3.6 Mile(s) of cable

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0.0	Mile(s) of cable
Post Condition	100.0%		0.0%	3.6	Mile(s) of cable

Butte County

R/W:	\$9,973	PA&ED:	\$9,511
Const:	\$131,066	PS&E:	\$13,057
		R/W Sup:	\$5,301
		Con Sup:	\$16,832
Subtotal:	\$141,039		\$44,701
Total (Capital + Support):			\$185,740

**V4.0 2020 SHOPP Project List
Calaveras
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

10-Calaveras-26 21.4/38.3 3132 1013000264	Near Mokelumne Hill and West Point, at various locations from 5.4 miles west of Ridge Road to the Amador County line. Stabilize failing and eroded slopes.	0V480 2021-22	R/W: \$1,817 Con: \$10,548	PA&ED: \$1,323 PS&E: \$1,978 R/W Sup: \$31 Con Sup: \$3,242	Prior 20-21 20-21 21-22	PA&ED: 8/1/2020 R/W Cert: 6/1/2022 RTL: 6/1/2022 Begin Con: 1/2/2023
<i>Carryover</i>			Subtotal: \$12,365	\$6,574		
			Total Project Cost:	\$18,939		

Program 201.131 Permanent Restoration
Project Output(s) 26 Location(s)

MANDATES

10-Calaveras-49 7.4/9.5 3429 1018000277	In Angels Camp, on Main Street from north of Brunner Hill Road to Pine Street. Upgrade facilities to Americans with Disabilities Act (ADA) standards.	1H700 2023-24	R/W: \$310 Con: \$3,268	PA&ED: \$1,417 PS&E: \$1,508 R/W Sup: \$2,571 Con Sup: \$1,120	20-21 21-22 21-22 23-24	PA&ED: 11/16/2021 R/W Cert: 3/1/2024 RTL: 3/29/2024 Begin Con: 10/15/2024
<i>New</i>			Subtotal: \$3,578	\$6,616		
			Total Project Cost:	\$10,194		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 30 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	30.0	30.0	Each
Post Condition	30.0	0.0	0.0	30.0	Each

V4.0 2020 SHOPP Project List
Calaveras
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Calaveras-49 18.7/20.2 3435 1018000013	Near San Andreas, from south of Toyanza Street to north of Pool Station Road. Upgrade facilities to Americans with Disabilities Act (ADA) standards.	1G270 2023-24	R/W: \$448 Con: \$8,911	PA&ED: \$1,922 PS&E: \$2,126 R/W Sup: \$1,235 Con Sup: \$1,998	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 12/12/2023 RTL: 1/9/2024 Begin Con: 8/8/2024
<i>New</i>			Subtotal: \$9,359	\$7,281		
			Total Project Cost:	\$16,640		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 32 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	32.0	32.0	Each
Post Condition	32.0	0.0	0.0	32.0	Each

BRIDGE PRESERVATION

10-Calaveras-4 16.1 3255 1017000154	Near Angels Camp, at West Branch Cherokee Creek Bridge No. 30-0036. Replace bridge.	1H500 2021-22	R/W: \$278 Con: \$2,000	PA&ED: \$605 PS&E: \$1,392 R/W Sup: \$103 Con Sup: \$1,241	Prior Prior Prior 21-22	PA&ED: 12/27/2019 R/W Cert: 10/19/2021 RTL: 11/29/2021 Begin Con: 6/18/2022
<i>Carryover</i>			Subtotal: \$2,278	\$3,341		
			Total Project Cost:	\$5,619		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	926.0	463.0	463.0	1,852.0	Square feet
Post Condition	1,852.0	0.0	0.0	1,852.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 30-0036	Fair	Good

V4.0 2020 SHOPP Project List
Calaveras
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Calaveras-12 17.3 3288 1013000008	Near San Andreas, at North Fork Calaveras Creek Bridge No. 30-0007. Replace bridge.	0X740 2023-24	R/W: \$145 Con: \$8,557	PA&ED: \$1,072 PS&E: \$2,093 R/W Sup: \$90 Con Sup: \$2,293	20-21 21-22 21-22 23-24	PA&ED: 4/29/2022 R/W Cert: 3/15/2024 RTL: 4/8/2024 Begin Con: 10/31/2024
New			Subtotal: \$8,702	\$5,548		
			Total Project Cost:	\$14,250		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset (Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	13,200.0	13,200.0	Square feet
Post Condition	13,200.0	0.0	0.0	13,200.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 30-0007	Fair	Good

10-Calaveras-26 3247 1015000128	Near West Point, at South Fork Mokelumne River Bridge No. 30-0022 (PM 30.0), and at North Fork Mokelumne River Bridge No. 30-0049 (PM 38.3); also on Route 4 in Angels Camp, at Angels Creek Bridge No. 30 -0008 (PM R21.4). Upgrade bridge railing at three structures, also seismic retrofit at one location.	0X751 2021-22	R/W: \$8 Con: \$4,536	PA&ED: \$757 PS&E: \$1,604 R/W Sup: \$60 Con Sup: \$1,540	Prior 20-21 20-21 21-22	PA&ED: 8/3/2020 R/W Cert: 8/2/2021 RTL: 9/3/2021 Begin Con: 3/22/2022
Carryover			Subtotal: \$4,544	\$3,961		
			Total Project Cost:	\$8,505		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 808.0 Linear feet
3 Bridge(s)

Primary Asset (Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	488.0	320.0	808.0	Linear feet rail
Post Condition	808.0	0.0	0.0	808.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 30-0008	Good	Good
Bridge No. 30-0022	Good	Good
Bridge No. 30-0049	Fair	Fair

V4.0 2020 SHOPP Project List
Calaveras
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

10-Calaveras-4 32.4/37.4 3409 1017000181	Near Forest Meadows, from 1.4 miles east of Forest Meadows Drive to Moran Road; also on Route 49 in Calaveras County (PM 5.78/16.98) and Tuolumne County (PM 12.64/17.17) at various locations. Rehabilitate drainage systems.	1G620 2023-24	R/W: \$418 Con: \$2,677	PA&ED: \$1,248 PS&E: \$987 R/W Sup: \$225 Con Sup: \$1,134	20-21 22-23 22-23 23-24	PA&ED: 7/2/2022 R/W Cert: 2/15/2024 RTL: 4/10/2024 Begin Con: 2/16/2025
<i>New</i>			Subtotal: \$3,095	\$3,594		
			Total Project Cost:	\$6,689		

Program 201.151 Drainage System Restoration
Project Output(s) 22 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,951.0	1,951.0	Linear feet
Post Condition	1,951.0	0.0	0.0	1,951.0	Linear feet

MULTIPLE OBJECTIVE

10-Calaveras-4 R10.3/16.4 3067A 1018000164	Near Copperopolis and Angels Camp, from 2.0 miles east of Main Street to Stallion Way. Realign roadway, implement safety features by improving shoulder width, and rehabilitate culverts. Financial Contribution Only (FCO) to the Calaveras Council of Governments (CCOG).	0E531 2020-21	R/W: Con: \$10,325	PA&ED: PS&E: R/W Sup: Con Sup:	PA&ED: 1/10/2017 R/W Cert: 7/1/2020 RTL: 7/31/2020 Begin Con: 3/1/2021
<i>Carryover</i>			Subtotal: \$10,325		
			Total Project Cost:	\$10,325	

Program 201.999 Multiple Objective
Project Output(s) 12.2 Centerline mile(s)

V4.0 2020 SHOPP Project List
Calaveras
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Calaveras County

			R/W:	\$3,424	PA&ED:	\$8,344
			Const:	\$50,822	PS&E:	\$11,688
					R/W Sup:	\$4,315
					Con Sup:	\$12,568
			Subtotal:	\$54,246		\$36,915
			Total (Capital + Support):			\$91,161

V4.0 2020 SHOPP Project List
Colusa
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

03-Colusa-20	Near Colusa, from Niagara Avenue to	0H650	R/W: \$4,700	PA&ED: \$860	Prior	PA&ED: 7/2/2020
34.8/36.5	0.3 mile west of Steidlmayer Road.	2021-22	Con: \$5,900	PS&E: \$1,120	20-21	R/W Cert: 3/1/2022
2951	Widen shoulders to 8 feet to provide			R/W Sup: \$580	20-21	RTL: 3/15/2022
0316000003	adequate recoverable space for			Con Sup: \$1,460	21-22	Begin Con: 9/1/2022
	errant vehicles.					
			Subtotal: \$10,600	\$4,020		
Carryover			Total Project Cost:	\$14,620		

Program 201.015 Collision Severity Reduction
Project Output(s) 14 Collision(s) reduced

Colusa County

R/W:	\$4,700	PA&ED:	\$860
Const:	\$5,900	PS&E:	\$1,120
		R/W Sup:	\$580
		Con Sup:	\$1,460
Subtotal:	\$10,600		\$4,020
Total (Capital + Support):			\$14,620

V4.0 2020 SHOPP Project List
Contra Costa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

04-Contra Costa-680	In Concord and Pleasant Hill, at Willow Pass Road Undercrossing No. 28-0178 and Concord Avenue	0Q780 2022-23	R/W: \$24 Con: \$2,119	PA&ED: \$608 PS&E: \$752 R/W Sup: \$66 Con Sup: \$807	Prior 21-22 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 1/5/2023 RTL: 1/16/2023 Begin Con: 8/1/2023
0418000152	Undercrossing No. 28-0190. Stabilize storm-damaged abutment slopes by paving with concrete.		Subtotal: \$2,143	\$2,233		
Carryover			Total Project Cost:	\$4,376		

Program 201.131 Permanent Restoration
Project Output(s) 2 Location(s)

COLLISION REDUCTION

04-Contra Costa-4	In and near Martinez, from East Hercules Underpass to west of Pine Street/Center Avenue. Install safety lighting and apply High Friction Surface Treatment (HFST).	3K440 2021-22	R/W: \$5 Con: \$7,870	PA&ED: \$920 PS&E: \$1,300 R/W Sup: \$41 Con Sup: \$1,579	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 5/2/2022 RTL: 6/1/2022 Begin Con: 3/1/2023
0417000161			Subtotal: \$7,875	\$3,840		
Carryover			Total Project Cost:	\$11,715		

Program 201.010 Safety Improvements
Project Output(s) 68 Collision(s) reduced

V4.0 2020 SHOPP Project List
Contra Costa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Contra Costa-80 0.0/13.5 1497F 0416000044	In various cities, from Alameda County line to 0.6 mile west of Solano County line; also in Alameda County in Albany, from 0.4 mile west to the Contra Costa County line (PM R7.6/8.0). Install lighting and upgrade concrete barrier.	0K160 2021-22	R/W: \$254 Con: \$52,621	PA&ED: \$6,869 PS&E: \$6,869 R/W Sup: \$1,374 Con Sup: \$7,327	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 1/1/2022 RTL: 4/1/2022 Begin Con: 10/1/2022
Carryover			Subtotal: \$52,875	\$22,439		
			Total Project Cost:	\$75,314		

SBI Baseline Agreement Required

Program 201.010 Safety Improvements
Project Output(s) 460 Collision(s) reduced

04-Contra Costa-4 1487N 0415000091	In Contra Costa County, on Routes 4, 24, 80, 123, 242, 580, and 680 at various locations. Install Accessible Pedestrian Signals (APS) systems and pedestrian countdown timers, and refresh crosswalk markings with high-visibility striping to enhance pedestrian safety.	3J140 2021-22	R/W: \$20 Con: \$7,487	PA&ED: \$1,108 PS&E: \$1,108 R/W Sup: \$80 Con Sup: \$1,400	Prior Prior Prior 21-22	PA&ED: 2/7/2020 R/W Cert: 9/1/2021 RTL: 9/16/2021 Begin Con: 5/10/2022
Carryover			Subtotal: \$7,507	\$3,696		
			Total Project Cost:	\$11,203		

Program 201.015 Collision Severity Reduction
Project Output(s) 10 Collision(s) reduced

V4.0 2020 SHOPP Project List
Contra Costa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Contra Costa-4 0.0/R20.4 0481U 041400004	In and near Hercules, Martinez, and Concord, at various locations from Route 80 to 0.3 mile east of Bailey Road. Upgrade guardrail to make standard.	0J480 2021-22	R/W: \$10 Con: \$12,400	PA&ED: \$1,000 PS&E: \$1,400 R/W Sup: \$52 Con Sup: \$1,500	Prior Prior 20-21 21-22	PA&ED: 2/3/2020 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 4/1/2022
Carryover			Subtotal: \$12,410	\$3,952		
			Total Project Cost:	\$16,362		

Program 201.015 Collision Severity Reduction
Project Output(s) 17 Collision(s) reduced

04-Contra Costa-4 R31.0/48.2 1492H 0416000026	In and near Antioch and Brentwood, from 0.6 mile east of Route 160 to Old River Bridge. Construct and modify Maintenance Vehicle Pullouts (MVPs) to improve highway worker safety.	4J950 2021-22	R/W: \$72 Con: \$1,234	PA&ED: \$928 PS&E: \$663 R/W Sup: \$40 Con Sup: \$530	Prior 20-21 21-22 21-22	PA&ED: 11/2/2020 R/W Cert: 2/1/2022 RTL: 3/1/2022 Begin Con: 10/3/2022
Carryover			Subtotal: \$1,306	\$2,161		
			Total Project Cost:	\$3,467		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 15 Location(s)

V4.0 2020 SHOPP Project List
Contra Costa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

04-Contra Costa-4 0.0/25.0 2020D 0418000050	In and near Hercules, Martinez, Concord, and Pittsburg, from San Pablo Avenue to Century Boulevard Undercrossing at various locations. Construct permanent Best Management Practices (BMPs) to achieve Statewide National Pollution Discharge Elimination System (NPDES) permit compliance units for trash capture.	0Q200	R/W: \$184	PA&ED: \$1,057	20-21	PA&ED: 3/1/2022
		2023-24	Con: \$4,630	PS&E: \$1,796	21-22	R/W Cert: 7/7/2023
				R/W Sup: \$11	21-22	RTL: 8/1/2023
				Con Sup: \$2,290	23-24	Begin Con: 2/21/2024
		Subtotal:	\$4,814	\$5,154		
		Total Project Cost:		\$9,968		

Program 201.335 Storm Water Mitigation
Project Output(s) 17.0 Acre(s) treated/pollutant

04-Contra Costa-80 0.0/11.0 2020E 0418000051	In and near Richmond, San Pablo, Pinole, and Hercules, from Alameda County line to east of Willow Avenue at various locations. Construct permanent Best Management Practices (BMPs) to achieve Statewide National Pollution Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	0Q210	R/W: \$173	PA&ED: \$1,169	20-21	PA&ED: 10/1/2021
		2022-23	Con: \$7,750	PS&E: \$1,810	21-22	R/W Cert: 2/1/2023
				R/W Sup: \$82	21-22	RTL: 3/1/2023
				Con Sup: \$2,380	22-23	Begin Con: 11/1/2023
		Subtotal:	\$7,923	\$5,441		
		Total Project Cost:		\$13,364		

Program 201.335 Storm Water Mitigation
Project Output(s) 74.1 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Contra Costa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Contra Costa-680 R0.0/24.0 2026E 0419000034	In and near various cities, from Alameda County line to south of Waterfront Road/Marina Vista Avenue at various locations. Construct permanent Best Management Practices (BMPs) to achieve Statewide National Pollution Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	2Q650 2023-24	R/W: \$66 Con: \$13,899	PA&ED: \$1,565 PS&E: \$2,213 R/W Sup: \$35 Con Sup: \$3,978	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 11/1/2023 RTL: 12/1/2023 Begin Con: 7/1/2024
New			Subtotal: \$13,965 Total Project Cost:	\$7,791 \$21,756		
				Program 201.335 Storm Water Mitigation		
				Project Output(s) 309.4 Acre(s) treated/pollutant		

BRIDGE PRESERVATION

04-Contra Costa-80 7.6/12.8 2022K 0418000027	In Pinole and Hercules, at Appian Way Overcrossing No. 28-0146R (PM 7.60) and Cummings Skyway Overcrossing No. 28-0149 (PM 12.75). Upgrade bridge rails and widen bridges to comply with Americans with Disabilities Act (ADA) standards.	0P930 2023-24	R/W: \$37 Con: \$15,528	PA&ED: \$1,870 PS&E: \$2,904 R/W Sup: \$17 Con Sup: \$4,256	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 2/2/2024 RTL: 3/29/2024 Begin Con: 11/1/2024
New			Subtotal: \$15,565 Total Project Cost:	\$9,047 \$24,612		
				Program 201.112 Bridge Rail Replacement and Upgrade		
				Project Output(s) 1,294.0 Linear feet 2 Bridge(s)		

Primary Asset

(Bridge Rail)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	1,294.0	1,294.0	Linear feet rail
Post Condition	1,294.0	0.0	0.0	1,294.0	Linear feet rail

Bridge Health

	Existing Condition	Post Condition
Bridge No. 28-0146R	Fair	Fair
Bridge No. 28-0149	Fair	Fair

V4.0 2020 SHOPP Project List
Contra Costa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Contra Costa-24 R3.5 1493A 0416000027	In Orinda, at St. Stephens Drive Overcrossing No. 28-0111. Seismic retrofit.	4J840 2021-22	R/W: \$38 Con: \$2,067	PA&ED: \$925 PS&E: \$1,175 R/W Sup: \$175 Con Sup: \$375	Prior Prior Prior 21-22	PA&ED: 4/13/2020 R/W Cert: 1/4/2022 RTL: 2/21/2022 Begin Con: 12/12/2022
			Subtotal: \$2,105	\$2,650		
Carryover			Total Project Cost:	\$4,755		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	13,982.0	13,982.0	Square feet
Post Condition	13,982.0	0.0	0.0	13,982.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 28-0111	Good	Good

ROADWAY PRESERVATION

04-Contra Costa-4 L0.0/R14.3 2027F 0419000040	In and near Hercules, Martinez, and Concord, from San Pablo Avenue to east of Peralta Road Undercrossing. Rehabilitate roadway, upgrade guardrail and signs, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2Q700 2022-23	R/W: \$29 Con: \$45,024	PA&ED: \$3,324 PS&E: \$4,538 R/W Sup: \$917 Con Sup: \$6,228	20-21 21-22 21-22 22-23	PA&ED: 5/13/2022 R/W Cert: 5/26/2023 RTL: 6/15/2023 Begin Con: 3/15/2024
			Subtotal: \$45,053	\$15,007		
New			Total Project Cost:	\$60,060		

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 62.0 Lane mile(s)

Primary Asset

	Good	Fair	Poor	Quantity	Unit
Existing Condition	6.4	54.8	0.8	62.0	Lane mile(s)
Post Condition	62.0	0.0	0.0	62.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Contra Costa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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04-Contra Costa-4 R14.3/24.3 1462R 0417000014	In and near Concord and Pittsburg, from Route 242 to Loveridge Road. Rehabilitate pavement, upgrade curb ramps to make Americans with Disabilities Act (ADA) compliant and upgrade guardrail to make standard.	2K720 2021-22	R/W: \$93	PA&ED: \$2,720	Prior 20-21 20-21 21-22	PA&ED: 6/1/2020 R/W Cert: 5/2/2022 RTL: 6/1/2022 Begin Con: 12/1/2022
			* Con: \$55,281	PS&E: \$6,400		
Carryover	(G13 Contingency)		Subtotal: \$55,374	\$18,220		
			Total Project Cost:	\$73,594		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 95.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2.5	87.2	5.3	95.0	Lane mile(s)
Post Condition	95.0	0.0	0.0	95.0	Lane mile(s)

04-Contra Costa-80 10.1/13.5 1487E 0415000077	In and near Hercules, Rodeo, and Crocket, from Route 4 to the Carquinez Bridge. Roadway rehabilitation.	3J070 2021-22	R/W: \$28	PA&ED: \$3,083	Prior Prior Prior 21-22	PA&ED: 4/15/2020 R/W Cert: 12/1/2021 RTL: 2/1/2022 Begin Con: 11/15/2022
			* Con: \$61,317	PS&E: \$4,624		
Carryover	(G13 Contingency)		Subtotal: \$61,345	\$15,414		
			Total Project Cost:	\$76,759		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 21.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.4	17.6	3.9	21.9	Lane mile(s)
Post Condition	21.9	0.0	0.0	21.9	Lane mile(s)

V4.0 2020 SHOPP Project List
Contra Costa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones	
					FY	FY		
04-Contra Costa-24 R4.3 1452G 0414000534 New	In Lafayette, at the southbound offramp to Acalanes Road. Rehabilitate drainage system and repair sinkhole.	2J580 2022-23	R/W:	\$6	PA&ED:	\$403	20-21	PA&ED: 10/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 9/1/2023
			Con:	\$1,363	PS&E:	\$543	21-22	
					R/W Sup:	\$53	21-22	
					Con Sup:	\$665	22-23	
			Subtotal:	\$1,369		\$1,664		
			Total Project Cost:			\$3,033		

Program 201.151 Drainage System Restoration
Project Output(s) 3 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	255.0	255.0	Linear feet
Post Condition	255.0	0.0	0.0	255.0	Linear feet

MOBILITY

04-Contra Costa-680 2025C 0418000321 New	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.	1Q720 2023-24	R/W:	\$312	PA&ED:	\$5,475	20-21	PA&ED: 6/1/2022 R/W Cert: 2/1/2024 RTL: 3/1/2024 Begin Con: 9/1/2024
			Con:	\$100,331	PS&E:	\$9,620	21-22	
					R/W Sup:	\$632	21-22	
					Con Sup:	\$15,145	23-24	
			Subtotal:	\$100,643		\$30,872		
			Total Project Cost:			\$131,515		

SBI Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 133 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	67.0%		33.0%	3	Field element(s)
Post Condition	100.0%		0.0%	133	Field element(s)

Contra Costa County

R/W:	\$1,351	PA&ED:	\$33,024
Const:	\$390,921	PS&E:	\$47,715
		R/W Sup:	\$4,561
		Con Sup:	\$64,281

Subtotal: \$392,272 \$149,581
Total (Capital + Support): \$541,853

V4.0 2020 SHOPP Project List
Del Norte
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

01-Del Norte-101 21.2 1122 0116000137	Near Crescent City, at 0.2 mile north of Cushing Creek Viaduct. Restore roadway to pre-slide condition.	0G210 2020-21	R/W: \$18 Con: \$10,355	PA&ED: \$1,488 PS&E: \$2,276 R/W Sup: \$116 Con Sup: \$3,974	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 9/4/2020 RTL: 1/15/2021 Begin Con: 5/19/2021
			Subtotal: \$10,373	\$7,854		
<i>Carryover</i>			Total Project Cost:	\$18,227		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

BRIDGE PRESERVATION

01-Del Norte-101 35.8/36.5 0100V 0100000193	Near Crescent City from 0.3 mile south to 0.4 mile north of Smith River (Dr. Ernest M Fine Memorial) Bridge No. 01-0020. Replace bridge.	43640 2020-21	R/W: \$6,499 Con: \$50,448	PA&ED: \$10,942 PS&E: \$4,200 R/W Sup: \$650 Con Sup: \$12,250	Prior Prior Prior 20-21	PA&ED: 3/2/2020 R/W Cert: 4/1/2021 RTL: 4/19/2021 Begin Con: 9/1/2021
			Subtotal: \$56,947	\$28,042		
<i>Carryover</i>			Total Project Cost:	\$84,989		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	33,314.0	0.0	33,314.0	Square feet
Post Condition	52,275.0	0.0	0.0	52,275.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 01-0020	Fair	Good

V4.0 2020 SHOPP Project List
Del Norte
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Del Norte-101 8.2/8.7 1137M 0120000028	Near Klamath, at Panther Creek Bridge No. 01 -0025 and at Hunter Creek Bridge No. 01-0003. Environmental mitigation monitoring for project EA 0B090.	0B091 2021-22	R/W: \$5 Con: \$230	PA&ED: PS&E: R/W Sup: \$3 Con Sup: \$200	21-22 21-22	PA&ED: 7/5/2018 R/W Cert: 4/16/2019 RTL: 6/1/2022 Begin Con: 10/1/2022
<i>Carryover</i>			Subtotal: \$235	\$203		
			Total Project Cost:	\$438		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 0 Bridge(s)

ROADWAY PRESERVATION

01-Del Norte-199 1.1/2.6 1130 0119000028	Near Crescent City, at various locations from north of Elk Valley Cross Road to south of Walker Road. Culvert rehabilitation and fish passage.	48802 2020-21	R/W: \$88 Con: \$2,605	PA&ED: \$300 PS&E: \$480 R/W Sup: \$30 Con Sup: \$407	Prior Prior 20-21 20-21	PA&ED: 1/14/2020 R/W Cert: 1/8/2021 RTL: 1/21/2021 Begin Con: 5/6/2021
<i>Carryover</i>			Subtotal: \$2,693	\$1,217		
			Total Project Cost:	\$3,910		

Program 201.151 Drainage System Restoration
Project Output(s) 5 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	100.0	180.0	387.0	667.0	Linear feet
Post Condition	667.0	0.0	0.0	667.0	Linear feet

V4.0 2020 SHOPP Project List
Del Norte
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Del Norte-199 33.5/33.9 1115 0116000005 Carryover	Near the Oregon State line, from 0.1 mile to 0.5 mile north of Collier Safety Roadside Rest Area (SRRA). Upgrade lighting and power control system at the Randolph Collier Tunnel No. 01-0049.	0F430 2020-21	R/W: Con: \$2,082	PA&ED: \$355 PS&E: \$1,213 R/W Sup: \$86 Con Sup: \$949	Prior Prior Prior 20-21	PA&ED: 6/3/2019 R/W Cert: 10/14/2020 RTL: 11/13/2020 Begin Con: 2/5/2021
			Subtotal: \$2,082	\$2,603		
			Total Project Cost:	\$4,685		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 158 Lighting fixture(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	158.0	158.0	Each
Post Condition	158.0	0.0	0.0	158.0	Each

MOBILITY

01-Del Norte-101 R5.1/R5.6 1110 0115000094 Carryover	In Klamath, from 0.2 mile south to 0.3 mile north of Ehlers Way. Extend the left turn pocket, install acceleration lane for left turns, and extend acceleration lane for right turns at the intersection of Ehlers Way and Route 101.	0F240 2021-22	R/W: \$446 Con: \$1,581	PA&ED: \$697 PS&E: \$847 R/W Sup: \$15 Con Sup: \$649	Prior 20-21 20-21 21-22	PA&ED: 3/25/2020 R/W Cert: 9/27/2021 RTL: 10/15/2021 Begin Con: 2/8/2022
			Subtotal: \$2,027	\$2,208		
			Total Project Cost:	\$4,235		

Program 201.310 Operational Improvements
Project Output(s) 0.2 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Del Norte
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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FACILITIES

01-Del Norte-199	Near Gasquet, at the Idlewild	0F760	R/W: \$20	PA&ED: \$561	Prior	PA&ED: 6/1/2020
28.1	Maintenance Station. Construct new	2021-22	Con: \$3,960	PS&E: \$1,565	Prior	R/W Cert: 9/1/2021
1117	office space building, and			R/W Sup: \$43	Prior	RTL: 11/19/2021
0116000060	rehabilitate water system and septic			Con Sup: \$2,038	21-22	Begin Con: 3/23/2022
	system.					
			Subtotal: \$3,980	\$4,207		
Carryover			Total Project Cost:	\$8,187		

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,560.0	2,560.0	Square feet
Post Condition	5,235.0	0.0	0.0	5,235.0	Square feet

Del Norte County

R/W:	\$7,076	PA&ED:	\$14,343
Const:	\$71,261	PS&E:	\$10,581
		R/W Sup:	\$943
		Con Sup:	\$20,467
Subtotal:	\$78,337		\$46,334
Total (Capital + Support):			\$124,671

V4.0 2020 SHOPP Project List
El Dorado
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

03-El Dorado-50	In South Lake Tahoe, from Route 89 to	4H890	R/W: \$970	PA&ED: \$1,610	Prior	PA&ED: 2/5/2021
75.4/80.1	Park Avenue. Install lighting,	2022-23	Con: \$13,900	PS&E: \$1,470	20-21	R/W Cert: 6/1/2023
3469	pedestrian signals at mid-block			R/W Sup: \$2,720	20-21	RTL: 6/15/2023
0319000072	crossings, signs, and green bike lane			Con Sup: \$2,920	22-23	Begin Con: 10/12/2023
	treatment to improve safety for		Subtotal: \$14,870	\$8,720		
Carryover	pedestrians and bicyclists.		Total Project Cost:	\$23,590		

Program 201.010 Safety Improvements
Project Output(s) 13 Collision(s) reduced

03-El Dorado-50	In Yolo, Sacramento and El Dorado	1H870	R/W: \$5	PA&ED: \$271	Prior	PA&ED: 8/15/2019
0.0/70.6	Counties, in and near the cities of	2020-21	Con: \$2,000	PS&E: \$461	Prior	R/W Cert: 7/15/2020
3318	West Sacramento, Sacramento,			R/W Sup: \$129	Prior	RTL: 7/15/2020
0317000011	Rancho Cordova, Folsom, and			Con Sup: \$570	20-21	Begin Con: 2/15/2021
	Placerville, from Route 80 to Route 89		Subtotal: \$2,005	\$1,431		
Carryover	at various locations. Upgrade		Total Project Cost:	\$3,436		
	guardrail to make standard.					

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

V4.0 2020 SHOPP Project List
El Dorado
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

03-El Dorado-50	Near Cameron Park and Shingle Springs, from east of Silva Valley Parkway to west of El Dorado Road.	1H040 2021-22	R/W: \$180 Con: \$3,900	PA&ED: \$630 PS&E: \$570 R/W Sup: \$540 Con Sup: \$940	Prior Prior Prior 21-22	PA&ED: 1/18/2020 R/W Cert: 8/2/2021 RTL: 8/15/2021 Begin Con: 2/8/2022
0316000050	Rehabilitate culverts.					
<i>Carryover</i>				Subtotal: \$4,080	\$2,680	
				Total Project Cost:	\$6,760	

Program 201.151 Drainage System Restoration
Project Output(s) 28 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	177.1	1,455.2	3,279.3	4,911.6	Linear feet
Post Condition	4,911.6	0.0	0.0	4,911.6	Linear feet

03-El Dorado-50	In and near Placerville, from west of El Dorado Road to west of Schnell School Road. Rehabilitate deteriorated culverts.	1H800 2021-22	R/W: \$620 Con: \$3,000	PA&ED: \$200 PS&E: \$600 R/W Sup: \$120 Con Sup: \$960	Prior Prior Prior 21-22	PA&ED: 1/18/2020 R/W Cert: 8/2/2021 RTL: 8/15/2021 Begin Con: 2/8/2022
0317000003						
<i>Carryover</i>				Subtotal: \$3,620	\$1,880	
				Total Project Cost:	\$5,500	

Program 201.151 Drainage System Restoration
Project Output(s) 32 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	271.3	389.0	4,039.7	4,700.0	Linear feet
Post Condition	4,700.0	0.0	0.0	4,700.0	Linear feet

El Dorado County

R/W:	\$1,775	PA&ED:	\$2,711
Const:	\$22,800	PS&E:	\$3,101
		R/W Sup:	\$3,509
		Con Sup:	\$5,390
Subtotal:	\$24,575		\$14,711
Total (Capital + Support):			\$39,286

V4.0 2020 SHOPP Project List
Fresno
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

06-Fresno-41 M6.0/R20.1 6962 0618000194	Near Easton, from Elkhorn Avenue to North Avenue. Construct rumble strips.	0Y030 2020-21	R/W: \$10 Con: \$1,300	PA&ED: \$400 PS&E: \$700 R/W Sup: \$20 Con Sup: \$500	Prior Prior Prior 20-21	PA&ED: 10/7/2019 R/W Cert: 7/2/2020 RTL: 7/8/2020 Begin Con: 1/19/2021
			Subtotal: \$1,310	\$1,620		
<i>Carryover</i>			Total Project Cost:	\$2,930		

Program 201.010 Safety Improvements
Project Output(s) 11 Collision(s) reduced

06-Fresno-145 0.0/33.6 6975 0619000020	Near Kerman, from Route 5 to Church Avenue. Construct centerline and shoulder rumble strips.	0Y420 2021-22	R/W: \$20 Con: \$3,400	PA&ED: \$470 PS&E: \$940 R/W Sup: \$20 Con Sup: \$930	Prior 20-21 20-21 21-22	PA&ED: 8/3/2020 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 3/22/2022
			Subtotal: \$3,420	\$2,360		
<i>Carryover</i>			Total Project Cost:	\$5,780		

Program 201.010 Safety Improvements
Project Output(s) 23 Collision(s) reduced

V4.0 2020 SHOPP Project List
Fresno
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Fresno-41 R23.1/R31.7 7013 0618000138	In the city of Fresno, from Ventura Avenue Viaduct to Friant Road. Construct Maintenance Vehicle Pullouts (MVPs), access gates, relocate irrigation facilities, and pave beyond gore.	0X780 2022-23	R/W: \$14 Con: \$6,626	PA&ED: \$431 PS&E: \$1,187 R/W Sup: \$22 Con Sup: \$2,496	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 7/1/2022 RTL: 11/4/2022 Begin Con: 5/22/2023
New			Subtotal: \$6,640	\$4,136		
			Total Project Cost:	\$10,776		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 6 Location(s)

BRIDGE PRESERVATION

06-Fresno-33 6773 0615000296	In Fresno County, at Colony Main Canal Bridge No. 42-0031, Helm Canal Bridge No. 42-0033 and Poso Canal Bridge No. 42-0034; also in Kern County, on Route 58 at Main Drain Canal Bridge No. 50-0013. Repair erosion, clean and encase piers in concrete.	0U000 2020-21	R/W: \$630 Con: \$1,782	PA&ED: \$538 PS&E: \$893 R/W Sup: \$334 Con Sup: \$805	Prior Prior Prior 20-21	PA&ED: 4/15/2020 R/W Cert: 2/15/2021 RTL: 3/1/2021 Begin Con: 7/15/2021
Carryover			Subtotal: \$2,412	\$2,570		
			Total Project Cost:	\$4,982		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 4 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	7,438.0	9,063.0	16,501.0	Square feet
Post Condition	16,501.0	0.0	0.0	16,501.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 42-0031	Poor	Good
Bridge No. 42-0033	Poor	Good
Bridge No. 42-0034	Fair	Good
Bridge No. 50-0013	Poor	Good

V4.0 2020 SHOPP Project List
Fresno
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

06-Fresno-33 69.4/71.5 6972 0618000051	In and near Firebaugh, from Morris Kyle Drive to 0.6 mile north of Clyde Fannon Drive. Rehabilitate roadway, replace signs, install Transportation Management System (TMS) elements, upgrade guardrail, and rehabilitate drainage systems.	0X300 2023-24	R/W: \$260 Con: \$12,500	PA&ED: \$1,700 PS&E: \$2,100 R/W Sup: \$1 Con Sup: \$2,800	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 2/20/2024 RTL: 3/1/2024 Begin Con: 9/2/2024
			Subtotal: \$12,760	\$6,601		
New			Total Project Cost:	\$19,361		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 6.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	1.4	5.4	6.8	Lane mile(s)
Post Condition	6.8	0.0	0.0	6.8	Lane mile(s)

06-Fresno-99 21.2/24.4 6949 0617000306	In the city of Fresno, from south of El Dorado Street to Clinton Avenue. Rehabilitate roadway, repair or replace culverts, construct pumping plants, and remove or replace bridges.	0W800 2023-24	R/W: \$34,000 * Con: \$257,000	PA&ED: \$20,000 PS&E: \$18,000 R/W Sup: \$1,800 * Con Sup: \$36,500	Prior 21-22 21-22 23-24	PA&ED: 2/18/2022 R/W Cert: 4/15/2024 RTL: 4/30/2024 Begin Con: 11/27/2024
Carryover			Subtotal: \$291,000	\$76,300		
(G13 Contingency)			Total Project Cost:	\$367,300		

* Construction Capital and * Construction Support phases are NOT authorized
 SB1 Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 18.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2.2	16.7	0.0	18.9	Lane mile(s)
Post Condition	18.9	0.0	0.0	18.9	Lane mile(s)

V4.0 2020 SHOPP Project List
Fresno
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Fresno-5 37.2/48.8 6970 0618000048	Near Mendota, from north of Three Rocks Road to south of Panoche Road. Pavement rehabilitation, repair culverts and upgrade Transportation Management Systems (TMS) field elements. (G13 Contingency)	0X270 2021-22	R/W: \$300 * Con: \$35,900	PA&ED: \$2,000 PS&E: \$1,300 R/W Sup: \$10 * Con Sup: \$5,200	Prior 20-21 20-21 21-22	PA&ED: 1/15/2021 R/W Cert: 8/2/2021 RTL: 12/1/2021 Begin Con: 7/1/2022
Carryover			Subtotal: \$36,200	\$8,510		
			Total Project Cost:	\$44,710		

* Construction Capital and * Construction Support phases are NOT authorized
 SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 46.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	38.2	8.1	0.0	46.3	Lane mile(s)
Post Condition	46.3	0.0	0.0	46.3	Lane mile(s)

06-Fresno-5 60.1/66.2 6971 0618000049	Near Los Banos, from Shields Avenue to Merced County line (PM 66.159). Rehabilitate pavement, install Traffic Management System (TMS) elements, and upgrade signs, guardrail, and lighting.	0X280 2022-23	R/W: \$10 Con: \$16,000	PA&ED: \$1,491 PS&E: \$1,100 R/W Sup: \$19 Con Sup: \$2,130	20-21 21-22 21-22 22-23	PA&ED: 12/1/2021 R/W Cert: 9/1/2022 RTL: 11/16/2022 Begin Con: 6/2/2023
New			Subtotal: \$16,010	\$4,740		
			Total Project Cost:	\$20,750		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	12.1	12.1	0.0	24.2	Lane mile(s)
Post Condition	24.2	0.0	0.0	24.2	Lane mile(s)

V4.0 2020 SHOPP Project List
Fresno
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Fresno-145 20.2/26.1 6934 0618000052	Near Helm, from Kamm Avenue to Manning Avenue. Pavement rehabilitation.	0X310 2020-21	R/W: \$40 Con: \$8,200	PA&ED: \$820 PS&E: \$860 R/W Sup: \$30 Con Sup: \$2,100	Prior Prior Prior 20-21	PA&ED: 4/1/2020 R/W Cert: 12/22/2020 RTL: 1/22/2021 Begin Con: 6/28/2021
			Subtotal: \$8,240	\$3,810		
<i>Carryover</i>			Total Project Cost:	\$12,050		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 12.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.8	11.5	0.0	12.3	Lane mile(s)
Post Condition	12.3	0.0	0.0	12.3	Lane mile(s)

06-Fresno-198 6921 0618000015	In Fresno County, on Route 198 at various locations. Improve drainage facilities by repairing or replacing culverts.	0X060 2022-23	R/W: \$660 Con: \$14,900	PA&ED: \$3,000 PS&E: \$1,600 R/W Sup: \$1,600 Con Sup: \$2,800	Prior Prior Prior 22-23	PA&ED: 11/9/2020 R/W Cert: 1/13/2023 RTL: 2/15/2023 Begin Con: 9/11/2023
			Subtotal: \$15,560	\$9,000		
<i>Carryover</i>			Total Project Cost:	\$24,560		

Program 201.151 Drainage System Restoration
Project Output(s) 102 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	9,900.0	9,900.0	Linear feet
Post Condition	9,900.0	0.0	0.0	9,900.0	Linear feet

V4.0 2020 SHOPP Project List
Fresno
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

06-Fresno-41	Near Fresno, from the northbound	0W170	R/W: \$7	PA&ED: \$1,300	Prior	PA&ED: 11/15/2019
R27.6/R28.3 6879	Ashlan Avenue onramp to the	2021-22	Con: \$14,700	PS&E: \$2,400	Prior	R/W Cert: 8/5/2021
0617000103	northbound Shaw Avenue offramp.			R/W Sup: \$150	Prior	RTL: 9/7/2021
	Construct northbound auxiliary lane			Con Sup: \$4,400	21-22	Begin Con: 4/11/2022
	and add an additional lane to the		Subtotal: \$14,707	\$8,250		
Carryover	Shaw Avenue offramp.		Total Project Cost:	\$22,957		

Program 201.310 Operational Improvements
Project Output(s) 163.0 Daily vehicle hour(s) of delay (DVHD)

06-Fresno-Var	In Fresno, Kern, Kings, Madera, and	0W180	R/W: \$70	PA&ED: \$400	Prior	PA&ED: 9/2/2019
6923	Tulare Counties, at various locations.	2020-21	Con: \$4,500	PS&E: \$900	Prior	R/W Cert: 12/1/2020
0617000152	Repair Transportation Management			R/W Sup: \$10	Prior	RTL: 1/15/2021
	System (TMS) elements.			Con Sup: \$1,600	20-21	Begin Con: 7/6/2021
			Subtotal: \$4,570	\$2,910		
Carryover			Total Project Cost:	\$7,480		

Program 201.315 Transportation Management Systems
Project Output(s) 69 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	69	Field element(s)
Post Condition	100.0%		0.0%	69	Field element(s)

V4.0 2020 SHOPP Project List
Fresno
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Fresno-41 R20.0/33.4 6881 0616000234	In and near the city of Fresno, from 0.1 mile south of North Avenue to the Madera County line; also on Route 99 (PM 19.36/PM 21.9), Route 168 (PM R0.2L/R/PM R9.7), and Route 180 (PM R58.55/PM R59.85). Replace and upgrade existing communication elements for the Traffic Management System (TMS).	0V780 2020-21	R/W: \$30 Con: \$16,010	PA&ED: \$619 PS&E: \$1,809 R/W Sup: \$165 Con Sup: \$1,791	Prior Prior Prior 20-21	PA&ED: 12/10/2018 R/W Cert: 2/8/2021 RTL: 3/8/2021 Begin Con: 9/7/2021
Carryover			Subtotal: \$16,040	\$4,384		
			Total Project Cost:	\$20,424		

Program 201.315 Transportation Management Systems
Project Output(s) 89 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0	Field element(s)
Post Condition	100.0%		0.0%	89	Field element(s)

ROADSIDE PRESERVATION

06-Fresno-99 19.0/21.1 6922 0617000292	In the city of Fresno, from north of Jensen Avenue to north of Stanislaus Street Overcrossing; also on Routes 41, 168, and 180 at various locations. Upgrade existing irrigation system to use recycled water.	0W970 2023-24	R/W: \$20 Con: \$13,100	PA&ED: \$600 PS&E: \$1,000 R/W Sup: \$1 Con Sup: \$2,200	20-21 21-22 21-22 23-24	PA&ED: 7/30/2021 R/W Cert: 7/13/2023 RTL: 8/15/2023 Begin Con: 2/23/2024
New			Subtotal: \$13,120	\$3,801		
			Total Project Cost:	\$16,921		

Program 201.210 Highway Planting Restoration
Project Output(s) 57.0 Acre(s)

V4.0 2020 SHOPP Project List
Fresno
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Fresno-168 R0.0/R11.7 6851 0616000034	In Fresno and Clovis, at various locations between Route 180/168 Separation and Shepherd Avenue. Replace black potable water irrigation valves with purple scrubber valves for recycled irrigation water.	0U760 2020-21	R/W: \$2 Con: \$1,449	PA&ED: \$2 PS&E: \$524 R/W Sup: \$2 Con Sup: \$370	Prior Prior Prior 20-21	PA&ED: 9/17/2018 R/W Cert: 7/2/2020 RTL: 7/10/2020 Begin Con: 2/15/2021
Carryover			Subtotal: \$1,451	\$898		
			Total Project Cost:	\$2,349		

Program 201.210 Highway Planting Restoration
Project Output(s) 30.0 Acre(s)

FACILITIES

06-Fresno-99 23.3 6973 0618000065	In the city Fresno, at the West Avenue Maintenance Station at 1283 North West Avenue. Demolish two existing buildings and construct two new structures.	0X430 2023-24	R/W: \$10 Con: \$11,900	PA&ED: \$420 PS&E: \$1,800 R/W Sup: \$40 Con Sup: \$2,200	20-21 21-22 21-22 23-24	PA&ED: 10/4/2021 R/W Cert: 7/10/2023 RTL: 7/14/2023 Begin Con: 2/14/2024
New			Subtotal: \$11,910	\$4,460		
			Total Project Cost:	\$16,370		

Program 201.352 Maintenance Facilities
Project Output(s) 2 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	9,136.0	9,136.0	Square feet
Post Condition	12,960.0	0.0	0.0	12,960.0	Square feet

Fresno County

R/W: \$36,083	PA&ED: \$34,191
Const: \$419,267	PS&E: \$37,113
	R/W Sup: \$4,224
	Con Sup: \$68,822
Subtotal: \$455,350	\$144,350
Total (Capital + Support):	\$599,700

V4.0 2020 SHOPP Project List
Glenn
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

03-Glenn-5 R3.2/R27.9 3709 0313000019	In and near Willows and Orland, from north of County Road 68 to north of County Road 7. Pave beyond the gore areas, install vegetation control under guardrail, construct	3F500 2020-21	R/W: \$10 Con: \$2,000	PA&ED: \$280 PS&E: \$420 R/W Sup: \$80 Con Sup: \$540	Prior Prior Prior 20-21	PA&ED: 8/23/2019 R/W Cert: 7/2/2020 RTL: 8/3/2020 Begin Con: 1/15/2021
<i>Carryover</i>	Maintenance Vehicle Pullouts (MVPs), and trim trees and shrubs to improve highway worker safety.		Subtotal: \$2,010	\$1,320		
			Total Project Cost:	\$3,330		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 50 Location(s)

BRIDGE PRESERVATION

03-Glenn-162 76.3/78.6 2633 0312000052	At Butte City, from Route 45 to 0.1 mile east of McDougall Street. Replace Sacramento River Bridge No. 11-0017 and viaduct approach, and reconstruct east side roadway to conform with new structure.	3F060 2020-21	R/W: \$3,000 Con: \$85,000	PA&ED: \$5,500 PS&E: \$5,500 R/W Sup: \$1,400 Con Sup: \$10,000	Prior Prior Prior 20-21	PA&ED: 5/1/2019 R/W Cert: 2/15/2021 RTL: 3/1/2021 Begin Con: 7/31/2021
<i>Carryover</i>			Subtotal: \$88,000	\$22,400		
			Total Project Cost:	\$110,400		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	149,758.0	149,758.0	Square feet
Post Condition	193,071.0	0.0	0.0	193,071.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 11-0017	Fair	Good

V4.0 2020 SHOPP Project List
 Glenn
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Glenn County

R/W:	\$3,010	PA&ED:	\$5,780
Const:	\$87,000	PS&E:	\$5,920
		R/W Sup:	\$1,480
		Con Sup:	\$10,540
<hr/>			
Subtotal:	\$90,010		\$23,720
Total (Capital + Support):			\$113,730

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

01-Humboldt-36	Near Bridgeville, from Caltrans	0G921	R/W: \$12	PA&ED: \$1,473	Prior	PA&ED: 2/26/2021
25.4/26.0	Maintenance Station to 0.6 mile east	2022-23	Con: \$12,376	PS&E: \$1,476	20-21	R/W Cert: 6/4/2021
2488	of Caltrans Maintenance Station.			R/W Sup: \$60	20-21	RTL: 7/15/2022
0117000220	Construct soldier pile ground anchor			Con Sup: \$1,700	22-23	Begin Con: 12/12/2022
	wall to address the slide below the		Subtotal: \$12,388	\$4,709		
Carryover	roadway.		Total Project Cost:	\$17,097		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

01-Humboldt-96	Near Weitchpec, from 0.6 mile to 0.2	0H191	R/W: \$61	PA&ED: \$1,034	Prior	PA&ED: 1/18/2021
27.0/27.4	mile west of Bluff Creek Road.	2021-22	Con: \$6,197	PS&E: \$1,159	20-21	R/W Cert: 1/18/2022
2489	Restore roadway and stabilize slope			R/W Sup: \$63	20-21	RTL: 3/18/2022
0117000211	by constructing a retaining wall.			Con Sup: \$1,392	21-22	Begin Con: 7/20/2022
			Subtotal: \$6,258	\$3,648		
Carryover			Total Project Cost:	\$9,906		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-169 19.0/33.0 2501 0118000107	Near Pecwan and Weitchpec, from 3.4 miles east of Cappel Creek Bridge to 0.8 mile west of Route 96, at four locations. Reconstruct storm damaged roadway, construct retaining walls, and rehabilitate drainage systems.	0H021 2021-22	R/W: \$356 Con: \$4,993	PA&ED: \$1,595 PS&E: \$1,761 R/W Sup: \$168 Con Sup: \$1,397	Prior 20-21 20-21 21-22	PA&ED: 2/17/2021 R/W Cert: 2/17/2022 RTL: 2/28/2022 Begin Con: 7/20/2022
<i>Carryover</i>			Subtotal: \$5,349	\$4,921		
			Total Project Cost:	\$10,270		

Program 201.131 Permanent Restoration
Project Output(s) 4 Location(s)

01-Humboldt-254 4.4/4.6 2502 0118000110	Near Miranda, from 0.4 mile to 0.2 mile south of Maple Hills Road. Stabilize slope and existing roadway by constructing a retaining wall and improving drainage.	0H800 2022-23	R/W: \$35 Con: \$12,951	PA&ED: \$1,448 PS&E: \$1,242 R/W Sup: \$112 Con Sup: \$2,327	Prior 21-22 21-22 22-23	PA&ED: 8/17/2021 R/W Cert: 8/17/2022 RTL: 10/14/2022 Begin Con: 2/22/2023
<i>Carryover</i>			Subtotal: \$12,986	\$5,129		
			Total Project Cost:	\$18,115		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-299 R8.7/R9.2 2492 0117000214	Near Blue Lake, from 1.6 miles to 2.1 miles east of Blue Lake Boulevard; also from 0.1 mile to 0.4 mile east of North Fork Mad River Bridge (PM R11.1/R11.4). Repair and stabilize slopes by constructing retaining walls at two locations.	0H431 2021-22	R/W: \$51 Con: \$29,046	PA&ED: \$1,374 PS&E: \$1,578 R/W Sup: \$68 Con Sup: \$5,435	Prior 20-21 20-21 21-22	PA&ED: 12/1/2020 R/W Cert: 6/1/2021 RTL: 12/1/2021 Begin Con: 5/18/2022
Carryover			Subtotal: \$29,097	\$8,455		
			Total Project Cost:	\$37,552		

Program 201.131 Permanent Restoration
Project Output(s) 2 Location(s)

COLLISION REDUCTION

01-Humboldt-36 10.5/10.8 2415 0115000076	Near Carlotta, from 0.1 mile east of Riverside Park Road to 0.4 mile east of Riverside Park Road. Curve correction.	0F160 2020-21	R/W: \$312 Con: \$2,678	PA&ED: \$910 PS&E: \$946 R/W Sup: \$174 Con Sup: \$1,043	Prior 20-21 20-21 20-21	PA&ED: 8/1/2020 R/W Cert: 3/15/2021 RTL: 3/31/2021 Begin Con: 7/21/2021
Carryover			Subtotal: \$2,990	\$3,073		
			Total Project Cost:	\$6,063		

Program 201.010 Safety Improvements
Project Output(s) 20 Collision(s) reduced

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-101 77.9/79.5 2481 0117000128 Carryover	In Eureka, from Sixth Street to south of X Street. Improve curve and signs, construct bulb-outs, upgrade curb ramps, apply microsurfacing, and refresh pavement delineation.	0H200 2021-22	R/W: \$493 Con: \$5,563	PA&ED: \$1,265 PS&E: \$1,080 R/W Sup: \$717 Con Sup: \$1,421	Prior Prior Prior 21-22	PA&ED: 1/21/2020 R/W Cert: 7/14/2021 RTL: 8/1/2021 Begin Con: 12/22/2021
			Subtotal: \$6,056	\$4,483		
			Total Project Cost:	\$10,539		

Program 201.010 Safety Improvements
Project Output(s) 413 Collision(s) reduced

01-Humboldt-299 30.7/33.4 2522 0119000025 Carryover	Near Willow Creek, from 0.1 mile east of Cedar Creek Road to 0.2 mile east of East Fork Willow Creek Bridge. Widen shoulders and improve curves at three locations.	0J410 2021-22	R/W: \$89 Con: \$27,989	PA&ED: \$2,050 PS&E: \$2,839 R/W Sup: \$198 Con Sup: \$6,599	Prior 21-22 21-22 21-22	PA&ED: 7/15/2021 R/W Cert: 6/10/2022 RTL: 6/22/2022 Begin Con: 10/19/2022
			Subtotal: \$28,078	\$11,686		
			Total Project Cost:	\$39,764		

Program 201.010 Safety Improvements
Project Output(s) 158 Collision(s) reduced

V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-36 0.1/1.6 2379 0113000090	Near Fortuna, from Route 101 to River Bar Road. Shoulder widening.	0E010 2020-21	R/W: \$2,842 Con: \$7,187	PA&ED: \$910 PS&E: \$1,123 R/W Sup: \$861 Con Sup: \$955	Prior Prior Prior 20-21	PA&ED: 9/1/2020 R/W Cert: 5/25/2021 RTL: 6/1/2021 Begin Con: 12/16/2021
			Subtotal: \$10,029	\$3,849		
Carryover			Total Project Cost:	\$13,878		

Program 201.015 Collision Severity Reduction
Project Output(s) 14 Collision(s) reduced

01-Humboldt-101 87.5/89.5 2460 0117000023	In and near Arcata, from Saint Louis Road Overcrossing (OC) to 0.7 mile north of Giuntoli Lane OC. Install guardrail and upgrade end treatments, place longitudinal drainage system, pave the median, reconstruct thrie-beam barrier, and construct a Class I bike path.	0G580 2021-22	R/W: \$346 Con: \$5,561	PA&ED: \$896 PS&E: \$1,066 R/W Sup: \$104 Con Sup: \$1,649	Prior Prior Prior 21-22	PA&ED: 3/1/2020 R/W Cert: 7/15/2021 RTL: 8/1/2021 Begin Con: 3/13/2022
			Subtotal: \$5,907	\$3,715		
Carryover			Total Project Cost:	\$9,622		

Program 201.015 Collision Severity Reduction
Project Output(s) 8 Collision(s) reduced

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-101 57.1/67.8 2461 0117000027	In and near Fortuna, from 0.5 mile south of Route 36 to 0.4 mile south of Hookton Road. Remove vegetated strips in median area to improve highway worker safety.	0G610 2021-22	R/W: \$912 Con: \$7,297	PA&ED: \$799 PS&E: \$879 R/W Sup: \$175 Con Sup: \$1,256	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 1/15/2022 RTL: 2/1/2022 Begin Con: 8/22/2022
Carryover			Subtotal: \$8,209	\$3,109		
			Total Project Cost:	\$11,318		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 172 Location(s)

MANDATES

01-Humboldt-36 21.5 2366 0113000016	Near Bridgeville, at 0.2 mile east of Golden Gate Drive. Construct erosion control Best Management Practices (BMPs) measures to achieve Statewide National Pollutant Discharge Eliminating System (NPDES) permit compliance unit (CU) credits that will stabilize the adjacent roadway slope erosion and reduce storm water sediment discharge to the impaired Van Duzen River.	0C150 2021-22	R/W: \$152 Con: \$2,174	PA&ED: \$726 PS&E: \$873 R/W Sup: \$334 Con Sup: \$1,452	Prior 20-21 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 4/1/2022
Carryover			Subtotal: \$2,326	\$3,385		
			Total Project Cost:	\$5,711		

Program 201.335 Storm Water Mitigation
Project Output(s) 5.5 Acre(s) treated/pollutant

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-254 4.2 2403 0115000021 <i>Carryover</i>	Near Phillipsville, at 0.7 mile south of Maple Hills Road. Replace existing Fish Creek concrete box culvert with a bridge to eliminate fish passage barrier and decrease sediment loads to achieve compliance unit (CU) credits towards Statewide National Pollutant Discharge Eliminating System (NPDES) permit mandate goals. Five million in funds from AB 95 are designated for this project.	0E790 2021-22	R/W: \$34 Con: \$10,578	PA&ED: \$1,742 PS&E: \$1,863 R/W Sup: \$173 Con Sup: \$2,909	Prior 20-21 20-21 21-22	PA&ED: 3/1/2021 R/W Cert: 2/14/2022 RTL: 3/14/2022 Begin Con: 8/1/2022
			Subtotal: \$10,612	\$6,687		
			Total Project Cost:	\$17,299		
			Program	201.335 Storm Water Mitigation		
			Project Output(s)	79.0 Acre(s) treated/pollutant		

01-Humboldt-299 R16.1/R26.6 2378M 0120000011 <i>Carryover</i>	Near Blue Lake, from 3.0 miles west to 7.5 miles east of Bair Road at various locations. Mitigation plant establishment for project EA 0E030.	0E031 2021-22	R/W: Con: \$300	PA&ED: PS&E: R/W Sup: Con Sup: \$160	21-22	PA&ED: R/W Cert: RTL: 7/2/2021 Begin Con: 7/15/2022
			Subtotal: \$300	\$160		
			Total Project Cost:	\$460		
			Program	201.335 Storm Water Mitigation		
			Project Output(s)	0.0 Acre(s) treated/pollutant		

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-101 77.3/78.1 2456 0116000186	In Eureka, from Wabash Avenue to Commercial Street. Upgrade curb ramps, driveways, and sidewalk, and add Accessible Pedestrian Signals (APS) upgrades to make compliant with Americans with Disabilities Act (ADA) standards; also install fiber optic communications connection from traffic signals to the Caltrans district office.	0G420 2021-22	R/W: \$180 Con: \$4,505	PA&ED: \$1,089 PS&E: \$965 R/W Sup: \$979 Con Sup: \$1,079	Prior Prior Prior 21-22	PA&ED: 12/1/2019 R/W Cert: 8/15/2021 RTL: 9/1/2021 Begin Con: 4/26/2022
Carryover			Subtotal: \$4,685 Total Project Cost:	\$4,112 \$8,797		
					Americans with Disabilities Act New Curb	
			Program	201.361	Ramps	
			Project Output(s)	27	Curb ramp(s)	

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	27.0	27.0	Each
Post Condition	27.0	0.0	0.0	27.0	Each

BRIDGE PRESERVATION

01-Humboldt-36 11.3/34.6 2363 0112000292	Near Bridgeville, at Hely Creek Bridge No. 04-0092, Little Larabee Creek Bridge No. 04-0102 (PM 25.3), and Butte Creek Bridge No. 04-0116. Upgrade bridge rails and widen at one bridge, and replace two bridges.	0C500 2021-22	R/W: \$874 Con: \$16,001	PA&ED: \$2,947 PS&E: \$3,646 R/W Sup: \$268 Con Sup: \$4,325	Prior 20-21 20-21 21-22	PA&ED: 6/1/2021 R/W Cert: 5/2/2022 RTL: 6/1/2022 Begin Con: 11/1/2022
Carryover			Subtotal: \$16,875 Total Project Cost:	\$11,186 \$28,061		
			Program	201.112	Bridge Rail Replacement and Upgrade	
			Project Output(s)	910.0	Linear feet 3 Bridge(s)	

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	910.0	910.0	Linear feet rail
Post Condition	910.0	0.0	0.0	910.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 04-0092	Good	Good
Bridge No. 04-0102	Good	Good
Bridge No. 04-0116	Fair	Good

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-96 2449 0116000129 Carryover	Near Weitchpec and Orleans, at Aikens Creek Bridge No. 04-0059 (PM 28.07), Bluff Creek Bridge No. 04-0063 (PM 28.27), Bluff Creek Bridge No. 04-0225 (PM R28.91), and State Creek Bridge No. 04-0061 (PM 29.92); also on Route 169 at Rube Creek Bridge No. 04-0215 (PM 27.57). Upgrade bridge rails at five locations and also strengthen for truck permit load capacity at two locations.	0G140 2021-22	R/W: \$278 Con: \$10,486	PA&ED: \$1,050 PS&E: \$2,127 R/W Sup: \$110 Con Sup: \$2,242	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 9/1/2021 RTL: 11/2/2021 Begin Con: 3/23/2022
			Subtotal: \$10,764	\$5,529		
			Total Project Cost:	\$16,293		
			Program	201.112 Bridge Rail Replacement and Upgrade		
			Project Output(s)	2,508.0 Linear feet 5 Bridge(s)		

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	196.0	2,312.0	2,508.0	Linear feet rail
Post Condition	2,508.0	0.0	0.0	2,508.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 04-0059	Good	Good
Bridge No. 04-0061	Fair	Fair
Bridge No. 04-0063	Good	Good
Bridge No. 04-0215	Fair	Fair
Bridge No. 04-0225	Good	Good

01-Humboldt-101 27.7 2301 0112000211 Carryover	Near Myers Flat, at South Fork Eel River Bridge No. 04-0123. Seismic retrofit.	0A110 2020-21	R/W: \$85 Con: \$13,762	PA&ED: \$4,641 PS&E: \$2,072 R/W Sup: \$218 Con Sup: \$2,267	Prior Prior Prior 20-21	PA&ED: 12/1/2019 R/W Cert: 2/1/2021 RTL: 2/1/2021 Begin Con: 8/1/2021
			Subtotal: \$13,847	\$9,198		
			Total Project Cost:	\$23,045		
			Program	201.113 Bridge Seismic Restoration		
			Project Output(s)	1 Bridge(s)		

**Primary Asset
(Seismic)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	51,785.0	51,785.0	Square feet
Post Condition	51,785.0	0.0	0.0	51,785.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 04-0123	Good	Good

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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01-Humboldt-36 17.9/R23.9 2429 011600014	Near Bridgeville, at Van Duzen River Bridge No. 04-0284 (PM 17.94) and Van Duzen River Bridge No. 04-0293 (PM R23.91); also on Route 211 near Ferndale at Salt River Bridge No. 04-131 (PM R75.15), and in Lake County on Route 29 near Lakeport at Hill Road East Overcrossing No. 14-0039 (PM R43.75). Apply polyester concrete overlay or methacrylate treatment to bridge decks.	0F500 2021-22	R/W: \$3 Con: \$1,843	PA&ED: \$268 PS&E: \$757 R/W Sup: \$42 Con Sup: \$651	Prior Prior Prior 21-22	PA&ED: 5/15/2020 R/W Cert: 7/20/2021 RTL: 9/8/2021 Begin Con: 4/11/2022
Carryover			Subtotal: \$1,846 Total Project Cost:	\$1,718 \$3,564		
			Program 201.119 Bridge Preventative Maintenance			
			Project Output(s) 4 Bridge(s)			

Primary Asset (Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	40,957.0	10,796.0	51,753.0	Square feet
Post Condition	30,182.0	21,571.0	0.0	51,753.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 04-0131	Poor	Fair
Bridge No. 04-0284	Fair	Good
Bridge No. 04-0293	Fair	Good
Bridge No. 14-0039	Fair	Fair

ROADWAY PRESERVATION

01-Humboldt-36 13.5/36.1 2495 0117000241	Near Fortuna, from 2.0 miles east of Redwood House Road to 1.7 miles west of Burr Valley Road. Rehabilitate pavement and upgrade guardrail and Transportation Management System (TMS) elements.	0H610 2022-23	R/W: \$256 Con: \$32,482	PA&ED: \$921 PS&E: \$1,090 R/W Sup: \$391 Con Sup: \$3,297	20-21 21-22 21-22 22-23	PA&ED: 12/23/2021 R/W Cert: 2/16/2023 RTL: 3/1/2023 Begin Con: 7/19/2023
New			Subtotal: \$32,738 Total Project Cost:	\$5,699 \$38,437		
			Program 201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s) 44.4 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	43.3	1.1	44.4	Lane mile(s)
Post Condition	44.4	0.0	0.0	44.4	Lane mile(s)

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-101 R90.1/109.6 2439 0116000067	Near Trinidad, from 1.3 miles south of School Road to 0.4 mile north of Big Lagoon Bridge. Pavement rehabilitation.	0F820 2020-21	R/W: \$12 Con: \$45,355	PA&ED: \$332 PS&E: \$561 R/W Sup: \$84 Con Sup: \$4,287	Prior Prior Prior 20-21	PA&ED: 7/31/2019 R/W Cert: 11/1/2020 RTL: 11/15/2020 Begin Con: 6/1/2021
Carryover			Subtotal: \$45,367	\$5,264		
			Total Project Cost:	\$50,631		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 76.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	14.0	62.9	0.0	76.9	Lane mile(s)
Post Condition	76.9	0.0	0.0	76.9	Lane mile(s)

01-Humboldt-299 0.0/R5.7 2493 0117000236	In and near Arcata, from Route 101 to east of Blue Lake Boulevard. Rehabilitate pavement and upgrade guardrail, lighting, and Transportation Management System (TMS) elements.	0H560 2022-23	R/W: \$9 Con: \$15,358	PA&ED: \$629 PS&E: \$746 R/W Sup: \$50 Con Sup: \$1,424	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 10/1/2022 RTL: 10/1/2022 Begin Con: 4/1/2023
New			Subtotal: \$15,367	\$2,849		
			Total Project Cost:	\$18,216		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 20.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	20.6	0.0	20.6	Lane mile(s)
Post Condition	20.6	0.0	0.0	20.6	Lane mile(s)

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-299 R11.0/R22.5 2494 0117000238	Near Blue Lake, from North Fork Mad River Bridge to Redwood Creek Bridge. Rehabilitate roadway and upgrade guardrail and Transportation Management System (TMS) elements.	0H580 2022-23	R/W: \$6 Con: \$18,367	PA&ED: \$605 PS&E: \$808 R/W Sup: \$37 Con Sup: \$2,457	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 9/15/2022 RTL: 10/1/2022 Begin Con: 4/1/2023
New			Subtotal: \$18,373 Total Project Cost:	\$3,907 \$22,280		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 29.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	29.6	0.0	29.6	Lane mile(s)
Post Condition	29.6	0.0	0.0	29.6	Lane mile(s)

01-Humboldt-101 T0.0/M54.0 2497 0117000245	Near Rio Dell, from Mendocino County line to north of Wildwood Avenue at various locations. Rehabilitate drainage systems and upgrade lighting and Transportation Management System (TMS) elements.	0H640 2023-24	R/W: \$1,775 Con: \$17,692	PA&ED: \$2,631 PS&E: \$1,657 R/W Sup: \$350 Con Sup: \$3,370	20-21 22-23 22-23 23-24	PA&ED: 6/3/2023 R/W Cert: 3/1/2024 RTL: 3/11/2024 Begin Con: 7/17/2024
New			Subtotal: \$19,467 Total Project Cost:	\$8,008 \$27,475		

Program 201.151 Drainage System Restoration
Project Output(s) 62 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	391.0	2,502.0	5,676.0	8,569.0	Linear feet
Post Condition	8,367.0	0.0	0.0	8,367.0	Linear feet

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-101 R11.8/26.7 7002 0114000071	Near Garberville, from north of Redwood Drive to 1.3 miles south of Myers Flat; also in Mendocino County, on Route 271 near Piercy, from 0.5 mile north of Confusion Hill to 0.5 mile north of Route 101 Separation (PM 16.1/20.0). Rehabilitate or replace drainage culverts.	48770 2020-21	R/W: \$403 Con: \$2,806	PA&ED: \$878 PS&E: \$866 R/W Sup: \$309 Con Sup: \$909	Prior Prior Prior 20-21	PA&ED: 3/1/2020 R/W Cert: 3/1/2021 RTL: 3/1/2021 Begin Con: 8/1/2021
Carryover			Subtotal: \$3,209	\$2,962		
			Total Project Cost:	\$6,171		

Program 201.151 Drainage System Restoration
Project Output(s) 20 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	80.0	211.0	1,641.0	1,932.0	Linear feet
Post Condition	1,997.0	0.0	0.0	1,997.0	Linear feet

01-Humboldt-169 15.1/33.8 2487 0117000169	Near Weitchpec, from 0.6 mile east of Pecwan Creek Bridge to Route 96 at various locations. Rehabilitate drainage systems.	0H410 2023-24	R/W: \$474 Con: \$5,606	PA&ED: \$2,499 PS&E: \$1,121 R/W Sup: \$1,397 Con Sup: \$1,718	20-21 21-22 21-22 23-24	PA&ED: 6/6/2022 R/W Cert: 12/6/2023 RTL: 1/8/2024 Begin Con: 5/22/2024
New			Subtotal: \$6,080	\$6,735		
			Total Project Cost:	\$12,815		

Program 201.151 Drainage System Restoration
Project Output(s) 50 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,152.0	2,152.0	Linear feet
Post Condition	2,114.0	0.0	0.0	2,114.0	Linear feet

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-254 0.8/21.0 2518 0118000196 New	Near Phillipsville and Weott, from south of Chimney Tree Gift Shop to south of Bull Creek Flats Road. Rehabilitate drainage systems and reduce sediment loads to South Fork Eel River.	0H241 2023-24	R/W: \$550 Con: \$2,685	PA&ED: \$1,365 PS&E: \$1,066 R/W Sup: \$254 Con Sup: \$1,069	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 10/13/2023 RTL: 11/1/2023 Begin Con: 3/20/2024
			Subtotal: \$3,235	\$3,754		
			Total Project Cost:	\$6,989		

Program 201.151 Drainage System Restoration
Project Output(s) 17 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	371.0	664.0	1,035.0	Linear feet
Post Condition	1,095.0	0.0	0.0	1,095.0	Linear feet

01-Humboldt-299 R1.9/37.8 2433 0116000035 Carryover	Near Blue Lake and Willow Creek, from 0.1 mile east of Route 200 to 0.5 mile east of Boise Creek Campground. Rehabilitate drainage culverts.	0F620 2021-22	R/W: \$920 Con: \$4,268	PA&ED: \$904 PS&E: \$958 R/W Sup: \$77 Con Sup: \$1,615	Prior 20-21 20-21 21-22	PA&ED: 5/1/2020 R/W Cert: 7/2/2021 RTL: 8/2/2021 Begin Con: 2/1/2022
			Subtotal: \$5,188	\$3,554		
			Total Project Cost:	\$8,742		

Program 201.151 Drainage System Restoration
Project Output(s) 24 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	110.0	1,738.0	3,191.0	5,039.0	Linear feet
Post Condition	4,994.0	0.0	0.0	4,994.0	Linear feet

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

01-Humboldt-101 88.3/88.6 2424 0115000043	In Arcata, from north of Route 299/Route 101 Connector to 0.2 mile south of Guintoli Lane Overcrossing. Construct auxiliary lane to improve merging movements.	0E890 2021-22	R/W: \$532 Con: \$4,098	PA&ED: \$1,008 PS&E: \$1,329 R/W Sup: \$90 Con Sup: \$1,546	Prior Prior 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 11/1/2021 RTL: 11/1/2021 Begin Con: 5/1/2022
<i>Carryover</i>			Subtotal: \$4,630	\$3,973		
			Total Project Cost:	\$8,603		

Program 201.310 Operational Improvements
Project Output(s) 36.0 Daily vehicle hour(s) of delay (DVHD)

FACILITIES

01-Humboldt-101 2355 0112000229	In Eureka, at the District 1 Materials Laboratory located at the District Office complex (1726 Albee Street). Replace District 1 Materials Laboratory (L5731) at alternative site to address health, safety, accessibility, and operational deficiencies.	0C110 2020-21	R/W: \$1,388 Con: \$4,284	PA&ED: \$1,134 PS&E: \$1,380 R/W Sup: \$567 Con Sup: \$1,702	Prior Prior Prior 20-21	PA&ED: 5/31/2019 R/W Cert: 4/1/2021 RTL: 4/1/2021 Begin Con: 7/21/2021
<i>Carryover</i>			Subtotal: \$5,672	\$4,783		
			Total Project Cost:	\$10,455		

Program 201.354 Materials Labs
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	6,400.0	6,400.0	Square feet
Post Condition	8,000.0	0.0	0.0	8,000.0	Square feet

V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Humboldt County						
			R/W:	\$13,440	PA&ED:	\$39,123
			Const:	\$334,488	PS&E:	\$39,034
					R/W Sup:	\$8,430
					Con Sup:	\$63,653
					<hr/>	
			Subtotal:	\$347,928		\$150,240
			Total (Capital + Support):			\$498,168

V4.0 2020 SHOPP Project List
Imperial
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

11-Imperial-111	In and near Brawley, from Jasper	43030	R/W: \$374	PA&ED: \$780	20-21	PA&ED: 12/3/2021
R3.2/45.4	Road to Niland Creek Bridge; also on	2023-24	Con: \$10,817	PS&E: \$1,453	21-22	R/W Cert: 6/23/2023
1318	Route 8 near El Centro, from east of			R/W Sup: \$253	21-22	RTL: 7/14/2023
1118000099	Dogwood Road to Route 111. Install			Con Sup: \$2,224	23-24	Begin Con: 2/15/2024
	rumble strips, upgrade guardrail,		Subtotal: \$11,191	\$4,710		
New	enhance highway worker safety, and		Total Project Cost:	\$15,901		
	upgrade facilities to Americans with					
	Disabilities Act (ADA) standards.					

Program 201.015 Collision Severity Reduction
Project Output(s) 15 Collision(s) reduced

11-Imperial-8	In and near El Centro, at various	41200	R/W:	PA&ED: \$385	Prior	PA&ED: 8/7/2020
R32.4/R46.1	locations on Routes 8 and 111. Pave	2021-22	Con: \$2,070	PS&E: \$585	20-21	R/W Cert: 6/11/2021
1252	slopes under structures.			R/W Sup:		RTL: 7/30/2021
1112000158				Con Sup: \$571	21-22	Begin Con: 12/30/2021
			Subtotal: \$2,070	\$1,541		
Carryover			Total Project Cost:	\$3,611		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 18 Location(s)

V4.0 2020 SHOPP Project List
Imperial
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

11-Imperial-8 1329 1118000204	In Imperial County, on Routes 8 and 78 at various locations. Rehabilitation of six bridges, including painting, deck and column work.	43044 2021-22	R/W: Con: \$12,300	PA&ED: \$200 PS&E: \$800 R/W Sup: Con Sup: \$1,700	Prior Prior 21-22	PA&ED: 3/3/2020 R/W Cert: 8/13/2021 RTL: 11/30/2021 Begin Con: 3/17/2022
<i>Carryover</i>			Subtotal: \$12,300	\$2,700		
			Total Project Cost:	\$15,000		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 6 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	38,158.0	16,899.0	55,057.0	Square feet
Post Condition	55,057.0	0.0	0.0	55,057.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 58-0196L	Fair	Good
Bridge No. 58-0196R	Poor	Good
Bridge No. 58-0298	Poor	Good
Bridge No. 58-0299	Poor	Good
Bridge No. 58-0303	Fair	Good
Bridge No. 58-0311	Fair	Good

11-Imperial-8 R96.8 1336 1118000262	Near Winterhaven, at Colorado River Viaduct Bridge No. 58-0312L/R. Patch spalls, polyester deck overlay, hinge bearing replacement, and joint replacement to preserve the structural integrity of two bridges.	43049 2020-21	R/W: Con: \$4,163	PA&ED: \$193 PS&E: \$506 R/W Sup: Con Sup: \$479	Prior Prior 20-21	PA&ED: 1/20/2020 R/W Cert: 12/28/2020 RTL: 2/9/2021 Begin Con: 12/15/2021
<i>Carryover</i>			Subtotal: \$4,163	\$1,178		
			Total Project Cost:	\$5,341		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	106,401.0	114,592.0	220,993.0	Square feet
Post Condition	220,993.0	0.0	0.0	220,993.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 58-0312L	Fair	Good
Bridge No. 58-0312R	Poor	Good

V4.0 2020 SHOPP Project List
Imperial
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Imperial County

R/W:	\$374	PA&ED:	\$1,558
Const:	\$29,350	PS&E:	\$3,344
		R/W Sup:	\$253
		Con Sup:	\$4,974
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Subtotal:	\$29,724		\$10,129
Total (Capital + Support):			\$39,853

V4.0 2020 SHOPP Project List
Inyo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

09-Inyo-395	Near Lone Pine, from Teya Road to	37450	R/W: \$148	PA&ED: \$526	20-21	PA&ED: 12/1/2021
56.8/R58.3	East Lubken Avenue. Upgrade	2023-24	Con: \$592	PS&E: \$744	21-22	R/W Cert: 10/2/2023
2647	facilities to Americans with Disabilities			R/W Sup: \$346	21-22	RTL: 10/2/2023
0918000017	Act (ADA) standards.			Con Sup: \$1,037	23-24	Begin Con: 3/8/2024
			Subtotal: \$740	\$2,653		
New			Total Project Cost:	\$3,393		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 16 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	3.0	0.0	0.0	3.0	Each

09-Inyo-395	Near Bishop, from North See Vee	36680	R/W: \$6,378	PA&ED: \$1,530	Prior	PA&ED: 10/1/2020
117.3/117.8	Lane to North Barlow Lane. Upgrade	2023-24	Con: \$9,901	PS&E: \$3,340	20-21	R/W Cert: 10/2/2023
2641	Americans with Disabilities Act (ADA)			R/W Sup: \$1,670	20-21	RTL: 11/20/2023
0916000021	curb ramps, driveways, and			Con Sup: \$2,190	23-24	Begin Con: 5/8/2024
			Subtotal: \$16,279	\$8,730		
Carryover			Total Project Cost:	\$25,009		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 15 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	7.0	7.0	Each
Post Condition	15.0	0.0	0.0	15.0	Each

V4.0 2020 SHOPP Project List
Inyo
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

09-Inyo-395	Near Independence, from 3.0 miles south of Manzanar Reward Road to 0.3 mile north of Shabbell Lane.	37900	R/W: \$137	PA&ED: \$1,447	20-21	PA&ED: 1/1/2022
R65.0/76.0 2671		2023-24	* Con: \$47,202	PS&E: \$1,273	21-22	R/W Cert: 11/1/2023
0919000004	Rehabilitate roadway, install Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.			R/W Sup: \$1,203	21-22	RTL: 12/1/2023
				* Con Sup: \$2,412	23-24	Begin Con: 5/8/2024

New

(G13 Contingency)

Subtotal: \$47,339 \$6,335
Total Project Cost: \$53,674

* Construction Capital and * Construction Support phases are NOT authorized
 SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 45.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	17.2	27.8	0.0	45.0	Lane mile(s)
Post Condition	45.0	0.0	0.0	45.0	Lane mile(s)

09-Inyo-127	Near Shoshone, from 4.6 miles north of Route 178 (west) to 7.6 miles south of Route 190; also from 0.3 mile south of Route 190 to Nevada State line (PM 41.8/49.42). Rehabilitate pavement and replace signs.	37930	R/W: \$18,367	PA&ED: \$164	20-21	PA&ED: 1/1/2021
21.0/34.5 2670		2022-23	Con: \$18,367	PS&E: \$272	20-21	R/W Cert: 7/1/2022
0919000007				R/W Sup: \$2	20-21	RTL: 8/1/2022
				Con Sup: \$1,724	22-23	Begin Con: 3/15/2023

New

Subtotal: \$18,367 \$2,162
Total Project Cost: \$20,529

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 42.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.1	41.9	0.0	42.0	Lane mile(s)
Post Condition	42.0	0.0	0.0	42.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Inyo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
09-Inyo-395 91.6/100.8 2667 0919000005 New	Near Big Pine, from 1.3 miles south of Fish Springs Road (south) to Route 168 (east). Rehabilitate pavement, install Transportation Management System (TMS) elements, and upgrade lighting, guardrail, and facilities to Americans with Disabilities Act (ADA) standards. (G13 Contingency)	37910 2023-24	R/W: \$96 * Con: \$34,545	PA&ED: \$1,378 PS&E: \$892 R/W Sup: \$1,224 * Con Sup: \$2,680	20-21 21-22 21-22 23-24	PA&ED: 12/2/2021 R/W Cert: 12/5/2023 RTL: 1/16/2024 Begin Con: 6/26/2024
			Subtotal: \$34,641	\$6,174		
			Total Project Cost: \$40,815			
* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required						
			Program 201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s) 37.3 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	37.3	0.0	37.3	Lane mile(s)
Post Condition	37.3	0.0	0.0	37.3	Lane mile(s)

09-Inyo-395 115.0/117.8 2653 0918000019 New	In and near Bishop, on Main Street from Jay Street to Barlow Lane, and on Route 168 (Line Street) from Pioneer Lane to Route 395 (Main Street) (PM 17.6/18.3). Rehabilitate roadway and drainage, install Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	37470 2022-23	R/W: \$205 Con: \$15,087	PA&ED: \$1,288 PS&E: \$1,083 R/W Sup: \$1,212 Con Sup: \$1,239	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 4/1/2023 RTL: 5/1/2023 Begin Con: 9/27/2023
			Subtotal: \$15,292	\$4,822		
			Total Project Cost: \$20,114			
			Program 201.122 Roadway Rehabilitation (2R)			
			Project Output(s) 13.6 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.2	13.4	0.0	13.6	Lane mile(s)
Post Condition	13.6	0.0	0.0	13.6	Lane mile(s)

V4.0 2020 SHOPP Project List
Inyo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

09-Inyo-395 37.6 0661 0915000018	Near Cartago, 3.0 miles north of Route 190 Junction. Protect, enhance, preserve, and restore wetland and riparian habitat at Cartago Wildlife Area. This work will also serve as advance mitigation credit purchases for future SHOPP construction projects.	36490 2021-22	R/W: \$31 Con: \$1,840	PA&ED: \$890 PS&E: \$380 R/W Sup: \$100 Con Sup: \$460	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 11/1/2021 RTL: 11/1/2021 Begin Con: 7/1/2022
<i>Carryover</i>			Subtotal: \$1,871	\$1,830		
			Total Project Cost:	\$3,701		

Program 201.240 Roadside Enhancement
Project Output(s) 16 Location(s)

FACILITIES

09-Inyo-395 73.9 2662 0919000009	Near Independence, at the Independence Maintenance Station (655 North Edwards Street). Construct new equipment canopy, water tank, and make fire suppression improvements.	37950 2022-23	R/W: \$3,738 Con: \$3,738	PA&ED: \$179 PS&E: \$664 R/W Sup: Con Sup: \$1,119	20-21 21-22 22-23	PA&ED: 1/1/2021 R/W Cert: 7/8/2022 RTL: 7/8/2022 Begin Con: 1/11/2023
<i>New</i>			Subtotal: \$3,738	\$1,962		
			Total Project Cost:	\$5,700		

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	8,484.5	0.0	0.0	8,484.5	Square feet

V4.0 2020 SHOPP Project List
Inyo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
09-Inyo-395 115.0 2649 0918000020	In Bishop, at the District 9 Materials Laboratory located at the District Office complex (500 South Main Street). Replace District 9 Materials Laboratory at alternative site to address health, safety, accessibility, and operational deficiencies.	37480 2023-24	R/W: \$895 Con: \$7,545	PA&ED: \$430 PS&E: \$497 R/W Sup: \$166 Con Sup: \$1,903	20-21 21-22 21-22 23-24	PA&ED: 2/1/2022 R/W Cert: 12/4/2023 RTL: 12/4/2023 Begin Con: 5/14/2024
New			Subtotal: \$8,440	\$2,996		
			Total Project Cost:	\$11,436		

Program 201.354 Materials Labs
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,900.0	3,900.0	Square feet
Post Condition	6,000.0	0.0	0.0	6,000.0	Square feet

Inyo County

R/W:	\$7,890	PA&ED:	\$7,832
Const:	\$138,817	PS&E:	\$9,145
		R/W Sup:	\$5,923
		Con Sup:	\$14,764
Subtotal:	\$146,707		\$37,664
Total (Capital + Support):			\$184,371

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

06-Kern-43	In Wasco, from Route 46 to south of	0X770	R/W: \$1,100	PA&ED: \$1,400	Prior	PA&ED: 12/1/2020
25.2/25.4	Gromer Avenue. Improve safety by	2021-22	Con: \$3,900	PS&E: \$1,400	20-21	R/W Cert: 4/1/2022
6982	constructing a roundabout.			R/W Sup: \$1,000	20-21	RTL: 4/15/2022
0618000131				Con Sup: \$1,300	21-22	Begin Con: 9/20/2022
			Subtotal: \$5,000	\$5,100		
<i>Carryover</i>			Total Project Cost:	\$10,100		

Program 201.010 Safety Improvements
Project Output(s) 26 Collision(s) reduced

06-Kern-119	In Taft, from north of Gardner Field	0X760	R/W: \$18	PA&ED: \$940	Prior	PA&ED: 7/1/2021
0.2/0.6	Road to south of Ash Street.	2021-22	Con: \$1,770	PS&E: \$1,520	20-21	R/W Cert: 1/15/2022
6994	Construct left turn lane.			R/W Sup: \$28	20-21	RTL: 4/1/2022
0618000129				Con Sup: \$945	21-22	Begin Con: 1/15/2023
			Subtotal: \$1,788	\$3,433		
<i>Carryover</i>			Total Project Cost:	\$5,221		

Program 201.010 Safety Improvements
Project Output(s) 18 Collision(s) reduced

V4.0 2020 SHOPP Project List
Kern
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-178 10.4/57.0 6924 0618000083	Near Bakersfield, from 0.2 mile east of Miramonte Drive to Kelso Valley Road; also on Route 223 from South Vineland Road to South Comanche Drive (PM R17.1/R20.0). Install centerline and shoulder rumble strips.	0X520 2020-21	R/W: \$6 Con: \$3,103	PA&ED: \$830 PS&E: \$830 R/W Sup: \$7 Con Sup: \$840	Prior Prior Prior 20-21	PA&ED: 2/28/2020 R/W Cert: 1/26/2021 RTL: 2/26/2021 Begin Con: 9/7/2021
Carryover			Subtotal: \$3,109	\$2,507		
			Total Project Cost:	\$5,616		

Program 201.010 Safety Improvements
Project Output(s) 26 Collision(s) reduced

06-Kern-204 2.8 6956 0617000297	In Bakersfield, at 8th Street. Installation of High-intensity Activated crossWalk (HAWK) system.	0W990 2021-22	R/W: \$225 Con: \$1,535	PA&ED: \$530 PS&E: \$980 R/W Sup: \$285 Con Sup: \$720	Prior Prior Prior 21-22	PA&ED: 1/13/2020 R/W Cert: 1/14/2022 RTL: 2/15/2022 Begin Con: 8/29/2022
Carryover			Subtotal: \$1,760	\$2,515		
			Total Project Cost:	\$4,275		

Program 201.010 Safety Improvements
Project Output(s) 6 Collision(s) reduced

V4.0 2020 SHOPP Project List

Kern

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
09-Kern-178 2631 0917000001 Carryover	In Kern, Mono, Inyo, and San Bernardino Counties, on Routes 14, 89, 108, 120, 127, 168, 178, 182, 190, 202, and 395 at various locations. Upgrade guardrails, end treatments, and bridge transition railings to current standards.	36770 2020-21	R/W: \$1 Con: \$2,831	PA&ED: \$240 PS&E: \$570 R/W Sup: \$10 Con Sup: \$910	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 9/16/2020 RTL: 10/16/2020 Begin Con: 3/10/2021
			Subtotal: \$2,832	\$1,730		
			Total Project Cost:	\$4,562		

Program 201.015 Collision Severity Reduction
Project Output(s) 4 Collision(s) reduced

09-Kern-202 R4.7/R5.1 2620 0916000016 Carryover	Near Tehachapi, from 0.2 mile west to 0.2 mile east of Cummings Valley Road East. Construct a left turn lane from southbound Route 202 to Cummings Valley Road East.	36720 2021-22	R/W: \$933 Con: \$1,260	PA&ED: \$311 PS&E: \$970 R/W Sup: \$620 Con Sup: \$950	Prior Prior Prior 21-22	PA&ED: 3/25/2019 R/W Cert: 7/15/2021 RTL: 8/15/2021 Begin Con: 2/23/2022
			Subtotal: \$2,193	\$2,851		
			Total Project Cost:	\$5,044		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

06-Kern-58 R53.4 6757 0615000003	In Bakersfield, at H Street. Upgrade curb ramps to meet current Americans with Disabilities Act (ADA) standards.	0T000 2021-22	R/W: \$100 Con: \$1,590	PA&ED: \$407 PS&E: \$1,064 R/W Sup: \$865 Con Sup: \$594	Prior Prior Prior 21-22	PA&ED: 1/17/2019 R/W Cert: 4/1/2022 RTL: 4/6/2022 Begin Con: 12/1/2022
<i>Carryover</i>			Subtotal: \$1,690	\$2,930		
			Total Project Cost:	\$4,620		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 7 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	7.0	7.0	Each
Post Condition	7.0	0.0	0.0	7.0	Each

06-Kern-204 R0.0/4.6 6871 0617000096	In Bakersfield, from Route 204/58 Separation to L street; also on Route 58 (PM R54.2/R54.6). Upgrade curb ramps and Accessible Pedestrian Signals (APS) to meet current Americans with Disabilities Act (ADA) standards.	0W150 2021-22	R/W: \$337 Con: \$4,500	PA&ED: \$1,105 PS&E: \$1,600 R/W Sup: \$1,486 Con Sup: \$1,700	Prior Prior Prior 21-22	PA&ED: 9/2/2019 R/W Cert: 12/1/2021 RTL: 12/3/2021 Begin Con: 5/25/2022
<i>Carryover</i>			Subtotal: \$4,837	\$5,891		
			Total Project Cost:	\$10,728		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 80 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	78.0	78.0	Each
Post Condition	80.0	0.0	0.0	80.0	Each

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

06-Kern-166 17.3/17.7 6726 0615000047	Near Mettler, at California Aqueduct Bridge No. 50-0323. Bridge rehabilitation.	0S050 2021-22	R/W: \$1,100 * Con: \$30,000	PA&ED: \$1,045 PS&E: \$5,100 R/W Sup: \$600 * Con Sup: \$6,200	Prior 20-21 20-21 21-22	PA&ED: 11/1/2020 R/W Cert: 5/2/2022 RTL: 5/9/2022 Begin Con: 10/3/2022
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(G13 Contingency) Subtotal: \$31,100 \$12,945
Total Project Cost: \$44,045

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	16,544.0	0.0	16,544.0	Square feet
Post Condition	18,879.0	0.0	0.0	18,879.0	Square feet

Bridge Health Existing Condition Post Condition

Bridge No. 50-0323 Poor Good

ROADWAY PRESERVATION

06-Kern-99 23.6/R28.4 6661A 0618000145	In Bakersfield, from Brundage Lane Overcrossing to Beardsley Canal Bridge. Landscape mitigation for rehabilitate roadway project EA 0Q280.	0Q281 2021-22	R/W: \$20 Con: \$6,600	PA&ED: \$700 PS&E: \$500 R/W Sup: \$20 Con Sup: \$2,500	21-22 21-22 21-22 21-22	PA&ED: 7/30/2021 R/W Cert: 4/25/2022 RTL: 5/2/2022 Begin Con: 2/2/2023
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Subtotal: \$6,620 \$3,720
Total Project Cost: \$10,340

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 0.0 Lane mile(s)

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-119 28.2/31.3 6805 0616000222	Near Bakersfield, from 0.1 miles east of Ashe Road to Route 99 Separation. Rehabilitate roadway including reconstruction of travel lanes with Jointed Plain Concrete Pavement (JPCP), widen intersections and shoulders to meet current standards, add bicycle lanes, median lane to accommodate two-way turning, install drainage inlets and stormwater basin, sidewalks and upgrade American with Disabilities Act (ADA) ramps to current standards.	0V610 2023-24	R/W: \$14,200 Con: \$26,500	PA&ED: \$3,200 PS&E: \$2,500 R/W Sup: \$6,300 Con Sup: \$4,600	Prior 20-21 20-21 23-24	PA&ED: 9/1/2020 R/W Cert: 9/1/2023 RTL: 12/1/2023 Begin Con: 4/29/2024
Carryover			Subtotal: \$40,700 Total Project Cost:	\$16,600 \$57,300		

SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 10.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	8.5	1.5	10.0	Lane mile(s)
Post Condition	10.0	0.0	0.0	10.0	Lane mile(s)

06-Kern-155 R0.0/R1.3 6960 0617000303	In Deleno, from Fremont Street to west of Browning Road. Rehabilitate roadway, widen shoulders, upgrade facilities to Americans with Disabilities Act (ADA) standards, and rehabilitate drainage systems.	0W810 2023-24	R/W: \$1,400 Con: \$9,000	PA&ED: \$1,700 PS&E: \$2,300 R/W Sup: \$540 Con Sup: \$1,800	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 3/1/2024 RTL: 3/15/2024 Begin Con: 9/1/2024
New			Subtotal: \$10,400 Total Project Cost:	\$6,340 \$16,740		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 2.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	2.6	0.0	2.6	Lane mile(s)
Post Condition	2.6	0.0	0.0	2.6	Lane mile(s)

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-184 0.8/8.6 6803 061600001	Near Bakersfield, from Dunsmere Street to Breckenridge Road. Upgrade Americans with Disabilities Act (ADA) curb ramps, install bike lanes, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement.	0U290 2022-23	R/W: \$2,230 Con: \$17,700	PA&ED: \$2,425 PS&E: \$3,000 R/W Sup: \$2,200 Con Sup: \$3,400	Prior 20-21 20-21 22-23	PA&ED: 10/1/2020 R/W Cert: 3/1/2023 RTL: 4/3/2023 Begin Con: 11/20/2023
<i>Carryover</i>			Subtotal: \$19,930 Total Project Cost:	\$11,025 \$30,955		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 21.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	8.0	12.7	0.9	21.6	Lane mile(s)
Post Condition	21.6	0.0	0.0	21.6	Lane mile(s)

06-Kern-184 8.5/11.6 6798 061600033	In and near Bakersfield, from 0.1 mile north of Edison Highway to 0.1 mile north of Chase Avenue. Upgrade Americans with Disabilities Act (ADA) curbs and barrier railing, widen shoulders, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement to rehabilitate roadway.	0U430 2021-22	R/W: \$350 Con: \$7,600	PA&ED: \$1,020 PS&E: \$1,520 R/W Sup: \$50 Con Sup: \$1,600	Prior Prior Prior 21-22	PA&ED: 10/1/2020 R/W Cert: 4/1/2022 RTL: 5/2/2022 Begin Con: 11/14/2022
<i>Carryover</i>			Subtotal: \$7,950 Total Project Cost:	\$4,190 \$12,140		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 8.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.7	7.8	0.3	8.8	Lane mile(s)
Post Condition	8.8	0.0	0.0	8.8	Lane mile(s)

V4.0 2020 SHOPP Project List
Kern
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-5 10.2/15.9 6985 0615000300	Near Grapevine, from Grapevine Road Undercrossing to Route 5/99 Separation. Rehabilitate pavement, replace signs, install Transportation Management System (TMS) elements, and rehabilitate drainage systems.	0U500 2023-24	R/W: \$20 Con: \$16,800	PA&ED: \$1,400 PS&E: \$2,200 R/W Sup: \$30 Con Sup: \$1,900	20-21 22-23 22-23 23-24	PA&ED: 7/5/2022 R/W Cert: 8/15/2023 RTL: 11/16/2023 Begin Con: 8/30/2024
New			Subtotal: \$16,820 Total Project Cost:	\$5,530 \$22,350		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 42.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	10.4	23.6	8.7	42.7	Lane mile(s)
Post Condition	18.9	23.8	0.0	42.7	Lane mile(s)

09-Kern-14 46.2/52.8 2672 0919000003	Near Armistead, from 1.1 mile north of Red Rock Canyon Road to 4.9 mile south of Route 178 (West). Rehabilitate pavement and upgrade signs.	37890 2022-23	R/W: \$20 Con: \$7,560	PA&ED: \$232 PS&E: \$528 R/W Sup: \$2 Con Sup: \$385	20-21 21-22 21-22 22-23	PA&ED: 9/1/2021 R/W Cert: 7/8/2022 RTL: 8/8/2022 Begin Con: 1/11/2023
New			Subtotal: \$7,560 Total Project Cost:	\$1,147 \$8,707		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 15.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	3.1	12.1	0.0	15.2	Lane mile(s)
Post Condition	15.2	0.0	0.0	15.2	Lane mile(s)

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-33 40.4/59.0 6978 0619000010	Near McKittrick, from south of Lokern Road to 1.2 miles south of Route 46. Rehabilitate pavement, replace signs, install Transportation Management System (TMS) elements, and rehabilitate drainage systems.	0Y130 2022-23	R/W: \$220 Con: \$16,600	PA&ED: \$1,800 PS&E: \$1,300 R/W Sup: \$350 Con Sup: \$2,300	20-21 22-23 22-23 22-23	PA&ED: 4/15/2022 R/W Cert: 4/15/2023 RTL: 4/18/2023 Begin Con: 11/3/2023
New			Subtotal: \$16,820	\$5,750		
			Total Project Cost:	\$22,570		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 37.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	37.2	0.0	37.2	Lane mile(s)
Post Condition	37.2	0.0	0.0	37.2	Lane mile(s)

06-Kern-58 6.0/15.4 6957 0618000057	Near McKittrick, from San Luis Obispo County line to Route 33. Pavement rehabilitation, repair culverts, and upgrade Intelligent Transportation System (ITS) field elements.	0X350 2020-21	R/W: \$140 Con: \$11,000	PA&ED: \$1,500 PS&E: \$1,500 R/W Sup: \$30 Con Sup: \$1,800	Prior Prior Prior 20-21	PA&ED: 7/16/2020 R/W Cert: 2/1/2021 RTL: 4/15/2021 Begin Con: 10/3/2021
Carryover			Subtotal: \$11,140	\$4,830		
			Total Project Cost:	\$15,970		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	13.9	4.9	18.8	Lane mile(s)
Post Condition	18.8	0.0	0.0	18.8	Lane mile(s)

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-58 39.9/46.0 6756 0615000212	In and near Bakersfield, from Route 43 to 0.1 mile west of Allen Road. Pavement rehabilitation.	0U110 2021-22	R/W: \$350 Con: \$8,500	PA&ED: \$1,400 PS&E: \$1,200 R/W Sup: \$250 Con Sup: \$1,900	Prior 20-21 21-22 21-22	PA&ED: 10/1/2020 R/W Cert: 2/1/2022 RTL: 3/1/2022 Begin Con: 9/1/2022
			Subtotal: \$8,850	\$4,750		
Carryover			Total Project Cost:	\$13,600		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 12.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.2	11.4	0.6	12.2	Lane mile(s)
Post Condition	12.2	0.0	0.0	12.2	Lane mile(s)

06-Kern-166 0.0/9.0 6896 0618000060	In and near Maricopa, from Route 33 to 4.0 miles east of Basic School Road (PM 0.010/9.000). Rehabilitate pavement, upgrade guardrail and facilities to American with Disability Act (ADA) standards, and construct rumble strips.	0X380 2022-23	R/W: \$120 Con: \$9,200	PA&ED: \$1,600 PS&E: \$1,500 R/W Sup: \$120 Con Sup: \$2,000	20-21 22-23 22-23 22-23	PA&ED: 7/1/2022 R/W Cert: 4/3/2023 RTL: 4/17/2023 Begin Con: 11/1/2023
			Subtotal: \$9,320	\$5,220		
New			Total Project Cost:	\$14,540		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.1	1.9	18.0	Lane mile(s)
Post Condition	18.0	0.0	0.0	18.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-5 R0.0/4.4 6895 061800055	Near Lebec, from Los Angeles County line to south of Lebec Road. Rehabilitate roadway and upgrade guardrail and Transportation Management System (TMS) elements.	0X330 2022-23	R/W: \$30 Con: \$25,400	PA&ED: \$1,300 PS&E: \$1,600 R/W Sup: \$20 Con Sup: \$3,000	20-21 21-22 21-22 22-23	PA&ED: 4/4/2022 R/W Cert: 4/3/2023 RTL: 4/18/2023 Begin Con: 11/8/2023
New			Subtotal: \$25,430	\$5,920		
			Total Project Cost:	\$31,350		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 17.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	4.4	11.1	2.0	17.5	Lane mile(s)
Post Condition	17.5	0.0	0.0	17.5	Lane mile(s)

06-Kern-58 R64.4/67.3 6981 0618000183	Near Edison, from west of Tejon Highway Overcrossing to 2.5 miles west of General Beale Road. Rehabilitate roadway, replace signs, rehabilitate drainage systems, and upgrade guardrail and Transportation Management System (TMS) elements.	0X160 2022-23	R/W: \$10 Con: \$10,200	PA&ED: \$910 PS&E: \$1,600 R/W Sup: \$50 Con Sup: \$1,500	20-21 21-22 21-22 22-23	PA&ED: 1/14/2022 R/W Cert: 9/1/2022 RTL: 9/9/2022 Begin Con: 3/15/2023
New			Subtotal: \$10,210	\$4,060		
			Total Project Cost:	\$14,270		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 5.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.1	4.2	0.5	5.8	Lane mile(s)
Post Condition	5.8	0.0	0.0	5.8	Lane mile(s)

V4.0 2020 SHOPP Project List
Kern
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-33 21.8/39.8 6894 0618000043	Near Taft, from 0.9 mile south of Henry Road to north of Cymric Road (North) at various locations. Rehabilitate drainage systems.	0X240 2023-24	R/W: \$630 Con: \$4,500	PA&ED: \$1,700 PS&E: \$1,600 R/W Sup: \$1,500 Con Sup: \$1,500	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 10/2/2023 RTL: 10/16/2023 Begin Con: 6/1/2024
New			Subtotal: \$5,130	\$6,300		
			Total Project Cost:	\$11,430		

Program 201.151 Drainage System Restoration
Project Output(s) 44 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,318.0	2,318.0	Linear feet
Post Condition	2,318.0	0.0	0.0	2,318.0	Linear feet

06-Kern-178 12.6/55.4 6925 0618000017	Near Bakersfield, from east of Miramonte Drive to Vista Grande Drive. Repair, replace, and/or clean culverts.	0X080 2021-22	R/W: \$20 Con: \$7,100	PA&ED: \$2,800 PS&E: \$900 R/W Sup: \$480 Con Sup: \$1,700	Prior 21-22 21-22 21-22	PA&ED: 10/29/2020 R/W Cert: 12/15/2021 RTL: 1/14/2022 Begin Con: 8/1/2022
Carryover			Subtotal: \$7,120	\$5,880		
			Total Project Cost:	\$13,000		

Program 201.151 Drainage System Restoration
Project Output(s) 65 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4,296.0	4,296.0	Linear feet
Post Condition	4,296.0	0.0	0.0	4,296.0	Linear feet

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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FACILITIES

09-Kern- 2634 0916000032	In Tehachapi, at the Tehachapi Maintenance Station near Routes 58 and 202 at 320 West Tehachapi Boulevard. Construct a new Tehachapi Maintenance Station at existing or alternative site to replace the old, undersized facility that is in constant need of repairs.	36750 2021-22	R/W: \$1,001 Con: \$8,867	PA&ED: \$930 PS&E: \$2,630 R/W Sup: \$432 Con Sup: \$2,778	Prior 21-22 20-21 21-22	PA&ED: 6/4/2020 R/W Cert: 6/23/2022 RTL: 6/24/2022 Begin Con: 1/4/2023
<i>Carryover</i>			Subtotal: \$9,868	\$6,770		
			Total Project Cost:	\$16,638		

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	704.0	4,400.0	5,104.0	Square feet
Post Condition	28,713.0	0.0	0.0	28,713.0	Square feet

Kern County

R/W:	\$24,561	PA&ED:	\$31,425
Const:	\$243,616	PS&E:	\$40,412
		R/W Sup:	\$17,275
		Con Sup:	\$48,822
Subtotal:	\$268,177		\$137,934
Total (Capital + Support):			\$406,111

V4.0 2020 SHOPP Project List
Kings
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

06-Kings-41	Near Kettleman City, from 0.1 mile south to 0.2 mile north of Bernard Drive. Construct roundabout.	0X950	R/W: \$1,800	PA&ED: \$1,700	Prior	PA&ED: 9/29/2021
16.6/16.9		2023-24	Con: \$4,800	PS&E: \$2,200	21-22	R/W Cert: 7/14/2023
7031				R/W Sup: \$1,300	21-22	RTL: 8/4/2023
0619000078	(Additional \$1,700,000 from local contribution).			Con Sup: \$2,600	23-24	Begin Con: 3/29/2024
			Subtotal: \$6,600	\$7,800		
<i>Carryover</i>			Total Project Cost:	\$14,400		

Program 201.010 Safety Improvements
Project Output(s) 43 Collision(s) reduced

06-Kings-198	Near Hanford, from 0.4 mile east of 10th Avenue Overcrossing to 1.5 miles east of Route 43/198 Separation.	0U790	R/W: \$3	PA&ED: \$510	Prior	PA&ED: 5/4/2020
R19.4/22.5		2020-21	Con: \$3,790	PS&E: \$770	Prior	R/W Cert: 7/3/2020
6799				R/W Sup: \$35	Prior	RTL: 1/15/2021
0616000037	Upgrade gore areas, construct Maintenance Vehicle Pullouts (MVPs) and slope paving at bridges.			Con Sup: \$540	20-21	Begin Con: 7/15/2021
			Subtotal: \$3,793	\$1,855		
<i>Carryover</i>			Total Project Cost:	\$5,648		

Program 201.235 Maintenance Access
Project Output(s) 15 Location(s)

V4.0 2020 SHOPP Project List
Kings
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

06-Kings-41	In and near Stratford, from 22nd	0V110	R/W: \$120	PA&ED: \$2,300	Prior	PA&ED: 5/22/2020
30.6/33.0	Street to Laurel Avenue at the Kings	2021-22	Con: \$18,500	PS&E: \$2,700	Prior	R/W Cert: 9/1/2021
6873	River Bridge No. 45-0007. Replace 73			R/W Sup: \$400	Prior	RTL: 10/1/2021
0616000208	year old bridge due to extensive			Con Sup: \$4,100	21-22	Begin Con: 3/30/2022
	superstructure and substructure		Subtotal: \$18,620	\$9,500		
Carryover	distress and susceptibility to		Total Project Cost:	\$28,120		
	liquefaction.					

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12,066.0	12,066.0	Square feet
Post Condition	12,066.0	0.0	0.0	12,066.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 45-0007 Poor Good

ROADWAY PRESERVATION

06-Kings-41	Near Stratford, from Nevada Avenue	0W820	R/W: \$170	PA&ED: \$1,800	20-21	PA&ED: 4/4/2022
28.4/R39.8	to Route 198. Rehabilitate	2023-24	Con: \$16,400	PS&E: \$1,800	21-22	R/W Cert: 10/30/2023
6935	pavement, replace signs, upgrade			R/W Sup: \$130	21-22	RTL: 12/6/2023
0617000304	guardrail, construct rumble strips,			Con Sup: \$3,100	23-24	Begin Con: 5/1/2024
	rehabilitate drainage systems, and		Subtotal: \$16,570	\$6,830		
New	upgrade facilities to Americans with		Total Project Cost:	\$23,400		
	Disabilities Act (ADA) standards.					

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 23.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	23.0	0.0	23.0	Lane mile(s)
Post Condition	23.0	0.0	0.0	23.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Kings
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kings-41 20.0/28.4 6928 0615000309	Near Kettleman City, from Quail Avenue to Nevada Avenue. Rehabilitate roadway, upgrade lighting and guardrail, replace signs, construct rumble strips, and install Transportation Management System (TMS) elements.	0U460 2022-23	R/W: \$90 Con: \$18,200	PA&ED: \$1,000 PS&E: \$1,900 R/W Sup: \$20 Con Sup: \$2,700	20-21 21-22 21-22 22-23	PA&ED: 1/3/2022 R/W Cert: 2/1/2023 RTL: 3/6/2023 Begin Con: 8/15/2023
New			Subtotal: \$18,290	\$5,620		
			Total Project Cost:	\$23,910		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 16.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.8	0.0	16.8	Lane mile(s)
Post Condition	16.8	0.0	0.0	16.8	Lane mile(s)

ROADSIDE PRESERVATION

06-Kings-198 R16.6/R21.5 6815 0617000010	In and near Hanford, from 0.3 mile west of 12th Avenue to 0.5 mile east of Route 43/198 Separation. Electrical upgrade of booster pumps, replace irrigation mainline, valves and valve wiring.	0V820 2020-21	R/W: \$7 Con: \$1,550	PA&ED: \$270 PS&E: \$590 R/W Sup: \$22 Con Sup: \$520	Prior Prior Prior 20-21	PA&ED: 5/4/2020 R/W Cert: 7/3/2020 RTL: 1/15/2021 Begin Con: 7/15/2021
Carryover			Subtotal: \$1,557	\$1,402		
			Total Project Cost:	\$2,959		

Program 201.210 Highway Planting Restoration
Project Output(s) 17.9 Acre(s)

Kings County

R/W:	\$2,190	PA&ED:	\$7,580
Const:	\$63,240	PS&E:	\$9,960
		R/W Sup:	\$1,907
		Con Sup:	\$13,560
Subtotal:	\$65,430		\$33,007
Total (Capital + Support):			\$98,437

V4.0 2020 SHOPP Project List
Lake
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

01-Lake-20	Near Upper Lake, from 0.6 mile west	0H840	R/W: \$560	PA&ED: \$1,986	Prior	PA&ED: 9/25/2020
2.0/2.8	of Irvine Avenue to 0.1 mile east of	2021-22	Con: \$15,214	PS&E: \$2,373	20-21	R/W Cert: 3/19/2022
3123	Mid Lake Road. Improve curves and			R/W Sup: \$401	Prior	RTL: 3/20/2022
0118000117	widen shoulders.			Con Sup: \$4,395	21-22	Begin Con: 7/7/2022
			Subtotal: \$15,774	\$9,155		
<i>Carryover</i>			Total Project Cost:	\$24,929		

Program 201.010 Safety Improvements
Project Output(s) 36 Collision(s) reduced

01-Lake-29	Near Kelseyville, from Kelsey Creek	0H880	R/W: \$125	PA&ED: \$1,430	Prior	PA&ED: 3/15/2021
R34.9/R35.2	Bridge to north of Kelsy Creek Road.	2021-22	Con: \$2,875	PS&E: \$1,093	20-21	R/W Cert: 5/18/2022
3126	Construct left turn lane.			R/W Sup: \$322	20-21	RTL: 5/20/2022
0118000122				Con Sup: \$1,245	21-22	Begin Con: 8/30/2022
			Subtotal: \$3,000	\$4,090		
<i>Carryover</i>			Total Project Cost:	\$7,090		

Program 201.010 Safety Improvements
Project Output(s) 18 Collision(s) reduced

V4.0 2020 SHOPP Project List
Lake
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Lake-175 0.2/0.4 3118 0117000226	Near Hopland, from 0.2 mile east to 0.4 mile east of Mendocino County line. Curve realignment and shoulder widening.	0H460 2021-22	R/W: \$7 Con: \$2,879	PA&ED: \$510 PS&E: \$1,256 R/W Sup: \$143 Con Sup: \$975	Prior Prior Prior 21-22	PA&ED: 1/6/2020 R/W Cert: 7/1/2021 RTL: 7/15/2021 Begin Con: 12/22/2021
			Subtotal: \$2,886	\$2,884		
<i>Carryover</i>			Total Project Cost:	\$5,770		

Program 201.010 Safety Improvements
Project Output(s) 18 Collision(s) reduced

BRIDGE PRESERVATION

01-Lake-29 50.8 3130 0118000172	Near Upper Lake, at Robinson Creek Bridge No. 14-0030 (PM 50.82); also on Route 175 at Kelsey Creek Bridge No. 14-0044 (PM 19.48); also on Route 20 at Morrison Creek Bridge No. 14-0004 (PM 16.81). Widen bridge and upgrade bridge rails at Robinson Creek Bridge and Morrison Creek Bridge, and replace existing Kelsey Creek Bridge.	0E081 2020-21	R/W: \$833 Con: \$5,665	PA&ED: \$200 PS&E: \$1,882 R/W Sup: \$223 Con Sup: \$2,030	Prior Prior Prior 20-21	PA&ED: 6/15/2020 R/W Cert: 4/21/2021 RTL: 5/7/2021 Begin Con: 9/1/2021
<i>Carryover</i>			Subtotal: \$6,498	\$4,335		
			Total Project Cost:	\$10,833		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 346.0 Linear feet
3 Bridge(s)

Primary Asset
(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	136.0	142.0	278.0	Linear feet rail
Post Condition	346.0	0.0	0.0	346.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 14-0004	Good	Good
Bridge No. 14-0030	Fair	Good
Bridge No. 14-0044	Good	Good

V4.0 2020 SHOPP Project List
Lake
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

01-Lake-29	In Lake and Mendocino Counties, on	0E830	R/W: \$30	PA&ED: \$587	Prior	PA&ED: 1/2/2020
7017	Routes 20, 29, 101, 175, and 281 at	2020-21	Con: \$2,087	PS&E: \$852	Prior	R/W Cert: 12/15/2020
0115000034	various locations. Upgrade the			R/W Sup: \$50	Prior	RTL: 1/4/2021
	existing Transportation Management			Con Sup: \$1,021	20-21	Begin Con: 5/19/2021
	System (TMS) elements to improve		Subtotal: \$2,117	\$2,510		
Carryover	traffic monitoring and data		Total Project Cost:	\$4,627		
	transmission.					

Program 201.315 Transportation Management Systems
Project Output(s) 21 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	3	Field element(s)
Post Condition	100.0%		0.0%	21	Field element(s)

01-Lake-53	In Lake County, on Routes 20, 29, 53,	0E820	R/W: \$39	PA&ED: \$618	Prior	PA&ED: 1/2/2020
	and 175 at various locations.	2020-21	Con: \$2,123	PS&E: \$844	Prior	R/W Cert: 12/15/2020
3104	Upgrade the existing Transportation			R/W Sup: \$186	Prior	RTL: 1/4/2021
0115000033	Management System (TMS) elements			Con Sup: \$1,073	20-21	Begin Con: 5/19/2021
	to improve traffic monitoring and		Subtotal: \$2,162	\$2,721		
Carryover	data transmission.		Total Project Cost:	\$4,883		

Program 201.315 Transportation Management Systems
Project Output(s) 30 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition				0	Field element(s)
Post Condition				0	Field element(s)

Lake County

R/W:	\$1,594	PA&ED:	\$5,331
Const:	\$30,843	PS&E:	\$8,300
		R/W Sup:	\$1,325
		Con Sup:	\$10,739
Subtotal:	\$32,437		\$25,695
Total (Capital + Support):			\$58,132

V4.0 2020 SHOPP Project List
Lassen
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

02-Lassen-44 0.0/37.2 3706 0218000038	Near Susanville, from Shasta County line to Plumas County line. Rehabilitate pavement, upgrade guardrail and Transportation Management System (TMS) elements, and pave Maintenance Vehicle Pullouts (MVPs).	3H820 2022-23	R/W: \$209 Con: \$36,940	PA&ED: \$850 PS&E: \$1,010 R/W Sup: \$130 Con Sup: \$1,730	20-21 21-22 21-22 22-23	PA&ED: 1/10/2022 R/W Cert: 12/23/2022 RTL: 1/25/2023 Begin Con: 6/20/2023
New			Subtotal: \$37,149	\$3,720		
			Total Project Cost:	\$40,869		

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 75.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	75.5	0.0	75.5	Lane mile(s)
Post Condition	75.5	0.0	0.0	75.5	Lane mile(s)

02-Lassen-139 0.7/11.0 3718 0218000074	Near Susanville, from north of Chestnut Street to 2.7 miles south of Horse Lake Road. Rehabilitate pavement, upgrade guardrail and concrete barrier, pave Maintenance Vehicle Pullouts (MVPs) and chain area, rehabilitate drainage systems, and upgrade facilities to meet Americans with Disabilities Act (ADA) standards.	4H070 2023-24	R/W: \$132 Con: \$12,140	PA&ED: \$1,120 PS&E: \$1,150 R/W Sup: \$60 Con Sup: \$1,020	20-21 22-23 22-23 23-24	PA&ED: 11/16/2022 R/W Cert: 2/16/2024 RTL: 4/12/2024 Begin Con: 8/16/2024
New			Subtotal: \$12,272	\$3,350		
			Total Project Cost:	\$15,622		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 20.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.7	7.8	20.5	Lane mile(s)
Post Condition	20.5	0.0	0.0	20.5	Lane mile(s)

Lassen County

R/W:	\$341	PA&ED:	\$1,970
Const:	\$49,080	PS&E:	\$2,160
		R/W Sup:	\$190
		Con Sup:	\$2,750

Subtotal: \$49,421 \$7,070
Total (Capital + Support): \$56,491

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

07-Los Angeles-1 8.7 5323 0718000034	In Los Angeles County, near Carson at Texaco Railroad Overhead Bridge No. 53-2152. Construct soldier pile retaining walls to replace existing deteriorated crib walls.	34380 2021-22	R/W: \$1,252 Con: \$6,348	PA&ED: \$683 PS&E: \$2,322 R/W Sup: \$1,164 Con Sup: \$3,022	Prior Prior Prior 21-22	PA&ED: 7/30/2020 R/W Cert: 1/28/2022 RTL: 3/30/2022 Begin Con: 9/30/2022
<i>Carryover</i>			Subtotal: \$7,600	\$7,191		
			Total Project Cost:	\$14,791		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

07-Los Angeles-1 42.5 5059 0716000335	In Malibu, south of Big Rock Drive. Shoreline embankment restoration by installing Rock Slope Protection (RSP) armament.	4X970 2021-22	R/W: \$4,900 Con: \$3,300	PA&ED: \$1,600 PS&E: \$2,400 R/W Sup: \$950 Con Sup: \$2,750	Prior Prior Prior 21-22	PA&ED: 11/30/2020 R/W Cert: 11/5/2021 RTL: 12/31/2021 Begin Con: 8/1/2022
<i>Carryover</i>			Subtotal: \$8,200	\$7,700		
			Total Project Cost:	\$15,900		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-14 R27.0/R28.1 5293 0717000331	In Santa Clarita, from north of Newhall Avenue to Placerita Canyon Road. Permanent restoration of sideslope storm damage by constructing three catchment walls to stabilize slopes and prevent material from falling onto the roadway.	34280 2021-22	R/W: \$410 Con: \$21,388	PA&ED: \$1,870 PS&E: \$4,222 R/W Sup: \$3,543 Con Sup: \$4,900	Prior Prior Prior 21-22	PA&ED: 11/27/2019 R/W Cert: 12/28/2021 RTL: 12/28/2021 Begin Con: 8/30/2022
<i>Carryover</i>			Subtotal: \$21,798 Total Project Cost:	\$14,535 \$36,333		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

07-Los Angeles-27 1.0/1.2 5291 0717000323	Near Malibu, from 1.0 to 1.1 miles north of Pacific Coast Highway (Route 1). Stabilize slope damaged by storms to prevent falling rocks from blocking the road or injuring motorists.	34260 2021-22	R/W: \$4,103 Con: \$23,568	PA&ED: \$1,760 PS&E: \$5,318 R/W Sup: \$430 Con Sup: \$8,521	Prior 21-22 20-21 21-22	PA&ED: 10/7/2020 R/W Cert: 2/10/2022 RTL: 3/11/2022 Begin Con: 9/23/2022
<i>Carryover</i>			Subtotal: \$27,671 Total Project Cost:	\$16,029 \$43,700		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-110 23.1 5485 0718000272	In the city of Los Angeles, at Third Street Overcrossing Bridge No. 53 -0684. Replace bridge railing with concrete barriers and upgrade lighting.	35330 2021-22	R/W: \$18 Con: \$4,547	PA&ED: \$822 PS&E: \$2,085 R/W Sup: \$12 Con Sup: \$1,630	Prior Prior Prior 21-22	PA&ED: 4/3/2020 R/W Cert: 10/1/2021 RTL: 11/3/2021 Begin Con: 10/28/2022
<i>Carryover</i>			Subtotal: \$4,565 Total Project Cost:	\$4,549 \$9,114		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

07-Los Angeles-405 48.0/48.5 5296 0718000008	In the city of Los Angeles (Granada Hills, Mission Hills, Sylmar), from Rinaldi Street to Route 5. Permanent restoration of eroded roadway cutslopes, modification of drainage systems, and placement of erosion control measures.	34320 2020-21	R/W: \$10 Con: \$14,357	PA&ED: \$1,579 PS&E: \$2,297 R/W Sup: \$430 Con Sup: \$5,025	Prior Prior Prior 20-21	PA&ED: 3/13/2020 R/W Cert: 1/19/2021 RTL: 3/18/2021 Begin Con: 10/21/2021
<i>Carryover</i>			Subtotal: \$14,367 Total Project Cost:	\$9,331 \$23,698		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

07-Los Angeles-1 4.7/6.6 5434 0718000212	In Long Beach, from Stanley Avenue to Cedar Avenue. Upgrade traffic signals, install protected left turn phases, install pedestrian push buttons and pedestrian signals, and upgrade curb ramps to Americans with Disabilities Act (ADA) standards to improve pedestrian and bicycle safety.	35200 2021-22	R/W: \$786 Con: \$3,845	PA&ED: \$521 PS&E: \$1,773 R/W Sup: \$997 Con Sup: \$1,597	Prior Prior Prior 21-22	PA&ED: 10/31/2019 R/W Cert: 1/3/2022 RTL: 1/31/2022 Begin Con: 9/1/2022
<i>Carryover</i>			Subtotal: \$4,631	\$4,888		
			Total Project Cost:	\$9,519		

Program 201.010 Safety Improvements
Project Output(s) 12 Collision(s) reduced

07-Los Angeles-5 17.9/18.0 5433 0718000205	In the city of Los Angeles, at Cesar Chavez Avenue. Upgrade traffic signal, Americans with Disabilities Act (ADA) curb ramps, and install flashing beacons.	35180 2020-21	R/W: \$134 Con: \$1,312	PA&ED: \$442 PS&E: \$975 R/W Sup: \$64 Con Sup: \$760	Prior Prior Prior 20-21	PA&ED: 8/30/2019 R/W Cert: 5/28/2021 RTL: 6/30/2021 Begin Con: 3/2/2022
<i>Carryover</i>			Subtotal: \$1,446	\$2,241		
			Total Project Cost:	\$3,687		

Program 201.010 Safety Improvements
Project Output(s) 3 Collision(s) reduced

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-110 25.8/30.6 5083 0716000231	In the city of Los Angeles and South Pasadena, between Figueroa Street and Orange Grove Avenue. Convert outside lane to a dynamic lane/shoulder that can switch between the two depending on prevailing traffic conditions. This will require Dynamic Message Signs (DMS) monitored by the Transportation Management Center (TMC).	33150 2020-21	R/W: \$4,982 Con: \$25,284	PA&ED: \$2,835 PS&E: \$3,735 R/W Sup: \$1,318 Con Sup: \$5,390	Prior Prior Prior 20-21	PA&ED: 12/6/2020 R/W Cert: 5/1/2021 RTL: 6/30/2021 Begin Con: 1/16/2022
Carryover			Subtotal: \$30,266 Total Project Cost:	\$13,278 \$43,544		
			<i>SBI Baseline Agreement Required</i>			
			Program	201.010 Safety Improvements		
			Project Output(s)	504 Collision(s) reduced		
07-Los Angeles-138 43.8 5435 0718000213	In Palmdale, at the intersection of 2nd Street East. Install new traffic signal, install pedestrian signal heads with countdown and Audible Pedestrian Signals (APS), install marked crosswalks, and upgrade curb ramps to Americans with Disabilities Act (ADA) standards.	35210 2021-22	R/W: \$118 Con: \$975	PA&ED: \$496 PS&E: \$987 R/W Sup: \$152 Con Sup: \$1,074	Prior Prior Prior 21-22	PA&ED: 9/13/2019 R/W Cert: 1/28/2022 RTL: 2/28/2022 Begin Con: 10/14/2022
Carryover			Subtotal: \$1,093 Total Project Cost:	\$2,709 \$3,802		
			Program	201.010 Safety Improvements		
			Project Output(s)	5 Collision(s) reduced		

V4.0 2020 SHOPP Project List
Los Angeles
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-170 R16.6/R19.6 5572 0719000165	In the city of Los Angeles, from Oxnard Street to south of Roscoe Boulevard. Place High Friction Surface Treatment (HFST).	35880 2021-22	R/W: \$10 Con: \$758	PA&ED: \$433 PS&E: \$706 R/W Sup: \$21 Con Sup: \$729	Prior 21-22 21-22 21-22	PA&ED: 5/1/2020 R/W Cert: 8/5/2021 RTL: 9/1/2021 Begin Con: 4/1/2022
<i>Carryover</i>			Subtotal: \$768	\$1,889		
			Total Project Cost:	\$2,657		

Program 201.010 Safety Improvements
Project Output(s) 67 Collision(s) reduced

07-Los Angeles-Var 4969 0716000022	In Los Angeles and Ventura Counties, on various routes and locations. Upgrade and install new curve warning signs.	31930 2020-21	R/W: \$10 Con: \$2,090	PA&ED: \$594 PS&E: \$1,571 R/W Sup: \$12 Con Sup: \$878	Prior Prior Prior 20-21	PA&ED: 12/2/2019 R/W Cert: 9/1/2020 RTL: 10/1/2020 Begin Con: 7/30/2021
<i>Carryover</i>			Subtotal: \$2,100	\$3,055		
			Total Project Cost:	\$5,155		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-2 26.7/79.2 5151 0716000270	In Los Angeles County, in Angeles National Forest, from 0.3 mile east of Bay Tree Road to 0.7 mile west of Big Pines Highway at various locations.	33250 2020-21	R/W: \$28 Con: \$17,900	PA&ED: \$1,020 PS&E: \$2,670 R/W Sup: \$20 Con Sup: \$2,600	Prior Prior Prior 20-21	PA&ED: 6/19/2019 R/W Cert: 4/13/2021 RTL: 5/13/2021 Begin Con: 12/10/2021
Carryover	Upgrade existing guardrail and install new guardrail, and install stormwater Treatment Best Management Practices (BMPs).		Subtotal: \$17,928	\$6,310		
			Total Project Cost:	\$24,238		

Program 201.015 Collision Severity Reduction
Project Output(s) 24 Collision(s) reduced

07-Los Angeles-10 21.6/31.0 5077 0716000213	In the cities of Monterey Park, Rosemead, and El Monte, from 0.7 mile west of South Fremont Avenue Undercrossing (UC) to 0.5 mile east of Durfee Avenue UC. Upgrade twenty-seven overhead sign posts, associated pedestals, and concrete barriers to current standards to reduce the potential snagging for out of control vehicles.	33030 2021-22	R/W: \$200 Con: \$4,046	PA&ED: \$635 PS&E: \$1,820 R/W Sup: \$531 Con Sup: \$1,945	Prior Prior Prior 21-22	PA&ED: 1/17/2020 R/W Cert: 9/10/2021 RTL: 11/5/2021 Begin Con: 7/8/2022
Carryover			Subtotal: \$4,246	\$4,931		
			Total Project Cost:	\$9,177		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-39 32.2/38.4 5046 0716000132	Near Azusa, from 0.9 mile north of North Fork San Gabriel Bridge No. 53 -2245 to 0.2 mile north of Crystal Lake Road (PM T32.1 to 38.4). Upgrade guardrail and end treatments to current standards.	32760 2020-21	R/W: \$20 Con: \$4,190	PA&ED: \$486 PS&E: \$1,893 R/W Sup: \$10 Con Sup: \$1,284	Prior Prior 20-21 20-21	PA&ED: 10/31/2019 R/W Cert: 1/8/2021 RTL: 2/5/2021 Begin Con: 10/8/2021
Carryover			Subtotal: \$4,210 Total Project Cost:	\$3,673 \$7,883		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

07-Los Angeles-91 6.3/18.1 4968 0716000020	In the cities of Compton, Paramount and Bellflower; also on Route 105 (PM R0.50/R18.14), Route 110 (PM 1.23/R11.89) and Route 405 (PM 0.27/28.51). Construct shoulder rumble strips ground-in indentations where right shoulder is less than four feet.	31920 2020-21	R/W: \$10 Con: \$2,300	PA&ED: \$156 PS&E: \$400 R/W Sup: \$30 Con Sup: \$550	Prior Prior Prior 20-21	PA&ED: 6/21/2019 R/W Cert: 11/2/2020 RTL: 12/1/2020 Begin Con: 7/30/2021
Carryover			Subtotal: \$2,310 Total Project Cost:	\$1,136 \$3,446		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-105 R4.3/R5.0 5534 0719000064	In Inglewood and Hawthorne, from East of Yukon Avenue to east of Crenshaw Boulevard. Apply High Friction Surface Treatment (HFST), upgrade guardrail, upgrade Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35700 2022-23	R/W: \$37 Con: \$4,358	PA&ED: \$506 PS&E: \$1,629 R/W Sup: \$24 Con Sup: \$1,498	20-21 20-21 21-22 22-23	PA&ED: 12/1/2020 R/W Cert: 11/1/2022 RTL: 1/3/2023 Begin Con: 11/1/2023
New			Subtotal: \$4,395 Total Project Cost:	\$3,657 \$8,052		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

07-Los Angeles-5 39.4/R44.4 4975 0716000028	In the city of Los Angeles, near San Fernando and Sylmar, from Route 118 to Balboa Boulevard. Construct Maintenance Vehicle Pullouts (MVPs), access roads and gates, relocate irrigation facilities, upgrade electrical pull boxes, pave slopes, narrow areas, beyond gore and under guardrail.	31990 2020-21	R/W: \$31 Con: \$3,100	PA&ED: \$495 PS&E: \$1,322 R/W Sup: \$16 Con Sup: \$1,295	Prior Prior Prior 20-21	PA&ED: 10/4/2019 R/W Cert: 1/8/2021 RTL: 2/8/2021 Begin Con: 10/4/2021
Carryover			Subtotal: \$3,131 Total Project Cost:	\$3,128 \$6,259		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 128 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-14 R31.4/36.5 4976 0716000029	In and near Santa Clarita, from Canyon Park Boulevard to Spring Canyon Road Undercrossing. Place vegetation control under guardrail, minor concrete beyond gore, slope pave beneath abutments, rock blanket at narrow areas, cable mesh drapery systems and install sign post sleeves beyond gore.	32000 2020-21	R/W: \$19 Con: \$3,063	PA&ED: \$459 PS&E: \$1,047 R/W Sup: \$55 Con Sup: \$954	Prior Prior Prior 20-21	PA&ED: 10/31/2019 R/W Cert: 10/1/2020 RTL: 12/15/2020 Begin Con: 8/13/2021
Carryover			Subtotal: \$3,082 Total Project Cost:	\$2,515 \$5,597		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 72 Location(s)

07-Los Angeles-57 R0.0/5.5 5023 0716000078	In and near Diamond Bar, from Orange County line to 0.1 mile west of Hospital Overcrossing. Construct Maintenance Vehicle Pullouts (MVPs), pave beyond gore areas and construct biofiltration swales.	32480 2021-22	R/W: \$15 Con: \$2,885	PA&ED: \$183 PS&E: \$585 R/W Sup: \$22 Con Sup: \$666	Prior Prior 21-22 21-22	PA&ED: 8/30/2019 R/W Cert: 9/22/2021 RTL: 10/21/2021 Begin Con: 1/29/2021
Carryover			Subtotal: \$2,900 Total Project Cost:	\$1,456 \$4,356		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 23 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-101 R6.2/R9.2 5072 0716000203	In the city of Los Angeles, from Wilton Place Overcrossing (OC) to Barham Boulevard OC. Place minor concrete at narrow paving areas and slopes, pave areas beyond gore, replace fencing and gates, install sign post sleeves and construct Maintenance Vehicle Pullouts (MVPs).	32960 2021-22	R/W: \$15 Con: \$3,185	PA&ED: \$518 PS&E: \$1,520 R/W Sup: \$20 Con Sup: \$1,465	Prior 20-21 20-21 21-22	PA&ED: 8/21/2020 R/W Cert: 10/27/2021 RTL: 12/1/2021 Begin Con: 8/1/2022
<i>Carryover</i>			Subtotal: \$3,200	\$3,523		
			Total Project Cost:			\$6,723

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 142 Location(s)

07-Los Angeles-101 11.0/23.5 5363 0718000070	In the city of Los Angeles, from south of Vineland Avenue to north of Winnetka Avenue. Enhance highway worker safety by paving areas beyond the gore, constructing Maintenance Vehicle Pullouts (MVPs), installing gates and fences, relocating controller cabinets, and installing cable railing.	34600 2023-24	R/W: \$121 Con: \$3,741	PA&ED: \$844 PS&E: \$1,806 R/W Sup: \$36 Con Sup: \$1,648	20-21 21-22 21-22 23-24	PA&ED: 9/20/2021 R/W Cert: 5/16/2023 RTL: 7/14/2023 Begin Con: 3/11/2024
<i>New</i>			Subtotal: \$3,862	\$4,334		
			Total Project Cost:			\$8,196

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 122 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-110 3.5/6.0 5214 0716000401	In and near Carson, from West Anaheim Street to E 228th Street. Construct Maintenance Vehicle Pullouts (MVPs), rock blankets, access roads fences/gates, stairways to	33650 2021-22	R/W: \$42 Con: \$2,128	PA&ED: \$730 PS&E: \$1,701 R/W Sup: \$46 Con Sup: \$1,129	Prior Prior Prior 21-22	PA&ED: 1/30/2020 R/W Cert: 7/15/2021 RTL: 7/30/2021 Begin Con: 5/13/2022
<i>Carryover</i>	access slopes, relocate controller cabinets and signs.		Subtotal: \$2,170	\$3,606		
			Total Project Cost:	\$5,776		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 38 Location(s)

07-Los Angeles-110 20.0/23.6 4973 0716000026	In the city of Los Angeles, from Exposition Boulevard to Temple Street. Pave beyond gore, slope paving under structures, construct Maintenance Vehicle Pullouts (MVPs),	31970 2020-21	R/W: \$9 Con: \$2,427	PA&ED: \$512 PS&E: \$1,460 R/W Sup: \$93 Con Sup: \$964	Prior Prior Prior 20-21	PA&ED: 12/24/2019 R/W Cert: 1/26/2021 RTL: 3/1/2021 Begin Con: 12/22/2021
<i>Carryover</i>	upgrade end treatment to Smart cushion crash attenuator and place vegetation control under guardrail.		Subtotal: \$2,436	\$3,029		
			Total Project Cost:	\$5,465		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 76 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-118 R4.5/R9.1 5216 0717000014	In the cities of Granada Hills and Porter Ranch, from 700 feet west of Tampa Avenue to Woodley Avenue. Construct Maintenance Vehicle Pullouts (MVPs), pave beyond gore, repave side slopes, relocate irrigation controller, and provide access gates.	33680 2021-22	R/W: \$163 Con: \$2,669	PA&ED: \$659 PS&E: \$1,677 R/W Sup: \$53 Con Sup: \$1,513	Prior 20-21 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 10/1/2021 RTL: 12/1/2021 Begin Con: 7/1/2022
<i>Carryover</i>			Subtotal: \$2,832	\$3,902		
			Total Project Cost:			\$6,734

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 30 Location(s)

07-Los Angeles-170 R14.5/R16.6 5073 0716000204	In the cities of Los Angeles and North Hollywood, from 170/134 Junction to Oxnard Street Undercrossing. Construct Maintenance Vehicle Pullouts (MVPs), access trail, minor concrete beyond gore and along ramps, rock blanket at ramps, install fencing and gates, vandal resistant pedestrian undercrossing enclosures.	32970 2021-22	R/W: \$41 Con: \$3,262	PA&ED: \$526 PS&E: \$1,313 R/W Sup: \$34 Con Sup: \$1,025	Prior 20-21 20-21 21-22	PA&ED: 8/14/2020 R/W Cert: 11/1/2021 RTL: 12/1/2021 Begin Con: 8/1/2022
<i>Carryover</i>			Subtotal: \$3,303	\$2,898		
			Total Project Cost:			\$6,201

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 84 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-405 7.0/12.9 5000 0716000052	In Long Beach and Carson, from east of the Route 710/405 Interchange to Route 110/405 Interchange. Construct access roads, pave around gore areas, construct Maintenance Vehicle Pullouts (MVPs), minor/patterned concrete paving on slopes, upgrade guardrail and end treatment, vegetation management control.	32180 2021-22	R/W: \$411 Con: \$2,912	PA&ED: \$440 PS&E: \$1,586 R/W Sup: \$37 Con Sup: \$1,300	Prior 20-21 20-21 21-22	PA&ED: 1/6/2020 R/W Cert: 7/14/2021 RTL: 9/3/2021 Begin Con: 1/7/2022
Carryover			Subtotal: \$3,323 Total Project Cost:	\$3,363 \$6,686		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 35 Location(s)
07-Los Angeles-405 12.9/R21.5 5227 0717000063	In various cities, from 405/110 Junction to north of 405/105 Junction. Construct Maintenance Vehicle Pullouts (MVPs), access road, rock blanket at islands and between ramps and upgrade irrigation systems.	33870 2021-22	R/W: \$29 Con: \$3,806	PA&ED: \$522 PS&E: \$1,420 R/W Sup: \$102 Con Sup: \$1,311	Prior 20-21 20-21 21-22	PA&ED: 8/30/2019 R/W Cert: 8/2/2021 RTL: 9/1/2021 Begin Con: 4/1/2022
Carryover			Subtotal: \$3,835 Total Project Cost:	\$3,355 \$7,190		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 61 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-605 R0.0/R4.3 5229 0717000074 Carryover	In and near Lakewood, from Los Angeles County line to 183rd Street. Construct Maintenance Vehicle Pullouts (MVPs), anchor assemblies for sign post sleeves, access roads, cable railing, and gates.	33890 2021-22	R/W: \$20 Con: \$1,794	PA&ED: \$498 PS&E: \$1,219 R/W Sup: \$42 Con Sup: \$926	Prior 20-21 20-21 21-22	PA&ED: 12/2/2020 R/W Cert: 12/27/2021 RTL: 1/26/2022 Begin Con: 9/28/2022
			Subtotal: \$1,814	\$2,685		
			Total Project Cost:	\$4,499		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 46 Location(s)

07-Los Angeles-710 6.0/14.1 5404 0718000167 New	In Long Beach and Compton, from Shoreline Drive to north of Alondra Boulevard. Enhance highway worker safety by constructing Maintenance Vehicle Pullouts (MVPs), upgrading guardrail and end treatments, paving beyond the gore, installing erosion control, and replacing pull boxes.	34990 2023-24	R/W: \$75 Con: \$4,160	PA&ED: \$716 PS&E: \$1,864 R/W Sup: \$91 Con Sup: \$2,064	20-21 21-22 21-22 23-24	PA&ED: 7/15/2021 R/W Cert: 11/15/2023 RTL: 12/28/2023 Begin Con: 8/28/2024
			Subtotal: \$4,235	\$4,735		
			Total Project Cost:	\$8,970		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 58 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-710 R15.1/21.9 5078 0716000214	In the cities of South Gate, Bell Gardens and Commerce, from 800 feet north of Rosecrans Avenue to Atlantic Boulevard. Construct Maintenance Vehicle Pullouts (MVPs),	33050 2021-22	R/W: \$10 Con: \$2,368	PA&ED: \$613 PS&E: \$1,578 R/W Sup: \$12 Con Sup: \$1,253	Prior Prior Prior 21-22	PA&ED: 8/30/2019 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 4/29/2022
Carryover	pave narrow and gore areas, install fences/gates.		Subtotal: \$2,378 Total Project Cost:	\$3,456 \$5,834		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 36 Location(s)

MANDATES

07-Los Angeles-5 23.2/36.3 5321 0718000046	In the cities of Los Angeles, Glendale, and Burbank, from north of Fletcher Drive to Route 170. Construct stormwater Best Management Practices (BMPs).	34420 2022-23	R/W: \$315 Con: \$3,978	PA&ED: \$1,934 PS&E: \$2,503 R/W Sup: \$236 Con Sup: \$2,358	20-21 21-22 21-22 22-23	PA&ED: 7/30/2021 R/W Cert: 12/30/2022 RTL: 1/31/2023 Begin Con: 12/29/2023
New			Subtotal: \$4,293 Total Project Cost:	\$7,031 \$11,324		

Program 201.335 Storm Water Mitigation
Project Output(s) 32.3 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 36.0 5377 0718000097 New	In the city of Los Angeles, near Sun Valley, at the Fernangeles Recreation Center. Financial Contribution Only (FCO) to Los Angeles Department of Water and Power (LADWP) to install an underground infiltration gallery to treat stormwater runoff.	34740 2022-23	R/W: Con: \$17,070	PA&ED: PA&E: R/W Sup: Con Sup:	\$151 22-23 \$180 22-23 \$15 22-23 \$556 22-23	PA&ED: 8/1/2022 R/W Cert: 5/12/2023 RTL: 6/15/2023 Begin Con: 7/30/2024
			Subtotal: \$17,070		\$902	
			Total Project Cost:		\$17,972	

Program 201.335 Storm Water Mitigation
Project Output(s) 181.0 Acre(s) treated/pollutant

07-Los Angeles-10 R4.5/R5.6 5091 0716000254 Carryover	In the city of Los Angeles, from Bundy Drive Undercrossing (UC) to Sepulveda Boulevard UC; also on Route 405 from Olympic Boulevard to National Boulevard UC (PM 29.1/30.8). Install irrigation system and plant vegetation to stabilize soil.	33200 2021-22	R/W: \$10 Con: \$1,281	PA&ED: PA&E: R/W Sup: Con Sup:	\$497 \$1,054 \$16 \$1,028	Prior Prior Prior 21-22 PA&ED: 3/6/2020 R/W Cert: 10/8/2021 RTL: 11/5/2021 Begin Con: 8/5/2022
			Subtotal: \$1,291		\$2,595	
			Total Project Cost:		\$3,886	

Program 201.335 Storm Water Mitigation
Project Output(s) 38.5 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-10 46.0/48.0 4971 0716000024	In Claremont and Pomona, from east of N. Orange Grove Avenue Undercrossing to east of S. Indian Hill Boulevard Undercrossing; also on Route 71, from north of 9th Street to south of Route 60/71 Interchange (PM 1.9/4.7). Construct permanent treatment Best Management Practices (BMPs).	31950 2020-21	R/W: \$94 Con: \$10,200	PA&ED: \$2,100 PS&E: \$2,100 R/W Sup: \$200 Con Sup: \$3,400	Prior Prior Prior 20-21	PA&ED: 8/30/2019 R/W Cert: 12/31/2020 RTL: 3/1/2021 Begin Con: 7/30/2021
<i>Carryover</i>			Subtotal: \$10,294	\$7,800		
			Total Project Cost:	\$18,094		

Program 201.335 Storm Water Mitigation
Project Output(s) 40.8 Acre(s) treated/pollutant

07-Los Angeles-60 11.0/20.0 4980 0716000040	In and near South El Monte, Industry, Hacienda Heights, and Rowland Heights, from Peck Road to Nogales Street. Construct and install stormwater quality Best Management Practices (BMPs).	32040 2020-21	R/W: \$102 Con: \$10,168	PA&ED: \$1,407 PS&E: \$2,999 R/W Sup: \$28 Con Sup: \$2,064	Prior 20-21 20-21 20-21	PA&ED: 3/13/2020 R/W Cert: 1/14/2021 RTL: 3/1/2021 Begin Con: 10/8/2021
<i>Carryover</i>			Subtotal: \$10,270	\$6,498		
			Total Project Cost:	\$16,768		

Program 201.335 Storm Water Mitigation
Project Output(s) 52.5 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-60 20.0/R26.0 5025 0716000080	In and near Diamond Bar, from Fullerton Road to Diamond Bar Boulevard. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips and Gross Solids Removal Devices (GSRDs).	32500 2020-21	R/W: \$28 Con: \$5,215	PA&ED: \$1,035 PS&E: \$2,094 R/W Sup: \$27 Con Sup: \$2,188	Prior 20-21 20-21 20-21	PA&ED: 3/13/2020 R/W Cert: 8/28/2020 RTL: 9/30/2020 Begin Con: 4/30/2021
<i>Carryover</i>			Subtotal: \$5,243	\$5,344		
			Total Project Cost:	\$10,587		

Program 201.335 Storm Water Mitigation
Project Output(s) 39.4 Acre(s) treated/pollutant

07-Los Angeles-60 R28.0/R30.4 5011 0716000063	In and near Pomona, from Phillips Ranch Road to Reservoir Street. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips, detention basin and media filters.	32330 2020-21	R/W: \$15 Con: \$6,078	PA&ED: \$1,200 PS&E: \$2,865 R/W Sup: \$90 Con Sup: \$2,380	Prior 20-21 20-21 20-21	PA&ED: 3/13/2020 R/W Cert: 1/15/2021 RTL: 2/18/2021 Begin Con: 8/13/2021
<i>Carryover</i>			Subtotal: \$6,093	\$6,535		
			Total Project Cost:	\$12,628		

Program 201.335 Storm Water Mitigation
Project Output(s) 18.5 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-101 S0.0/1.5 4977 0716000030	In the city of Los Angeles, from Routes 5/10/60/101 Interchange to Figueroa Street. Plant vegetation an install supporting irrigation system to stabilize soil.	32010 2021-22	R/W: \$30 Con: \$2,650	PA&ED: \$420 PS&E: \$1,010 R/W Sup: \$50 Con Sup: \$1,000	Prior Prior Prior 21-22	PA&ED: 3/2/2020 R/W Cert: 2/22/2022 RTL: 3/28/2022 Begin Con: 9/9/2022
Carryover			Subtotal: \$2,680	\$2,480		
			Total Project Cost:	\$5,160		

Program 201.335 Storm Water Mitigation
Project Output(s) 19.5 Acre(s) treated/pollutant

07-Los Angeles-118 R1.5/R10.2 5027 0716000083	In the cities of Granada Hills and Porter Ranch, from Topango Canyon Boulevard to Sepulveda Boulevard. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips, detention basin, media filters and a Gross Solids Removal Devices (GSRDs).	32530 2020-21	R/W: \$55 Con: \$7,945	PA&ED: \$1,600 PS&E: \$3,300 R/W Sup: \$170 Con Sup: \$3,300	Prior Prior Prior 20-21	PA&ED: 8/30/2019 R/W Cert: 1/25/2021 RTL: 3/1/2021 Begin Con: 9/1/2021
Carryover			Subtotal: \$8,000	\$8,370		
			Total Project Cost:	\$16,370		

Program 201.335 Storm Water Mitigation
Project Output(s) 25.3 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-118 R11.0/R14.0 5001 0716000053	In the city of Los Angeles, from Arleta Avenue to Route 210. Construct stormwater treatment Best Management Practices (BMPs).	32200 2021-22	R/W: \$300 Con: \$11,750	PA&ED: \$2,000 PS&E: \$4,000 R/W Sup: \$250 Con Sup: \$3,500	Prior 20-21 20-21 21-22	PA&ED: 8/14/2020 R/W Cert: 11/15/2021 RTL: 12/10/2021 Begin Con: 6/24/2022
			Subtotal: \$12,050	\$9,750		
<i>Carryover</i>			Total Project Cost:	\$21,800		

Program 201.335 Storm Water Mitigation
Project Output(s) 20.0 Acre(s) treated/pollutant

07-Los Angeles-210 R33.7/R39.8 4705 0714000033	In the cities of Monrovia, Duarte, Irwindale and Azusa, from Myrtle Avenue to Azusa Avenue. Stabilize soil and erosion control.	30170 2021-22	R/W: \$88 Con: \$3,976	PA&ED: \$144 PS&E: \$1,175 R/W Sup: \$30 Con Sup: \$1,144	Prior Prior Prior 21-22	PA&ED: 6/27/2018 R/W Cert: 7/1/2021 RTL: 8/2/2021 Begin Con: 2/4/2022
			Subtotal: \$4,064	\$2,493		
<i>Carryover</i>			Total Project Cost:	\$6,557		

Program 201.335 Storm Water Mitigation
Project Output(s) 18.3 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-210 R36.0/R40.6 5009 0716000061	In and near Azusa, from 0.1 mile east of Highland Avenue Undercrossing to S. Citrus Avenue Overcrossing. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales and Austin Vault Sand Filters.	32310 2021-22	R/W: \$37 Con: \$10,045	PA&ED: \$1,890 PS&E: \$2,836 R/W Sup: \$189 Con Sup: \$3,098	Prior Prior Prior 21-22	PA&ED: 1/30/2020 R/W Cert: 8/5/2021 RTL: 9/30/2021 Begin Con: 4/15/2022
<i>Carryover</i>			Subtotal: \$10,082	\$8,013		
			Total Project Cost:	\$18,095		

Program 201.335 Storm Water Mitigation
Project Output(s) 40.0 Acre(s) treated/pollutant

07-Los Angeles-210 R41.3/R44.6 5005 0716000057	In Glendora, at various locations from 0.2 mile east of S. Barranca Avenue Overcrossing to 0.1 mile west of Amelia Avenue Undercrossing. Construct and install various stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips/trenches, infiltration basins and vault sand filters.	32260 2021-22	R/W: \$61 Con: \$7,149	PA&ED: \$1,575 PS&E: \$2,729 R/W Sup: \$242 Con Sup: \$2,730	Prior Prior Prior 21-22	PA&ED: 1/30/2020 R/W Cert: 9/3/2021 RTL: 10/29/2021 Begin Con: 5/16/2022
<i>Carryover</i>			Subtotal: \$7,210	\$7,276		
			Total Project Cost:	\$14,486		

Program 201.335 Storm Water Mitigation
Project Output(s) 42.2 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-210 R44.7/R52.1 5068 0716000178	In and near La Verne, at various locations from 0.4 mile east of S Lone Hill Avenue Undercrossing to 0.2 mile west of Base Line Road Overcrossing.	32850 2021-22	R/W: \$69 Con: \$6,147	PA&ED: \$1,900 PS&E: \$2,601 R/W Sup: \$160 Con Sup: \$2,600	Prior Prior Prior 21-22	PA&ED: 1/30/2020 R/W Cert: 7/2/2021 RTL: 8/30/2021 Begin Con: 3/15/2022
<i>Carryover</i>	Construct stormwater treatment Best Management Practices (BMPs) including Gross Solids Removal Devices (GSRDs), biofiltration swales/strips and infiltration trenches.		Subtotal: \$6,216	\$7,261		
			Total Project Cost:	\$13,477		

Program 201.335 Storm Water Mitigation
Project Output(s) 40.5 Acre(s) treated/pollutant

07-Los Angeles-405 40.1/48.1 4978 0716000031	In the city of Los Angeles, near Van Nuys, from 0.2 mile south of Burbank Boulevard to 0.5 mile south of Route 5. Plant vegetation, install irrigation, minor concrete paving, and slope paving.	32020 2020-21	R/W: \$48 Con: \$4,318	PA&ED: \$610 PS&E: \$1,590 R/W Sup: \$50 Con Sup: \$1,320	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 2/1/2021 RTL: 3/1/2021 Begin Con: 10/18/2021
<i>Carryover</i>			Subtotal: \$4,366	\$3,570		
			Total Project Cost:	\$7,936		

Program 201.335 Storm Water Mitigation
Project Output(s) 39.5 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-605 R0.0/R9.6 4997 0716000048	In the cities of Los Alamitos, Cerritos, Lakewood, Bellflower and Norwalk, from Orange County line to Route 5. Construct stormwater treatment Best Management Practices (BMPs)	32150 2021-22	R/W: \$20 Con: \$15,050	PA&ED: \$1,450 PS&E: \$3,255 R/W Sup: \$25 Con Sup: \$3,556	Prior 20-21 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 12/30/2021 RTL: 2/1/2022 Begin Con: 8/31/2022
Carryover	including biofiltration swales/strips, detention basin, Maintenance Vehicle Pullouts (MVPs) and install infiltration devices.		Subtotal: \$15,070 Total Project Cost:	\$8,286 \$23,356		

Program 201.335 Storm Water Mitigation
Project Output(s) 70.6 Acre(s) treated/pollutant

07-Los Angeles-605 R9.6/R15.7 5212 0716000393	In and near Santa Fe Springs, from Santa Ana Freeway Undercrossing to 0.1 mile north of Rose Hills Road Overcrossing. Install stormwater treatment Best Management Practices (BMPs).	33610 2021-22	R/W: \$72 Con: \$8,633	PA&ED: \$1,593 PS&E: \$3,402 R/W Sup: \$202 Con Sup: \$2,969	Prior Prior Prior 21-22	PA&ED: 2/27/2020 R/W Cert: 10/5/2021 RTL: 11/30/2021 Begin Con: 6/15/2022
Carryover			Subtotal: \$8,705 Total Project Cost:	\$8,166 \$16,871		

Program 201.335 Storm Water Mitigation
Project Output(s) 39.9 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-605 R16.5/R19.5 5234 0717000143	Near El Monte, at various locations, from 0.1 mile south of Peck Road Overcrossing to 0.1 mile north of Valley Boulevard Undercrossing.	33930 2021-22	R/W: \$96 Con: \$12,901	PA&ED: \$1,500 PS&E: \$4,550 R/W Sup: \$202 Con Sup: \$3,320	Prior Prior Prior 21-22	PA&ED: 3/30/2020 R/W Cert: 11/5/2021 RTL: 12/30/2021 Begin Con: 8/15/2022
<i>Carryover</i>	Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips, linear radial Gross Solids Removal Devices (GSRDs), infiltration basins and an Austin Vault Sand Filter.		Subtotal: \$12,997 Total Project Cost:	\$9,572 \$22,569		
			Program 201.335 Storm Water Mitigation			
			Project Output(s) 54.8 Acre(s) treated/pollutant			

07-Los Angeles-605 R20.0/R26.0 5236 0717000144	Near El Monte, from 0.2 mile south of Route 10 to 0.2 mile north of Route 210. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips, Gross Solids Removal Devices (GSRDs) and a Design Pollution Prevention Infiltration Area.	33940 2021-22	R/W: \$89 Con: \$15,187	PA&ED: \$1,576 PS&E: \$3,971 R/W Sup: \$237 Con Sup: \$4,308	Prior Prior Prior 21-22	PA&ED: 3/30/2020 R/W Cert: 12/6/2021 RTL: 1/31/2022 Begin Con: 8/15/2022
<i>Carryover</i>			Subtotal: \$15,276 Total Project Cost:	\$10,092 \$25,368		
			Program 201.335 Storm Water Mitigation			
			Project Output(s) 52.2 Acre(s) treated/pollutant			

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-710 24.4/26.7 5089 0716000252	In the city of Los Angeles, from 3rd Street to Route 10 Interchange. Install irrigation systems and plant vegetation to stabilize soil.	33180 2021-22	R/W: \$16 Con: \$3,420	PA&ED: \$600 PS&E: \$1,250 R/W Sup: \$50 Con Sup: \$1,250	Prior 20-21 20-21 21-22	PA&ED: 6/1/2020 R/W Cert: 9/21/2021 RTL: 11/23/2021 Begin Con: 5/6/2022
			Subtotal: \$3,436	\$3,150		
Carryover			Total Project Cost:	\$6,586		

Program 201.335 Storm Water Mitigation
Project Output(s) 34.2 Acre(s) treated/pollutant

07-Los Angeles-2 10.6/26.2 5392 0718000143	In the cities of Los Angeles, Glendale, and La Canada Flintridge, from Sycamore Avenue to Briartree Drive/Greenridge Drive. Upgrade facilities to Americans with Disabilities Act (ADA) standards.	34850 2022-23	R/W: \$2,320 Con: \$3,432	PA&ED: \$1,102 PS&E: \$2,220 R/W Sup: \$753 Con Sup: \$1,848	20-21 21-22 21-22 22-23	PA&ED: 9/1/2021 R/W Cert: 12/2/2022 RTL: 1/16/2023 Begin Con: 9/13/2023
			Subtotal: \$5,752	\$5,923		
New			Total Project Cost:	\$11,675		

Program 201.361 Americans with Disabilities Act New Curb Ramps
Project Output(s) 95 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	95.0	95.0	Each
Post Condition	95.0	0.0	0.0	95.0	Each

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-66 0.0/3.2 4745B 0718000285	In La Verne and Pomona, from Baseline Road to Towne Avenue. Construct and upgrade curb ramps and sidewalks to comply with Americans with Disabilities Act (ADA) standards.	30651 2021-22	R/W: \$819 Con: \$1,542	PA&ED: PS&E: \$1,100 R/W Sup: \$250 Con Sup: \$950	Prior Prior 21-22	PA&ED: 8/21/2018 R/W Cert: 7/2/2021 RTL: 8/2/2021 Begin Con: 2/2/2022
Carryover			Subtotal: \$2,361 Total Project Cost:	\$2,300 \$4,661		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 20 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	20.0	20.0	Each
Post Condition	20.0	0.0	0.0	20.0	Each

07-Los Angeles-72 0.0/6.8 5158 0716000299	In Whittier, from Valley Home Avenue to Esperanza Avenue. Construct and upgrade curb ramps, sidewalks, driveways, pedestrian pathways, Class III bikeway lanes, Accessible Pedestrian Signals (APS) and push buttons to meet current Americans with Disabilities Act (ADA) standards.	33310 2021-22	R/W: \$1,000 Con: \$5,781	PA&ED: \$900 PS&E: \$4,000 R/W Sup: \$4,600 Con Sup: \$2,200	Prior 20-21 20-21 21-22	PA&ED: 5/1/2020 R/W Cert: 3/2/2022 RTL: 3/17/2022 Begin Con: 11/7/2022
Carryover			Subtotal: \$6,781 Total Project Cost:	\$11,700 \$18,481		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 170 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	170.0	170.0	Each
Post Condition	170.0	0.0	0.0	170.0	Each

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-107 0.0/4.8 4749B 0718000318	In Torrance, from Route 1 to Redondo Beach Boulevard. Construct curb ramps and reconstruct driveways/sidewalks to meet Americans with Disabilities Act (ADA) standards.	30702 2021-22	R/W: \$3,850 Con: \$2,950	PA&ED: PS&E: \$714 R/W Sup: \$244 Con Sup: \$1,750	Prior Prior 21-22	PA&ED: 7/8/2018 R/W Cert: 12/1/2021 RTL: 1/3/2022 Begin Con: 8/31/2022
Carryover			Subtotal: \$6,800	\$2,708		
			Total Project Cost:	\$9,508		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 71 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	71.0	71.0	Each
Post Condition	71.0	0.0	0.0	71.0	Each

07-Los Angeles-138 43.4/51.4 5185 0716000316	In Palmdale, from Route 14 Junction (south) to Avenue T. Upgrade curb ramps, traffic signals and sidewalks to meet current standards.	33370 2021-22	R/W: \$703 Con: \$8,385	PA&ED: \$695 PS&E: \$3,795 R/W Sup: \$1,401 Con Sup: \$3,225	Prior Prior Prior 21-22	PA&ED: 12/28/2020 R/W Cert: 1/18/2022 RTL: 2/18/2022 Begin Con: 10/17/2022
Carryover			Subtotal: \$9,088	\$9,116		
			Total Project Cost:	\$18,204		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 66 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	66.0	66.0	Each
Post Condition	66.0	0.0	0.0	66.0	Each

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-164 1.4/6.9 4982 0716000042	In the cities of Wittier, South Monte and Rosemead, from Gallatin Road to Rudell Underpass. Upgrade curb ramps, sidewalks and pathways to meet current Americans with Disabilities Act (ADA) standards.	32080 2021-22	R/W: \$952 Con: \$5,803	PA&ED: \$1,034 PS&E: \$3,150 R/W Sup: \$916 Con Sup: \$2,714	Prior Prior 20-21 21-22	PA&ED: 5/1/2020 R/W Cert: 9/29/2021 RTL: 10/28/2021 Begin Con: 4/25/2022
Carryover			Subtotal: \$6,755 Total Project Cost:	\$7,814 \$14,569		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 76 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	76.0	76.0	Each
Post Condition	76.0	0.0	0.0	76.0	Each

07-Los Angeles-210 R9.7/R51.9 4985 0716000119	In La Crescenta and La Canada Flintridge, from west of Sunland Boulevard to Baseline Road, near the San Bernardino County line. Reconstruct curb ramps to meet Americans with Disabilities Act (ADA) standards, install Accessible Pedestrian Signals (APS), relocate pull boxes and traffic signal poles. This is a Design-Build project.	32680 2021-22	R/W: \$1,500 Con: \$17,028	PA&ED: \$1,400 PS&E: \$1,000 R/W Sup: \$500 Con Sup: \$5,000	Prior 21-22 21-22 21-22	PA&ED: 1/15/2020 R/W Cert: 7/30/2021 RTL: 8/30/2021 Begin Con: 3/1/2022
Carryover			Subtotal: \$18,528 Total Project Cost:	\$7,900 \$26,428		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 252 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	252.0	252.0	Each
Post Condition	252.0	0.0	0.0	252.0	Each

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-213 0.0/8.0 4743B 0718000286	In the cities of Rancho Palos Verdes, Lomita and Los Angeles, from W 25th Street to W Carson Street at various locations. Upgrade curb ramps, sidewalks and driveways to meet Americans with Disabilities Act (ADA) standards.	30661 2021-22	R/W: \$2,834 Con: \$1,779	PA&ED: PS&E: \$1,700 R/W Sup: \$700 Con Sup: \$1,200	Prior Prior 21-22	PA&ED: 12/19/2018 R/W Cert: 8/2/2021 RTL: 9/2/2021 Begin Con: 4/4/2022
Carryover			Subtotal: \$4,613	\$3,600		
			Total Project Cost:	\$8,213		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 70 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	70.0	70.0	Each
Post Condition	70.0	0.0	0.0	70.0	Each

BRIDGE PRESERVATION

07-Los Angeles-1 0.0 4983 0716000043	In Long Beach, at the San Gabriel River Bridge No. 53-0060. Widen bridge and upgrade bridge rail.	32090 2023-24	R/W: \$23,210 Con: \$16,527	PA&ED: \$1,555 PS&E: \$2,759 R/W Sup: \$950 Con Sup: \$4,633	20-21 21-22 21-22 23-24	PA&ED: 9/15/2021 R/W Cert: 2/28/2024 RTL: 3/31/2024 Begin Con: 11/1/2024
New			Subtotal: \$39,737	\$9,897		
			Total Project Cost:	\$49,634		

SBI Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	28,664.0	0.0	0.0	28,664.0	Square feet
Post Condition	38,728.0	0.0	0.0	38,728.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0060	Good	Good

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-1 56.5/56.9 4498 0712000094	In Malibu, from Guernsey Avenue to Trancas Canyon Road/Broad Beach Road. Replace bridge.	29140 2020-21	R/W: \$35,000 Con: \$11,628	PA&ED: \$2,342 PS&E: \$2,123 R/W Sup: \$740 Con Sup: \$3,100	Prior Prior Prior 20-21	PA&ED: 6/30/2017 R/W Cert: 8/21/2020 RTL: 9/30/2020 Begin Con: 3/30/2021
<i>Carryover</i>			Subtotal: \$46,628	\$8,305		
			Total Project Cost:	\$54,933		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	8,148.0	8,148.0	Square feet
Post Condition	26,160.0	0.0	0.0	26,160.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0027	Poor	Good

07-Los Angeles-91 R11.8 4967 0716000017	In Long Beach, at the eastbound Route 91 to northbound Route 710 Connector Bridge No. 53-2241G over connector from northbound Route 710 to eastbound Route 91. Lower profile of connector to achieve standard vertical clearance	31910 2020-21	R/W: \$40 Con: \$3,230	PA&ED: \$910 PS&E: \$2,468 R/W Sup: \$43 Con Sup: \$2,073	Prior Prior Prior 20-21	PA&ED: 10/15/2019 R/W Cert: 2/12/2021 RTL: 3/15/2021 Begin Con: 4/15/2022
<i>Carryover</i>			Subtotal: \$3,270	\$5,494		
			Total Project Cost:	\$8,764		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	21,818.0	21,818.0	Square feet
Post Condition	21,818.0	0.0	0.0	21,818.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-2241G	Good	Good

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-103 0.1 5004 0716000056	In the city of Los Angeles, at the Union Pacific Overhead No. 53-2626. Replace the bridge deck with composite reinforced concrete.	32250 2021-22	R/W: \$1,730 Con: \$12,478	PA&ED: \$669 PS&E: \$3,482 R/W Sup: \$376 Con Sup: \$4,228	Prior Prior Prior 21-22	PA&ED: 11/12/2019 R/W Cert: 12/31/2021 RTL: 1/28/2022 Begin Con: 8/26/2022
<i>Carryover</i>			Subtotal: \$14,208	\$8,755		
			Total Project Cost:	\$22,963		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	87,840.0	87,840.0	Square feet
Post Condition	87,840.0	0.0	0.0	87,840.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-2626	Poor	Good

07-Los Angeles-210 R36.8 5026 0716000082	In Irwindale, on the San Gabriel River Bridge No. 53-1867. Reconstruct hinge diaphragms at hinge 4 and hinge 6, upgrade bridge railing and reinstall electroliers.	32520 2020-21	R/W: \$596 Con: \$18,697	PA&ED: \$1,061 PS&E: \$3,665 R/W Sup: \$444 Con Sup: \$4,244	Prior Prior Prior 20-21	PA&ED: 10/4/2019 R/W Cert: 12/7/2020 RTL: 1/6/2021 Begin Con: 10/28/2021
<i>Carryover</i>			Subtotal: \$19,293	\$9,414		
			Total Project Cost:	\$28,707		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	139,664.0	139,664.0	Square feet
Post Condition	139,664.0	0.0	0.0	139,664.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-1867	Good	Good

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-710 22.2 5499 0718000355	In Commerce and Vernon, at Hobart Rail Yard Overhead No. 53-0840. Rehabilitate, clean, and paint bridge.	35470 2023-24	R/W: \$732 Con: \$17,117	PA&ED: \$449 PS&E: \$1,602 R/W Sup: \$413 Con Sup: \$3,704	20-21 21-22 21-22 23-24	PA&ED: 7/16/2021 R/W Cert: 1/16/2024 RTL: 3/29/2024 Begin Con: 1/22/2025
			Subtotal: \$17,849	\$6,168		
New			Total Project Cost:	\$24,017		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	139,123.0	0.0	139,123.0	Square feet
Post Condition	139,123.0	0.0	0.0	139,123.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 53-0840	Fair	Good
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07-Los Angeles-405 0.0 4984 0716000044	In Long Beach, at the San Gabriel River Bridge No. 53-1185 and SB 605 to NB I-405 Connector Bridge No. 53 -1737H; also in Orange County on Route 405 at the SB 405 to NB 605 Connector Bridge No. 55-0413F.	32100 2021-22	R/W: \$254 Con: \$15,831	PA&ED: \$2,140 PS&E: \$6,840 R/W Sup: \$300 Con Sup: \$5,840	Prior Prior Prior 21-22	PA&ED: 3/30/2020 R/W Cert: 2/16/2022 RTL: 3/18/2022 Begin Con: 2/1/2023
Carryover			Subtotal: \$16,085	\$15,120		
			Total Project Cost:	\$31,205		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 3 Bridge(s)

Primary Asset

(Scour)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	115,833.0	115,833.0	Square feet
Post Condition	115,833.0	0.0	0.0	115,833.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 53-1185	Good	Good
Bridge No. 53-1737H	Fair	Fair
Bridge No. 55-0413F	Fair	Fair

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY	FY	
07-Los Angeles-2 12.7 5429 0718000191	In Los Angeles County, on various routes at Santa Monica Bridge No. 53 -0675, First Street Undercrossing No. 53 -0582, Alvarado Street Separation No. 53-0617 and Avenue 60 on and offramp Bridge No. 53-0986S. Upgrade bridge rails, upgrade guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35150 2023-24	R/W: \$245 Con: \$5,725	PA&ED: \$1,238 PS&E: \$2,764 R/W Sup: \$69 Con Sup: \$2,463	20-21 22-23 22-23 23-24	PA&ED: 9/1/2022 R/W Cert: 12/1/2023 RTL: 1/3/2024 Begin Con: 9/4/2024	
New			Subtotal: \$5,970	\$6,534			
			Total Project Cost:	\$12,504			
			Program	201.112 Bridge Rail Replacement and Upgrade			
			Project Output(s)	1,486.0 Linear feet 4 Bridge(s)			

Primary Asset

(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,486.0	1,486.0	Linear feet rail
Post Condition	1,486.0	0.0	0.0	1,486.0	Linear feet rail

Bridge Health

Existing Condition Post Condition

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0582	Fair	Good
Bridge No. 53-0617	Good	Good
Bridge No. 53-0675	Good	Good
Bridge No. 53-0986S	Good	Good

07-Los Angeles-39 20.7 5396 0718000152	Near Azusa, at Van Orum Canyon Bridge No. 53-0115. Upgrade bridge rail and install guardrail.	34890 2023-24	R/W: \$14 Con: \$1,125	PA&ED: \$533 PS&E: \$1,484 R/W Sup: \$67 Con Sup: \$1,225	20-21 21-22 21-22 23-24	PA&ED: 8/2/2021 R/W Cert: 8/13/2023 RTL: 10/6/2023 Begin Con: 7/19/2024
New			Subtotal: \$1,139	\$3,309		
			Total Project Cost:	\$4,448		
			Program	201.112 Bridge Rail Replacement and Upgrade		
			Project Output(s)	205.0 Linear feet 1 Bridge(s)		

Primary Asset

(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	205.0	205.0	Linear feet rail
Post Condition	205.0	0.0	0.0	205.0	Linear feet rail

Bridge Health

Existing Condition Post Condition

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0115	Fair	Fair

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS		Milestones
					Allocation FY		
07-Los Angeles-103 0.9 5355 0718000063	In the city of Los Angeles, near Wilmington, at the Anaheim Street Overhead No. 53-2627. Upgrade bridge rail.	34490 2023-24	R/W: \$68 Con: \$5,568	PA&ED: \$872 PS&E: \$1,712 R/W Sup: \$104 Con Sup: \$2,130	20-21 21-22 21-22 23-24	20-21 21-22 21-22 23-24	PA&ED: 8/13/2021 R/W Cert: 2/15/2024 RTL: 3/29/2024 Begin Con: 12/9/2024
<i>New</i>			Subtotal: \$5,636	\$4,818			
			Total Project Cost:	\$10,454			

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 3,168.0 Linear feet
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,168.0	3,168.0	Linear feet rail
Post Condition	3,168.0	0.0	0.0	3,168.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 53-2627 Good Good

07-Los Angeles-110 22.8 5002 0716000054	In the city of Los Angeles, at the 5th Street Overcrossing No. 53-0685 and 6th Street Overcrossing No. 53-0746. Upgrade bridge railing.	32230 2020-21	R/W: \$115 Con: \$3,776	PA&ED: \$465 PS&E: \$1,673 R/W Sup: \$30 Con Sup: \$1,776	Prior Prior Prior 20-21	PA&ED: 10/1/2019 R/W Cert: 3/15/2021 RTL: 4/26/2021 Begin Con: 7/30/2021
<i>Carryover</i>			Subtotal: \$3,891	\$3,944		
			Total Project Cost:	\$7,835		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,565.0 Linear feet
2 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,565.0	1,565.0	Linear feet rail
Post Condition	1,565.0	0.0	0.0	1,565.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 53-0685 Good Good

Bridge No. 53-0746 Good Good

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-134 R12.6 5003 0716000055	In Pasadena, at the Arroyo Seco Bridge No. 53-0166. Replace/upgrade bridge railing.	32240 2021-22	R/W: \$2,530 Con: \$5,420	PA&ED: \$1,300 PS&E: \$2,320 R/W Sup: \$200 Con Sup: \$2,860	Prior 21-22 21-22 21-22	PA&ED: 2/7/2020 R/W Cert: 8/30/2021 RTL: 9/30/2021 Begin Con: 2/25/2022
			Subtotal: \$7,950	\$6,680		
Carryover			Total Project Cost:	\$14,630		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 3,434.0 Linear feet
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	3,434.0	0.0	3,434.0	Linear feet rail
Post Condition	3,434.0	0.0	0.0	3,434.0	Linear feet rail

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 53-0166 Good Good

07-Los Angeles-1 7.0/7.2 5364 0718000071	In Long Beach, at Los Angeles River Bridge No. 53-0341 and De Forest Avenue Undercrossing No. 53-1047. Seismic retrofit, upgrade bridge rails, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	34610 2022-23	R/W: \$238 Con: \$19,877	PA&ED: \$1,570 PS&E: \$4,204 R/W Sup: \$357 Con Sup: \$6,538	20-21 21-22 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 2/2/2023 RTL: 3/8/2023 Begin Con: 11/1/2023
			Subtotal: \$20,115	\$12,669		
New			Total Project Cost:	\$32,784		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 2 Bridge(s)

**Primary Asset
(Seismic)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	49,417.0	49,417.0	Square feet
Post Condition	49,417.0	0.0	0.0	49,417.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 53-0341 Good Good

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 22.5 5414 0718000189	In the city of Los Angeles, at Connector Undercrossing Bridge No. 53-0577 at Route 2. Seismic retrofit bridge and upgrade guardrail.	35130 2022-23	R/W: \$45 Con: \$5,430	PA&ED: \$1,270 PS&E: \$2,620 R/W Sup: \$55 Con Sup: \$2,440	20-21 21-22 21-22 22-23	PA&ED: 9/30/2021 R/W Cert: 3/1/2023 RTL: 3/30/2023 Begin Con: 12/15/2023
<i>New</i>			Subtotal: \$5,475	\$6,385		
			Total Project Cost:	\$11,860		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	43,917.0	43,917.0	Square feet
Post Condition	43,917.0	0.0	0.0	43,917.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0577	Good	Good

07-Los Angeles-5 R87.4 5032 0716000091	Near Kern County line, at the Tejon Pass Overcrossing No. 53-1779. Seismic retrofit of bridge, widen bridge abutments, add steel casing to bent columns, retrofit bent foundation and install micro piles.	32590 2021-22	R/W: \$100 Con: \$2,020	PA&ED: \$700 PS&E: \$1,856 R/W Sup: \$200 Con Sup: \$1,500	Prior 20-21 20-21 21-22	PA&ED: 1/15/2020 R/W Cert: 6/15/2021 RTL: 7/15/2021 Begin Con: 1/5/2022
<i>Carryover</i>			Subtotal: \$2,120	\$4,256		
			Total Project Cost:	\$6,376		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	7,890.0	7,890.0	Square feet
Post Condition	7,890.0	0.0	0.0	7,890.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-1779	Good	Good

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-91 R10.2/R10.3 4704 0714000024	In Compton, at Compton Creek Bridge Overhead and offramp No. 53 -2235 and No. 53-2237S; also in Long Beach, on Routes 710 and 110, at Harbor Scenic Drive Overhead No. 53 -2934 (PM 6.0) and Gaffy Street Bridge No. 53-0397Y (PM R0.8). Bridge seismic retrofit and bridge rail upgrade.	30160 2021-22	R/W: \$1,926 * Con: \$12,852	PA&ED: \$2,260 PS&E: \$3,500 R/W Sup: \$150 * Con Sup: \$4,100	Prior Prior Prior 21-22	PA&ED: 9/30/2020 R/W Cert: 2/25/2022 RTL: 3/30/2022 Begin Con: 11/30/2022
Carryover			Subtotal: \$14,778	\$10,010		
			Total Project Cost:	\$24,788		
			* Construction Capital and * Construction Support phases are NOT authorized			
(G13 Contingency)			Program	201.113 Bridge Seismic Restoration		
			Project Output(s)	4 Bridge(s)		

Primary Asset

(Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	256,607.0	256,607.0	Square feet
Post Condition	256,607.0	0.0	0.0	256,607.0	Square feet

Bridge Health

Existing Condition Post Condition

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0397Y	Good	Good
Bridge No. 53-2235	Good	Good
Bridge No. 53-2237S	Good	Good
Bridge No. 53-2238K	Good	Good
Bridge No. 53-2934	Fair	Fair

07-Los Angeles-138 70.3 5035 0716000113	In and near Palmdale, Azusa and Pomona, at the California Aqueduct Bridge No. 53-2174; also on Route 39, at the San Gabriel River Bridge No. 53 -0113 (PM 17.81) and Route 71 at the Ridgeway Street Undercrossing Bridge No. 53-2052 (PM R0.92). Seismic retrofit, barrier replacement, paint San Gabriel River Bridge.	32620 2021-22	R/W: \$101 * Con: \$19,329	PA&ED: \$1,372 PS&E: \$4,549 R/W Sup: \$488 * Con Sup: \$5,686	Prior Prior Prior 21-22	PA&ED: 3/16/2020 R/W Cert: 10/4/2021 RTL: 11/3/2021 Begin Con: 6/10/2022
Carryover			Subtotal: \$19,430	\$12,095		
			Total Project Cost:	\$31,525		
			* Construction Capital and * Construction Support phases are NOT authorized			
(G13 Contingency)			Program	201.113 Bridge Seismic Restoration		
			Project Output(s)	3 Bridge(s)		

Primary Asset

(Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	50,408.0	50,408.0	Square feet
Post Condition	50,408.0	0.0	0.0	50,408.0	Square feet

Bridge Health

Existing Condition Post Condition

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0113	Good	Good
Bridge No. 53-2052	Good	Good
Bridge No. 53-2174	Good	Good

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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07-Los Angeles-210 R18.7/R19.7 5393 0718000144 New	In La Canada Flintridge, from east of Route 2 to west of Angeles Crest Highway, on Alta Canyada Road	34870 2023-24	R/W: \$50 Con: \$17,040	PA&ED: \$1,160 PS&E: \$3,603 R/W Sup: \$191 Con Sup: \$5,161	20-21 21-22 21-22 23-24	PA&ED: 11/1/2021 R/W Cert: 8/1/2023 RTL: 9/1/2023 Begin Con: 8/1/2024
	Connector Undercrossing No. 53-2189, E2-W210		Subtotal: \$17,090	\$10,115		
	-2191G, and Foothill La Canada Separation No. 53-2138. Seismic retrofit of one bridge and add Light Emitting Diode (LED) lighting to one bridge and one tunnel.		Total Project Cost:	\$27,205		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	26,372.0	26,372.0	Square feet
Post Condition	26,372.0	0.0	0.0	26,372.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 53-2189	Fair	Fair

07-Los Angeles-210 R19.4/R27.0 5386 0718000137 New	In La Canada Flintridge and Pasadena, from West of Foothill Boulevard to Hill Avenue. Seismic retrofit of Orange Grove Boulevard	34820 2023-24	R/W: \$83 Con: \$11,440	PA&ED: \$800 PS&E: \$2,379 R/W Sup: \$251 Con Sup: \$2,883	20-21 21-22 21-22 23-24	PA&ED: 8/4/2021 R/W Cert: 2/15/2024 RTL: 3/15/2024 Begin Con: 12/20/2024
	Overcrossing No. 53-2195, rehabilitate irrigation system and landscaping, and rehabilitate culverts.		Subtotal: \$11,523	\$6,313		
			Total Project Cost:	\$17,836		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	36,651.0	36,651.0	Square feet
Post Condition	36,651.0	0.0	0.0	36,651.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 53-2195	Fair	Fair

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-405 17.6 5490 0718000307	In Lawndale, at Route 107, at Hawthorne Undercrossing Bridge No.53-1231. Seismic retrofit of bridge and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35390 2022-23	R/W: \$47 Con: \$4,681	PA&ED: \$543 PS&E: \$2,558 R/W Sup: \$17 Con Sup: \$2,151	20-21 21-22 21-22 22-23	PA&ED: 6/15/2021 R/W Cert: 12/15/2022 RTL: 1/13/2023 Begin Con: 8/25/2023
<i>New</i>			Subtotal: \$4,728 Total Project Cost:	\$5,269 \$9,997		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	45,682.0	45,682.0	Square feet
Post Condition	45,682.0	0.0	0.0	45,682.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 53-1231	Good	Good
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07-Los Angeles-10 28.2/31.0 5067 0716000175	In the city of El Monte, from Baldwin Avenue Overcrossing to Route 605 at Rio Hondo Bridge No. 53-657, East El Monte Overhead No. 53-0867 and San Gabriel River Bridge No. 53-109L/R. Replace overhang joints with reinforced concrete closure pours.	32830 2021-22	R/W: \$1,262 Con: \$8,140	PA&ED: \$813 PS&E: \$3,927 R/W Sup: \$915 Con Sup: \$3,526	Prior Prior Prior 21-22	PA&ED: 1/7/2020 R/W Cert: 1/3/2022 RTL: 2/1/2022 Begin Con: 11/23/2022
<i>Carryover</i>			Subtotal: \$9,402 Total Project Cost:	\$9,181 \$18,583		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 3 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	258,915.0	258,915.0	Square feet
Post Condition	258,915.0	0.0	0.0	258,915.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 53-0109L	Good	Good
Bridge No. 53-0109R	Good	Good
Bridge No. 53-0657	Good	Good
Bridge No. 53-0867	Good	Good

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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07-Los Angeles-105 R14.6/R16.4 5069 0716000180	In the city of South Gate, at Paramount Boulevard Overcrossing No. 53-2425; also in the city of Downey, at Ardis Avenue Overcrossing No. 53-2572. Remove and install new joint assemblies, apply waterproof coating, replace joint seals and apply methacrylate to Ardis Avenue Overcrossing deck.	32860 2020-21	R/W: \$27 Con: \$1,340	PA&ED: \$259 PS&E: \$891 R/W Sup: \$26 Con Sup: \$1,022	Prior Prior Prior 20-21	PA&ED: 9/20/2019 R/W Cert: 10/1/2020 RTL: 12/1/2020 Begin Con: 7/20/2021
<i>Carryover</i>			Subtotal: \$1,367 Total Project Cost:	\$2,198 \$3,565		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	42,360.0	42,360.0	Square feet
Post Condition	42,360.0	0.0	0.0	42,360.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 53-2425	Fair	Good
Bridge No. 53-2572	Fair	Fair

07-Los Angeles-405 8.8 4721 0714000084	In Carson, at Dolores Yard Overhead No. 53-1168. Upgrade bridge drainage system.	30480 2020-21	R/W: \$2,657 Con: \$2,193	PA&ED: \$301 PS&E: \$525 R/W Sup: \$203 Con Sup: \$794	Prior Prior Prior 20-21	PA&ED: 9/28/2018 R/W Cert: 3/1/2021 RTL: 3/30/2021 Begin Con: 1/31/2022
<i>Carryover</i>			Subtotal: \$4,850 Total Project Cost:	\$1,823 \$6,673		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	146,066.0	0.0	0.0	146,066.0	Square feet
Post Condition	146,066.0	0.0	0.0	146,066.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 53-1168	Good	Good
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V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-10 R13.3 4966 0716000016	In the city of Los Angeles, at the Normandie Avenue Undercrossing Bridge No. 53-1565. Strengthen girders with epoxy and reinforcement steel.	31900 2021-22	R/W: \$22 Con: \$2,253	PA&ED: \$508 PS&E: \$1,493 R/W Sup: \$5 Con Sup: \$1,188	Prior 20-21 20-21 21-22	PA&ED: 7/17/2020 R/W Cert: 10/8/2021 RTL: 11/12/2021 Begin Con: 5/20/2022
Carryover			Subtotal: \$2,275 Total Project Cost:	\$3,194 \$5,469		

Program 201.322 Trans Permit Requirements for Bridges
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> (Goods Movement)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	40,365.0	40,365.0	Square feet
Post Condition	40,365.0	0.0	0.0	40,365.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-1565	Good	Good

ROADWAY PRESERVATION

07-Los Angeles-1 0.0/19.0 4998 0716000049	In and near Redondo Beach, from Orange County line to south of Topaz Street. Upgrade Americans with Disabilities Act (ADA) curb ramps, upgrade metal beam guardrail, cold plane pavement, and place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement to rehabilitate pavement.	32160 2021-22	R/W: \$1,554 * Con: \$38,220	PA&ED: \$1,680 PS&E: \$4,886 R/W Sup: \$920 * Con Sup: \$7,684	Prior Prior Prior 21-22	PA&ED: 7/31/2020 R/W Cert: 1/5/2022 RTL: 3/30/2022 Begin Con: 10/12/2022
Carryover			Subtotal: \$39,774 Total Project Cost:	\$15,170 \$54,944		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 99.4 Lane mile(s)

(G13 Contingency)

<u>Primary Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	99.4	0.0	99.4	Lane mile(s)
Post Condition	99.4	0.0	0.0	99.4	Lane mile(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-1 19.0/33.3 5034 0716000090	In and near Redondo Beach, from Topaz Street to Dewey Street. Upgrade Americans with Disabilities Act (ADA) curb ramps and metal beam guardrail, repair concrete pavement, replace asphalt concrete pavement with Portland Cement Concrete (PCC) at intersections, cold plane pavement, and place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement to rehabilitate pavement.	32580 2021-22	R/W: \$1,900 * Con: \$45,900	PA&ED: \$1,960 PS&E: \$6,770 R/W Sup: \$780 * Con Sup: \$8,770	Prior Prior Prior 21-22	PA&ED: 7/31/2020 R/W Cert: 2/25/2022 RTL: 3/30/2022 Begin Con: 10/12/2022
Carryover			Subtotal: \$47,800	\$18,280		
			Total Project Cost:	\$66,080		
			* Construction Capital and * Construction Support phases are NOT authorized			
			Program 201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s) 104.9 Lane mile(s)			
	(G13 Contingency)					

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	104.9	104.9	Lane mile(s)
Post Condition	104.9	0.0	0.0	104.9	Lane mile(s)

07-Los Angeles-1 46.9/62.9 5491 0718000323	In and near Malibu, from north of Serra Road to the Ventura County line (PM 62.867). Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade guardrail.	35420 2023-24	R/W: \$725 Con: \$19,897	PA&ED: \$1,225 PS&E: \$2,500 R/W Sup: \$271 Con Sup: \$3,422	20-21 21-22 21-22 23-24	PA&ED: 10/15/2021 R/W Cert: 2/12/2024 RTL: 3/15/2024 Begin Con: 11/15/2024
New			Subtotal: \$20,622	\$7,418		
			Total Project Cost:	\$28,040		
			Program 201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s) 63.4 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	63.4	0.0	63.4	Lane mile(s)
Post Condition	63.4	0.0	0.0	63.4	Lane mile(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-2 2.3/14.2 5184 0716000313 Carryover	In and near the city of Los Angeles, from Centinela Avenue to Cotner Avenue, North La Brea Avenue to North Oxford Avenue and North Hollywood Boulevard to Allesandro Street. Cold plane and overlay pavement, upgrade curb ramps, reconstruct curb and gutter, construct bus pads and replace traffic signals at several locations. (G13 Contingency)	33360 2021-22	R/W: \$38 * Con: \$19,810	PA&ED: \$1,900 PS&E: \$5,000 R/W Sup: \$160 * Con Sup: \$5,000	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 1/5/2022 RTL: 2/23/2022 Begin Con: 7/29/2022
			Subtotal: \$19,848	\$12,060		
			Total Project Cost: \$31,908			
			<i>* Construction Capital and * Construction Support phases are NOT authorized</i>			
			Program 201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s) 17.6 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	17.6	0.0	17.6	Lane mile(s)
Post Condition	17.6	0.0	0.0	17.6	Lane mile(s)

07-Los Angeles-5 6.6/13.1 5535 0719000062 New	In Santa Fe Springs, Downey, and Commerce, from south of Route 5 to north of Atlantic Boulevard. Rehabilitate pavement, replace concrete barrier, and upgrade sign structures.	35730 2022-23	R/W: \$20 Con: \$24,640	PA&ED: \$1,428 PS&E: \$3,631 R/W Sup: \$35 Con Sup: \$4,086	20-21 20-21 20-21 22-23	PA&ED: 11/30/2020 R/W Cert: 5/19/2023 RTL: 3/30/2023 Begin Con: 12/7/2023
			Subtotal: \$24,660	\$9,180		
			Total Project Cost: \$33,840			
			Program 201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s) 47.0 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.5	36.7	8.8	47.0	Lane mile(s)
Post Condition	47.0	0.0	0.0	47.0	Lane mile(s)

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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 R59.7/R73.7 5013 0716000064	Near Castaic and Valencia, from 0.2 mile north of Lake Hughes Road Undercrossing to 0.7 mile south of Vista Del Lago Road Overcrossing. Cold plane pavement and place Rubberized Hot Mix Asphalt concrete (RHMA), repair drainage systems, and perform upgrades to overhead signs, drainage curbs and guardrail.	32340 2020-21	R/W: \$250 Con: \$43,080	PA&ED: \$100 PS&E: \$6,000 R/W Sup: \$250 Con Sup: \$7,200	Prior Prior Prior 20-21	PA&ED: 3/28/2018 R/W Cert: 11/6/2020 RTL: 1/29/2021 Begin Con: 9/1/2021
Carryover			Subtotal: \$43,330 Total Project Cost:	\$13,550 \$56,880		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 112.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.1	111.9	0.0	112.0	Lane mile(s)
Post Condition	112.0	0.0	0.0	112.0	Lane mile(s)

07-Los Angeles-22 0.0/1.5 5022 0716000077	In Long Beach, from Route 1 to San Gabriel Undercrossing. Cold plane pavement and overlay with Rubberized Hot Mixed Asphalt - Type G (RHMA-G), upgrade curb ramps to current Americans with Disabilities Act (ADA) Standards, install guardrail and construct bus pads.	32440 2020-21	R/W: \$476 Con: \$6,250	PA&ED: \$670 PS&E: \$2,523 R/W Sup: \$12 Con Sup: \$1,967	Prior Prior Prior 20-21	PA&ED: 1/30/2020 R/W Cert: 11/5/2020 RTL: 12/15/2020 Begin Con: 9/3/2021
Carryover			Subtotal: \$6,726 Total Project Cost:	\$5,172 \$11,898		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 7.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.2	6.2	0.0	7.4	Lane mile(s)
Post Condition	7.4	0.0	0.0	7.4	Lane mile(s)

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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-27 0.0/4.7 5007 0716000059	In and near Canoga Park, from Pacific Coast Highway to Entrada Road; also near Woodland Crest Drive to near Devonshire Street (PM 10.11/18.62). Cold plane and overlay asphalt pavement, repair damaged structural and upgrade curb ramps to meet Americans with Disabilities Act (ADA) standards.	32290 2021-22	R/W: \$499 * Con: \$30,550	PA&ED: \$1,593 PS&E: \$4,405 R/W Sup: \$576 * Con Sup: \$5,540	Prior 20-21 20-21 21-22	PA&ED: 3/27/2020 R/W Cert: 9/21/2021 RTL: 10/21/2021 Begin Con: 7/1/2022
Carryover	(G13 Contingency)		Subtotal: \$31,049 Total Project Cost:	\$12,114 \$43,163		
* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required						
<p align="right">Program 201.121 Pavement Rehabilitation (CAPM) Project Output(s) 53.5 Lane mile(s)</p>						

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	50.0	3.5	53.5	Lane mile(s)
Post Condition	53.5	0.0	0.0	53.5	Lane mile(s)

07-Los Angeles-101 8.4/11.8 5366 0718000073	In the city of Los Angeles, near Universal City, from south of Mulholland Drive to Route 170. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade guardrail.	34630 2023-24	R/W: \$357 Con: \$14,382	PA&ED: \$636 PS&E: \$2,220 R/W Sup: \$41 Con Sup: \$3,356	20-21 21-22 21-22 23-24	PA&ED: 10/29/2021 R/W Cert: 7/4/2023 RTL: 8/3/2023 Begin Con: 3/24/2024
New			Subtotal: \$14,739 Total Project Cost:	\$6,253 \$20,992		
<p align="right">Program 201.121 Pavement Rehabilitation (CAPM) Project Output(s) 32.3 Lane mile(s)</p>						

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2.8	29.2	0.3	32.3	Lane mile(s)
Post Condition	32.3	0.0	0.0	32.3	Lane mile(s)

V4.0 2020 SHOPP Project List
Los Angeles
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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07-Los Angeles-405 0.0/12.8 5484 0718000253 New	In and near the cities of Long Beach, Signal Hill, Los Angeles, and Carson, from the Orange County line to south of Route 110. Rehabilitate pavement, upgrade signs, rehabilitate bridge, upgrade lighting, improve safety, rehabilitate Transportation Management System (TMS) elements and replace copper cabling with fiber, rehabilitate culverts, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35320 2023-24	R/W: \$768 * Con: \$68,133	PA&ED: \$2,646 PS&E: \$6,043 R/W Sup: \$703 * Con Sup: \$11,103	20-21 21-22 21-22 23-24	PA&ED: 11/19/2021 R/W Cert: 3/8/2024 RTL: 4/5/2024 Begin Con: 10/25/2024
			Subtotal: \$68,901	\$20,495		
			Total Project Cost: \$89,396			
* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required						
Program 201.121 Pavement Rehabilitation (CAPM)						
Project Output(s) 118.8 Lane mile(s)						

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.5	115.7	1.6	118.8	Lane mile(s)
Post Condition	118.8	0.0	0.0	118.8	Lane mile(s)

07-Los Angeles-605 20.2/26.0 5029 0716000085 Carryover	In the cities of Irwindale and Baldwin Park, from Route 10 Interchange to the end of the freeway at Route 210. Grind mainline pavement and replace damaged slabs with Jointed Plain Concrete Pavement (JPCP) rapid strength concrete and/or Individual Precast Slab Replacement (IPSR), cold plane and overlay median, shoulders, ramps with Hot Mix Asphalt (HMA), construct additional lane on southbound Arrow Highway offramp/modify signal, install and upgrade guardrail.	32550 2021-22	R/W: \$162 Con: \$16,410	PA&ED: \$1,375 PS&E: \$6,856 R/W Sup: \$138 Con Sup: \$4,916	Prior Prior Prior 21-22	PA&ED: 12/6/2018 R/W Cert: 10/8/2021 RTL: 11/8/2021 Begin Con: 9/6/2022
			Subtotal: \$16,572	\$13,285		
			Total Project Cost: \$29,857			
Program 201.121 Pavement Rehabilitation (CAPM)						
Project Output(s) 39.9 Lane mile(s)						

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	10.2	29.6	0.1	39.9	Lane mile(s)
Post Condition	39.9	0.0	0.0	39.9	Lane mile(s)

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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-14 R60.7/R77.0 4887 0715000194	In and near Palmdale and Lancaster, from Avenue P-8 to the Kern County line. Replace distressed lanes/shoulders, cold plane and overlay ramps, upgrade guardrail, dikes, sign panels, curb ramps and traffic loop detectors.	31600 2020-21	R/W: \$210 Con: \$126,660	PA&ED: \$3,000 PS&E: \$21,200 R/W Sup: \$280 Con Sup: \$18,600	Prior Prior Prior 20-21	PA&ED: 7/31/2019 R/W Cert: 2/8/2021 RTL: 3/15/2021 Begin Con: 1/10/2022
<i>Carryover</i>			Subtotal: \$126,870	\$43,080		
			Total Project Cost:	\$169,950		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 79.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	22.7	56.2	1.0	79.9	Lane mile(s)
Post Condition	79.9	0.0	0.0	79.9	Lane mile(s)

07-Los Angeles-405 31.6/41.4 5382 0718000123	In and near the city of Los Angeles, from Wilshire Boulevard to Victory Boulevard. Rehabilitate roadway, rehabilitate culverts, replace bridge approach/departure slabs, replace overhead sign structures and sign panels, upgrade Transportation Management System (TMS) elements, upgrade guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	34790 2022-23	R/W: \$311 Con: \$123,614	PA&ED: \$2,174 PS&E: \$8,245 R/W Sup: \$200 Con Sup: \$19,281	20-21 21-22 21-22 22-23	PA&ED: 3/18/2021 R/W Cert: 2/21/2023 RTL: 3/21/2023 Begin Con: 11/6/2023
<i>New</i>			Subtotal: \$123,925	\$29,900		
			Total Project Cost:	\$153,825		

SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 91.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	7.4	71.7	12.5	91.6	Lane mile(s)
Post Condition	91.6	0.0	0.0	91.6	Lane mile(s)

V4.0 2020 SHOPP Project List
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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07-Los Angeles-605 R0.0/R10.4 4979 0716000033 Carryover	In various cities, from Orange County line to 0.1 mile north of Telegraph Road; also on Route 91 from 0.2 mile west of Route 605 to Route 605 (PM R16.63/R16.83). Pavement rehabilitation consisting of full structural section replacement and damaged slab replacement. Cold plane and overlay Rubberized Hot Mix Asphalt (RHMA-G) on right shoulders and apply High Friction Surface Treatment (HFST) onramps and connectors.	32030 2021-22	R/W: \$590	PA&ED: \$1,960	Prior	PA&ED: 6/19/2019
			* Con: \$49,434	PS&E: \$8,100	Prior	R/W Cert: 11/15/2021
				R/W Sup: \$150	Prior	RTL: 12/30/2021
				* Con Sup: \$13,620	21-22	Begin Con: 9/30/2022
			Subtotal: \$50,024	\$23,830		
			Total Project Cost:	\$73,854		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 95.8 Lane mile(s)

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	31.4	62.4	2.0	95.8	Lane mile(s)
Post Condition	95.8	0.0	0.0	95.8	Lane mile(s)

07-Los Angeles-605 R10.2/20.2 5521 0719000026 New	In and near Santa Fe Springs, Whittier, Pico Rivera, Industry, and Baldwin Park from Telegraph Road to Route 10. Rehabilitate roadway, apply High Friction Surface Treatment (HFST), upgrade facilities to Americans with Disabilities Act (ADA) standards, upgrade guardrail, upgrade signs, enhance highway worker safety, and rehabilitate landscaping.	35660 2022-23	R/W: \$851	PA&ED: \$3,096	20-21	PA&ED: 8/10/2021
			* Con: \$169,740	PS&E: \$11,183	21-22	R/W Cert: 2/1/2023
				R/W Sup: \$447	21-22	RTL: 3/4/2023
				* Con Sup: \$23,131	22-23	Begin Con: 9/24/2023
			Subtotal: \$170,591	\$37,857		
			Total Project Cost:	\$208,448		

* Construction Capital and * Construction Support phases are NOT authorized

SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 93.2 Lane mile(s)

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	10.4	57.4	25.4	93.2	Lane mile(s)
Post Condition	93.2	0.0	0.0	93.2	Lane mile(s)

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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-1 37.7/62.8 4846 0715000090	In the cities of Los Angeles and Malibu, from south of Temescal Canyon Road to Ventura County line; also in Ventura County, from Los Angeles County line to Tonga Street (PM 0.0/0.9). Rehabilitate culverts.	31350 2020-21	R/W: \$14,353 Con: \$16,217	PA&ED: \$1,950 PS&E: \$4,168 R/W Sup: \$2,583 Con Sup: \$6,200	Prior Prior Prior 20-21	PA&ED: 4/8/2019 R/W Cert: 6/1/2021 RTL: 6/14/2021 Begin Con: 1/14/2022
Carryover			Subtotal: \$30,570	\$14,901		
			Total Project Cost:	\$45,471		

Program 201.151 Drainage System Restoration
Project Output(s) 19 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,977.0	2,977.0	Linear feet
Post Condition	2,977.0	0.0	0.0	2,977.0	Linear feet

07-Los Angeles-2 14.2/57.5 5509 0719000010	In and near the cities of Los Angeles, Glendale, La Canada Flintridge, and Pasadena, from east of Allesandro Street to the Mount Waterman ski lifts. Rehabilitate drainage systems, enhance highway worker safety, and upgrade guardrail to concrete barrier.	35540 2022-23	R/W: \$10 Con: \$10,391	PA&ED: \$1,246 PS&E: \$2,968 R/W Sup: \$13 Con Sup: \$2,973	20-21 21-22 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 11/7/2022 RTL: 12/5/2022 Begin Con: 8/28/2023
New			Subtotal: \$10,401	\$7,200		
			Total Project Cost:	\$17,601		

Program 201.151 Drainage System Restoration
Project Output(s) 28 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	2,500.7	817.5	3,318.2	Linear feet
Post Condition	3,318.2	0.0	0.0	3,318.2	Linear feet

V4.0 2020 SHOPP Project List
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-2 68.1/82.1 5397 0718000155	Near Big Pines, from 1.3 miles west of Dawson Saddle to the San Bernardino County line. Rehabilitate culverts.	34900 2022-23	R/W: \$10 Con: \$2,136	PA&ED: \$894 PS&E: \$1,729 R/W Sup: \$196 Con Sup: \$1,046	20-21 21-22 21-22 22-23	PA&ED: 8/13/2021 R/W Cert: 2/28/2023 RTL: 3/29/2023 Begin Con: 12/8/2023
			Subtotal: \$2,146	\$3,865		
			Total Project Cost:	\$6,011		
New						

Program 201.151 Drainage System Restoration
Project Output(s) 17 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	120.0	481.0	1,102.0	1,703.0	Linear feet
Post Condition	1,703.0	0.0	0.0	1,703.0	Linear feet

07-Los Angeles-5 19.8/36.0 5024 0716000079	In various cities, on Route 5 (PM 19.75/35.99), Route 10 (PM 22.32/23.88), Route 91 (PM R11.80), Route 605 (PM R14.07) and Route 710 (PM 18.7/21.01). Replace pumps with submersible pumps.	32490 2020-21	R/W: \$14 Con: \$5,946	PA&ED: \$254 PS&E: \$1,075 R/W Sup: \$73 Con Sup: \$1,110	Prior Prior 20-21 20-21	PA&ED: 12/2/2019 R/W Cert: 12/31/2020 RTL: 2/26/2021 Begin Con: 11/30/2021
			Subtotal: \$5,960	\$2,512		
			Total Project Cost:	\$8,472		
Carryover						

Program 201.151 Drainage System Restoration
Project Output(s) 15 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	15.0	15.0	Pump plant(s) (ea)
Post Condition	15.0	0.0	0.0	15.0	Pump plant(s) (ea)

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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 R60.0/R75.0 5440 0718000220	Near Castaic, from north of Lake Hughes Road to north of Vista Del Lago Road. Rehabilitate culverts.	35230 2023-24	R/W: \$567 Con: \$10,710	PA&ED: \$1,217 PS&E: \$2,494 R/W Sup: \$242 Con Sup: \$2,725	20-21 21-22 21-22 23-24	PA&ED: 10/26/2021 R/W Cert: 7/4/2023 RTL: 8/1/2023 Begin Con: 2/3/2024
			Subtotal: \$11,277	\$6,678		
New			Total Project Cost:	\$17,955		

Program 201.151 Drainage System Restoration
Project Output(s) 38 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1,499.0	2,195.4	1,997.3	5,691.7	Linear feet
Post Condition	5,691.7	0.0	0.0	5,691.7	Linear feet

07-Los Angeles-10 R4.7/14.1 5547 0719000111	In the cities of Santa Monica and Los Angeles, from east of Bundy Drive to west of Hoover Street. Rehabilitate culverts.	35840 2023-24	R/W: \$10 Con: \$6,613	PA&ED: \$609 PS&E: \$1,615 R/W Sup: \$25 Con Sup: \$1,694	20-21 21-22 21-22 23-24	PA&ED: 11/30/2021 R/W Cert: 7/14/2023 RTL: 8/18/2023 Begin Con: 5/10/2024
			Subtotal: \$6,623	\$3,943		
New			Total Project Cost:	\$10,566		

Program 201.151 Drainage System Restoration
Project Output(s) 59 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	448.0	679.6	3,159.4	4,287.0	Linear feet
Post Condition	4,287.0	0.0	0.0	4,287.0	Linear feet

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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-103 0.1 5043 0716000126	In Long Beach, at Henry Ford Avenue offramp. Construct larger pump plant facility including replacing undersized pumps.	32730 2020-21	R/W: \$1,646 Con: \$22,593	PA&ED: \$1,198 PS&E: \$2,586 R/W Sup: \$420 Con Sup: \$3,954	Prior Prior Prior 20-21	PA&ED: 12/20/2019 R/W Cert: 12/1/2020 RTL: 2/16/2021 Begin Con: 2/28/2022
Carryover			Subtotal: \$24,239	\$8,158		
			Total Project Cost:	\$32,397		

Program 201.151 Drainage System Restoration
Project Output(s) 2 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Pump plant(s) (ea)
Post Condition	2.0	0.0	0.0	2.0	Pump plant(s) (ea)

07-Los Angeles-118 R13.0/R13.9 5506 0719000004	In the city of Los Angeles, near Pacoima, from east of Herrick Avenue to west of Foothill Boulevard. Rehabilitate culverts.	35500 2023-24	R/W: \$272 Con: \$2,537	PA&ED: \$511 PS&E: \$1,679 R/W Sup: \$51 Con Sup: \$1,318	20-21 21-22 23-24 23-24	PA&ED: 1/18/2022 R/W Cert: 8/2/2023 RTL: 9/1/2023 Begin Con: 4/28/2024
New			Subtotal: \$2,809	\$3,559		
			Total Project Cost:	\$6,368		

Program 201.151 Drainage System Restoration
Project Output(s) 24 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	490.0	375.0	837.0	1,702.0	Linear feet
Post Condition	1,702.0	0.0	0.0	1,702.0	Linear feet

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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-210 R38.9 5516 0719000020	In Azusa, at North Vernon Avenue. Upgrade pump plant.	35610 2023-24	R/W: \$17 Con: \$1,611	PA&ED: \$364 PS&E: \$1,017 R/W Sup: \$77 Con Sup: \$789	20-21 21-22 21-22 23-24	PA&ED: 9/1/2021 R/W Cert: 9/28/2023 RTL: 11/1/2023 Begin Con: 6/24/2024
New			Subtotal: \$1,628	\$2,247		
			Total Project Cost:	\$3,875		

Program 201.151 Drainage System Restoration
Project Output(s) 1 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1.0	1.0	Linear feet
Post Condition	1.0	0.0	0.0	1.0	Linear feet

07-Los Angeles-710 9.6/T32.1 5374 0718000092	In Long Beach and Pasadena at various locations. Rehabilitate pump plants.	34700 2022-23	R/W: \$66 Con: \$4,822	PA&ED: \$909 PS&E: \$1,912 R/W Sup: \$316 Con Sup: \$1,861	20-21 21-22 21-22 22-23	PA&ED: 3/15/2021 R/W Cert: 7/15/2022 RTL: 8/15/2022 Begin Con: 3/1/2023
New			Subtotal: \$4,888	\$4,998		
			Total Project Cost:	\$9,886		

Program 201.151 Drainage System Restoration
Project Output(s) 4 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4.0	4.0	Linear feet
Post Condition	4.0	0.0	0.0	4.0	Linear feet

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(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 R44.8/R45.9 5489 0718000306	In the city of Los Angeles, near Sylmar, at Truck Undercrossing Tunnels No. 53-1959 and No. 53-1983. Upgrade lighting to Light Emitting Diode (LED) lighting, paint tunnel interiors, and install Transportation Management System (TMS) elements.	35380 2023-24	R/W: \$20 Con: \$16,687	PA&ED: \$746 PS&E: \$2,094 R/W Sup: \$67 Con Sup: \$4,034	20-21 21-22 21-22 23-24	PA&ED: 8/31/2021 R/W Cert: 7/31/2023 RTL: 8/31/2023 Begin Con: 5/31/2024
New			Subtotal: \$16,707 Total Project Cost:	\$6,941 \$23,648		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 1,108 Lighting fixture(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,108.0	1,108.0	Each
Post Condition	1,108.0	0.0	0.0	1,108.0	Each

07-Los Angeles-10 42.3/48.3 5201 0716000363	In Pomona and Claremont, from Route 57 to the San Bernardino County line (PM 48.265). Replace overhead signs.	33530 2020-21	R/W: \$10 Con: \$3,627	PA&ED: \$588 PS&E: \$2,700 R/W Sup: \$60 Con Sup: \$1,594	Prior Prior Prior 20-21	PA&ED: 8/23/2019 R/W Cert: 10/1/2020 RTL: 10/16/2020 Begin Con: 5/14/2021
Carryover			Subtotal: \$3,637 Total Project Cost:	\$4,942 \$8,579		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 61 Sign(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	61.0	61.0	Each
Post Condition	61.0	0.0	0.0	61.0	Each

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-91 6.0/R20.7 5370 0718000075	In the cities of Los Angeles, Carson, Compton, Long Beach, Bellflower, Cerritos, and Artesia, from Vermont Avenue to the Orange County line (PM 6.012/20.741). Upgrade overhead signs and sign structures, rehabilitate landscaping, and enhance highway worker safety.	34650 2023-24	R/W: \$107 Con: \$23,877	PA&ED: \$1,659 PS&E: \$2,851 R/W Sup: \$23 Con Sup: \$5,336	20-21 21-22 21-22 23-24	PA&ED: 12/4/2021 R/W Cert: 2/2/2024 RTL: 3/1/2024 Begin Con: 9/30/2024
New			Subtotal: \$23,984 Total Project Cost:	\$9,869 \$33,853		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 12 Sign(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12.0	12.0	Each
Post Condition	12.0	0.0	0.0	12.0	Each

07-Los Angeles-105 R2.1 5507 0719000005	Near Los Angeles International Airport (LAX) at three connector tunnels with Route 405. Replace existing lighting with Light Emitting Diode (LED) lighting and add Transportation Management System (TMS) elements.	35510 2022-23	R/W: \$20 Con: \$22,161	PA&ED: \$991 PS&E: \$2,569 R/W Sup: \$117 Con Sup: \$4,519	20-21 21-22 21-22 22-23	PA&ED: 4/22/2021 R/W Cert: 9/15/2022 RTL: 10/30/2022 Begin Con: 7/31/2023
New			Subtotal: \$22,181 Total Project Cost:	\$8,196 \$30,377		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 1,100 Lighting fixture(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,100.0	1,100.0	Each
Post Condition	1,100.0	0.0	0.0	1,100.0	Each

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-110 0.0/31.9 5074 0716000206	In various cities, from 9th Street/Gaffey Street to end of freeway. Replace sign panels with retroreflective sheeting, remove overhead lighting and catwalks.	32980 2020-21	R/W: \$10 Con: \$5,360	PA&ED: \$418 PS&E: \$2,342 R/W Sup: \$21 Con Sup: \$1,573	Prior Prior Prior 20-21	PA&ED: 5/1/2020 R/W Cert: 2/12/2021 RTL: 3/18/2021 Begin Con: 10/26/2021
Carryover			Subtotal: \$5,370	\$4,354		
			Total Project Cost:	\$9,724		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 500 Sign(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	500.0	500.0	Each
Post Condition	500.0	0.0	0.0	500.0	Each

MOBILITY

07-Los Angeles-22 1.3 5613 0719000264	In Long Beach, at Studebaker Road. Financial Contribution Only (FCO) to City of Long Beach to realign entrance and exit ramps at a new intersection at Studebaker Road and relinquish right-of-way (R/W) along the original alignment of the ramps to Long Beach.	35980 2022-23	R/W: Con: \$1,900	PA&ED: PS&E: R/W Sup: Con Sup:	PA&ED: 5/28/2021 R/W Cert: 6/1/2022 RTL: 7/1/2022 Begin Con: 3/30/2023
New			Subtotal: \$1,900		
			Total Project Cost:	\$1,900	

Program 201.310 Operational Improvements
Project Output(s) 112.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-110 31.0/31.0 5196 0716000355 Carryover	In Pasadena and South Pasadena, at the Fair Oaks Avenue northbound offramp. Widen ramp from two lanes to four lanes. The city of South Pasadena will Advetise, Award, and Administer (AAA) the project construction contract.	33520 2021-22	R/W: Con: \$1	PA&ED: \$1,400 PS&E: R/W Sup: Con Sup:	Prior	PA&ED: 7/15/2021 R/W Cert: 3/25/2022 RTL: 3/31/2022 Begin Con: 9/21/2022
			Subtotal: \$1	\$1,400		
			Total Project Cost:	\$1,401		

Program 201.310 Operational Improvements
Project Output(s) 64.0 Daily vehicle hour(s) of delay (DVHD)

07-Los Angeles-405 39.1 2681 0717000022 Carryover	In the city of Sherman Oaks, at southbound onramp from Ventura Boulevard. Widen the onramp to two lanes plus a High-Occupancy Vehicle (HOV) lane.	20490 2021-22	R/W: \$29 Con: \$3,120	PA&ED: \$785 PS&E: \$1,918 R/W Sup: \$141 Con Sup: \$1,343	Prior 20-21 20-21 21-22	PA&ED: 3/23/2020 R/W Cert: 9/21/2021 RTL: 10/21/2021 Begin Con: 7/15/2022
			Subtotal: \$3,149	\$4,187		
			Total Project Cost:	\$7,336		

Program 201.310 Operational Improvements
Project Output(s) 12.5 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY		
07-Los Angeles-1 0.2/13.4 5408 0718000180	In Los Angeles County on various routes at various locations. Upgrade existing fiber communication system and rehabilitate Transportation Management System (TMS) elements, including video cameras, ramp meters, and Changeable Message Signs (CMS).	35040 2023-24	R/W: \$12 Con: \$8,956	PA&ED: \$676 PS&E: \$2,077 R/W Sup: \$47 Con Sup: \$2,924	20-21 21-22 21-22 23-24	PA&ED: 9/15/2021 R/W Cert: 2/28/2024 RTL: 3/31/2024 Begin Con: 1/30/2025	
New			Subtotal: \$8,968 Total Project Cost:	\$5,724 \$14,692			

Program 201.315 Transportation Management Systems
Project Output(s) 112 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	112	Field element(s)
Post Condition	100.0%		0.0%	112	Field element(s)

07-Los Angeles-1 R34.5/35.2 5041 0716000121	In and near Santa Monica, from Lincoln Boulevard to McClure Tunnel; also on Route 10 (PM 2.1/18.3), Route 2 (PM R18.7), Route 101 (PM 11.8), and Route 105 (PM R1.95). Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring, data transmission, and network connectivity including the Los Angeles Regional Transportation Management Center (LARTMC) and communication hubs at Route 10, Route 101 and Route 105.	32720 2020-21	R/W: \$327 Con: \$17,264	PA&ED: \$539 PS&E: \$3,159 R/W Sup: \$43 Con Sup: \$3,284	Prior Prior Prior 20-21	PA&ED: 12/31/2018 R/W Cert: 8/21/2020 RTL: 10/21/2020 Begin Con: 5/21/2021
Carryover			Subtotal: \$17,591 Total Project Cost:	\$7,025 \$24,616		

Program 201.315 Transportation Management Systems
Project Output(s) 129 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	129	Field element(s)
Post Condition	100.0%		0.0%	129	Field element(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-2 15.0/R23.2 5412 0718000186	In Los Angeles and Ventura Counties at various locations. Upgrade Closed Circuit Television (CCTV) cameras, enhance highway worker safety, construct concrete barriers and guardrail, install crash cushions, and install retaining walls.	35110 2023-24	R/W: \$396 Con: \$16,894	PA&ED: \$962 PS&E: \$4,276 R/W Sup: \$59 Con Sup: \$5,852	20-21 21-22 21-22 23-24	PA&ED: 1/31/2022 R/W Cert: 2/29/2024 RTL: 3/31/2024 Begin Con: 11/30/2024
New			Subtotal: \$17,290 Total Project Cost:	\$11,149 \$28,439		

Program 201.315 Transportation Management Systems
Project Output(s) 233 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	233	Field element(s)
Post Condition	100.0%		0.0%	233	Field element(s)

07-Los Angeles-2 16.3/81.0 5413 0718000179	In Los Angeles and Ventura Counties at various locations. Upgrade Changeable Message Signs (CMS), upgrade overhead sign structures, construct guardrail, and enhance highway worker safety.	35030 2023-24	R/W: \$1,465 Con: \$87,493	PA&ED: \$2,102 PS&E: \$10,585 R/W Sup: \$364 Con Sup: \$16,686	20-21 21-22 21-22 23-24	PA&ED: 9/1/2021 R/W Cert: 2/1/2024 RTL: 3/1/2024 Begin Con: 12/1/2024
New			Subtotal: \$88,958 Total Project Cost:	\$29,737 \$118,695		

SB1 Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 133 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	133	Field element(s)
Post Condition	100.0%		0.0%	133	Field element(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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07-Los Angeles-2 R18.7 5407 0718000178 New	In the city of Los Angeles, near Eagle Rock, at the Los Angeles Regional Transportation Management Center (LARTMC) at 2901 West Broadway. Update traffic management software to integrate Adaptive Traffic Signal Control (ATSC), video camera control, and to manage the Dynamic Lane Management System (DLMS) message signs.	35020 2022-23	R/W:	\$10	PA&ED:	\$409	20-21	PA&ED: 1/29/2021 R/W Cert: 7/1/2022 RTL: 8/1/2022 Begin Con: 3/20/2023
			Con:	\$2,948	PS&E:	\$927	20-21	
					R/W Sup:	\$11	20-21	
					Con Sup:	\$1,048	22-23	
			Subtotal:	\$2,958		\$2,395		
			Total Project Cost:			\$5,353		

Program 201.315 Transportation Management Systems
Project Output(s) 0 Field element(s)

07-Los Angeles-2 R18.7 5409 0718000181 New	In the city of Los Angeles, near Eagle Rock, at the Los Angeles Regional Transportation Management Center (LARTMC) at 2901 West Broadway. Update video wall in LARMTTC, upgrade networking equipment, and upgrade traffic management software.	35060 2022-23	R/W:	\$10	PA&ED:	\$632	20-21	PA&ED: 2/28/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 11/1/2023
			Con:	\$5,254	PS&E:	\$1,942	20-21	
					R/W Sup:	\$53	20-21	
					Con Sup:	\$1,337	22-23	
			Subtotal:	\$5,264		\$3,964		
			Total Project Cost:			\$9,228		

Program 201.315 Transportation Management Systems
Project Output(s) 0 Field element(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 R5.5/85.7 5395 0718000149	In Los Angeles and Ventura Counties on various routes at various locations. Install and upgrade video cameras, install guardrail, and install Maintenance Vehicle Pullouts (MVPs).	34880 2022-23	R/W: \$262 Con: \$11,109	PA&ED: \$805 PS&E: \$2,879 R/W Sup: \$280 Con Sup: \$3,827	20-21 21-22 21-22 22-23	PA&ED: 4/30/2021 R/W Cert: 1/1/2023 RTL: 2/28/2023 Begin Con: 1/2/2024
New			Subtotal: \$11,371	\$7,791		
			Total Project Cost:	\$19,162		

Program 201.315 Transportation Management Systems
Project Output(s) 28 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	18	Field element(s)
Post Condition	100.0%		0.0%	28	Field element(s)

07-Los Angeles-60 R0.6/11.8 5040 0716000120	In and near the city of Los Angeles, from EB Route 60/5 Separation to Route 605; also on Route 2 (PM R18.7), Route 5 (PM 6.8), Route 10 (PM 18.3), and Route 605 (PM 20.2). Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring, data transmission, and network connectivity including the Los Angeles Regional Transportation Management Center (LARTMC) on Route 2, Route 5, Route 10, and Route 605.	32710 2020-21	R/W: \$153 Con: \$6,674	PA&ED: \$30 PS&E: \$1,028 R/W Sup: \$45 Con Sup: \$1,450	Prior Prior Prior 20-21	PA&ED: 12/31/2018 R/W Cert: 10/9/2020 RTL: 11/5/2020 Begin Con: 8/19/2021
Carryover			Subtotal: \$6,827	\$2,553		
			Total Project Cost:	\$9,380		

Program 201.315 Transportation Management Systems
Project Output(s) 62 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	62	Field element(s)
Post Condition	100.0%		0.0%	62	Field element(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-91 R6.1/R20.7 5226 0717000060	In and near Carson, from Route 110 to Orange County line; also on Route 2 (PM R18.7), Route 5 (PM 6.8), Route 405 (PM 21.1). Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring, data transmission, and network connectivity including the various communication hubs on Route 2, Route 5, and Route 405.	33860 2021-22	R/W: \$267 Con: \$16,390	PA&ED: \$511 PS&E: \$2,630 R/W Sup: \$150 Con Sup: \$4,749	Prior Prior Prior 21-22	PA&ED: 12/28/2018 R/W Cert: 1/14/2022 RTL: 3/1/2022 Begin Con: 1/13/2023
<i>Carryover</i>			Subtotal: \$16,657 Total Project Cost:	\$8,040 \$24,697		
			Program	201.315 Transportation Management Systems		
			Project Output(s)	77 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	75	Field element(s)
Post Condition	100.0%		0.0%	77	Field element(s)

07-Los Angeles-101 0.0/R17.1 5221 0717000054	In various cities, from Routes 5/10 to Route 405, Route 2 at Route 134 (PM R18.7) and Route 10 at Route 5/10 (PM 18.3). Upgrade Transportation Management System (TMS) elements including Closed Circuit Television (CCTV) cameras, Ramp Metering Systems (RMS), Vehicle Detection Stations (VDS), Highway Advisory Radio (HAR), Changeable Message Signs (CMS) and the communication system network.	33780 2021-22	R/W: \$13 Con: \$9,718	PA&ED: \$438 PS&E: \$3,008 R/W Sup: \$162 Con Sup: \$1,863	Prior Prior Prior 21-22	PA&ED: 2/28/2019 R/W Cert: 9/3/2021 RTL: 1/3/2022 Begin Con: 8/1/2022
<i>Carryover</i>			Subtotal: \$9,731 Total Project Cost:	\$5,471 \$15,202		
			Program	201.315 Transportation Management Systems		
			Project Output(s)	98 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	98	Field element(s)
Post Condition	100.0%		0.0%	98	Field element(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY		
07-Los Angeles-110 R0.7/8.8 5188 0716000346	In the cities of Los Angeles, Wilmington, and Carson, from Gaffey Street to Route 405; also on Route 210 (PM R0.0/R35.8), Route 605 (PM 19.9/26.0), Route 710 (PM 5.0/9.4) and Route 2 (PM R18.7). Install wireless bluetooth detection system to monitor travel time.	33500 2020-21	R/W: \$10 Con: \$1,373	PA&ED: \$40 PS&E: \$200 R/W Sup: Con Sup: \$300	Prior Prior 20-21	PA&ED: 1/29/2019 R/W Cert: 7/21/2020 RTL: 10/21/2020 Begin Con: 4/22/2021	
Carryover			Subtotal: \$1,383 Total Project Cost:	\$540 \$1,923			

Program 201.315 Transportation Management Systems
Project Output(s) 76 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	0	Field element(s)
Post Condition	100.0%		0.0%	76	Field element(s)

07-Los Angeles-134 0.0/R13.3 5222 0717000052	In the city of Los Angeles, from Route 170 to Routes 210/710; also on Route 2 at Route 134 (PM R18.7), on Route 10 at Routes 5/10 (PM 18.3), and on Route 101 near Pleasant Valley Road (PM 11.8). Upgrade Transportation Management System (TMS) elements including Closed Circuit Television (CCTV) cameras, Ramp Metering Systems (RMS), Vehicle Detection Stations (VDS), Highway Advisory Radio (HAR), Changeable Message Signs (CMS) and the communication system network.	33790 2021-22	R/W: \$13 Con: \$7,559	PA&ED: \$454 PS&E: \$2,840 R/W Sup: \$154 Con Sup: \$1,953	Prior Prior Prior 21-22	PA&ED: 12/26/2018 R/W Cert: 9/3/2021 RTL: 1/3/2022 Begin Con: 8/1/2022
Carryover			Subtotal: \$7,572 Total Project Cost:	\$5,401 \$12,973		

Program 201.315 Transportation Management Systems
Project Output(s) 69 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	69	Field element(s)
Post Condition	100.0%		0.0%	69	Field element(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-170 R14.5/R20.5 5401 0718000161 New	In the city of Los Angeles, near North Hollywood, from Route 134 to Route 5. Rehabilitate and install new Transportation Management System (TMS) elements, install guardrail, and enhance highway worker safety.	34950 2022-23	R/W: \$232 Con: \$10,636	PA&ED: \$702 PS&E: \$2,885 R/W Sup: \$215 Con Sup: \$2,393	20-21 21-22 21-22 22-23	PA&ED: 8/1/2021 R/W Cert: 11/14/2022 RTL: 3/28/2023 Begin Con: 12/1/2023
			Subtotal: \$10,868	\$6,195		
			Total Project Cost:	\$17,063		

Program 201.315 Transportation Management Systems
Project Output(s) 17 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	6	Field element(s)
Post Condition	100.0%		0.0%	17	Field element(s)

07-Los Angeles-210 R43.9/R46.7 5400 0718000158 New	In Los Angeles County on various routes at various locations. Rehabilitate Transportation Management System (TMS) elements, install guardrail, and improve highway worker safety.	34910 2022-23	R/W: \$28 Con: \$5,544	PA&ED: \$529 PS&E: \$1,839 R/W Sup: \$196 Con Sup: \$2,277	20-21 21-22 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 12/1/2022 RTL: 1/15/2023 Begin Con: 8/20/2023
			Subtotal: \$5,572	\$4,841		
			Total Project Cost:	\$10,413		

Program 201.315 Transportation Management Systems
Project Output(s) 13 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	12	Field element(s)
Post Condition	100.0%		0.0%	13	Field element(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-405 19.3/26.0 5410 0719000039	In Los Angeles County on various routes at various locations. Rehabilitate and add new Transportation Management System (TMS) elements and upgrade the communication system at the Los Angeles Regional Transportation Management Center (LARTMC).	35070 2023-24	R/W: \$66 Con: \$29,854	PA&ED: \$3,076 PS&E: \$6,377 R/W Sup: \$73 Con Sup: \$7,227	20-21 21-22 21-22 23-24	PA&ED: 8/13/2021 R/W Cert: 9/19/2023 RTL: 10/19/2023 Begin Con: 7/23/2024
New			Subtotal: \$29,920 Total Project Cost:	\$16,753 \$46,673		

SBI Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 152 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	43	Field element(s)
Post Condition	100.0%		0.0%	152	Field element(s)

07-Los Angeles-710 5.0/9.5 5357 0718000065	In Los Angeles County on various routes at various locations. Rehabilitate and install new Transportation Management System (TMS) elements and upgrade communication systems.	34510 2022-23	R/W: \$406 Con: \$15,559	PA&ED: \$873 PS&E: \$3,505 R/W Sup: \$312 Con Sup: \$3,541	20-21 21-22 21-22 22-23	PA&ED: 9/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 2/1/2024
New			Subtotal: \$15,965 Total Project Cost:	\$8,231 \$24,196		

Program 201.315 Transportation Management Systems
Project Output(s) 16 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	8	Field element(s)
Post Condition	100.0%		0.0%	16	Field element(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 R54.4/R54.8 5071 0716000183	In Santa Clarita, from 0.4 mile north of Rye Canyon Road to 1.4 miles south of Route 5/126 Interchange at the northbound Castaic Commercial Vehicle Enforcement Facility (CVEF) (weigh station). Replace office structure and inspection enclosure.	32880 2020-21	R/W: \$36 Con: \$1,340	PA&ED: \$550 PS&E: \$2,000 R/W Sup: \$20 Con Sup: \$1,200	Prior Prior Prior 20-21	PA&ED: 9/16/2019 R/W Cert: 7/20/2020 RTL: 8/20/2020 Begin Con: 5/14/2021
Carryover			Subtotal: \$1,376	\$3,770		
			Total Project Cost:	\$5,146		

Program 201.321 Weigh Stations
Project Output(s) 1 Location(s)

ROADSIDE PRESERVATION

07-Los Angeles-10 R2.2/R4.9 5378 0718000098	In the cities of Santa Monica and Los Angeles, from Lincoln Boulevard to Gateway Boulevard. Rehabilitate landscaping and irrigation system.	34750 2022-23	R/W: \$384 Con: \$2,444	PA&ED: \$499 PS&E: \$1,339 R/W Sup: \$211 Con Sup: \$1,260	20-21 21-22 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 10/1/2022 RTL: 11/15/2022 Begin Con: 7/14/2023
New			Subtotal: \$2,828	\$3,309		
			Total Project Cost:	\$6,137		

Program 201.210 Highway Planting Restoration
Project Output(s) 22.5 Acre(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-210 R15.6/R17.4 5080 0716000217	In and near Glendale, from Lowell Avenue to La Crescenta Avenue. Restore existing irrigation to functionality, upgrade booster pump and remaining older irrigation controllers to web connect "smart controllers."	33070 2020-21	R/W: \$29 Con: \$4,190	PA&ED: \$375 PS&E: \$1,077 R/W Sup: \$20 Con Sup: \$1,383	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 10/14/2020 RTL: 12/18/2020 Begin Con: 8/20/2021
Carryover			Subtotal: \$4,219	\$2,855		
			Total Project Cost:	\$7,074		

Program 201.210 Highway Planting Restoration
Project Output(s) 27.0 Acre(s)

ROADWAY PROTECTIVE BETTERMENTS

07-Los Angeles-14 R29.2/R29.4 5237 0717000157	In Santa Clarita, from 1.1 mile north of Placerita Canyon Road to 0.2 mile south of Golden Valley Road. Regrade slopes, construct drainage ditches and install erosion control system.	33960 2021-22	R/W: \$36 Con: \$24,600	PA&ED: \$1,090 PS&E: \$2,720 R/W Sup: \$49 Con Sup: \$3,750	Prior Prior Prior 21-22	PA&ED: 3/16/2020 R/W Cert: 10/4/2021 RTL: 11/3/2021 Begin Con: 11/1/2022
Carryover			Subtotal: \$24,636	\$7,609		
			Total Project Cost:	\$32,245		

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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FACILITIES

07-Los Angeles-90 2.5 5500 0718000356	In Culver City, at the Culver City Maintenance Station at 5650 Selmaraine Drive. Demolish two deteriorating buildings, construct one new building, and construct a wash rack.	35480 2022-23	R/W: \$10 Con: \$4,475	PA&ED: \$461 PS&E: \$1,843 R/W Sup: \$28 Con Sup: \$2,495	20-21 21-22 21-22 22-23	PA&ED: 3/31/2021 R/W Cert: 2/28/2023 RTL: 3/31/2023 Begin Con: 11/3/2023
			Subtotal: \$4,485	\$4,827		
New			Total Project Cost:	\$9,312		

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,300.0	1,300.0	Square feet
Post Condition	4,429.0	0.0	0.0	4,429.0	Square feet

07-Los Angeles-105 R2.0 5511 0719000014	In the city of Los Angeles, near Hawthorne, at 5200 West Imperial Highway. Construct a Maintenance Equipment Training Center (METC).	35560 2023-24	R/W: \$17 Con: \$9,262	PA&ED: \$693 PS&E: \$2,280 R/W Sup: \$15 Con Sup: \$2,542	20-21 21-22 21-22 23-24	PA&ED: 11/1/2021 R/W Cert: 8/1/2023 RTL: 9/1/2023 Begin Con: 8/1/2024
			Subtotal: \$9,279	\$5,530		
New			Total Project Cost:	\$14,809		

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	9,411.0	0.0	0.0	9,411.0	Square feet

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-405 7.2 5545 0719000107	In Long Beach, at the Pacific Place Maintenance Station at 3725 Pacific Place. Replace a deteriorated building with a new building at the maintenance station.	35820 2022-23	R/W: \$22 Con: \$2,335	PA&ED: \$661 PS&E: \$1,875 R/W Sup: \$89 Con Sup: \$1,551	20-21 21-22 21-22 22-23	PA&ED: 10/15/2021 R/W Cert: 3/1/2023 RTL: 3/24/2023 Begin Con: 1/31/2024
<i>New</i>			Subtotal: \$2,357	\$4,176		
			Total Project Cost:	\$6,533		

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,323.0	1,323.0	Square feet
Post Condition	1,636.0	0.0	0.0	1,636.0	Square feet

MULTIPLE OBJECTIVE

07-Los Angeles-5 0.8 5159 0716000301	In Kern County, at the Tejon Safety Roadside Rest Area (SRRA) (PM 0.8). Install pilot solar energy system on roadway to provide electric power to SRRA.	33320 2020-21	R/W: \$61 Con: \$2,739	PA&ED: \$500 PS&E: \$1,500 R/W Sup: \$20 Con Sup: \$1,100	Prior Prior Prior 20-21	PA&ED: 6/27/2019 R/W Cert: 4/19/2021 RTL: 5/17/2021 Begin Con: 12/6/2021
<i>Carryover</i>			Subtotal: \$2,800	\$3,120		
			Total Project Cost:	\$5,920		

Program 201.999 Multiple Objective
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 14.7/26.9 5157 0716000298	In and near the city of Los Angeles, from Ditman Avenue southbound offramp to Route 134; also on Route 2 (PM R18.7) and Route 101 (PM 11.8).	33300 2021-22	R/W: \$147 Con: \$16,927	PA&ED: \$650 PS&E: \$2,800 R/W Sup: \$25 Con Sup: \$4,100	Prior Prior Prior 21-22	PA&ED: 10/1/2019 R/W Cert: 12/2/2021 RTL: 12/30/2021 Begin Con: 8/4/2022
Carryover	Multi-objective Asset Management project that includes widening and extending deceleration length on the Indiana Street/Calzona Street southbound offramp, upgrade guardrail and (Transportation Management System (TMS), construct highway worker safety features.		Subtotal: \$17,074 Total Project Cost:	\$7,575 \$24,649		
				Program 201.999 Multiple Objective Project Output(s) 101 Location(s)		

Los Angeles County

R/W: \$134,928	PA&ED: \$138,995
Const: \$1,894,210	PS&E: \$391,911
	R/W Sup: \$40,823
	Con Sup: \$463,724
Subtotal: \$2,029,138	\$1,035,453
Total (Capital + Support):	\$3,064,591

V4.0 2020 SHOPP Project List
Madera
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

06-Madera-99 R7.0/R7.5 6857 0616000207	Near the city of Madera, at Cottonwood Creek Bridge No. 41 -065R, No. 41-0065L and No. 41-0065S. Replace bridges to mitigate corrosion by chloride latent concrete.	0V120 2021-22	R/W: \$137 * Con: \$24,500	PA&ED: \$2,400 PS&E: \$3,200 R/W Sup: \$100 * Con Sup: \$6,100	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 7/7/2021 RTL: 7/26/2021 Begin Con: 3/2/2022
<i>Carryover</i>	(G13 Contingency)		Subtotal: \$24,637	\$11,800		
			Total Project Cost:	\$36,437		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 3 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	7,104.0	19,063.0	0.0	26,167.0	Square feet
Post Condition	26,167.0	0.0	0.0	26,167.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 41-0065L	Poor	Good
Bridge No. 41-0065R	Fair	Good
Bridge No. 41-0065S	Fair	Good

ROADWAY PRESERVATION

06-Madera-41 6.3/9.2 6708 0614000058	Near Fresno, from north of Avenue 15 to south of Route 145. Roadway rehabilitation.	0R210 2020-21	R/W: \$4,200 Con: \$13,900	PA&ED: \$2,463 PS&E: \$2,390 R/W Sup: \$1,296 Con Sup: \$3,000	Prior 20-21 20-21 20-21	PA&ED: 5/13/2020 R/W Cert: 5/1/2021 RTL: 5/3/2021 Begin Con: 11/1/2021
<i>Carryover</i>			Subtotal: \$18,100	\$9,149		
			Total Project Cost:	\$27,249		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 6.0 Lane mile(s)

Primary Asset

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.5	5.5	0.0	6.0	Lane mile(s)
Post Condition	6.0	0.0	0.0	6.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Madera
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Madera-145 8.0/12.0 7005 0619000005	In and near the city of Madera, from south of Avenue 13 to 1.0 mile north of Tozer Street. Rehabilitate pavement, install Transportation Management System (TMS) elements, construct rumble strips, replace signs, and rehabilitate drainage systems.	0Y180 2022-23	R/W: \$165 Con: \$9,400	PA&ED: \$800 PS&E: \$1,275 R/W Sup: \$340 Con Sup: \$1,450	20-21 20-21 20-21 22-23	PA&ED: 10/1/2020 R/W Cert: 3/1/2023 RTL: 3/2/2023 Begin Con: 10/15/2023
New			Subtotal: \$9,565	\$3,865		
			Total Project Cost:	\$13,430		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 10.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.7	9.1	0.0	10.8	Lane mile(s)
Post Condition	10.8	0.0	0.0	10.8	Lane mile(s)

Madera County

R/W:	\$4,502	PA&ED:	\$5,663
Const:	\$47,800	PS&E:	\$6,865
		R/W Sup:	\$1,736
		Con Sup:	\$10,550
Subtotal:	\$52,302		\$24,814
Total (Capital + Support):			\$77,116

V4.0 2020 SHOPP Project List
Marin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

04-Marín-101 9.4/10.4 1452K 0417000028	In San Rafael, at Route 580; and in Sonoma County in Santa Rosa from PM 19.7 to PM 20.7; in Solano County on Route 37 in Vallejo from PM R9.4 to PM R10.4 and on Route 80 in and near Vallejo and Fairfield from PM 6.5 to 17.5; also in Napa County, on Route 29 in and near the cities of Napa and Yountville from PM 11.0 to 21.0. Upgrade fencing to reduce maintenance worker exposure.	2K810 2021-22	R/W: \$100 Con: \$3,142	PA&ED: \$550 PS&E: \$550 R/W Sup: \$100 Con Sup: \$550	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 1/14/2022 RTL: 4/15/2022 Begin Con: 10/14/2022
			Subtotal: \$3,242	\$1,750		
<i>Carryover</i>			Total Project Cost:	\$4,992		
						Roadside Safety Improvements/Freeway
						Program 201.235 Maintenance Access
						Project Output(s) 41 Location(s)

MANDATES

04-Marín-101 13.7 1495K 0416000141	In San Rafael, at Manuel T Freitas Parkway. Upgrade curb ramps, sidewalk, and other facilities to make compliant with Americans with Disabilities Act (ADA) standards.	0K800 2021-22	R/W: \$125 Con: \$2,239	PA&ED: \$300 PS&E: \$850 R/W Sup: \$120 Con Sup: \$850	Prior Prior Prior 21-22	PA&ED: 6/3/2019 R/W Cert: 3/5/2021 RTL: 7/2/2021 Begin Con: 11/24/2021
			Subtotal: \$2,364	\$2,120		
<i>Carryover</i>			Total Project Cost:	\$4,484		
						Americans with Disabilities Act New Curb
						Program 201.361 Ramps
						Project Output(s) 8 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	8.0	8.0	Each
Post Condition	8.0	0.0	0.0	8.0	Each

V4.0 2020 SHOPP Project List
Marin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

04-Marín-37 14.5 0332C 0419000019	Near Novato, at Petaluma River Bridge No. 27-0013. Rehabilitate bridge deck, upgrade railings, replace fender system, and mitigate bridge scour.	2Q500 2023-24	R/W: \$130 * Con: \$32,040	PA&ED: \$1,810 PS&E: \$3,630 R/W Sup: \$110 * Con Sup: \$7,030	20-21 22-23 22-23 23-24	PA&ED: 10/6/2022 R/W Cert: 4/5/2024 RTL: 6/30/2024 Begin Con: 2/7/2025
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Subtotal: \$32,170 \$12,580
Total Project Cost: \$44,750

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	146,830.0	146,830.0	Square feet
Post Condition	146,830.0	0.0	0.0	146,830.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 27-0013 Fair Fair

04-Marín-1 0.4/23.0 2020N 0418000030	Near Mill Valley, Stinson Beach, and Olema, at Coyote Creek Bridge No. 27-0018 (PM 0.42), Eskoot Creek Bridge No. 27-0077 (PM 12.37), Olema Creek Bridge No. 27-0020 (PM 22.81) and Olema Creek Bridge No. 27-0021 (PM 22.96). Upgrade bridge rails.	0P960 2023-24	R/W: \$676 Con: \$8,091	PA&ED: \$1,650 PS&E: \$1,755 R/W Sup: \$444 Con Sup: \$2,065	20-21 22-23 22-23 23-24	PA&ED: 10/6/2022 R/W Cert: 4/5/2024 RTL: 5/1/2024 Begin Con: 1/17/2025
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Subtotal: \$8,767 \$5,914
Total Project Cost: \$14,681

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 504.0 Linear feet
4 Bridge(s)

Primary Asset

(Bridge Rail)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	504.0	504.0	Linear feet rail
Post Condition	504.0	0.0	0.0	504.0	Linear feet rail

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 27-0018 Fair Fair
Bridge No. 27-0020 Good Good
Bridge No. 27-0021 Good Good
Bridge No. 27-0077 Fair Fair

V4.0 2020 SHOPP Project List
Marin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Marin-1 28.5 0756K 0413000350	Near Point Reyes Station, at Lagunitas Creek Bridge No. 27-0023. Replace bridge.	0G642 2020-21	R/W: \$6,500 Con: \$11,552	PA&ED: \$4,187 PS&E: \$2,850 R/W Sup: \$750 Con Sup: \$2,500	Prior Prior Prior 20-21	PA&ED: 6/29/2018 R/W Cert: 8/20/2020 RTL: 8/25/2020 Begin Con: 2/26/2021
			Subtotal: \$18,052	\$10,287		
Carryover			Total Project Cost:	\$28,339		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4,413.0	4,413.0	Square feet
Post Condition	7,820.0	0.0	0.0	7,820.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 27-0023	Poor	Good

04-Marin-101 7.4 1493E 0416000042	In Corte Madera, at Tamalpais Drive Overcrossing No. 27-0072 (PM 7.37). Bridge seismic restoration and upgrade facilities to Americans with Disabilities Act (ADA) standards.	4J860 2023-24	R/W: \$692 Con: \$16,810	PA&ED: \$2,115 PS&E: \$3,462 R/W Sup: \$169 Con Sup: \$2,957	20-21 22-23 22-23 23-24	PA&ED: 6/30/2022 R/W Cert: 12/29/2023 RTL: 1/31/2024 Begin Con: 8/30/2024
			Subtotal: \$17,502	\$8,703		
New			Total Project Cost:	\$26,205		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	61,570.0	61,570.0	Square feet
Post Condition	61,570.0	0.0	0.0	61,570.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 27-0072	Good	Good

V4.0 2020 SHOPP Project List
Marin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Marín-101 11.3 1493K 0416000096	In San Rafael, at Irwin Creek Bridge No. 27-0097. Rehabilitate corrugated metal arch culvert bridge and adjoining deteriorated culvert structures.	0K510 2021-22	R/W: \$944 Con: \$1,903	PA&ED: \$1,100 PS&E: \$880 R/W Sup: \$215 Con Sup: \$610	Prior 20-21 20-21 21-22	PA&ED: 12/2/2019 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 3/16/2022
<i>Carryover</i>			Subtotal: \$2,847	\$2,805		
			Total Project Cost:	\$5,652		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	3,961.0	0.0	3,961.0	Square feet
Post Condition	3,961.0	0.0	0.0	3,961.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 27-0097	Fair	Good

ROADWAY PRESERVATION

04-Marín-1 22.8/33.0 1480A 0414000403	Near Point Reyes Station and Olema, from Olema Creek Bridge to north of Cypress Road; also near Tomales, from south of Tomales-Petaluma Road to south of Valley Ford Road (PM 45.0/50.5). Pavement rehabilitation, improve drainage, and upgrade Americans with Disabilities Act (ADA) facilities. (G13 Contingency)	1J960 2021-22	R/W: \$817 * Con: \$24,545	PA&ED: \$1,320 PS&E: \$2,500 R/W Sup: \$350 * Con Sup: \$2,300	Prior 20-21 20-21 21-22	PA&ED: 8/14/2020 R/W Cert: 4/15/2022 RTL: 4/29/2022 Begin Con: 10/31/2022
<i>Carryover</i>			Subtotal: \$25,362	\$6,470		
			Total Project Cost:	\$31,832		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 27.8 Lane mile(s)

<u>Primary Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	7.3	20.5	27.8	Lane mile(s)
Post Condition	27.8	0.0	0.0	27.8	Lane mile(s)

V4.0 2020 SHOPP Project List
Marin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Marín-37 R11.2/14.6 1452B 041700018	In and near Novato, from Route 101 to Sonoma County line. Rehabilitate pavement, upgrade guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2K740 2023-24	R/W: \$1,038 Con: \$18,936	PA&ED: \$2,509 PS&E: \$2,405 R/W Sup: \$350 Con Sup: \$1,600	20-21 22-23 22-23 23-24	PA&ED: 7/8/2022 R/W Cert: 4/12/2024 RTL: 5/17/2024 Begin Con: 4/7/2025
New			Subtotal: \$19,974	\$6,864		
			Total Project Cost:	\$26,838		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	14.0	0.0	14.0	Lane mile(s)
Post Condition	14.0	0.0	0.0	14.0	Lane mile(s)

04-Marín-131 0.0/4.4 2023A 0418000221	In and near Tiburon, from Route 101 to Main Street (PM 0.0/4.392). Rehabilitate pavement, upgrade guardrail, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1Q230 2023-24	R/W: \$531 Con: \$10,421	PA&ED: \$2,193 PS&E: \$3,317 R/W Sup: \$104 Con Sup: \$2,717	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 1/2/2024 RTL: 2/5/2024 Begin Con: 6/13/2024
New			Subtotal: \$10,952	\$8,331		
			Total Project Cost:	\$19,283		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 12.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12.5	12.5	Lane mile(s)
Post Condition	12.5	0.0	0.0	12.5	Lane mile(s)

V4.0 2020 SHOPP Project List
Marin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Marin-1 13.1/44.9 2029G 0419000022	Near Stinson Beach, Point Reyes, and Tomales, from north of Calle Del Arroyo to south of Tomales Petaluma Road at various locations. Rehabilitate drainage systems.	2Q530 2023-24	R/W: \$989 Con: \$6,551	PA&ED: \$2,250 PS&E: \$1,950 R/W Sup: \$670 Con Sup: \$2,150	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 4/15/2024 RTL: 5/13/2024 Begin Con: 2/7/2025
New			Subtotal: \$7,540	\$7,020		
			Total Project Cost:	\$14,560		

Program 201.151 Drainage System Restoration
Project Output(s) 29 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,205.0	1,205.0	Linear feet
Post Condition	1,205.0	0.0	0.0	1,205.0	Linear feet

04-Marin-1 13.1/45.1 0322B 0417000036	Near Stinson Beach, Point Reyes, and Tomales, from north of Calle Del Arroyo to south of Tomales Petaluma Road at various locations. Rehabilitate drainage systems.	3A250 2023-24	R/W: \$740 Con: \$3,578	PA&ED: \$1,750 PS&E: \$1,400 R/W Sup: \$480 Con Sup: \$1,380	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 4/15/2024 RTL: 5/13/2024 Begin Con: 2/7/2025
New			Subtotal: \$4,318	\$5,010		
			Total Project Cost:	\$9,328		

Program 201.151 Drainage System Restoration
Project Output(s) 21 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	860.0	860.0	Linear feet
Post Condition	860.0	0.0	0.0	860.0	Linear feet

V4.0 2020 SHOPP Project List
Marin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Marín-1 40.3 1485E 0414000524	Near Marshall, at 0.1 mile south of Clark Road. Replace culvert.	2J510 2023-24	R/W: \$176 Con: \$2,307	PA&ED: \$1,250 PS&E: \$1,360 R/W Sup: \$300 Con Sup: \$1,400	20-21 22-23 22-23 23-24	PA&ED: 7/8/2022 R/W Cert: 3/7/2024 RTL: 4/12/2024 Begin Con: 12/4/2024
			Subtotal: \$2,483	\$4,310		
New			Total Project Cost:	\$6,793		

Program 201.151 Drainage System Restoration
Project Output(s) 1 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	66.0	66.0	Linear feet
Post Condition	66.0	0.0	0.0	66.0	Linear feet

Marin County

R/W:	\$13,458	PA&ED:	\$22,984
Const:	\$142,115	PS&E:	\$26,909
		R/W Sup:	\$4,162
		Con Sup:	\$28,109
Subtotal:	\$155,573		\$82,164
Total (Capital + Support):			\$237,737

V4.0 2020 SHOPP Project List
Mariposa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

10-Mariposa-140 42.0/42.7 0280 1014000148	Near El Portal and Yosemite National Park, at 0.5 miles west of South Fork Merced River. Construct rock shed.	0P921 2021-22	* R/W: \$1,500 * Con: \$175,000	PA&ED: PS&E: \$5,500 R/W Sup: \$100 * Con Sup: \$17,500	Prior Prior 21-22	PA&ED: 1/29/2014 R/W Cert: 11/1/2021 RTL: 12/15/2021 Begin Con: 5/16/2022
	(PS&E, R/W Sup Only)		Subtotal: \$176,500	\$23,100		
Carryover			Total Project Cost:	\$199,600		

** Con, * R/W, * Con Sup phase(s) are NOT authorized*

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

ROADWAY PRESERVATION

10-Mariposa-140 12.0/22.1 3252 1015000008	In and near the Mariposa community, from 1.7 miles east of Catheys Valley Park to the north Route 49 Junction. Rehabilitate pavement and upgrade Americans with Disabilities Act (ADA) ramps.	0Y770 2021-22	R/W: \$1,989 * Con: \$17,363	PA&ED: \$1,025 PS&E: \$1,095 R/W Sup: \$416 * Con Sup: \$1,689	Prior Prior Prior 21-22	PA&ED: 4/1/2020 R/W Cert: 5/1/2022 RTL: 6/1/2022 Begin Con: 12/1/2022
			Subtotal: \$19,352	\$4,225		
Carryover	(G13 Contingency)		Total Project Cost:	\$23,577		

** Construction Capital and * Construction Support phases are NOT authorized*

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 23.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	17.9	5.7	23.6	Lane mile(s)
Post Condition	23.6	0.0	0.0	23.6	Lane mile(s)

V4.0 2020 SHOPP Project List
Mariposa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Mariposa-140 25.3/51.8 3167 101600025	Near the Mariposa community and El Portal, from East Whitlock Road to Yosemite National Park entrance. Pavement rehabilitation.	0Y780 2021-22	R/W: \$162 * Con: \$23,765	PA&ED: \$900 PS&E: \$1,900 R/W Sup: \$30 * Con Sup: \$2,330	Prior Prior Prior 21-22	PA&ED: 10/15/2020 R/W Cert: 10/1/2021 RTL: 4/15/2022 Begin Con: 5/16/2022
<i>Carryover</i>	(G13 Contingency)					

Subtotal: \$23,927 \$5,160
Total Project Cost: \$29,087
** Construction Capital and * Construction Support phases are NOT authorized*

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 54.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	43.4	11.4	54.8	Lane mile(s)
Post Condition	54.8	0.0	0.0	54.8	Lane mile(s)

ROADWAY PROTECTIVE BETTERMENTS

10-Mariposa-140 32.2 3194 1014000182	Near Briceburg, at 2.1 miles west of Bull Creek Road. Repair slope slipout and erosion damage at large culvert pipe outlet.	0Y340 2020-21	R/W: \$40 Con: \$1,850	PA&ED: \$955 PS&E: \$155 R/W Sup: \$925 Con Sup: \$925	Prior Prior 20-21	PA&ED: 7/29/2016 R/W Cert: 1/4/2021 RTL: 2/12/2021 Begin Con: 7/1/2021
<i>Carryover</i>						

Subtotal: \$1,890 \$2,035
Total Project Cost: \$3,925

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

Mariposa County

R/W: \$3,691	PA&ED: \$1,925
Const: \$217,978	PS&E: \$9,450
	R/W Sup: \$701
	Con Sup: \$22,444
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Subtotal: \$221,669	\$34,520
Total (Capital + Support):	\$256,189

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

01-Mendocino-101 1.4/1.7 4705 0118000111	Near Hopland, from 0.7 mile to 1.0 mile north of Geysers Road. Stabilize slope by constructing a soldier pile retaining wall and reinforce embankment.	0H810 2021-22	R/W: \$1 Con: \$4,090	PA&ED: \$883 PS&E: \$959 R/W Sup: \$52 Con Sup: \$1,050	Prior 20-21 Prior 21-22	PA&ED: 5/25/2020 R/W Cert: 8/25/2020 RTL: 7/15/2021 Begin Con: 12/7/2021
<i>Carryover</i>			Subtotal: \$4,091	\$2,944		
			Total Project Cost:	\$7,035		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

01-Mendocino-162 11.5/11.8 4553 0114000035	Near Dos Rios, from 1.4 to 1.7 miles east of Rodeo Creek Bridge. Construct soldier pile walls, shear pile wall, drainage galleries, and correct roadway profile.	0B530 2020-21	R/W: \$355 Con: \$40,350	PA&ED: \$2,060 PS&E: \$2,400 R/W Sup: \$170 Con Sup: \$4,600	Prior Prior Prior 20-21	PA&ED: 3/1/2020 R/W Cert: 2/15/2021 RTL: 3/1/2021 Begin Con: 2/1/2022
<i>Carryover</i>			Subtotal: \$40,705	\$9,230		
			Total Project Cost:	\$49,935		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-271 19.6/20.0 4702 0118000106	Near Piercy, from 0.1 mile to 0.5 mile north of Route 101. Repair slope by constructing a retaining wall, reconstruct roadway and shoulders.	0H780 2021-22	R/W: \$64 Con: \$4,208	PA&ED: \$1,192 PS&E: \$1,643 R/W Sup: \$58 Con Sup: \$1,266	Prior 20-21 20-21 21-22	PA&ED: 9/15/2020 R/W Cert: 12/1/2021 RTL: 12/15/2021 Begin Con: 4/4/2022
<i>Carryover</i>			Subtotal: \$4,272	\$4,159		
			Total Project Cost:	\$8,431		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

01-Mendocino-1 6.5/9.5 4630 0116000047	Near Gualala, from 0.4 mile north of Havens Neck Drive to 0.5 mile south of Iverson Road. Widen shoulders and install edge-line rumble strips and guardrail.	0F710 2020-21	R/W: \$455 Con: \$1,334	PA&ED: \$940 PS&E: \$978 R/W Sup: \$472 Con Sup: \$728	Prior Prior Prior 20-21	PA&ED: 3/27/2020 R/W Cert: 6/10/2021 RTL: 6/25/2021 Begin Con: 10/20/2021
<i>Carryover</i>			Subtotal: \$1,789	\$3,118		
			Total Project Cost:	\$4,907		

Program 201.010 Safety Improvements
Project Output(s) 6 Collision(s) reduced

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-1 R65.1/65.5 4656 0117000026	Near Fort Bragg, from north of Mill Creek Drive to north of Ward Avenue. Widen shoulders.	0G600 2021-22	R/W: \$275 Con: \$1,633	PA&ED: \$833 PS&E: \$1,218 R/W Sup: \$224 Con Sup: \$865	Prior 20-21 20-21 21-22	PA&ED: 11/20/2020 R/W Cert: 12/31/2021 RTL: 1/14/2022 Begin Con: 6/1/2022
			Subtotal: \$1,908	\$3,140		
<i>Carryover</i>			Total Project Cost:	\$5,048		

Program 201.010 Safety Improvements
Project Output(s) 11 Collision(s) reduced

01-Mendocino-20 19.1/19.6 4691 0117000225	Near Willits, from 0.9 mile west to 0.4 mile west of James Creek Bridge. Improve curve, install center and edge-line rumble strips, upgrade guardrail, and widen shoulders.	0H450 2021-22	R/W: \$140 Con: \$2,565	PA&ED: \$754 PS&E: \$1,079 R/W Sup: \$220 Con Sup: \$725	Prior Prior Prior 21-22	PA&ED: 7/1/2020 R/W Cert: 8/26/2021 RTL: 9/10/2021 Begin Con: 2/3/2022
			Subtotal: \$2,705	\$2,778		
<i>Carryover</i>			Total Project Cost:	\$5,483		

Program 201.010 Safety Improvements
Project Output(s) 14 Collision(s) reduced

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-20 20.0/20.3 4717 0118000171	Near Willits, from James Creek Bridge to 0.3 mile east of James Creek Bridge. Improve curve and roadway cross slope, widen shoulders, and install rumble strips.	0J120 2021-22	R/W: \$30 Con: \$1,100	PA&ED: \$944 PS&E: \$798 R/W Sup: \$142 Con Sup: \$1,080	Prior 20-21 20-21 21-22	PA&ED: 7/13/2020 R/W Cert: 11/1/2021 RTL: 11/15/2021 Begin Con: 3/4/2022
Carryover			Subtotal: \$1,130	\$2,964		
			Total Project Cost:	\$4,094		

Program 201.010 Safety Improvements
Project Output(s) 30 Collision(s) reduced

MANDATES

01-Mendocino-1 59.8/62.1 4546 0112000110	In Fort Bragg, from Route 20 to Pudding Creek Bridge. Construct Americans with Disabilities Act (ADA) compliant curb ramps and sidewalk, add high visibility signing and striping at crosswalks, construct retaining walls, and upgrade drainage.	0B220 2020-21	R/W: \$256 Con: \$4,218	PA&ED: \$750 PS&E: \$1,246 R/W Sup: \$511 Con Sup: \$1,588	Prior Prior Prior 20-21	PA&ED: 7/15/2020 R/W Cert: 2/1/2021 RTL: 3/1/2021 Begin Con: 11/1/2021
Carryover			Subtotal: \$4,474	\$4,095		
			Total Project Cost:	\$8,569		

Americans with Disabilities Act Pedestrian
Program 201.378 Infrastructure
Project Output(s) 68 Structure(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	68.0	68.0	Each
Post Condition	68.0	0.0	0.0	68.0	Each

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

01-Mendocino-1 42.4/43.3 4491 0100000155	Near Albion, from 2.2 miles north of Route 128 Junction to 0.2 mile north of Salmon Creek Bridge No. 10-0134. Bridge replacement.	40140 2021-22	R/W: \$6,324 * Con: \$36,775	PA&ED: \$5,800 PS&E: \$5,593 R/W Sup: \$810 * Con Sup: \$6,290	Prior Prior Prior 21-22	PA&ED: 7/16/2021 R/W Cert: 4/25/2022 RTL: 6/15/2022 Begin Con: 10/1/2022
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Subtotal: \$43,099 \$18,493
Total Project Cost: \$61,592

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	21,915.0	21,915.0	Square feet
Post Condition	34,769.0	0.0	0.0	34,769.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 10-0134 Poor Good

01-Mendocino-1 43.3/44.2 4490 0100000154	Near Albion, from 3.0 miles north of Route 128 Junction to 0.2 mile north of Albion River Bridge No. 10-0136. Bridge replacement.	40110 2022-23	R/W: \$7,748 Con: \$65,673	PA&ED: \$5,500 PS&E: \$6,250 R/W Sup: \$987 Con Sup: \$7,750	Prior 21-22 21-22 22-23	PA&ED: 7/15/2021 R/W Cert: 2/15/2023 RTL: 3/15/2023 Begin Con: 7/19/2023
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Subtotal: \$73,421 \$20,487
Total Project Cost: \$93,908

SB1 Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	27,340.0	27,340.0	Square feet
Post Condition	56,440.0	0.0	0.0	56,440.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 10-0136 Poor Good

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-20 33.3/34.4 4587 0113000123	Near Ukiah, from North Calpella Overcrossing to 0.5 mile east of County Road 144 at Russian River Bridge and Overhead No. 10-0182 and Redwood Valley Undercrossing No. 10-0183. Replace two bridges with a single bridge on a new alignment.	0E090 2020-21	R/W: \$4,001 Con: \$29,036	PA&ED: \$2,087 PS&E: \$3,129 R/W Sup: \$301 Con Sup: \$7,934	Prior Prior Prior 20-21	PA&ED: 2/1/2020 R/W Cert: 5/14/2021 RTL: 5/31/2021 Begin Con: 10/20/2021
<i>Carryover</i>			Subtotal: \$33,037 Total Project Cost:	\$13,451 \$46,488		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	19,967.0	19,967.0	Square feet
Post Condition	45,500.0	0.0	0.0	45,500.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 10-0182	Poor	Good
Bridge No. 10-0183	Poor	Good

01-Mendocino-271 17.7/18.0 4710 0118000130	Near Piercy, from 0.7 mile north of Routes 271/101 Separation Bridge No. 10-0217 to 0.4 mile south of Sidehill Viaduct No. 10-0100. Mitigation planting and monitoring for EA 0A840.	0A841 2020-21	R/W: Con: \$205	PA&ED: PS&E: R/W Sup: Con Sup: \$172	20-21	PA&ED: 4/27/2017 R/W Cert: 4/15/2018 RTL: 7/15/2020 Begin Con: 9/15/2020
<i>Carryover</i>			Subtotal: \$205 Total Project Cost:	\$172 \$377		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-1 4507 0100000672	Near the Mendocino community, at Jack Peters Creek Bridge No. 10-0150 (PM 51.87); also in Fort Bragg at Pudding Creek Bridge No. 10-0158 (PM 62.12). Upgrade and replace barrier rails and bridge replacement.	43480 2020-21	R/W: \$450 Con: \$19,019	PA&ED: \$3,806 PS&E: \$2,825 R/W Sup: \$335 Con Sup: \$4,750	Prior Prior Prior 20-21	PA&ED: 4/15/2020 R/W Cert: 6/11/2021 RTL: 6/18/2021 Begin Con: 10/20/2021
Carryover			Subtotal: \$19,469 Total Project Cost:	\$11,716 \$31,185		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,328.0 Linear feet
2 Bridge(s)

Primary Asset
(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	887.0	887.0	Linear feet rail
Post Condition	1,328.0	0.0	0.0	1,328.0	Linear feet rail

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 10-0150	Fair	Good
Bridge No. 10-0158	Good	Good

01-Mendocino-1 31.4 4588 0113000125	Near Fort Bragg, at Elk Creek Bridge No. 10-0120. Replace bridge.	0E110 2021-22	R/W: \$333 Con: \$8,325	PA&ED: \$1,363 PS&E: \$1,445 R/W Sup: \$191 Con Sup: \$1,759	Prior 20-21 20-21 21-22	PA&ED: 1/15/2021 R/W Cert: 4/29/2022 RTL: 5/6/2022 Begin Con: 8/31/2022
Carryover			Subtotal: \$8,658 Total Project Cost:	\$4,758 \$13,416		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 532.0 Linear feet
1 Bridge(s)

Primary Asset
(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	324.0	324.0	Linear feet rail
Post Condition	532.0	0.0	0.0	532.0	Linear feet rail

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 10-0120	Fair	Good
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V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-1 59.7 4588B 0115000109	Near Fort Bragg, at Hare Creek Bridge No. 10-0175. Upgrade bridge rails and widen to make standard.	0E111 2021-22	R/W: \$474 Con: \$12,452	PA&ED: \$2,770 PS&E: \$2,979 R/W Sup: \$183 Con Sup: \$3,498	Prior 20-21 20-21 21-22	PA&ED: 1/15/2021 R/W Cert: 3/7/2022 RTL: 3/15/2022 Begin Con: 7/20/2022
			Subtotal: \$12,926	\$9,430		
Carryover			Total Project Cost:	\$22,356		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 868.0 Linear feet
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	868.0	868.0	Linear feet rail
Post Condition	868.0	0.0	0.0	868.0	Linear feet rail

Bridge Health

Existing Condition Post Condition

Bridge No. 10-0175	Good	Good
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01-Mendocino-101 R106.4/T106.8 4627 0116000015	Near Piercy, at South Fork Eel River Bridge No. 10-0218 (PM R106.57); also in Humboldt County (PM T0.0/T0.1). Seismic bridge retrofit, bridge rail upgrade, restripe for wider shoulders and bicycle access, and upgrade deck drainage.	0F510 2021-22	R/W: \$26 Con: \$3,605	PA&ED: \$739 PS&E: \$1,028 R/W Sup: \$248 Con Sup: \$1,278	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 1/1/2022 RTL: 1/15/2022 Begin Con: 6/1/2022
			Subtotal: \$3,631	\$3,293		
Carryover			Total Project Cost:	\$6,924		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

**Primary Asset
(Seismic)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	31,312.0	31,312.0	Square feet
Post Condition	31,312.0	0.0	0.0	31,312.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 10-0218	Good	Good
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V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-162 8.2 4692 0117000223	Near Longvale, from 8.2 miles to 8.3 miles east of Route 101 at Eel River Bridge No. 10-0236. Bridge seismic retrofit.	0A131 2021-22	R/W: \$618 Con: \$6,383	PA&ED: \$737 PS&E: \$1,295 R/W Sup: \$127 Con Sup: \$4,179	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 12/30/2021 RTL: 1/15/2022 Begin Con: 6/1/2022
Carryover			Subtotal: \$7,001	\$6,338		
			Total Project Cost:	\$13,339		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	7,266.0	7,266.0	Square feet
Post Condition	7,266.0	0.0	0.0	7,266.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 10-0236	Good	Good
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ROADWAY PRESERVATION

01-Mendocino-162 R0.0/25.7 4676 0117000116	Near Dos Rios, from Route 101 to 2.6 miles west of Grist Creek Bridge. Rehabilitate roadway, upgrade guardrail and signs, apply High Friction Surface Treatment (HFST),	0H150 2023-24	R/W: \$109 Con: \$35,935	PA&ED: \$1,563 PS&E: \$1,477 R/W Sup: \$480 Con Sup: \$5,492	20-21 21-22 20-21 23-24	PA&ED: 8/1/2022 R/W Cert: 10/1/2023 RTL: 10/15/2023 Begin Con: 2/15/2024
New	replace Transportation Management System (TMS) elements, and enhance highway worker safety.		Subtotal: \$36,044	\$9,012		
			Total Project Cost:	\$45,056		

SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 50.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	26.2	24.5	50.7	Lane mile(s)
Post Condition	50.7	0.0	0.0	50.7	Lane mile(s)

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-1 33.7/R51.0 4697 0117000240	Near the Mendocino community, from south of Philo Greenwood Road to north of Little Lake Road. Rehabilitate pavement, upgrade guardrail, and replace rumble strips.	0H600 2023-24	R/W: \$38 Con: \$27,321	PA&ED: \$701 PS&E: \$900 R/W Sup: \$111 Con Sup: \$2,502	20-21 21-22 21-22 23-24	PA&ED: 12/7/2021 R/W Cert: 7/17/2023 RTL: 7/31/2023 Begin Con: 1/8/2024
New			Subtotal: \$27,359	\$4,214		
			Total Project Cost:	\$31,573		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 34.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	34.3	0.0	34.3	Lane mile(s)
Post Condition	34.3	0.0	0.0	34.3	Lane mile(s)

01-Mendocino-1 87.9/105.6 4696 0117000239	Near Leggett, from north of Rockport Street to Route 101 (PM 87.85/105.580). Rehabilitate pavement and upgrade guardrail and Transportation Management System (TMS) elements.	0H590 2022-23	R/W: \$456 Con: \$21,791	PA&ED: \$531 PS&E: \$726 R/W Sup: \$133 Con Sup: \$1,865	20-21 21-22 21-22 22-23	PA&ED: 12/1/2021 R/W Cert: 1/6/2023 RTL: 1/20/2023 Begin Con: 5/1/2023
New			Subtotal: \$22,247	\$3,255		
			Total Project Cost:	\$25,502		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 30.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	20.2	10.7	30.9	Lane mile(s)
Post Condition	30.9	0.0	0.0	30.9	Lane mile(s)

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation			Milestones
					FY	FY	FY	
01-Mendocino-101 R33.7/R43.2 4677 0117000117	Near Willits, from 1.1 miles north of West Road to 0.6 mile south of Haehl Creek Bridge. Rehabilitate pavement, replace concrete median barrier, rehabilitate drainage systems, and upgrade guardrail, signs, lighting, and Transportation Management System (TMS) elements.	0H160 2022-23	R/W: \$39 Con: \$47,888	PA&ED: \$561 PS&E: \$910 R/W Sup: \$33 Con Sup: \$3,457	20-21 21-22 21-22 22-23		PA&ED: 8/1/2021 R/W Cert: 1/2/2023 RTL: 1/16/2023 Begin Con: 6/1/2023	
New			Subtotal: \$47,927 Total Project Cost:	\$4,961 \$52,888				

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 37.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.1	36.9	0.5	37.5	Lane mile(s)
Post Condition	37.5	0.0	0.0	37.5	Lane mile(s)

01-Mendocino-101 49.0/55.1 4678 0117000119	Near Willits, from 0.6 mile north of Upp Creek Bridge to 2.6 miles north of Ryan Creek Road. Rehabilitate pavement and upgrade guardrail and signs.	0H170 2023-24	R/W: \$16 Con: \$10,203	PA&ED: \$886 PS&E: \$814 R/W Sup: \$27 Con Sup: \$2,217	20-21 21-22 21-22 23-24		PA&ED: 11/1/2021 R/W Cert: 6/19/2023 RTL: 7/4/2023 Begin Con: 12/20/2023
New			Subtotal: \$10,219 Total Project Cost:	\$3,944 \$14,163			

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.1 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	14.1	0.0	14.1	Lane mile(s)
Post Condition	14.1	0.0	0.0	14.1	Lane mile(s)

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-101 55.0/64.9 4694 0117000235	Near Willits, from 0.5 mile south of Shimmins Ridge Road to north of Old Sherwood Road. Rehabilitate roadway and upgrade guardrail and Transportation Management System (TMS) elements.	0H550 2023-24	R/W: Con: \$26,973	PA&ED: \$820 PS&E: \$732 R/W Sup: \$126 Con Sup: \$2,871	21-22 22-23 22-23 23-24	PA&ED: 9/1/2022 R/W Cert: 10/1/2023 RTL: 10/15/2023 Begin Con: 2/15/2024
New			Subtotal: \$26,973	\$4,549		
			Total Project Cost:	\$31,522		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 37.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	37.4	0.0	37.4	Lane mile(s)
Post Condition	37.4	0.0	0.0	37.4	Lane mile(s)

01-Mendocino-101 R104.5 4745 0113000106	Near Piercy, at 0.7 mile north of Piercy Separation (Route 271). Replace culvert.	48400 2022-23	R/W: \$17 Con: \$2,576	PA&ED: \$30 PS&E: \$201 R/W Sup: \$26 Con Sup: \$579	20-21 21-22 21-22 22-23	PA&ED: 5/3/2021 R/W Cert: 7/1/2022 RTL: 7/14/2022 Begin Con: 12/21/2022
New			Subtotal: \$2,593	\$836		
			Total Project Cost:	\$3,429		

Program 201.151 Drainage System Restoration
Project Output(s) 1 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	550.0	550.0	Linear feet
Post Condition	410.0	0.0	0.0	410.0	Linear feet

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

01-Mendocino-101	Near Willits, at the Ridgewood Grade Weigh Station. Install new Weigh-In-Motion (WIM) facility, restore existing weigh station concrete scale pad and rehabilitate asphalt pavement ramps, lanes and parking, upgrade and extend guardrail, upgrade lighting and Roadside Weather Information System (RWIS).	0H660	R/W: \$10	PA&ED: \$449	20-21	PA&ED: 1/1/2022
41.2		2023-24	Con: \$2,317	PS&E: \$720	21-22	R/W Cert: 7/1/2023
4698				R/W Sup: \$17	21-22	RTL: 7/15/2023
0117000248				Con Sup: \$697	23-24	Begin Con: 11/3/2023
New				Subtotal: \$2,327	\$1,883	
			Total Project Cost:	\$4,210		

Program 201.321 Weigh Stations
Project Output(s) 1 Location(s)

Mendocino County	
R/W:	\$22,235 PA&ED: \$36,699
Const:	\$415,975 PS&E: \$41,345
	R/W Sup: \$5,984
	Con Sup: \$69,192
Subtotal:	\$438,210 \$153,220
Total (Capital + Support):	\$591,430

V4.0 2020 SHOPP Project List
Merced
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

10-Merced-152 21.0 3417 1018000101	In Los Banos, at South 11th Street. Improve safety by installing new traffic signal.	1J300 2020-21	R/W: \$300 Con: \$1,527	PA&ED: \$480 PS&E: \$1,045 R/W Sup: \$93 Con Sup: \$596	Prior Prior Prior 20-21	PA&ED: 3/15/2019 R/W Cert: 10/8/2020 RTL: 10/12/2020 Begin Con: 5/3/2021
			Subtotal: \$1,827	\$2,214		
<i>Carryover</i>			Total Project Cost:	\$4,041		

Program 201.010 Safety Improvements
Project Output(s) 10 Collision(s) reduced

10-Merced-99 24.5/28.2 3442 1013000245	Near Atwater, from south of Westside Boulevard to south of Hammatt Avenue. Upgrade guardrail to current standards.	0Y610 2022-23	R/W: \$20 Con: \$2,304	PA&ED: \$677 PS&E: \$1,374 R/W Sup: \$20 Con Sup: \$783	20-21 21-22 21-22 22-23	PA&ED: 7/27/2021 R/W Cert: 10/21/2022 RTL: 11/21/2022 Begin Con: 6/13/2023
			Subtotal: \$2,324	\$2,854		
<i>New</i>			Total Project Cost:	\$5,178		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

V4.0 2020 SHOPP Project List
Merced
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Merced-140 2.3/49.0 3074 1013000243	In and near the cities of Gustine and Merced, from Outside Canal Bridge No. 39-0055 to 1.3 miles west of Mariposa County line, at various locations. Replace bridge approach guardrail on two bridges and removal of obstructions from clear recovery zone at eleven locations.	0Y130 2021-22	R/W: \$355 Con: \$4,225	PA&ED: \$1,279 PS&E: \$769 R/W Sup: \$252 Con Sup: \$1,172	Prior 20-21 20-21 21-22	PA&ED: 1/29/2020 R/W Cert: 11/15/2021 RTL: 2/1/2022 Begin Con: 8/1/2022
Carryover			Subtotal: \$4,580	\$3,472		
			Total Project Cost:	\$8,052		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

10-Merced-152 26.3/R40.7 3740 1017000043	Near Los Banos, from 0.4 mile east of Midway Road to 0.2 mile west of Route 59. Upgrade guardrail to make standard.	1C370 2020-21	R/W: \$13 Con: \$2,598	PA&ED: \$650 PS&E: \$939 R/W Sup: \$12 Con Sup: \$745	Prior Prior Prior 20-21	PA&ED: 9/19/2019 R/W Cert: 8/26/2020 RTL: 10/1/2020 Begin Con: 6/17/2021
Carryover			Subtotal: \$2,611	\$2,346		
			Total Project Cost:	\$4,957		

Program 201.015 Collision Severity Reduction
Project Output(s) 4 Collision(s) reduced

V4.0 2020 SHOPP Project List
Merced
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

10-Merced-33 R0.4/1.5 3441 1018000276	In and near Dos Palos, from Christian Avenue to north of Santos street; also in Gustine on Route 140 from east of Jensen Road to 2nd Street (PM 4.8/6.2). Upgrade facilities to Americans with Disabilities Act (ADA) standards.	1G250 2022-23	R/W: \$6 Con: \$4,463	PA&ED: \$1,134 PS&E: \$1,594 R/W Sup: Con Sup: \$1,330	20-21 21-22 22-23	PA&ED: 9/24/2021 R/W Cert: 10/14/2022 RTL: 4/21/2023 Begin Con: 12/15/2023
New			Subtotal: \$4,469	\$4,058		
			Total Project Cost:	\$8,527		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 72 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	72.0	72.0	Each
Post Condition	72.0	0.0	0.0	72.0	Each

BRIDGE PRESERVATION

10-Merced-152 3122 1012000316	In Merced County, on Routes 152, 140, and 59 at various locations. Seismic retrofit and bridge rail upgrade of seven bridges.	0G830 2022-23	R/W: \$1,700 Con: \$13,500	PA&ED: \$982 PS&E: \$3,000 R/W Sup: \$400 Con Sup: \$3,000	Prior 20-21 20-21 22-23	PA&ED: 12/20/2019 R/W Cert: 8/1/2022 RTL: 10/1/2022 Begin Con: 4/5/2023
Carryover			Subtotal: \$15,200	\$7,382		
			Total Project Cost:	\$22,582		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 7 Bridge(s)

Primary Asset

<u>(Seismic)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	92,925.0	92,925.0	Square feet
Post Condition	95,291.0	0.0	0.0	95,291.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 39-0009L	Fair	Fair
Bridge No. 39-0009R	Fair	Fair
Bridge No. 39-0028L	Good	Good
Bridge No. 39-0034L	Good	Good
Bridge No. 39-0034R	Good	Good
Bridge No. 39-0090	Good	Good
Bridge No. 39-0092	Good	Good

V4.0 2020 SHOPP Project List
Merced
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Merced-5 3102 1015000038 Carryover	In Merced, San Joaquin, Mariposa and Stanislaus Counties, on various routes at various locations. Scour mitigation and preventative structural maintenance measures at thirteen bridges.	1C810 2020-21	R/W: \$206 Con: \$3,200	PA&ED: \$819 PS&E: \$950 R/W Sup: \$542 Con Sup: \$1,200	Prior Prior Prior 20-21	PA&ED: 8/22/2018 R/W Cert: 12/1/2020 RTL: 12/18/2020 Begin Con: 7/23/2021
			Subtotal: \$3,406	\$3,511		
			Total Project Cost:	\$6,917		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 13 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	15,484.0	15,586.0	17,265.0	48,335.0	Square feet
Post Condition	48,335.0	0.0	0.0	48,335.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 29-0008R	Good	Good
Bridge No. 29-0014	Fair	Good
Bridge No. 29-0060	Fair	Good
Bridge No. 29-0061	Good	Good
Bridge No. 38-0039	Good	Fair
Bridge No. 38-0062	Poor	Fair
Bridge No. 38-0065	Good	Good
Bridge No. 39-0035L	Fair	Fair
Bridge No. 39-0153L	Poor	Poor
Bridge No. 39-0153R	Poor	Poor
Bridge No. 39-0167L	Fair	Fair
Bridge No. 39-0167R	Fair	Good
Bridge No. 40-0021	Good	Good

V4.0 2020 SHOPP Project List
Merced
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

10-Merced-59	Near Merced, from Route 152 to Reilly	0V690	R/W: \$908	PA&ED: \$1,415	20-21	PA&ED: 5/20/2022
R0.0/12.1	Road. Rehabilitate pavement,	2023-24	Con: \$20,020	PS&E: \$1,962	22-23	R/W Cert: 5/6/2024
3439	upgrade guardrail and lighting,			R/W Sup: \$610	22-23	RTL: 6/13/2024
1018000284	replace sign panels, construct rumble			Con Sup: \$2,639	23-24	Begin Con: 12/30/2024
	strips, rehabilitate drainage, replace		Subtotal: \$20,928	\$6,626		
New	one bridge, and rehabilitate two		Total Project Cost:	\$27,554		
	bridge decks.					

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.7	22.3	0.0	24.0	Lane mile(s)
Post Condition	24.0	0.0	0.0	24.0	Lane mile(s)

10-Merced-99	In and near Atwater, from 0.4 mile	3A721	R/W: \$5	PA&ED: \$400	Prior	PA&ED: 7/1/2020
20.1/24.3	south of Buhach Road to south of	2021-22	Con: \$1,000	PS&E: \$690	20-21	R/W Cert: 10/1/2021
5431Y	Westside Boulevard. Landscape			R/W Sup: \$10	20-21	RTL: 10/15/2021
1019000020	mitigation for roadway rehabilitation			Con Sup: \$1,100	21-22	Begin Con: 4/1/2022
	project EA 3A720.		Subtotal: \$1,005	\$2,200		
Carryover			Total Project Cost:	\$3,205		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 0.0 Lane mile(s)

V4.0 2020 SHOPP Project List
Merced
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

10-Merced-140 16.0/16.5 3438 1017000175	Near Hilmar, at the intersection of Route 140 (PM 16.0/16.5) and Route 165 (PM 26.6/27.1). Install a signal with dedicated left turn lanes or construct roundabout.	1H020 2023-24	R/W: \$255 Con: \$4,945	PA&ED: \$1,378 PS&E: \$1,581 R/W Sup: \$641 Con Sup: \$1,071	20-21 22-23 22-23 23-24	PA&ED: 6/10/2022 R/W Cert: 5/13/2024 RTL: 5/30/2024 Begin Con: 12/30/2024
New			Subtotal: \$5,200	\$4,671		
			Total Project Cost:	\$9,871		

Program 201.310 Operational Improvements
Project Output(s) 53.2 Daily vehicle hour(s) of delay (DVHD)

10-Merced-152 11.3 3214 1017000005	Near Los Banos, at Route 33 Interchange; also on Route 5 (PM 6.3) at Route 165 Interchange. Improve the truck turn radius.	0T680 2021-22	R/W: \$274 Con: \$2,216	PA&ED: \$495 PS&E: \$850 R/W Sup: \$64 Con Sup: \$630	Prior Prior Prior 21-22	PA&ED: 5/15/2020 R/W Cert: 11/15/2021 RTL: 12/1/2021 Begin Con: 6/15/2022
Carryover			Subtotal: \$2,490	\$2,039		
			Total Project Cost:	\$4,529		

Program 201.310 Operational Improvements
Project Output(s) 48.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Merced
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation			Milestones
					FY			
10-Merced-165 11.7 3447 1017000177	In Merced County, on Routes 165, 5, 33, and 140 at various locations. Widen shoulders to accommodate truck turning movements, rehabilitate pavement and drainage system, install Transportation Management System (TMS) elements, and replace signs.	0T69U 2023-24	R/W: \$940 Con: \$4,520	PA&ED: \$840 PS&E: \$920 R/W Sup: \$290 Con Sup: \$950	20-21 21-22 21-22 23-24		PA&ED: 10/1/2021 R/W Cert: 1/5/2024 RTL: 2/1/2024 Begin Con: 9/2/2024	
New			Subtotal: \$5,460	\$3,000				
			Total Project Cost:	\$8,460				

Program 201.310 Operational Improvements
Project Output(s) 144.6 Daily vehicle hour(s) of delay (DVHD)

ROADSIDE PRESERVATION

10-Merced-5 0.5/0.8 3215 1016000046	Near Los Banos and Firebaugh, at the John "Chuck" Erreca Safety Roadside Rest Area (SRRRA). Rehabilitate northbound and southbound SRRRA facilities.	1C790 2020-21	R/W: \$5 Con: \$23,913	PA&ED: \$925 PS&E: \$2,970 R/W Sup: \$10 Con Sup: \$3,150	Prior Prior Prior 20-21		PA&ED: 2/6/2019 R/W Cert: 10/31/2020 RTL: 11/20/2020 Begin Con: 5/1/2021
Carryover			Subtotal: \$23,918	\$7,055			
			Total Project Cost:	\$30,973			

Program 201.250 Safety Roadside Rest Area Restoration
Project Output(s) 2 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

Merced County

R/W:	\$4,987	PA&ED:	\$11,474
Const:	\$88,431	PS&E:	\$18,644
		R/W Sup:	\$2,944
		Con Sup:	\$18,366
Subtotal:	\$93,418		\$51,428
Total (Capital + Support):			\$144,846

V4.0 2020 SHOPP Project List
Modoc
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

02-Modoc-139	Near Canby, from 1.3 miles north of	0H570	R/W: \$71	PA&ED: \$890	Prior	PA&ED: 5/15/2021
R3.5/30.3	Howards Gulch Bridge to 0.1 mile	2021-22	Con: \$1,481	PS&E: \$360	20-21	R/W Cert: 5/22/2022
3589	south of Clear Lake Road, at various			R/W Sup: \$250	20-21	RTL: 6/1/2022
0215000052	locations. Improve drainage facilities			Con Sup: \$700	21-22	Begin Con: 9/20/2022
	by repairing or replacing culverts.					
			Subtotal: \$1,552	\$2,200		
Carryover			Total Project Cost:	\$3,752		

Program 201.151 Drainage System Restoration
Project Output(s) 7 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	244.2	613.1	857.3	Linear feet
Post Condition	908.5	0.0	0.0	908.5	Linear feet

Modoc County

R/W:	\$71	PA&ED:	\$890
Const:	\$1,481	PS&E:	\$360
		R/W Sup:	\$250
		Con Sup:	\$700
Subtotal:	\$1,552		\$2,200
Total (Capital + Support):			\$3,752

V4.0 2020 SHOPP Project List
Mono
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

09-Mono-395	Near Tom's place, from 2.4 miles south	36070	R/W: \$368	PA&ED: \$922	Prior	PA&ED: 8/23/2018
6.9/9.6	of Lower Rock Creek Road to 0.3 mile	2020-21	Con: \$13,740	PS&E: \$2,037	Prior	R/W Cert: 6/30/2020
0662	north of Lower Rock Creek Road.			R/W Sup: \$485	Prior	RTL: 8/1/2020
0914000003	Widen shoulders, flatten slopes, install			Con Sup: \$2,799	20-21	Begin Con: 11/9/2020
	ground in rumble strips, reconstruct		Subtotal: \$14,108	\$6,243		
Carryover	and install guardrail.		Total Project Cost:	\$20,351		

Program 201.015 Collision Severity Reduction
Project Output(s) 19 Collision(s) reduced

09-Mono-395	Near Lee Vining, from Route 167	36640	R/W: \$506	PA&ED: \$520	Prior	PA&ED: 5/1/2020
58.2/60.2	Junction to 0.2 mile north of Conway	2021-22	Con: \$5,490	PS&E: \$830	Prior	R/W Cert: 6/30/2022
2624	Ranch Road. Widen shoulders, install			R/W Sup: \$590	Prior	RTL: 6/30/2022
0916000006	shoulder rumble strip, correct			Con Sup: \$1,440	21-22	Begin Con: 1/5/2023
	compound curve, and improve chain		Subtotal: \$5,996	\$3,380		
Carryover	control area.		Total Project Cost:	\$9,376		

Program 201.015 Collision Severity Reduction
Project Output(s) 8 Collision(s) reduced

V4.0 2020 SHOPP Project List
Mono
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
09-Mono-395 91.6/93.4 2460 0917000011	Near Bridgeport, from Burcham Flat Road to 0.3 mile south of Route 395/108 Junction. Widen shoulders, install rumble strips, and correct cross slope at three curves.	36800 2022-23	R/W: \$1,855 Con: \$12,567	PA&ED: \$1,395 PS&E: \$1,764 R/W Sup: \$395 Con Sup: \$2,084	Prior 20-21 20-21 22-23	PA&ED: 6/1/2021 R/W Cert: 6/8/2023 RTL: 6/8/2023 Begin Con: 12/14/2023
<i>Carryover</i>			Subtotal: \$14,422	\$5,638		
			Total Project Cost:	\$20,060		

Program 201.015 Collision Severity Reduction
Project Output(s) 19 Collision(s) reduced

09-Mono-395 R2.2/R69.9 2616 0916000008	In Mono County, on Route 395 at various locations; also in Mono County, on Route 6 at approximately 7.0 miles north of Bishop (PM 7.0). Improve the chain control turnouts by widening and lengthening the pavement area, install lighting, improve signage, construct a median cross-over, and construct two new chain control turnouts.	36660 2020-21	R/W: \$5 Con: \$5,710	PA&ED: \$260 PS&E: \$300 R/W Sup: \$10 Con Sup: \$740	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 12/1/2020 RTL: 1/22/2021 Begin Con: 6/23/2021
<i>Carryover</i>			Subtotal: \$5,715	\$1,310		
			Total Project Cost:	\$7,025		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 13 Location(s)

V4.0 2020 SHOPP Project List
Mono
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

09-Mono-395	Near Lee Vining, from Route 120	37430	R/W: \$337	PA&ED: \$2,512	20-21	PA&ED: 3/1/2022
50.6/55.7	(West) to Cemetery Road. Upgrade	2023-24	Con: \$14,132	PS&E: \$2,304	21-22	R/W Cert: 6/17/2024
2645	facilities to Americans with Disabilities			R/W Sup: \$1,658	21-22	RTL: 6/17/2024
0918000015	Act (ADA) standards, rehabilitate			Con Sup: \$2,692	23-24	Begin Con: 12/24/2024
	drainage, replace signs and		Subtotal: \$14,469	\$9,166		
New	guardrail, and make bicycle		Total Project Cost:	\$23,635		
	improvements.					

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 26 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	26.0	26.0	Each
Post Condition	26.0	0.0	0.0	26.0	Each

ROADWAY PRESERVATION

09-Mono-395	Near Toms Place, from 0.5 mile north	37880	R/W: \$34	PA&ED: \$652	20-21	PA&ED: 1/14/2022
R9.8/R12.6	of Rock Creek road to 1.3 miles south	2023-24	Con: \$10,358	PS&E: \$705	21-22	R/W Cert: 5/18/2023
2669	of South Landing Road. Rehabilitate			R/W Sup: \$77	21-22	RTL: 10/27/2023
0919000002	pavement, replace signs, rehabilitate			Con Sup: \$1,717	23-24	Begin Con: 4/12/2024
	drainage systems, and upgrade		Subtotal: \$10,392	\$3,151		
New	guardrail and lighting.		Total Project Cost:	\$13,543		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 11.2 Lane mile(s)

Primary Asset

<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	11.2	0.0	11.2 Lane mile(s)
Post Condition	11.2	0.0	0.0	11.2 Lane mile(s)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
09-Mono-395 55.5/58.2 2673 091900001	Near Mono City, from south of Cemetery Road to Route 167 (east). Rehabilitate pavement, remove and replace dikes and signs, and upgrade guardrail.	37870 2022-23	R/W: Con: \$8,337	PA&ED: PS&E: R/W Sup: Con Sup: \$835	\$420 20-21 \$581 21-22 \$22 21-22 \$835 22-23	PA&ED: 7/1/2021 R/W Cert: 2/1/2022 RTL: 8/12/2022 Begin Con: 1/27/2023
New			Subtotal: \$8,337	\$1,858		
			Total Project Cost:	\$10,195		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 9.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	9.4	0.0	9.4	Lane mile(s)
Post Condition	9.4	0.0	0.0	9.4	Lane mile(s)

Mono County

R/W:	\$3,105	PA&ED:	\$6,681
Const:	\$70,334	PS&E:	\$8,521
		R/W Sup:	\$3,237
		Con Sup:	\$12,307
Subtotal:	\$73,439		\$30,746
Total (Capital + Support):			\$104,185

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

05-Monterey-1 27.5/27.7 2853 0518000105	Near Lucia, from 0.6 mile to 0.8 mile south of Big Creek Bridge. Construct tieback wall, restore roadway and drainage facilities, and install permanent erosion control measures.	1K010 2021-22	R/W: \$163 Con: \$6,925	PA&ED: \$1,049 PS&E: \$1,607 R/W Sup: \$359 Con Sup: \$2,092	Prior 20-21 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 2/1/2022 RTL: 5/1/2022 Begin Con: 12/1/2022
<i>Carryover</i>			Subtotal: \$7,088	\$5,107		
			Total Project Cost:	\$12,195		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

05-Monterey-1 45.4/45.6 2855 0518000118	Near Big Sur, at the Pfeiffer Canyon Bridge No. 44-0060. Environmental mitigation (planting, erosion control, utility relocation) for project EA 1J130.	1K080 2021-22	R/W: \$2,800 Con: \$550	PA&ED: PS&E: \$530 R/W Sup: \$600 Con Sup: \$510	Prior Prior 21-22	PA&ED: 4/2/2019 R/W Cert: 8/9/2021 RTL: 9/8/2021 Begin Con: 3/23/2022
<i>Carryover</i>			Subtotal: \$3,350	\$1,640		
			Total Project Cost:	\$4,990		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-1 55.7/55.9 2849 0518000114	Near Big Sur, south of Little Sur River Bridge. Construct earth retaining wall.	1K050 2021-22	R/W: \$44 Con: \$2,924	PA&ED: \$1,031 PS&E: \$1,655 R/W Sup: \$100 Con Sup: \$1,336	Prior 20-21 20-21 21-22	PA&ED: 9/25/2020 R/W Cert: 1/5/2022 RTL: 5/6/2022 Begin Con: 11/17/2022
			Subtotal: \$2,968	\$4,122		
Carryover			Total Project Cost:	\$7,090		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

05-Monterey-1 74.8/R102.0 2883 0519000033	In and near the cities of Monterey, Marina, and Salinas, on Routes 1, 68, and 156 at various locations. Construct rumble strips.	1K860 2020-21	R/W: Con: \$1,466	PA&ED: PS&E: \$553 R/W Sup: \$29 Con Sup: \$481	Prior Prior 20-21	PA&ED: 12/16/2019 R/W Cert: 4/20/2020 RTL: 11/19/2020 Begin Con: 6/8/2021
			Subtotal: \$1,466	\$1,063		
Carryover			Total Project Cost:	\$2,529		

Program 201.010 Safety Improvements
Project Output(s) 231 Collision(s) reduced

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-68 3.4/3.8 2742 0517000113	Near Pacific Grove, from Skyline Forest Drive to west of Route 1; also from Haul Road to west of Skyline Forest Drive (PM 2.7/3.2). Increase safety by improving roadway cross slope at curve, sight distance, widen shoulders, install rumble strip, tapered edge treatment and construct drainage improvements.	1J460 2021-22	R/W: \$199 Con: \$7,081	PA&ED: \$1,207 PS&E: \$2,053 R/W Sup: \$356 Con Sup: \$1,531	Prior 20-21 20-21 21-22	PA&ED: 12/4/2020 R/W Cert: 5/27/2022 RTL: 6/9/2022 Begin Con: 1/24/2023
<i>Carryover</i>			Subtotal: \$7,280	\$5,147		
			Total Project Cost:	\$12,427		

Program 201.010 Safety Improvements
Project Output(s) 182 Collision(s) reduced

05-Monterey-101 R41.5/49.8 2312Y 0516000125	In and near King City, from 0.1 mile south of Broadway Street to 0.1 mile north of Broadway Street and from Jolon Road to 0.2 mile north of Jolon Road. Landscape mitigation.	0T991 2021-22	R/W: Con: \$886	PA&ED: PS&E: \$344 R/W Sup: Con Sup: \$524	Prior 21-22	PA&ED: 1/29/2015 R/W Cert: 11/2/2021 RTL: 6/17/2022 Begin Con: 1/26/2023
<i>Carryover</i>			Subtotal: \$886	\$868		
			Total Project Cost:	\$1,754		

Program 201.015 Collision Severity Reduction
Project Output(s) 0 Collision(s) reduced

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-101 87.4/87.8 2635 0516000018	In and near Salinas, from 0.1 mile north of East Market Street to 0.1 mile south of Sherwood Drive. Lengthen the onramp to improve merging conflicts.	1H050 2021-22	R/W: \$5 Con: \$4,750	PA&ED: \$700 PS&E: \$1,900 R/W Sup: \$190 Con Sup: \$2,000	Prior Prior Prior 21-22	PA&ED: 10/2/2019 R/W Cert: 4/23/2021 RTL: 8/6/2021 Begin Con: 2/23/2022
<i>Carryover</i>			Subtotal: \$4,755	\$4,790		
			Total Project Cost:	\$9,545		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

MANDATES

05-Monterey-68 0.5/0.8 2647 0516000041	In Pacific Grove, from 17 Mile Drive to Congress Avenue. Construct Americans with Disabilities Act (ADA) compliant pathway along eastbound Route 68, upgrade curb ramps and sidewalk to meet ADA standards. Relocate streetlight pole and signs, remove and replant trees.	1H220 2021-22	R/W: \$54 Con: \$985	PA&ED: \$313 PS&E: \$790 R/W Sup: \$48 Con Sup: \$586	Prior Prior Prior 21-22	PA&ED: 5/31/2019 R/W Cert: 3/17/2021 RTL: 7/19/2021 Begin Con: 3/14/2022
<i>Carryover</i>			Subtotal: \$1,039	\$1,737		
			Total Project Cost:	\$2,776		

Program 201.361 Americans with Disabilities Act New Curb Ramps
Project Output(s) 8 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	8.0	8.0	Each
Post Condition	8.0	0.0	0.0	8.0	Each

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-218 R0.2/L0.9 2648 0516000042	In Seaside, from El Monte Road to Fremont Boulevard. Construct new sidewalks/upgrade pedestrian pathway and construct/upgrade curb ramps to meet current standards.	1H230 2021-22	R/W: \$417 Con: \$1,238	PA&ED: \$630 PS&E: \$1,269 R/W Sup: \$1,016 Con Sup: \$547	Prior Prior Prior 21-22	PA&ED: 6/12/2019 R/W Cert: 11/1/2021 RTL: 12/29/2021 Begin Con: 7/5/2022
Carryover			Subtotal: \$1,655	\$3,462		
			Total Project Cost:	\$5,117		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 13 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	13.0	13.0	Each
Post Condition	13.0	0.0	0.0	13.0	Each

BRIDGE PRESERVATION

05-Monterey-1 63.0 2654 0516000077	Near Carmel-By-The Sea, at Garrapata Creek No. 44-0018. Rehabilitate bridge to extend the service life and mitigate corrosion by applying Electrochemical Chloride Extraction (ECE) process and waterproofing to the structure.	1H460 2020-21	R/W: \$115 Con: \$9,593	PA&ED: \$700 PS&E: \$1,500 R/W Sup: \$90 Con Sup: \$2,160	Prior Prior Prior 20-21	PA&ED: 5/8/2019 R/W Cert: 9/16/2020 RTL: 1/28/2021 Begin Con: 7/29/2021
Carryover			Subtotal: \$9,708	\$4,450		
			Total Project Cost:	\$14,158		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	7,868.0	0.0	7,868.0	Square feet
Post Condition	7,868.0	0.0	0.0	7,868.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 44-0018	Fair	Good

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-101 62.1/63.2 9700 0513000017	Near Soledad, from Route 146 to Front Street at the North Soledad Overhead No. 44-0091R. Rehabilitate bridge.	0F970 2020-21	R/W: \$1,578 Con: \$11,500	PA&ED: \$34 PS&E: \$2,006 R/W Sup: \$58 Con Sup: \$1,535	Prior Prior Prior 20-21	PA&ED: 9/2/2014 R/W Cert: 7/1/2020 RTL: 11/2/2020 Begin Con: 5/27/2021
<i>Carryover</i>			Subtotal: \$13,078	\$3,633		
			Total Project Cost:	\$16,711		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10,592.0	0.0	10,592.0	Square feet
Post Condition	15,755.0	0.0	0.0	15,755.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 44-0091R	Fair	Good

Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-1 43.1 2656 0516000081	Near Big Sur, at the Castro Canon Bridge No. 44-0035. Upgrade bridge railing and approach railings to meet current standards.	1H490 2021-22	R/W: \$41 Con: \$1,672	PA&ED: \$608 PS&E: \$1,345 R/W Sup: \$141 Con Sup: \$794	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 9/1/2022
<i>Carryover</i>			Subtotal: \$1,713	\$2,888		
			Total Project Cost:	\$4,601		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 478.0 Linear feet
1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Rail)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	478.0	478.0	Linear feet rail
Post Condition	478.0	0.0	0.0	478.0	Linear feet rail

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 44-0035	Good	Good

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-1 63.0 2696 0516000163	Near Carmel-by-the-Sea, at the Garrapata Creek Bridge No. 44-0018. Replace bridge railing to meet current traffic safety standards.	1H800 2022-23	R/W: \$5 Con: \$3,000	PA&ED: \$1,600 PS&E: \$1,900 R/W Sup: \$130 Con Sup: \$1,300	Prior 20-21 20-21 22-23	PA&ED: 4/2/2021 R/W Cert: 10/21/2022 RTL: 2/14/2023 Begin Con: 9/8/2023
<i>Carryover</i>			Subtotal: \$3,005	\$4,930		
			Total Project Cost:	\$7,935		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 603.0 Linear feet
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	603.0	603.0	Linear feet rail
Post Condition	603.0	0.0	0.0	603.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 44-0018 Fair Fair

05-Monterey-156 R1.4/R2.0 0900A 0513000028	Near Castroville, from Route 183 to Castroville Boulevard. Upgrade bridge railing and widen overhead.	0A090 2020-21	R/W: \$293 Con: \$6,600	PA&ED: \$70 PS&E: \$1,800 R/W Sup: \$130 Con Sup: \$1,800	Prior Prior Prior 20-21	PA&ED: 9/2/2014 R/W Cert: 8/3/2020 RTL: 10/5/2020 Begin Con: 4/7/2021
<i>Carryover</i>			Subtotal: \$6,893	\$3,800		
			Total Project Cost:	\$10,693		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 400.0 Linear feet
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	400.0	400.0	Linear feet rail
Post Condition	400.0	0.0	0.0	400.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 44-0033L Good Good

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

05-Monterey-68 1.1/L4.3 2631 0516000011	In and near Pacific Grove, from Forest Avenue to Route 1 (PM L4.264). Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement and place Rubberized Hot Mix Asphalt (RHMA) pavement.	1H000 2020-21	R/W: \$70 Con: \$7,996	PA&ED: \$482 PS&E: \$1,638 R/W Sup: \$312 Con Sup: \$1,675	Prior Prior Prior 20-21	PA&ED: 3/11/2019 R/W Cert: 12/8/2020 RTL: 1/8/2021 Begin Con: 8/10/2021
<i>Carryover</i>			Subtotal: \$8,066	\$4,107		
			Total Project Cost:	\$12,173		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 6.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	6.5	0.0	6.5	Lane mile(s)
Post Condition	6.5	0.0	0.0	6.5	Lane mile(s)

05-Monterey-101 R41.9/49.8 2900 0518000208	Near King City, from Jolon Road to Lagomarsino Avenue. Rehabilitate pavement, drainage systems, and lighting, and install Transportation Management System (TMS) elements.	1K440 2023-24	R/W: \$61 * Con: \$27,691	PA&ED: \$1,151 PS&E: \$2,021 R/W Sup: \$224 * Con Sup: \$4,157	20-21 21-22 21-22 23-24	PA&ED: 6/30/2022 R/W Cert: 4/4/2024 RTL: 6/21/2024 Begin Con: 1/7/2025
<i>New</i>	(G13 Contingency)		Subtotal: \$27,752	\$7,553		
			Total Project Cost:	\$35,305		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 28.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.0	27.0	0.0	28.0	Lane mile(s)
Post Condition	28.0	0.0	0.0	28.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-101 R91.5/101.3 2679 0516000140	Near Salinas, from 0.3 mile north of Boronda Road to San Benito County line. Rehabilitate pavement, upgrade median barrier and guardrail, and repair drainage system.	1H690 2021-22	R/W: \$393 * Con: \$75,000	PA&ED: \$4,500 PS&E: \$6,300 R/W Sup: \$1,300 * Con Sup: \$12,600	Prior 21-22 21-22 21-22	PA&ED: 8/18/2021 R/W Cert: 5/9/2022 RTL: 6/9/2022 Begin Con: 1/4/2023
Carryover	(G13 Contingency)		Subtotal: \$75,393	\$24,700		
			Total Project Cost:	\$100,093		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 43.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	9.1	33.8	0.3	43.2	Lane mile(s)
Post Condition	43.2	0.0	0.0	43.2	Lane mile(s)

05-Monterey-183 R2.1/R8.3 2899 0518000207	Near Salinas and Castroville, from north of Davis Road to south of Del Monte Avenue. Rehabilitate pavement and lighting, replace sign panels, and install Transportation Management System (TMS) elements.	1K430 2022-23	R/W: \$13 Con: \$6,439	PA&ED: \$634 PS&E: \$1,430 R/W Sup: \$43 Con Sup: \$1,308	20-21 21-22 21-22 22-23	PA&ED: 9/12/2021 R/W Cert: 2/21/2023 RTL: 6/29/2023 Begin Con: 1/12/2024
New			Subtotal: \$6,452	\$3,415		
			Total Project Cost:	\$9,867		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 12.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.7	0.0	12.7	Lane mile(s)
Post Condition	12.7	0.0	0.0	12.7	Lane mile(s)

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-68 0.2/15.9 2787 0518000083	In and near the city of Monterey, from west of Sunset Drive to Toro Park Undercrossing. Rehabilitate drainage systems and lighting, and install Transportation Management System (TMS) elements.	1J880 2023-24	R/W: \$900 Con: \$7,600	PA&ED: \$1,900 PS&E: \$2,600 R/W Sup: \$2,300 Con Sup: \$2,500	20-21 21-22 21-22 23-24	PA&ED: 6/1/2022 R/W Cert: 4/2/2024 RTL: 5/1/2024 Begin Con: 11/14/2024
New			Subtotal: \$8,500	\$9,300		
			Total Project Cost:	\$17,800		

Program 201.151 Drainage System Restoration
Project Output(s) 34 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	799.0	2,085.0	2,884.0	Linear feet
Post Condition	2,884.0	0.0	0.0	2,884.0	Linear feet

MULTIPLE OBJECTIVE

05-Monterey-183 R8.4/9.8 2678 0516000118	In Castroville from Del Monte Avenue to Washington Street, a multi- objective Asset Management Pilot Project. Rehabilitate Pavement, repair bridge, construct storm drainage system improvements, construct Transportation Management System (TMS) elements, improve pedestrian, bicycle, and American with Disabilities Act (ADA) facilities.	1H650 2022-23	R/W: \$2,300 Con: \$20,300	PA&ED: \$2,600 PS&E: \$3,000 R/W Sup: \$6,600 Con Sup: \$3,200	Prior 20-21 20-21 22-23	PA&ED: 7/2/2020 R/W Cert: 6/27/2022 RTL: 5/1/2023 Begin Con: 12/13/2023
Carryover			Subtotal: \$22,600	\$15,400		
			Total Project Cost:	\$38,000		

Program 201.999 Multiple Objective
Project Output(s) 1 Location(s)

Monterey County

R/W:	\$9,451	PA&ED:	\$19,209
Const:	\$204,196	PS&E:	\$36,241
		R/W Sup:	\$14,026
		Con Sup:	\$42,636
Subtotal:	\$213,647		\$112,112
Total (Capital + Support):			\$325,759

V4.0 2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

04-Napa-12 2.1/2.6 2021F 0418000137	Near the city of Napa, from 1.2 miles to 0.7 mile west of the Solano County line. Repair storm damaged slopes at two locations with Rock Slope Protection (RSP) and restore ditches.	0Q690 2021-22	R/W: \$134 Con: \$1,245	PA&ED: \$308 PS&E: \$320 R/W Sup: \$150 Con Sup: \$400	Prior 20-21 21-22	PA&ED: 11/10/2020 R/W Cert: 5/5/2022 RTL: 6/10/2022 Begin Con: 3/9/2023
<i>Carryover</i>			Subtotal: \$1,379	\$1,178		
			Total Project Cost:	\$2,557		

Program 201.131 Permanent Restoration
Project Output(s) 2 Location(s)

COLLISION REDUCTION

04-Napa-121 0.5/1.0 1775H 0418000217	Near Napa, at Huichica Creek (PM 0.75). Mitigation planting, monitoring and reporting for EA 4G210.	4G21A 2021-22	R/W: Con: \$1,000	PA&ED: PS&E: R/W Sup: Con Sup: \$900	21-22	PA&ED: 4/9/2018 R/W Cert: 6/29/2022 RTL: 6/29/2022 Begin Con: 12/8/2023
<i>Carryover</i>			Subtotal: \$1,000	\$900		
			Total Project Cost:	\$1,900		

Program 201.010 Safety Improvements
Project Output(s) 0 Collision(s) reduced

V4.0 2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

04-Napa-29 33.1 1464K 0416000037	Near Calistoga, at 0.3 mile south of Bothe-Napa Valley State Park entrance at Ritchie Creek Bridge No. 21-0057. Replace bridge and provide financial contributions to improve fish passage barriers at the site for compliance unit credits towards Statewide National Pollutant Discharge Eliminating System (NPDES) permit mandate goals.	4J990 2021-22	R/W: \$590 Con: \$5,099	PA&ED: \$1,820 PS&E: \$1,300 R/W Sup: \$167 Con Sup: \$1,300	Prior 20-21 20-21 21-22	PA&ED: 12/31/2020 R/W Cert: 5/16/2022 RTL: 6/1/2022 Begin Con: 11/1/2022
<i>Carryover</i>			Subtotal: \$5,689	\$4,587		
			Total Project Cost:	\$10,276		

Program 201.335 Storm Water Mitigation
Project Output(s) 42.0 Acre(s) treated/pollutant

04-Napa-29 0.2/14.6 1496E 0416000040	In and near the cities of American Canyon and Napa, from Kimberly Drive to Salvador Avenue. Upgrade curb ramps and pedestrian push buttons, and install new sidewalk to make facilities compliant with Americans with Disabilities Act (ADA) requirements.	0K000 2020-21	R/W: \$80 Con: \$989	PA&ED: \$275 PS&E: \$276 R/W Sup: \$92 Con Sup: \$203	Prior Prior Prior 20-21	PA&ED: 7/1/2019 R/W Cert: 1/1/2021 RTL: 3/1/2021 Begin Con: 10/2/2021
<i>Carryover</i>			Subtotal: \$1,069	\$846		
			Total Project Cost:	\$1,915		

Program 201.361 Americans with Disabilities Act New Curb Ramps
Project Output(s) 19 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	19.0	19.0	Each
Post Condition	19.0	0.0	0.0	19.0	Each

V4.0 2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

04-Napa-121 6.4/6.5 1493C 0416000041	In the city of Napa, at Tulocay Creek Bridge No. 21-0003 (PM 6.423). Replace existing bridge with a single span precast concrete box girder bridge.	4J820 2023-24	R/W: \$6,282 Con: \$15,580	PA&ED: \$3,302 PS&E: \$3,248 R/W Sup: \$1,050 Con Sup: \$3,510	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 5/6/2024 RTL: 5/31/2024 Begin Con: 2/3/2025
<i>New</i>			Subtotal: \$21,862	\$11,110		
			Total Project Cost:	\$32,972		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,229.0	3,229.0	Square feet
Post Condition	7,675.0	0.0	0.0	7,675.0	Square feet

Bridge Health Existing Condition Post Condition

Bridge No. 21-0003	Poor	Good
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04-Napa-128 5.1 1451C 0416000038	Near Rutherford, at Hopper Slough Bridge No. 21-0019. Replace bridge.	4J830 2021-22	R/W: \$1,514 Con: \$7,864	PA&ED: \$2,074 PS&E: \$1,988 R/W Sup: \$206 Con Sup: \$2,014	Prior 20-21 Prior 21-22	PA&ED: 10/2/2020 R/W Cert: 4/1/2022 RTL: 5/1/2022 Begin Con: 1/10/2023
<i>Carryover</i>			Subtotal: \$9,378	\$6,282		
			Total Project Cost:	\$15,660		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	926.0	926.0	Square feet
Post Condition	2,762.0	0.0	0.0	2,762.0	Square feet

Bridge Health Existing Condition Post Condition

Bridge No. 21-0019	Poor	Good
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V4.0 2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Napa-128 20.1/20.4 0830C 0419000004	Near Napa, at Capell Creek Bridge No. 21-0078. Environmental mitigation and plant establishment for rehabilitate bridge project EA 4G840.	4G84A 2021-22	R/W: \$776 Con: \$500	PA&ED: PS&E: R/W Sup: \$10 Con Sup: \$250	21-22 21-22	PA&ED: 6/16/2016 R/W Cert: 7/15/2021 RTL: 8/15/2021 Begin Con: 3/15/2022
Carryover			Subtotal: \$1,276	\$260		
			Total Project Cost:	\$1,536		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

04-Napa-128 R7.4 0587K 0418000436	Near Rutherford, at Conn Creek Bridge No. 21-0021. Plant establishment mitigation for bridge replacement project EA 1G430.	1G43A 2020-21	R/W: \$30 Con: \$220	PA&ED: PS&E: \$30 R/W Sup: \$20 Con Sup: \$200	Prior Prior 20-21	PA&ED: 10/5/2015 R/W Cert: 4/2/2021 RTL: 5/7/2021 Begin Con: 2/4/2022
Carryover			Subtotal: \$250	\$250		
			Total Project Cost:	\$500		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 0 Bridge(s)

V4.0 2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Napa-29 14.1/19.0 1494E 0416000111	In and near the cities of Napa and Yountville, at Craig Creek Bridge No. 21-0048 (PM 14.11), Dry Creek Bridge No. 21-0014 (PM 16.48), Perfume Creek Bridge No. 21-0051 (PM 17.81), and California Drive Undercrossing No. 21-0047 (PM 19.04). Upgrade bridge rails and widen shoulders to make standard.	0K630 2021-22	R/W: \$295 Con: \$7,111	PA&ED: \$2,600 PS&E: \$1,200 R/W Sup: \$350 Con Sup: \$1,500	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 4/1/2022 RTL: 6/1/2022 Begin Con: 12/29/2022
Carryover			Subtotal: \$7,406 Total Project Cost:	\$5,650 \$13,056		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 682.0 Linear feet
4 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	682.0	682.0	Linear feet rail
Post Condition	682.0	0.0	0.0	682.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 21-0014	Good	Good
Bridge No. 21-0047	Fair	Fair
Bridge No. 21-0048	Good	Good
Bridge No. 21-0051	Good	Good

04-Napa-29 28.4/29.3 1462K 0416000375	In St. Helena, at Sulphur Creek Bridge No. 21-0016 and York Creek Bridge No. 21-0017. Upgrade bridge rails.	2K150 2022-23	R/W: \$748 Con: \$4,188	PA&ED: \$1,040 PS&E: \$800 R/W Sup: \$500 Con Sup: \$800	Prior 20-21 20-21 22-23	PA&ED: 3/1/2021 R/W Cert: 4/1/2023 RTL: 4/3/2023 Begin Con: 10/1/2023
Carryover			Subtotal: \$4,936 Total Project Cost:	\$3,140 \$8,076		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 328.0 Linear feet
2 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	203.0	203.0	Linear feet rail
Post Condition	203.0	0.0	0.0	203.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 21-0016	Good	Good
Bridge No. 21-0017	Good	Good

V4.0 2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Napa-29 38.9/42.9 1483E 0418000401	Near Calistoga, at Garnett Creek Bridge No. 21-0005 (PM 39.08), Garnet Creek Branch Bridge No. 21-0111 (PM 38.96), and No Name Creek Bridge No. 21-0100 (PM 42.83). Bridge preventative maintenance and scour mitigation.	2J88U 2020-21	R/W: \$2,166 Con: \$5,266	PA&ED: \$1,320 PS&E: \$1,810 R/W Sup: \$566 Con Sup: \$1,950	Prior Prior Prior 20-21	PA&ED: 2/1/2019 R/W Cert: 11/1/2020 RTL: 12/15/2020 Begin Con: 6/15/2021
Carryover			Subtotal: \$7,432	\$5,646		
			Total Project Cost:	\$13,078		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 3 Bridge(s)

<u>Primary Asset (Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	1,055.0	2,717.0	3,772.0	Square feet
Post Condition	3,772.0	0.0	0.0	3,772.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 21-005	Poor	Poor
Bridge No. 21-0100	Poor	Good
Bridge No. 21-0111	Fair	Fair

ROADWAY PRESERVATION

04-Napa-29 R7.3/13.5 2027P 0419000030	In the city of Napa, from north of Napa River Bridge to south of Sierra Avenue. Rehabilitate roadway, upgrade guardrail and Transportation Management System (TMS) elements, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2Q610 2023-24	R/W: \$107 Con: \$23,299	PA&ED: \$2,454 PS&E: \$2,343 R/W Sup: \$170 Con Sup: \$2,488	20-21 22-23 22-23 23-24	PA&ED: 1/3/2022 R/W Cert: 4/1/2024 RTL: 4/29/2024 Begin Con: 3/3/2025
New			Subtotal: \$23,406	\$7,455		
			Total Project Cost:	\$30,861		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 25.3 Lane mile(s)

<u>Primary Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	20.1	5.2	25.3	Lane mile(s)
Post Condition	25.3	0.0	0.0	25.3	Lane mile(s)

V4.0 2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Napa-29 29.3/36.9 1490D 0415000320	In and near St. Helena and Calistoga, from York Creek Bridge to Route 128. Pavement rehabilitation.	4J300 2020-21	R/W: \$20 Con: \$9,647	PA&ED: \$900 PS&E: \$1,100 R/W Sup: \$44 Con Sup: \$1,100	Prior Prior Prior 20-21	PA&ED: 7/10/2020 R/W Cert: 2/19/2021 RTL: 5/7/2021 Begin Con: 4/1/2022
			Subtotal: \$9,667	\$3,144		
Carryover			Total Project Cost:	\$12,811		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 15.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10.8	4.4	15.2	Lane mile(s)
Post Condition	15.2	0.0	0.0	15.2	Lane mile(s)

04-Napa-121 R4.5/10.7 2025N 0418000310	In and near the city of Napa, from Route 29 to north of Vichy Avenue. Rehabilitate pavement, upgrade signs and guardrail, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1Q620 2023-24	R/W: \$1,220 Con: \$20,942	PA&ED: \$1,140 PS&E: \$2,010 R/W Sup: \$3,170 Con Sup: \$3,970	20-21 21-22 21-22 23-24	PA&ED: 2/1/2022 R/W Cert: 7/3/2023 RTL: 8/4/2023 Begin Con: 2/1/2024
New			Subtotal: \$22,162	\$10,290		
			Total Project Cost:	\$32,452		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	13.9	0.7	14.6	Lane mile(s)
Post Condition	14.6	0.0	0.0	14.6	Lane mile(s)

V4.0 2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Napa-29 1.7/5.1 1453K 0415000343	In American Canyon, at Rio Del Mar; also near American Canyon at 0.3 mile south of North Kelly Road (PM 5.1). Rehabilitate culverts.	4J410 2021-22	R/W: \$294 Con: \$3,336	PA&ED: \$1,086 PS&E: \$786 R/W Sup: \$350 Con Sup: \$706	Prior 20-21 20-21 21-22	PA&ED: 11/4/2019 R/W Cert: 7/1/2021 RTL: 8/2/2021 Begin Con: 1/11/2022
Carryover			Subtotal: \$3,630	\$2,928		
			Total Project Cost:	\$6,558		

Program 201.151 Drainage System Restoration
Project Output(s) 2 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	290.0	0.0	290.0	Linear feet
Post Condition	290.0	0.0	0.0	290.0	Linear feet

MOBILITY

04-Napa-121 7.2/7.4 1483B 0414000097	In the city of Napa, at the intersection with Third Street/East Avenue/Coombsville Road. Construct intersection improvements.	0J890 2023-24	R/W: \$340 Con: \$1,960	PA&ED: \$420 PS&E: \$510 R/W Sup: \$150 Con Sup: \$520	20-21 22-23 22-23 23-24	PA&ED: 8/1/2022 R/W Cert: 5/6/2024 RTL: 5/31/2024 Begin Con: 2/3/2025
New			Subtotal: \$2,300	\$1,600		
			Total Project Cost:	\$3,900		

Program 201.310 Operational Improvements
Project Output(s) 400.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

04-Napa-29	In and near Yountville, from Oak Knoll	0P730	R/W:	PA&ED:	\$659	20-21	PA&ED:	4/4/2022
15.6/22.8	Avenue to Oakville Cross Road.	2022-23	Con: \$3,605	PS&E:	\$408	21-22	R/W Cert:	8/1/2022
1464H	Advance mitigation credit purchases for planned SHOPP projects to minimize impacts on biological resources. Financial Contribution Only (FCO) to the Napa Flood Control District.			R/W Sup:	\$10	21-22	RTL:	9/5/2022
0417000512				Con Sup:			Begin Con:	6/5/2023
			Subtotal:	\$3,605		\$1,077		
New			Total Project Cost:			\$4,682		

Program 201.240 Roadside Enhancement
Project Output(s) 1 Location(s)

Napa County

R/W:	\$14,596	PA&ED:	\$19,398
Const:	\$111,851	PS&E:	\$18,129
		R/W Sup:	\$7,005
		Con Sup:	\$21,811
Subtotal:		\$126,447	\$66,343
Total (Capital + Support):			\$192,790

**V4.0 2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

03-Nevada-20 29.7/30.9 3994 0315000116	Near Nevada City, from 0.1 mile east of White Cloud Campground to 0.9 mile west of Washington Road. Curve improvement, shoulder widening and improve clear recovery zone.	0H240 2020-21	R/W: \$613 Con: \$8,237	PA&ED: \$1,096 PS&E: \$976 R/W Sup: \$291 Con Sup: \$1,286	Prior Prior Prior 20-21	PA&ED: 5/1/2020 R/W Cert: 5/21/2021 RTL: 6/7/2021 Begin Con: 10/18/2021
<i>Carryover</i>			Subtotal: \$8,850	\$3,649		
			Total Project Cost:	\$12,499		

Program 201.010 Safety Improvements
Project Output(s) 46 Collision(s) reduced

03-Nevada-20 37.1/39.8 4000 0317000165	Near Emigrant Gap, from 0.3 mile west of Excelsior Point Road to 1.3 mile west of Zeibright Road. Curve improvement and widen shoulders.	2H620 2020-21	R/W: \$1,380 Con: \$27,480	PA&ED: \$3,920 PS&E: \$2,810 R/W Sup: \$410 Con Sup: \$3,480	Prior Prior Prior 20-21	PA&ED: 5/1/2020 R/W Cert: 5/21/2021 RTL: 6/7/2021 Begin Con: 10/18/2021
<i>Carryover</i>			Subtotal: \$28,860	\$10,620		
			Total Project Cost:	\$39,480		

Program 201.010 Safety Improvements
Project Output(s) 52 Collision(s) reduced

**V4.0 2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Nevada-80 R10.0/31.7 4297 0317000008	In and near Truckee, at various locations from 1.0 mile east of Donner Lake Undercrossing to the Sierra County line. Replace guardrail with concrete barrier at twenty-one locations to reduce maintenance repairs.	1H840 2020-21	R/W: \$30 Con: \$3,200	PA&ED: \$120 PS&E: \$180 R/W Sup: \$30 Con Sup: \$360	Prior Prior Prior 20-21	PA&ED: 9/28/2019 R/W Cert: 10/1/2020 RTL: 10/2/2020 Begin Con: 4/15/2021
<i>Carryover</i>			Subtotal: \$3,230	\$690		
			Total Project Cost:	\$3,920		

Program 201.015 Collision Severity Reduction
Project Output(s) 5 Collision(s) reduced

MANDATES

03-Nevada-174 9.7/10.1 4450 0313000047	In Grass Valley, from Park Street to Route 20. Upgrade pedestrian infrastructure to meet Americans with Disabilities Act (ADA) requirements.	3F680 2020-21	R/W: \$150 Con: \$1,660	PA&ED: \$180 PS&E: \$330 R/W Sup: \$86 Con Sup: \$360	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 12/1/2020 RTL: 1/2/2021 Begin Con: 9/1/2021
<i>Carryover</i>			Subtotal: \$1,810	\$956		
			Total Project Cost:	\$2,766		

Program 201.361 Americans with Disabilities Act New Curb Ramps
Project Output(s) 86 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	86.0	86.0	Each
Post Condition	86.0	0.0	0.0	86.0	Each

**V4.0 2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

03-Nevada-80	Near Whitmore, from west of Crystal	3H560	R/W: \$520	PA&ED: \$3,620	20-21	PA&ED: 12/1/2021
R58.7/R60.2	Lake Road to east of Route 20	2022-23	Con: \$84,500	PS&E: \$4,210	21-22	R/W Cert: 2/15/2023
4305	Separation at Yuba Pass Separation			R/W Sup: \$430	21-22	RTL: 3/1/2023
0318000014	and Overhead No. 17-0023L/R (PM			Con Sup: \$8,500	22-23	Begin Con: 8/1/2023
	R58.7L/R/PM R60.2); also in Placer		Subtotal: \$85,020	\$16,760		
New	County, from PM R58.5L/R to PM		Total Project Cost:	\$101,780		
	R58.6L/R. Replace and widen bridge,					
	construct retaining walls in the					
	median, rehabilitate drainage					
	systems, and install Roadway					
	Weather Information Systems (RWIS).					

SB1 Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0		48,717.0	48,717.0	Square feet
Post Condition	48,717.0	0.0	0.0	48,717.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 17-0023L	Poor	Good
Bridge No. 17-0023R	Fair	Good

ROADWAY PRESERVATION

03-Nevada-20	In and near Grass Valley and Nevada	4H070	R/W: \$250	PA&ED: \$1,030	20-21	PA&ED: 8/16/2021
R12.2/20.0	City, from Route 20/49 Separation to	2023-24	Con: \$19,100	PS&E: \$1,570	21-22	R/W Cert: 10/3/2023
4002	east of Stonehill Road/Dow Road.			R/W Sup: \$340	21-22	RTL: 10/5/2023
0318000158	Rehabilitate pavement, replace sign			Con Sup: \$1,700	23-24	Begin Con: 3/15/2024
	panels, upgrade Transportation		Subtotal: \$19,350	\$4,640		
New	Management System (TMS) elements,		Total Project Cost:	\$23,990		
	rehabilitate drainage systems, and					
	upgrade facilities to Americans with					
	Disabilities Act (ADA) standards.					

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 22.9 Lane mile(s)

Primary Asset

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	22.9	0.0	22.9	Lane mile(s)
Post Condition	22.9	0.0	0.0	22.9	Lane mile(s)

**V4.0 2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Nevada-80 0.0/R2.7 5111 0317000043	Near Kingvale, from Placer County line to east of Donner Pass Road (PM 0.0/R2.7L/R); also in Placer county, from west of Troy Road Undercrossing to Nevada County line (PM 68.5/69.7). Rehabilitate roadway, construct truck climbing lane in eastbound direction, widen Kingvale Undercrossing No. 19-0107R, replace sign panels, upgrade lighting and Transportation Management System (TMS) elements, and rehabilitate drainage systems.	1H990 2022-23	R/W: \$990 Con: \$69,100	PA&ED: \$3,000 PS&E: \$3,000 R/W Sup: \$500 Con Sup: \$9,000	20-21 21-22 21-22 22-23	PA&ED: 2/5/2022 R/W Cert: 4/20/2023 RTL: 5/5/2023 Begin Con: 9/20/2023
New			Subtotal: \$70,090 Total Project Cost:	\$15,500 \$85,590		

SBI Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 15.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	5.9	9.4	0.2	15.5	Lane mile(s)
Post Condition	15.5	0.0	0.0	15.5	Lane mile(s)

03-Nevada-80 13.0/15.5 4294 0316000064	In Truckee, from west of Donner Pass Road Overcrossing to Bridge Street Undercrossing (PM 13.04/15.5). Rehabilitate roadway, construct auxiliary lane, upgrade Transportation Management System (TMS) elements, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1H180 2022-23	R/W: \$355 Con: \$15,600	PA&ED: \$1,120 PS&E: \$1,600 R/W Sup: \$120 Con Sup: \$2,000	20-21 21-22 21-22 22-23	PA&ED: 12/1/2021 R/W Cert: 3/15/2023 RTL: 5/1/2023 Begin Con: 8/23/2023
New			Subtotal: \$15,955 Total Project Cost:	\$4,840 \$20,795		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 11.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.8	10.1	0.0	11.9	Lane mile(s)
Post Condition	11.9	0.0	0.0	11.9	Lane mile(s)

**V4.0 2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Nevada-49 0.0/7.5 4124 0315000112	Near Higgins Corner, from the Placer County line to 0.3 mile north of Lime Kiln Road; also in Placer County, at PM R8.42 and PM R10.23. Rehabilitate drainage systems.	0H210 2020-21	R/W: \$200 Con: \$2,640	PA&ED: \$513 PS&E: \$743 R/W Sup: \$547 Con Sup: \$510	Prior Prior Prior 20-21	PA&ED: 8/18/2019 R/W Cert: 9/15/2020 RTL: 10/1/2020 Begin Con: 4/15/2021
Carryover			Subtotal: \$2,840	\$2,313		
			Total Project Cost:	\$5,153		

Program 201.151 Drainage System Restoration
Project Output(s) 40 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	114.7	950.4	1,979.0	3,044.1	Linear feet
Post Condition	3,044.1	0.0	0.0	3,044.1	Linear feet

MOBILITY

03-Nevada-20 25.1/25.2 3997 0316000006	Near Nevada City and Emigrant Gap, at west of Pine Needle Way (PM 25.15), and at west of Last Chance Mine Road (PM 37.05); also in Placer County, on Route 193 near Newcastle, at various locations from PM 6.7 to 8.5. Operational improvements to upgrade or construct roadway turnouts at five locations.	0H690 2020-21	R/W: \$110 Con: \$1,280	PA&ED: \$170 PS&E: \$280 R/W Sup: \$120 Con Sup: \$460	Prior Prior Prior 20-21	PA&ED: 7/19/2019 R/W Cert: 12/14/2020 RTL: 1/4/2021 Begin Con: 6/1/2021
Carryover			Subtotal: \$1,390	\$1,030		
			Total Project Cost:	\$2,420		

Program 201.310 Operational Improvements
Project Output(s) 20.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Nevada
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Nevada-20 28.0/32.4 3996 0316000004	Near Nevada City and Junction House, from east of Conservation Road (Washington Ridge Road) to east of Washington Road.	0H660 2020-21	R/W: \$90 Con: \$1,900	PA&ED: \$340 PS&E: \$470 R/W Sup: \$60 Con Sup: \$530	Prior Prior Prior 20-21	PA&ED: 5/15/2020 R/W Cert: 2/1/2021 RTL: 3/1/2021 Begin Con: 8/2/2021
Carryover	Operational improvements to widen for left-turn pockets and roadway turnouts.		Subtotal: \$1,990	\$1,400		
			Total Project Cost:	\$3,390		

Program 201.310 Operational Improvements
Project Output(s) 20.0 Daily vehicle hour(s) of delay (DVHD)

03-Nevada-20 36.8/37.0 3999 0317000005	Near Bear Valley and Emigrant Gap, from 2.0 miles east of Chalk Bluff Road to 0.2 mile west of Excelsior Point Road. Operational improvement to make existing roadway turnout standard width with shoulders.	1H810 2020-21	R/W: \$20 Con: \$1,900	PA&ED: \$340 PS&E: \$530 R/W Sup: \$140 Con Sup: \$410	Prior Prior Prior 20-21	PA&ED: 5/1/2020 R/W Cert: 5/21/2021 RTL: 6/7/2021 Begin Con: 10/18/2021
Carryover			Subtotal: \$1,920	\$1,420		
			Total Project Cost:	\$3,340		

Program 201.310 Operational Improvements
Project Output(s) 10.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Nevada
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PROTECTIVE BETTERMENTS

03-Nevada-80 28.3/28.7 4293 0316000046	Near Truckee and Floriston, from 0.2 mile east of Truckee River Bridge to 0.8 mile west of Farad Road. Construct measures to address cut-slope erosion and rockfall.	1H010 2020-21	R/W: \$90 Con: \$11,400	PA&ED: \$570 PS&E: \$1,150 R/W Sup: \$160 Con Sup: \$1,020	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 9/15/2020 RTL: 10/9/2020 Begin Con: 3/7/2021
<i>Carryover</i>			Subtotal: \$11,490	\$2,900		
			Total Project Cost:	\$14,390		

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

03-Nevada-80 29.5/29.7 4298 0317000044	Near Truckee and Floriston, from Farad Road to 2.17 mile west of Sierra County line. Mitigate rockfall and stabilize cut-slope erosion with draped mesh and a drainage ditch.	2H000 2020-21	R/W: \$90 Con: \$3,400	PA&ED: \$440 PS&E: \$750 R/W Sup: \$280 Con Sup: \$610	Prior Prior Prior 20-21	PA&ED: 4/17/2019 R/W Cert: 10/1/2020 RTL: 10/9/2020 Begin Con: 2/3/2021
<i>Carryover</i>			Subtotal: \$3,490	\$2,080		
			Total Project Cost:	\$5,570		

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Nevada
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Nevada-80 31.3/31.8 4299 0317000172	Near Truckee and Floriston, from 1.9 miles east of Farad Road to the Sierra County line. Construct mitigation measures to reduce rockfall onto the roadway.	2H690 2021-22	R/W: \$30 Con: \$6,200	PA&ED: \$410 PS&E: \$890 R/W Sup: \$120 Con Sup: \$1,080	Prior Prior Prior 21-22	PA&ED: 11/1/2019 R/W Cert: 10/1/2021 RTL: 10/8/2021 Begin Con: 5/1/2022
Carryover			Subtotal: \$6,230	\$2,500		
			Total Project Cost:	\$8,730		

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

Nevada County

R/W:	\$4,918	PA&ED:	\$16,869
Const:	\$257,597	PS&E:	\$19,489
		R/W Sup:	\$3,634
		Con Sup:	\$31,306
Subtotal:	\$262,515		\$71,298
Total (Capital + Support):			\$333,813

V4.0 2020 SHOPP Project List
 Orange
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

12-Orange-1 20.4/23.7 2403B 1217000114	In Newport Beach and Huntington Beach, at the intersection with Superior Avenue/Balboa Boulevard (PM 20.37) and at the intersection with Beach Boulevard (Route 39) (PM 23.74). Improve safety by modifying the traffic signals, adding safety lighting, refreshing pavement striping, and upgrading pedestrian facilities to Americans with Disabilities Act (ADA) standards.	0Q830 2021-22	R/W: \$26 Con: \$955	PA&ED: \$300 PS&E: \$850 R/W Sup: Con Sup: \$450	Prior Prior 21-22	PA&ED: 11/1/2019 R/W Cert: 7/1/2021 RTL: 8/2/2021 Begin Con: 12/13/2021
<i>Carryover</i>			Subtotal: \$981	\$1,600		
			Total Project Cost:	\$2,581		

Program 201.010 Safety Improvements
Project Output(s) 68 Collision(s) reduced

12-Orange-5 R29.2 2823 1218000098	In Tustin, at Red Hill Avenue. Improve safety by modifying traffic signal and upgrading safety lighting.	0R470 2021-22	R/W: \$9 Con: \$765	PA&ED: \$346 PS&E: \$605 R/W Sup: Con Sup: \$478	Prior 20-21 21-22	PA&ED: 11/2/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 10/3/2022
<i>Carryover</i>			Subtotal: \$774	\$1,429		
			Total Project Cost:	\$2,203		

Program 201.010 Safety Improvements
Project Output(s) 16 Collision(s) reduced

V4.0 2020 SHOPP Project List
Orange
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-5 30.3/31.4 2834A 1217000112	In Tustin and Santa Ana, from Route 55 to south of Grand Avenue. Cold plane existing asphalt concrete, overlay with Open Graded Friction Course (OGFC), and apply High Friction Surface Treatment (HFST).	0Q820 2021-22	R/W: Con: \$7,396	PA&ED: \$918 PS&E: \$1,311 R/W Sup: Con Sup: \$1,660	Prior Prior 21-22	PA&ED: 12/20/2019 R/W Cert: 9/1/2021 RTL: 10/5/2021 Begin Con: 2/25/2022
Carryover			Subtotal: \$7,396	\$3,889		
			Total Project Cost:	\$11,285		

Program 201.010 Safety Improvements
Project Output(s) 161 Collision(s) reduced

12-Orange-5 36.1 2860U 1218000102	In Anaheim, on the southbound onramp from Katella Avenue. Improve drainage, install High Friction Surface Treatment (HFST), and upgrade curb ramps to Americans with Disabilities Act (ADA) standards.	0R510 2021-22	R/W: \$20 Con: \$2,551	PA&ED: \$438 PS&E: \$1,086 R/W Sup: \$23 Con Sup: \$701	Prior 20-21 20-21 21-22	PA&ED: 8/14/2020 R/W Cert: 12/1/2021 RTL: 1/15/2022 Begin Con: 9/15/2022
Carryover			Subtotal: \$2,571	\$2,248		
			Total Project Cost:	\$4,819		

Program 201.010 Safety Improvements
Project Output(s) 35 Collision(s) reduced

V4.0 2020 SHOPP Project List
Orange
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-22 R1.2 2873B 1217000082	In Garden Grove, on the westbound offramp to Valley View Street. Modify existing traffic signals, add safety lighting, refresh pavement striping, and bring Americans with Disabilities Act (ADA) facilities to current standards.	0Q650 2020-21	R/W: \$5 Con: \$672	PA&ED: \$320 PS&E: \$380 R/W Sup: Con Sup: \$458	Prior Prior 20-21	PA&ED: 9/23/2019 R/W Cert: 12/9/2020 RTL: 1/29/2021 Begin Con: 8/16/2021
Carryover			Subtotal: \$677	\$1,158		
			Total Project Cost:	\$1,835		

Program 201.010 Safety Improvements
Project Output(s) 28 Collision(s) reduced

12-Orange-22 R10.7/R12.7 2970A 1216000129	In the cities of Orange and Santa Ana, from 0.2 mile east of Route 5 to 0.2 mile west of Tustin Avenue. Replace median barrier, add safety lighting and improve drainage.	0Q320 2021-22	R/W: \$5 Con: \$6,500	PA&ED: \$814 PS&E: \$1,396 R/W Sup: \$2 Con Sup: \$2,437	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 10/1/2021 RTL: 12/1/2021 Begin Con: 9/1/2022
Carryover			Subtotal: \$6,500	\$4,649		
			Total Project Cost:	\$11,149		

Program 201.010 Safety Improvements
Project Output(s) 120 Collision(s) reduced

V4.0 2020 SHOPP Project List
Orange
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-39 9.7 3182 1217000080 Carryover	In Stanton, at the intersection of Chapman Avenue. Modify signals, add safety lighting, add crosswalk striping, and bring Americans with Disabilities Act (ADA) facilities to current standards.	0Q640 2020-21	R/W: \$63 Con: \$890	PA&ED: \$345 PS&E: \$475 R/W Sup: \$76 Con Sup: \$385	Prior Prior Prior 20-21	PA&ED: 5/23/2019 R/W Cert: 10/1/2020 RTL: 11/1/2020 Begin Con: 6/30/2021
			Subtotal: \$953	\$1,281		
			Total Project Cost:	\$2,234		

Program 201.010 Safety Improvements
Project Output(s) 31 Collision(s) reduced

12-Orange-55 0.6 3407A 1218000101 Carryover	In Newport Beach at Hospital Road. Modify signals, add safety lighting and guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0R500 2021-22	R/W: \$4 Con: \$916	PA&ED: \$300 PS&E: \$635 R/W Sup: Con Sup: \$600	Prior 20-21 21-22	PA&ED: 8/15/2020 R/W Cert: 4/1/2022 RTL: 4/15/2022 Begin Con: 9/1/2022
			Subtotal: \$920	\$1,535		
			Total Project Cost:	\$2,455		

Program 201.010 Safety Improvements
Project Output(s) 14 Collision(s) reduced

V4.0 2020 SHOPP Project List
 Orange
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-55 13.8/13.9 3542A 1218000049	In the city of Orange, on the northbound onramp from Chapman Avenue and on the southbound offramp to Chapman Avenue.	0R150 2021-22	R/W: Con: \$2,140	PA&ED: \$300 PS&E: \$800 R/W Sup: Con Sup: \$600	Prior 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 12/1/2021 RTL: 1/15/2022 Begin Con: 6/1/2022
Carryover	Improve safety by modifying existing traffic signals for improved visibility, adding safety lighting, refreshing pavement markings, and upgrading curb ramps to Americans with Disabilities Act (ADA) standards.		Subtotal: \$2,140	\$1,700		
			Total Project Cost:	\$3,840		
			Program	201.010 Safety Improvements		
			Project Output(s)	34 Collision(s) reduced		

12-Orange-57 15.6 3792B 1217000104	In Anaheim, on the northbound Route 57 loop connector to westbound Route 91. Apply High Friction Surface Treatment (HFST) and enhanced visibility delineation.	0Q790 2020-21	R/W: Con: \$554	PA&ED: \$400 PS&E: \$400 R/W Sup: Con Sup: \$354	Prior 20-21	PA&ED: 10/1/2018 R/W Cert: 7/1/2020 RTL: 8/1/2020 Begin Con: 3/1/2021
Carryover			Subtotal: \$554	\$754		
			Total Project Cost:	\$1,308		
			Program	201.010 Safety Improvements		
			Project Output(s)	9 Collision(s) reduced		

V4.0 2020 SHOPP Project List
Orange
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-90 1.0/3.5 4325 1218000063	In La Habra and Brea, at Idaho Street, Walnut Street, and Puente Street. Modify and install new traffic signals and add safety lighting.	0R180 2021-22	R/W: \$39 Con: \$2,361	PA&ED: \$639 PS&E: \$915 R/W Sup: Con Sup: \$957	Prior 20-21 21-22	PA&ED: 11/2/2020 R/W Cert: 1/10/2022 RTL: 3/1/2022 Begin Con: 11/1/2022
<i>Carryover</i>			Subtotal: \$2,400	\$2,511		
			Total Project Cost:	\$4,911		

Program 201.010 Safety Improvements
Project Output(s) 63 Collision(s) reduced

12-Orange-91 R1.8/R3.4 4532A 1216000124	In Buena Park, in eastbound direction from Knott Avenue to Route 5. Enhance lane assignment and motorist safety by installing additional guide sign structures, upgrading sign panels and guardrail, refreshing and extending striping, and reconstructing concrete median barrier.	0Q310 2020-21	R/W: \$5 Con: \$3,140	PA&ED: \$640 PS&E: \$908 R/W Sup: \$10 Con Sup: \$810	Prior Prior Prior 20-21	PA&ED: 10/1/2019 R/W Cert: 7/1/2020 RTL: 7/31/2020 Begin Con: 12/30/2020
<i>Carryover</i>			Subtotal: \$3,145	\$2,368		
			Total Project Cost:	\$5,513		

Program 201.010 Safety Improvements
Project Output(s) 253 Collision(s) reduced

V4.0 2020 SHOPP Project List
 Orange
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY		Milestones
12-Orange-1 R0.1/R0.9 2209A 1218000013	In Dana Point, from Route 5 (PM R0.129) to north of Doheny Park Road. Improve worker safety by installing Maintenance Vehicle Pullouts (MVPs) and relocating roadside facilities away from traffic, and construct stormwater Best Management Practices (BMPs).	0Q990 2022-23	R/W: Con: \$6,100	PA&ED: \$430 PS&E: \$720 R/W Sup: Con Sup: \$750	20-21 21-22 22-23		PA&ED: 8/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 1/2/2024
New			Subtotal: \$6,100	\$1,900			
			Total Project Cost:	\$8,000			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 24 Location(s)

12-Orange-5 34.5/36.8 2860N 1216000046	In and near Anaheim, from Santa Ana Bridge No. 55-0811 to 0.6 mile south of Harbor Boulevard Overcrossing. Enhance highway worker safety by access trails and access gates, relocating facilities away from traffic, and installing features to reduce repetitive maintenance activities.	0P900 2020-21	R/W: Con: \$2,000	PA&ED: \$270 PS&E: \$400 R/W Sup: Con Sup: \$330	Prior Prior 20-21		PA&ED: 8/6/2019 R/W Cert: 9/1/2020 RTL: 10/1/2020 Begin Con: 8/1/2021
Carryover			Subtotal: \$2,000	\$1,000			
			Total Project Cost:	\$3,000			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 40 Location(s)

V4.0 2020 SHOPP Project List
 Orange
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY		Milestones
12-Orange-5 36.8/38.5 2861E 121600047	In Anaheim, from north of Anaheim Boulevard to Santa Ana Street. Enhance highway worker safety by access trails and access gates, relocating facilities away from traffic, and installing features to reduce repetitive maintenance activities.	0P910 2020-21	R/W: Con: \$2,000	PA&ED: \$200 PS&E: \$400 R/W Sup: Con Sup: \$400	\$200 \$400 \$400	Prior Prior 20-21	PA&ED: 12/1/2019 R/W Cert: 12/1/2020 RTL: 2/1/2021 Begin Con: 11/1/2021
Carryover			Subtotal: \$2,000	\$1,000			
			Total Project Cost:	\$3,000			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 40 Location(s)

12-Orange-5 38.5/41.6 2861Z 121600044	In Anaheim, from Santa Ana Street Overcrossing (OC) to 0.3 mile south of Magnolia Avenue OC. Enhance highway worker safety by paving miscellaneous areas, install access gates and relocate irrigation facilities away from the edge of the road.	0P920 2021-22	R/W: Con: \$2,000	PA&ED: \$200 PS&E: \$400 R/W Sup: Con Sup: \$400	\$200 \$400 \$400	Prior 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 10/1/2022
Carryover			Subtotal: \$2,000	\$1,000			
			Total Project Cost:	\$3,000			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 40 Location(s)

V4.0 2020 SHOPP Project List
 Orange
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-5 41.9/43.1 2862H 1216000045	In Fullerton and Buena Park, from Magnolia Avenue to Stanton Avenue; also on Route 91, from Stanton Avenue to Brookhurst Street (PM R2.8/1.2). Enhance highway worker safety by access trails and access gates, relocating facilities away from traffic, and installing features to reduce repetitive maintenance activities.	0P930 2021-22	R/W: Con: \$2,000	PA&ED: \$200 PS&E: \$400 R/W Sup: Con Sup: \$400	Prior 20-21 21-22	PA&ED: 12/1/2020 R/W Cert: 2/1/2022 RTL: 3/1/2022 Begin Con: 4/1/2023
Carryover			Subtotal: \$2,000 Total Project Cost:	\$1,000 \$3,000		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 80 Location(s)

MANDATES

12-Orange-1 12.2/13.3 2322B 1215000158	In Newport Beach, from 815 feet south of Reef Point Drive to 1,850 feet north of Crystal Heights Drive. Restore bioswales.	0P660 2020-21	R/W: Con: \$1,827	PA&ED: \$271 PS&E: \$628 R/W Sup: Con Sup: \$501	Prior Prior 20-21	PA&ED: 7/1/2019 R/W Cert: 5/1/2020 RTL: 8/1/2020 Begin Con: 6/1/2021
Carryover			Subtotal: \$1,827 Total Project Cost:	\$1,400 \$3,227		
						Program 201.335 Storm Water Mitigation Project Output(s) 9.0 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
 Orange
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-57 20.8/R22.6 3846B 1216000117	In and near Brea, from south of Lambert Road to Los Angeles County line (PM R22.551). Construct storm water treatment Best Management Practices (BMPs) in the form of new detention basin to reduce Trash Total Maximum Daily Load (TMDL) to the San Gabriel-Coyote Creek watershed.	0Q270 2021-22	R/W: Con: \$6,797	PA&ED: \$887 PS&E: \$1,200 R/W Sup: Con Sup: \$1,500	Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 2/1/2022 RTL: 3/1/2022 Begin Con: 10/1/2022
Carryover			Subtotal: \$6,797	\$3,587		
			Total Project Cost:	\$10,384		

Program 201.335 Storm Water Mitigation
Project Output(s) 14.9 Acre(s) treated/pollutant

12-Orange-1 5.5/7.9 2255 1216000003	In Laguna Beach, from 7th Avenue to north of Moss Street. Upgrade existing curb ramps, sidewalks, and driveways to Americans with Disabilities Act (ADA) standards.	0P690 2020-21	R/W: \$3,121 Con: \$1,909	PA&ED: \$3,399 PS&E: \$3,399 R/W Sup: \$2,864 Con Sup: \$3,551	Prior Prior 20-21	PA&ED: 3/20/2019 R/W Cert: 3/1/2021 RTL: 4/19/2021 Begin Con: 1/1/2022
Carryover			Subtotal: \$5,030	\$9,814		
			Total Project Cost:	\$14,844		

Program 201.361 Americans with Disabilities Act New Curb Ramps
Project Output(s) 57 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	56.0	56.0	Each
Post Condition	57.0	0.0	0.0	57.0	Each

V4.0 2020 SHOPP Project List
Orange
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

12-Orange-73	In Laguna Hills, Laguna Niguel, Aliso Viejo, Laguna Beach, Irvine, Newport Beach, and Costa Mesa from Moulton Parkway to Bristol Street.	0R340	R/W: \$5	PA&ED: \$494	Prior	PA&ED: 4/2/2020
12.9/R26.8 4080		2021-22	Con: \$3,094	PS&E: \$1,294	Prior	R/W Cert: 7/2/2021
1218000079				R/W Sup:		RTL: 8/2/2021
				Con Sup: \$1,007	21-22	Begin Con: 6/1/2022
			Subtotal: \$3,099	\$2,795		
<i>Carryover</i>	Rehabilitate bridge decks, bridge joints and approach slabs to preserve service life on ten bridges.		Total Project Cost:	\$5,894		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 10 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	48,912.0	186,895.0	7,180.0	242,987.0	Square feet
Post Condition	242,986.0	0.0	0.0	242,986.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 55-0517F	Poor	Good
Bridge No. 55-0539R	Fair	Fair
Bridge No. 55-0541R	Fair	Fair
Bridge No. 55-0544G	Good	Good
Bridge No. 55-0637S	Fair	Fair
Bridge No. 55-0745L	Fair	Good
Bridge No. 55-0750R	Good	Good
Bridge No. 55-0754L	Good	Good
Bridge No. 55-0754R	Fair	Good
Bridge No. 55-0757	Fair	Good

V4.0 2020 SHOPP Project List
Orange
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-241 14.5/25.7 3102A 1218000011	In Rancho Santa Margarita, Mission Viejo, Lake Forest, and Irvine, from Oso Parkway (PM 14.545) to 0.7 mile north of Portola Parkway. Rehabilitate Trabuco Creek Bridge No. 55-0700R/L, upgrade Transportation Management System (TMS) elements, upgrade safety devices, and improve highway worker safety.	0Q980 2022-23	R/W: Con: \$13,592	PA&ED: \$1,641 PS&E: \$2,654 R/W Sup: Con Sup: \$2,280	20-21 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 10/3/2022 RTL: 11/1/2022 Begin Con: 7/5/2023
<i>New</i>			Subtotal: \$13,592	\$6,575		
			Total Project Cost:	\$20,167		
			Program	201.110 Bridge Major Rehabilitation		
			Project Output(s)	2 Bridge(s)		

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	156,696.0	120,375.0	277,071.0	Square feet
Post Condition	277,071.0	0.0	0.0	277,071.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 55-0700L	Poor	Good
Bridge No. 55-0700R	Fair	Fair

12-Orange-Var 3450A 1217000003	In Costa Mesa, at the Route 55/73 Connector Overcrossing (OC) Bridge No. 55-538F (PM 4.74), Route 91 Carmenita Road Pedestrian OC Bridge No. 55-0473 (PM 0.02) and Route 405 Laguna Canyon Road OC Bridge No. 55-0247 (PM 2.20). Seismic restoration.	0Q390 2020-21	R/W: Con: \$15,456	PA&ED: \$1,048 PS&E: \$2,279 R/W Sup: \$11 Con Sup: \$5,381	Prior Prior Prior 20-21	PA&ED: 4/15/2020 R/W Cert: 3/15/2021 RTL: 5/28/2021 Begin Con: 12/30/2021
<i>Carryover</i>			Subtotal: \$15,456	\$8,719		
			Total Project Cost:	\$24,175		
			Program	201.113 Bridge Seismic Restoration		
			Project Output(s)	3 Bridge(s)		

Primary Asset

(Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	112,472.0	112,472.0	Square feet
Post Condition	112,472.0	0.0	0.0	112,472.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 55-0247	Good	Good
Bridge No. 55-0473	Fair	Fair
Bridge No. 55-0538F	Fair	Fair

V4.0 2020 SHOPP Project List
Orange
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-Var 1204 1217000128	In Orange County, on Routes 5, 133, and 241 at various locations. Rehabilitate 25 bridges.	0Q930 2021-22	R/W: \$58 Con: \$14,549	PA&ED: \$1,215 PS&E: \$2,500 R/W Sup: \$155 Con Sup: \$3,720	Prior Prior Prior 21-22	PA&ED: 3/2/2020 R/W Cert: 8/1/2021 RTL: 10/1/2021 Begin Con: 5/2/2022
Carryover			Subtotal: \$14,607	\$7,590		
			Total Project Cost:	\$22,197		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 25 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	108,500.0	831,360.0	0.0	939,860.0	Square feet
Post Condition	722,634.0	217,226.0	0.0	939,860.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 55-0002	Fair	Fair
Bridge No. 55-0151	Fair	Fair
Bridge No. 55-0191	Fair	Good
Bridge No. 55-0221	Fair	Good
Bridge No. 55-0224	Fair	Good
Bridge No. 55-0228	Good	Good
Bridge No. 55-0463	Fair	Fair
Bridge No. 55-0509	Fair	Good
Bridge No. 55-0591	Fair	Good
Bridge No. 55-0629	Fair	Good
Bridge No. 55-0631	Fair	Good
Bridge No. 55-0645G	Fair	Good
Bridge No. 55-0655	Fair	Good
Bridge No. 55-0703L	Fair	Good
Bridge No. 55-0703R	Fair	Good
Bridge No. 55-0738S	Fair	Fair
Bridge No. 55-0739K	Fair	Good
Bridge No. 55-0740S	Fair	Good
Bridge No. 55-0771F	Fair	Fair
Bridge No. 55-0772L	Fair	Fair
Bridge No. 55-0772R	Fair	Fair
Bridge No. 55-0773L	Fair	Good
Bridge No. 55-0773R	Fair	Good
Bridge No. 55-0774L	Fair	Good
Bridge No. 55-0774R	Fair	Good

V4.0 2020 SHOPP Project List
Orange
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

12-Orange-Var 3959 1218000117 Carryover	In the cities of Santa Ana, Tustin, Irvine, Newport Beach, Costa Mesa, and Anaheim on various routes. Rehabilitate pavement by repairing broken concrete slabs and replacing asphalt concrete with Rubberized Hot Mix Asphalt (RHMA-G) at 17 connectors, one ramp and one overcrossing. (G13 Contingency)	0R560 2021-22	R/W: * Con: \$26,500	PA&ED: \$3,000 PS&E: \$5,400 R/W Sup: * Con Sup: \$5,500	Prior 20-21 21-22	PA&ED: 8/1/2020 R/W Cert: 1/28/2022 RTL: 3/1/2022 Begin Con: 9/2/2022
			Subtotal: \$26,500	\$13,900		
			Total Project Cost:	\$40,400		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	19.4 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	19.4	0.0	19.4	Lane mile(s)
Post Condition	19.4	0.0	0.0	19.4	Lane mile(s)

12-Orange-1 5.5/7.9 2246A 1218000057 Carryover	In Laguna Beach, from 7th Street to Moss Street. Remove and replace pavement and with Rubberized Hot Mix Asphalt (RHMA).	0H151 2020-21	R/W: Con: \$3,206	PA&ED: PS&E: R/W Sup: Con Sup: \$779	20-21	PA&ED: R/W Cert: 3/1/2021 RTL: 3/2/2021 Begin Con: 1/1/2022
			Subtotal: \$3,206	\$779		
			Total Project Cost:	\$3,985		
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	9.5 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	9.5	0.0	9.5	Lane mile(s)
Post Condition	9.5	0.0	0.0	9.5	Lane mile(s)

V4.0 2020 SHOPP Project List
Orange
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-1 17.4/21.5 2374 1218000090	In Newport Beach, from Jamboree Road to Santa Ana River Bridge. Pavement rehabilitation.	0R410 2021-22	R/W: \$132 Con: \$10,605	PA&ED: \$1,980 PS&E: \$2,660 R/W Sup: \$1,520 Con Sup: \$2,438	Prior Prior Prior 21-22	PA&ED: 10/1/2019 R/W Cert: 11/30/2021 RTL: 11/30/2021 Begin Con: 5/26/2022
				Subtotal: \$10,737	\$8,598	
<i>Carryover</i>				Total Project Cost:	\$19,335	

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.5	18.3	0.0	18.8	Lane mile(s)
Post Condition	18.8	0.0	0.0	18.8	Lane mile(s)

12-Orange-1 29.9/33.7 2499A 1215000149	In Huntington Beach, from Warner Avenue to Los Angeles County line. Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement, and place Rubberized Hot Mix Asphalt (RHMA) pavement.	0P590 2020-21	R/W: \$503 Con: \$11,804	PA&ED: \$1,720 PS&E: \$2,932 R/W Sup: \$1,245 Con Sup: \$2,358	Prior Prior Prior 20-21	PA&ED: 2/1/2019 R/W Cert: 5/15/2021 RTL: 5/30/2021 Begin Con: 1/30/2022
				Subtotal: \$12,307	\$8,255	
<i>Carryover</i>				Total Project Cost:	\$20,562	

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	14.9	0.0	14.9	Lane mile(s)
Post Condition	14.9	0.0	0.0	14.9	Lane mile(s)

V4.0 2020 SHOPP Project List
Orange
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-5 0.0/1.6 2530N 1218000065	In San Clemente, from the San Diego County line to El Camino Real. Pavement rehabilitation and upgrade safety devices.	0R200 2021-22	R/W: * Con: \$23,809	PA&ED: \$2,569 PS&E: \$3,824 R/W Sup: * Con Sup: \$3,849	Prior Prior 21-22	PA&ED: 10/15/2019 R/W Cert: 6/1/2021 RTL: 7/1/2021 Begin Con: 4/1/2022
Carryover	(G13 Contingency)		Subtotal: \$23,809	\$10,242		
			Total Project Cost:	\$34,051		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 13.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	5.1	8.3	0.0	13.4	Lane mile(s)
Post Condition	13.4	0.0	0.0	13.4	Lane mile(s)

12-Orange-55 0.2/R17.8 3402B 1218000078	In Newport Beach, Costa Mesa, Santa Ana, Tustin, Orange, and Anaheim, from Route 1 to Route 91. Rehabilitate pavement, rehabilitate drainage, upgrade lighting, rehabilitate bridge rail, rehabilitate landscaping, upgrade Transportation Management System (TMS) elements, and improve highway worker safety.	0R320 2023-24	R/W: \$61 * Con: \$74,500	PA&ED: \$5,000 PS&E: \$7,500 R/W Sup: * Con Sup: \$8,000	20-21 21-22 23-24	PA&ED: 10/1/2021 R/W Cert: 3/1/2024 RTL: 6/7/2024 Begin Con: 12/4/2024
New	(G13 Contingency)		Subtotal: \$74,561	\$20,500		
			Total Project Cost:	\$95,061		

* Construction Capital and * Construction Support phases are NOT authorized
 SB1 Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 66.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	66.0	0.0	66.0	Lane mile(s)
Post Condition	66.0	0.0	0.0	66.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Orange
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-91 R0.0/R18.9 4506F 1218000080	In and near Buena Park, Fullerton, and Anaheim, from the Los Angeles County line to the Riverside County line (PM R18.905). Rehabilitate pavement, upgrade Transportation Management System (TMS), rehabilitate drainage, improve lighting, improve highway worker safety, and replace overhead sign panels and sign structures. (G13 Contingency)	0R310 2023-24	R/W: \$230 * Con: \$108,312	PA&ED: \$6,582 PS&E: \$13,178 R/W Sup: \$662 * Con Sup: \$13,120	20-21 21-22 21-22 23-24	PA&ED: 4/29/2022 R/W Cert: 2/29/2024 RTL: 3/29/2024 Begin Con: 11/29/2024
New			Subtotal: \$108,542	\$33,542		
			Total Project Cost:	\$142,084		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	90.8 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	90.5	0.3	90.8	Lane mile(s)
Post Condition	90.8	0.0	0.0	90.8	Lane mile(s)

12-Orange-241 24.5/39.0 5502 1212000053	In and near the cities of Anaheim, Irvine, and Orange, from Portola Parkway to Route 91. Pavement rehabilitation.	0H047 2020-21	R/W: Con: \$16,827	PA&ED: PS&E: \$3,205 R/W Sup: Con Sup: \$3,668	Prior 20-21	PA&ED: 9/14/2018 R/W Cert: 2/15/2021 RTL: 3/1/2021 Begin Con: 11/30/2021
Carryover			Subtotal: \$16,827	\$6,873		
			Total Project Cost:	\$23,700		
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	18.3 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	18.3	18.3	Lane mile(s)
Post Condition	18.3	0.0	0.0	18.3	Lane mile(s)

V4.0 2020 SHOPP Project List
Orange
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-405 0.2/11.4 5040D 121800010	In and near Irvine and Costa Mesa, from Route 5 to Harbor Boulevard. Rehabilitate pavement, replace bridge approach and departure slabs, upgrade bridge railings, improve highway worker safety, upgrade safety devices, and upgrade Transportation Management System (TMS) elements.	0Q970 2022-23	R/W: \$250 * Con: \$152,000	PA&ED: \$9,100 PS&E: \$16,000 R/W Sup: \$1,000 * Con Sup: \$19,000	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 6/14/2023 RTL: 6/21/2023 Begin Con: 1/5/2024
New	(G13 Contingency)		Subtotal: \$152,250	\$45,100		
			Total Project Cost:	\$197,350		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	91.0 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	90.9	0.1	91.0	Lane mile(s)
Post Condition	91.0	0.0	0.0	91.0	Lane mile(s)

12-Orange-405 16.9/24.2 5094C 1218000120	In Huntington Beach, Westminster, Garden Grove, and Seal Beach, from south of McFadden Avenue to the Los Angeles County line. Rehabilitate pavement, improve highway worker safety, rehabilitate landscaping, and install a Weigh-in-Motion (WIM) system.	0R570 2023-24	R/W: * Con: \$49,367	PA&ED: \$3,146 PS&E: \$5,016 R/W Sup: \$21 * Con Sup: \$6,450	20-21 21-22 23-24 23-24	PA&ED: 2/1/2022 R/W Cert: 1/1/2024 RTL: 6/3/2024 Begin Con: 3/3/2025
New	(G13 Contingency)		Subtotal: \$49,367	\$14,633		
			Total Project Cost:	\$64,000		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	79.8 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	79.0	0.8	79.8	Lane mile(s)
Post Condition	79.8	0.0	0.0	79.8	Lane mile(s)

V4.0 2020 SHOPP Project List
Orange
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

12-Orange-133	In Irvine, from southbound 5/SB 133	0N890	R/W: \$253	PA&ED: \$1,503	Prior	PA&ED: 4/3/2020
8.5/M9.3	Connector to southbound 133/NB 405	2021-22	Con: \$14,926	PS&E: \$3,224	Prior	R/W Cert: 9/30/2021
4846	Connector. Construct a new auxiliary			R/W Sup: \$652	Prior	RTL: 10/29/2021
1214000130	lane to improve traffic flow.			Con Sup: \$4,544	21-22	Begin Con: 3/31/2022
			Subtotal: \$15,179	\$9,923		
<i>Carryover</i>			Total Project Cost:	\$25,102		

Program 201.310 Operational Improvements
Project Output(s) 271.0 Daily vehicle hour(s) of delay (DVHD)

12-Orange-1	In the cities of Newport Beach,	0P680	R/W: \$745	PA&ED: \$1,891	Prior	PA&ED: 2/1/2019
13.0/33.6	Huntington Beach and Seal Beach,	2020-21	Con: \$12,925	PS&E: \$4,299	Prior	R/W Cert: 5/15/2021
2330	from Crystal Heights Drive to First			R/W Sup: \$1,244	Prior	RTL: 5/30/2021
1216000002	Street. Replace traffic signals,			Con Sup: \$3,537	20-21	Begin Con: 1/30/2022
			Subtotal: \$13,670	\$10,971		
<i>Carryover</i>			Total Project Cost:	\$24,641		

Program 201.315 Transportation Management Systems
Project Output(s) 19 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	19	Field element(s)
Post Condition	100.0%		0.0%	19	Field element(s)

Orange County

R/W: \$5,529	PA&ED: \$48,707
Const: \$604,945	PS&E: \$93,273
	R/W Sup: \$9,485
	Con Sup: \$103,353
Subtotal: \$610,474	\$254,818
Total (Capital + Support):	\$865,292

V4.0 2020 SHOPP Project List
Placer
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

03-Placer-49	Near Auburn, from 0.3 mile south of	4H600	R/W: \$2,000	PA&ED: \$1,500	Prior	PA&ED: 1/15/2021
R8.7/R10.6 4787	Lorenson Road/Florence Lane to 0.3	2021-22	Con: \$18,500	PS&E: \$940	20-21	R/W Cert: 4/15/2022
	mile north of Lone Star Road.			R/W Sup: \$900	20-21	RTL: 5/1/2022
0319000004	Construct concrete median barrier			Con Sup: \$2,500	21-22	Begin Con: 9/5/2022
	and two roundabouts.					
			Subtotal: \$20,500	\$5,840		
<i>Carryover</i>			Total Project Cost:	\$26,340		

Program 201.010 Safety Improvements
Project Output(s) 13 Collision(s) reduced

03-Placer-80	In and near various cities, at various	0H720	R/W:	PA&ED: \$40	Prior	PA&ED: 2/19/2019
1.6/R66.5 5026	locations, from 0.3 mile west of	2020-21	Con: \$2,600	PS&E: \$440	Prior	R/W Cert: 7/15/2020
0316000008	Douglas Boulevard to 0.2 mile east of			R/W Sup: \$120	Prior	RTL: 8/15/2020
	Hampshire Rocks Undercrossing.			Con Sup: \$550	20-21	Begin Con: 3/1/2021
	Upgrade guardrail to current		Subtotal: \$2,600	\$1,150		
<i>Carryover</i>	standards.		Total Project Cost:	\$3,750		

Program 201.015 Collision Severity Reduction
Project Output(s) 4 Collision(s) reduced

V4.0 2020 SHOPP Project List
Placer
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

03-Placer-28 0.1/11.0 4681 0319000184	Near Tahoe City and Kings Beach, from Route 89 to Nevada State line (PM 0.085/11.0). Rehabilitate pavement, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0J010 2022-23	R/W: \$950 Con: \$18,100	PA&ED: \$1,160 PS&E: \$1,420 R/W Sup: \$740 Con Sup: \$1,780	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 9/21/2022 RTL: 10/6/2022 Begin Con: 2/9/2023
			Subtotal: \$19,050	\$5,100		
New			Total Project Cost:	\$24,150		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 23.1 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	20.2	2.9	23.1	Lane mile(s)
Post Condition	23.1	0.0	0.0	23.1	Lane mile(s)

03-Placer-80 R26.5/28.8 5131 0318000017	Near Applegate, from east of Crother Road Overcrossing to east of Weimar Overhead; also near Magra from PM 39.5 to PM 41.3; also near Emigrant Gap from PM 53.0 to PM 54.7. Rehabilitate roadway, construct truck climbing lanes in eastbound direction, widen shoulders, replace or widen structures, upgrade median barrier and Transportation Management System (TMS) elements.	3H590 2022-23	R/W: \$1,000 * Con: \$93,500	PA&ED: \$4,000 PS&E: \$5,000 R/W Sup: \$500 * Con Sup: \$9,500	20-21 21-22 21-22 22-23	PA&ED: 4/15/2022 R/W Cert: 4/15/2023 RTL: 5/1/2023 Begin Con: 10/15/2023
			Subtotal: \$94,500	\$19,000		
New			Total Project Cost:	\$113,500		

* Construction Capital and * Construction Support phases are NOT
authorized
SBI Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 11.9 Lane mile(s)

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10.5	1.4	11.9	Lane mile(s)
Post Condition	11.9	0.0	0.0	11.9	Lane mile(s)

V4.0 2020 SHOPP Project List
Placer
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Placer-80 42.7/49.3 5133 0318000019	Near Gold Run, from west of Monte Vista Overcrossing to east of Drum Forebay Overcrossing (PM 42.7/49.3R). Rehabilitate roadway, construct truck climbing lane, replace or widen structures, upgrade median concrete barrier, sign panels, and Transportation Management System (TMS) elements, and rehabilitate drainage systems.	3H610 2022-23	R/W: \$1,430 Con: \$62,700	PA&ED: \$3,000 PS&E: \$3,000 R/W Sup: \$230 Con Sup: \$6,500	20-21 21-22 21-22 22-23	PA&ED: 2/5/2022 R/W Cert: 4/20/2023 RTL: 5/5/2023 Begin Con: 9/20/2023
New			Subtotal: \$64,130 Total Project Cost:	\$12,730 \$76,860		
			SBI Baseline Agreement Required			
			Program 201.122 Roadway Rehabilitation (2R)			
			Project Output(s) 13.2 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	3.5	9.6	0.1	13.2	Lane mile(s)
Post Condition	13.2	0.0	0.0	13.2	Lane mile(s)

03-Placer-80 38.3/41.5 5114 0316000049	Near Magra, from Secret Town Overcrossing to the Gold Run Safety Roadside Rest Area (SRRA). Rehabilitate drainage systems.	1H030 2020-21	R/W: \$220 Con: \$3,069	PA&ED: \$429 PS&E: \$667 R/W Sup: \$195 Con Sup: \$806	Prior Prior Prior 20-21	PA&ED: 8/1/2019 R/W Cert: 11/24/2020 RTL: 12/10/2020 Begin Con: 4/10/2021
Carryover			Subtotal: \$3,289 Total Project Cost:	\$2,097 \$5,386		
			Program 201.151 Drainage System Restoration			
			Project Output(s) 32 Culvert(s) (ea)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	794.5	1,214.5	1,979.4	3,988.4	Linear feet
Post Condition	3,988.4	0.0	0.0	3,988.4	Linear feet

V4.0 2020 SHOPP Project List
Placer
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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FACILITIES

03-Placer-89	Near Tahoe City, at the Tahoe City	4H980	R/W: \$40	PA&ED: \$690	20-21	PA&ED: 10/1/2021
8.9	Maintenance Station. Demolish	2022-23	Con: \$3,600	PS&E: \$710	21-22	R/W Cert: 10/31/2022
5290	existing employee housing and			R/W Sup: \$90	21-22	RTL: 11/15/2022
0319000129	construct new dormitory building.			Con Sup: \$560	22-23	Begin Con: 2/9/2023
			Subtotal: \$3,640	\$2,050		
			Total Project Cost:	\$5,690		

New

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,416.0	1,416.0	Square feet
Post Condition	4,000.0	0.0	0.0	4,000.0	Square feet

Placer County

R/W:	\$5,640	PA&ED:	\$10,819
Const:	\$202,069	PS&E:	\$12,177
		R/W Sup:	\$2,775
		Con Sup:	\$22,196
Subtotal:	\$207,709		\$47,967
Total (Capital + Support):			\$255,676

V4.0 2020 SHOPP Project List
Plumas
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

02-Plumas-70 0.0/29.9 3723 0218000119 <i>Carryover</i>	Near Pulga, from the Butte County line to 3.1 miles west of Route 89 at various locations. Repair Rock Slope Protection (RSP) and stabilize roadway embankment.	4H440 2020-21	R/W: \$347 Con: \$15,870	PA&ED: \$1,030 PS&E: \$1,110 R/W Sup: \$70 Con Sup: \$1,110	Prior Prior Prior 20-21	PA&ED: 3/4/2020 R/W Cert: 2/4/2021 RTL: 3/1/2021 Begin Con: 7/29/2021
			Subtotal: \$16,217	\$3,320		
			Total Project Cost:	\$19,537		

Program 201.131 Permanent Restoration
Project Output(s) 10 Location(s)

COLLISION REDUCTION

02-Plumas-70 36.8/R62.5 3639 0216000043 <i>Carryover</i>	Near Quincy, at various locations from 0.2 mile west of Butterfly Valley Road to 0.1 mile west of Two Rivers Road; also on Route 89 near Greenville, from 0.9 mile to 1.4 miles north of Wolf Creek Road (PM 25.1/25.3). Upgrade rock fall fence to reduce maintenance and highway worker exposure.	1H790 2020-21	R/W: \$40 Con: \$1,760	PA&ED: \$350 PS&E: \$450 R/W Sup: \$20 Con Sup: \$450	Prior Prior Prior 20-21	PA&ED: 11/4/2019 R/W Cert: 12/21/2020 RTL: 1/21/2021 Begin Con: 6/15/2021
			Subtotal: \$1,800	\$1,270		
			Total Project Cost:	\$3,070		

Program 201.235 Maintenance Access
Project Output(s) 10 Location(s)

V4.0 2020 SHOPP Project List
Plumas
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

02-Plumas-70 58.4/R78.4 3619 0216000024	In and near Cromberg and Portola, from 0.2 mile east of Gill Ranch Road to 0.2 mile west of Big Grizzly Creek Bridge. Rehabilitate roadway, repair or replace culverts, upgrade guardrail, upgrade bridge railing at Humbug Creek Bridge No. 09-0022, and make pedestrian facilities American with Disabilities Act (ADA) compliant. (G13 Contingency)	1H580 2021-22	R/W: \$514 * Con: \$88,050	PA&ED: \$3,490 PS&E: \$2,620 R/W Sup: \$1,120 * Con Sup: \$6,810	Prior 20-21 20-21 21-22	PA&ED: 10/30/2020 R/W Cert: 1/31/2022 RTL: 3/28/2022 Begin Con: 9/27/2022
<i>Carryover</i>			Subtotal: \$88,564	\$14,040		
			Total Project Cost:	\$102,604		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.120 Roadway Rehabilitation (3R)		
			Project Output(s)	45.7 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	45.7	0.0	45.7	Lane mile(s)
Post Condition	45.7	0.0	0.0	45.7	Lane mile(s)

02-Plumas-89 30.2/R42.2 3700 0218000010	Near Canyon Dam, from 0.6 mile north of Route 147 to Route 36 (PM 30.2/R42.185). Rehabilitate roadway, upgrade guardrail and signs, and rehabilitate drainage systems. (G13 Contingency)	3H690 2023-24	R/W: \$752 * Con: \$34,600	PA&ED: \$1,510 PS&E: \$1,830 R/W Sup: \$100 * Con Sup: \$1,890	20-21 21-22 21-22 23-24	PA&ED: 2/15/2022 R/W Cert: 3/23/2024 RTL: 4/24/2024 Begin Con: 9/11/2024
<i>New</i>			Subtotal: \$35,352	\$5,330		
			Total Project Cost:	\$40,682		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.120 Roadway Rehabilitation (3R)		
			Project Output(s)	26.0 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	22.0	4.0	26.0	Lane mile(s)
Post Condition	26.0	0.0	0.0	26.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Plumas
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Plumas-36 9.2/18.4 3722 0218000073	Near Chester, from Melissa Avenue to Lassen County line; also in Lassen County from Plumas County line to 2.4 miles east of Road A21/Mooney Road (PM 0.0/6.1). Rehabilitate pavement, upgrade signs and Transportation Management System (TMS) elements, and rehabilitate drainage systems.	4H060 2023-24	R/W: \$483 Con: \$25,370	PA&ED: \$1,960 PS&E: \$2,160 R/W Sup: \$590 Con Sup: \$2,590	20-21 22-23 22-23 23-24	PA&ED: 9/17/2022 R/W Cert: 3/17/2024 RTL: 5/12/2024 Begin Con: 9/7/2024
New			Subtotal: \$25,853 Total Project Cost:	\$7,300 \$33,153		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 31.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	28.1	3.4	31.5	Lane mile(s)
Post Condition	31.5	0.0	0.0	31.5	Lane mile(s)

02-Plumas-70 R78.3/90.3 3713 0218000068	Near Portola, from west of Grizzly Road/Rocky Point Road to 0.9 mile west of Summit School Drive. Rehabilitate pavement, add intersection lighting, upgrade signs and guardrail, and rehabilitate drainage systems.	4H010 2022-23	R/W: \$161 Con: \$15,740	PA&ED: \$780 PS&E: \$820 R/W Sup: \$260 Con Sup: \$2,080	20-21 21-22 21-22 22-23	PA&ED: 11/13/2021 R/W Cert: 2/6/2023 RTL: 3/7/2023 Begin Con: 8/3/2023
New			Subtotal: \$15,901 Total Project Cost:	\$3,940 \$19,841		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 23.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	23.5	0.0	23.5	Lane mile(s)
Post Condition	23.5	0.0	0.0	23.5	Lane mile(s)

V4.0 2020 SHOPP Project List
Plumas
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Plumas-89 12.9/20.0 3714 0218000070	Near Greenville, from 1.4 miles north of Indian Falls Road to south of Hot Springs Road; also from Mill Street to 0.4 mile north of Mill Street (PM 20.6/21.0). Rehabilitate pavement, upgrade guardrail, replace Transportation Management System (TMS) elements and signs, rehabilitate drainage systems, and construct a Maintenance Vehicle Pullout (MVP).	4H030 2023-24	R/W: \$343 Con: \$9,350	PA&ED: \$670 PS&E: \$850 R/W Sup: \$460 Con Sup: \$1,120	20-21 22-23 22-23 23-24	PA&ED: 6/26/2022 R/W Cert: 12/26/2023 RTL: 2/20/2024 Begin Con: 9/5/2024
New			Subtotal: \$9,693	\$3,100		
			Total Project Cost:	\$12,793		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 16.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.0	0.4	16.4	Lane mile(s)
Post Condition	16.4	0.0	0.0	16.4	Lane mile(s)

Plumas County

R/W:	\$2,640	PA&ED:	\$9,790
Const:	\$190,740	PS&E:	\$9,840
		R/W Sup:	\$2,620
		Con Sup:	\$16,050
Subtotal:	\$193,380		\$38,300
Total (Capital + Support):			\$231,680

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

08-Riverside-74 R48.8/49.2 3010H 0817000182	Near Hemet, from 0.7 mile east to 1.1 miles east of Blackburn Road. Permanent restoration of slope erosion and drainage systems.	1J020 2020-21	R/W: \$63 Con: \$3,212	PA&ED: \$983 PS&E: \$1,374 R/W Sup: \$77 Con Sup: \$1,077	Prior Prior Prior 20-21	PA&ED: 12/2/2019 R/W Cert: 2/1/2021 RTL: 3/1/2021 Begin Con: 11/1/2021
			Subtotal: \$3,275	\$3,511		
Carryover			Total Project Cost:	\$6,786		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

08-Riverside-79 5.4/11.4 3006G 0816000049	Near Temecula, from 3.1 miles north of Route 371 to 1.1 miles south of Pauba Road. Construct eight foot shoulders and rumble strip.	1G670 2021-22	R/W: \$1,705 Con: \$43,272	PA&ED: \$4,900 PS&E: \$4,700 R/W Sup: \$751 Con Sup: \$7,700	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 10/1/2021 RTL: 11/1/2021 Begin Con: 8/19/2022
			Subtotal: \$44,977	\$18,051		
Carryover			Total Project Cost:	\$63,028		

SB1 Baseline Agreement Required

Program 201.010 Safety Improvements
Project Output(s) 108 Collision(s) reduced

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-215 R36.6/R37.2 3013W 0819000045	In the city of Riverside, from 0.2 mile north of Alessandro Boulevard to 0.2 mile south of Eucalyptus Avenue. Construct auxiliary lanes in the northbound and southbound directions between the onramps and offramps.	1K460 2020-21	R/W: \$24 Con: \$6,015	PA&ED: \$699 PS&E: \$762 R/W Sup: \$22 Con Sup: \$1,251	Prior Prior Prior 20-21	PA&ED: 5/4/2020 R/W Cert: 4/1/2021 RTL: 6/1/2021 Begin Con: 11/18/2021
Carryover			Subtotal: \$6,039	\$2,734		
			Total Project Cost:	\$8,773		

Program 201.010 Safety Improvements
Project Output(s) 221 Collision(s) reduced

08-Riverside-79 0.0/5.4 3010X 0813000178	Near Aguanga, from the San Diego County line to south of Sage Road and from north of Woodchuck Road to north of Anza Road (PM 11.4/14.8); also in and near Beaumont, from north of Gilman Springs Road to First Street (PM R34.2/40.1). Install guardrail and flashing beacons.	1E140 2022-23	R/W: \$28 Con: \$6,329	PA&ED: \$405 PS&E: \$968 R/W Sup: \$56 Con Sup: \$1,479	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 11/1/2022 RTL: 3/1/2023 Begin Con: 10/2/2023
New			Subtotal: \$6,357	\$2,908		
			Total Project Cost:	\$9,265		

Program 201.015 Collision Severity Reduction
Project Output(s) 9 Collision(s) reduced

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-15 8.2/13.9 3007Q 081600099	In Murrieta and Wildomar, from south of Route 215 to north of Clinton Keith Road. Enhance highway worker safety by installing Maintenance Vehicle Pullouts (MVPs), slope paving, paving beyond gore areas, and installing vegetation control.	1G890 2022-23	R/W: \$10 Con: \$3,830	PA&ED: \$356 PS&E: \$434 R/W Sup: \$11 Con Sup: \$589	20-21 21-22 21-22 22-23	PA&ED: 7/2/2021 R/W Cert: 9/2/2022 RTL: 11/4/2022 Begin Con: 5/4/2023
New			Subtotal: \$3,840 Total Project Cost:	\$1,390 \$5,230		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 33 Location(s)

08-Riverside-15 50.6/52.3 3008T 0817000142	In Jurupa Valley, from north of Cantu-Galleano Ranch Road to the San Bernardino County line (PM 52.270); on Route 60 from the San Bernardino County line to east of Etiwanda Avenue (PM 0.0/2.1); also in San Bernardino County in Ontario on Route 60, from east of South Haven Avenue to west of Milliken Avenue (PM 9.2/9.5). Enhance highway worker safety by paving beyond gore areas, adding Maintenance Vehicle Pullouts (MVPs), and installing vegetation control.	1H850 2022-23	R/W: \$20 Con: \$6,962	PA&ED: \$620 PS&E: \$620 R/W Sup: \$33 Con Sup: \$1,272	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 8/1/2022 RTL: 9/1/2022 Begin Con: 4/3/2023
New			Subtotal: \$6,982 Total Project Cost:	\$2,545 \$9,527		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 168 Location(s)

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

08-Riverside-15	In Temecula and Murrieta from Route	1C570	R/W: \$20	PA&ED: \$435	20-21	PA&ED: 10/1/2021
3.4/10.5	79 to Kalmia Street/California Oaks	2022-23	Con: \$2,315	PS&E: \$806	21-22	R/W Cert: 11/4/2022
3001W	Road and from south of Baxter Road			R/W Sup: \$26	21-22	RTL: 4/3/2023
0812000332	to south of Bundy Canyon Road (PM			Con Sup: \$640	22-23	Begin Con: 12/1/2023
	14.9/16.0). Install trash removal					
	devices.					
New			Subtotal: \$2,335	\$1,907		
			Total Project Cost:	\$4,242		

Program 201.335 Storm Water Mitigation
Project Output(s) 107.0 Acre(s) treated/pollutant

08-Riverside-15	In Wildomar and Lake Elsinore, from	1E340	R/W: \$10	PA&ED: \$314	20-21	PA&ED: 7/1/2022
15.9/20.3	south of Bundy Canyon Road to north	2023-24	Con: \$3,564	PS&E: \$467	22-23	R/W Cert: 7/5/2023
3008E	of Grunder Drive/Franklin Street.			R/W Sup: \$15	22-23	RTL: 8/4/2023
0813000215	Construct Best Management			Con Sup: \$622	23-24	Begin Con: 2/1/2024
	Practices (BMPs) to achieve					
	Statewide National Pollution		Subtotal: \$3,574	\$1,418		
New	Discharge Elimination System (NPDES)		Total Project Cost:	\$4,992		
	permit compliance units for Total					
	Maximum Daily Load (TMDL).					

Program 201.335 Storm Water Mitigation
Project Output(s) 40.0 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-15 9.4/16.3 3012C 081800090	In and near Murrieta, from Murrieta Hot Springs Road to Bundy Canyon Road. Upgrade facilities to Americans with Disabilities Act (ADA) standards.	1J670 2022-23	R/W: \$18 Con: \$1,900	PA&ED: \$763 PS&E: \$1,013 R/W Sup: \$34 Con Sup: \$996	20-21 21-22 21-22 22-23	PA&ED: 10/2/2021 R/W Cert: 1/3/2023 RTL: 2/1/2023 Begin Con: 8/1/2023
New			Subtotal: \$1,918	\$2,806		
			Total Project Cost:	\$4,724		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 39 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	39.0	39.0	Each
Post Condition	39.0	0.0	0.0	39.0	Each

08-Riverside-15 16.3/52.3 3012F 0818000124	In and near Lake Elsinore, Corona, Norco, Jurupa Valley, and Eastvale, at various locations from Bundy Canyon Road to Philadelphia Street (San Bernardino County line) (PM 16.3/52.270). Upgrade facilities to Americans with Disabilities Act (ADA) standards.	1J870 2023-24	R/W: \$67 Con: \$1,633	PA&ED: \$1,012 PS&E: \$1,486 R/W Sup: \$319 Con Sup: \$1,041	20-21 21-22 21-22 23-24	PA&ED: 10/1/2021 R/W Cert: 7/3/2023 RTL: 8/1/2023 Begin Con: 5/1/2024
New			Subtotal: \$1,700	\$3,858		
			Total Project Cost:	\$5,558		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 14 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12.0	12.0	Each
Post Condition	14.0	0.0	0.0	14.0	Each

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-60 13.3/19.2 3012E 081800094	In Moreno Valley, from Day Street to east of Moreno Beach Drive. Upgrade facilities to Americans with Disabilities Act (ADA) standards.	1J680 2022-23	R/W: \$140 Con: \$2,248	PA&ED: \$421 PS&E: \$948 R/W Sup: \$497 Con Sup: \$817	20-21 21-22 21-22 22-23	PA&ED: 9/3/2021 R/W Cert: 1/2/2023 RTL: 2/2/2023 Begin Con: 11/2/2023
<i>New</i>			Subtotal: \$2,388	\$2,683		
			Total Project Cost:	\$5,071		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 20 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	20.0	20.0	Each
Post Condition	20.0	0.0	0.0	20.0	Each

08-Riverside-111 47.3/55.3 3007U 0817000230	In Palm Springs, from Gateway Drive to Golf Club Drive. Reconstruct and construct curb ramps.	0R302 2021-22	R/W: \$2,125 Con: \$6,647	PA&ED: \$421 PS&E: \$1,547 R/W Sup: \$3,339 Con Sup: \$2,590	Prior Prior 21-22	PA&ED: 6/29/2016 R/W Cert: 8/2/2021 RTL: 8/2/2021 Begin Con: 3/1/2022
<i>Carryover</i>			Subtotal: \$8,772	\$7,476		
			Total Project Cost:	\$16,248		

Americans with Disabilities Act Pedestrian
Program 201.378 Infrastructure
Project Output(s) 130 Structure(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	130.0	130.0	Each
Post Condition	130.0	0.0	0.0	130.0	Each

**V4.0 2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

08-Riverside-10	Near Desert Center, from Krume Ditch	1H200	R/W: \$190	PA&ED: \$967	Prior	PA&ED: 9/23/2020
R92.9/R101.1	to Wide Ditch. Replace existing Rock	2021-22	* Con: \$10,440	PS&E: \$1,232	20-21	R/W Cert: 2/16/2022
3008N	Slope Protection (RSP) to prevent			R/W Sup: \$259	20-21	RTL: 3/16/2022
0816000177	further scour damage and preserve			* Con Sup: \$3,648	21-22	Begin Con: 11/4/2022
	the integrity of twenty-four bridges.					
<i>Carryover</i>			Subtotal: \$10,630	\$6,106		
	(G13 Contingency)		Total Project Cost:	\$16,736		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 24 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	86,496.0	86,496.0	Square feet
Post Condition	86,496.0	0.0	0.0	86,496.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 56-0097L	Good	Good
Bridge No. 56-0097R	Good	Good
Bridge No. 56-0098L	Good	Good
Bridge No. 56-0098R	Good	Good
Bridge No. 56-0099L	Good	Good
Bridge No. 56-0099R	Fair	Fair
Bridge No. 56-0104L	Good	Good
Bridge No. 56-0104R	Good	Good
Bridge No. 56-0105L	Fair	Fair
Bridge No. 56-0105R	Fair	Fair
Bridge No. 56-0109L	Fair	Fair
Bridge No. 56-0109R	Good	Good
Bridge No. 56-0111L	Good	Good
Bridge No. 56-0111R	Fair	Fair
Bridge No. 56-0112L	Good	Good
Bridge No. 56-0112R	Good	Good
Bridge No. 56-0113L	Fair	Fair
Bridge No. 56-0113R	Good	Good
Bridge No. 56-0118L	Fair	Fair
Bridge No. 56-0118R	Fair	Fair
Bridge No. 56-0120L	Good	Good
Bridge No. 56-0120R	Good	Good
Bridge No. 56-0122L	Good	Good
Bridge No. 56-0122R	Good	Good

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-74 2.9/3.2 3005Q 0816000001	Near Lake Elsinore, at Morrill Canyon Bridge No. 56-0169; also near Hemet, at Strawberry Creek Bridge No. 56 -0180 (PM 53.4/54.7). Replace structures/upgrade rails.	1G470 2021-22	R/W: \$653 Con: \$6,824	PA&ED: \$1,690 PS&E: \$1,295 R/W Sup: \$150 Con Sup: \$2,390	Prior 20-21 20-21 21-22	PA&ED: 3/1/2021 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 12/1/2022
Carryover			Subtotal: \$7,477	\$5,525		
			Total Project Cost:	\$13,002		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset (Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,971.0	1,971.0	Square feet
Post Condition	3,662.0	0.0	0.0	3,662.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 56-0169	Fair	Good
Bridge No. 56-0180	Good	Good

08-Riverside-10 R87.9 3011Q 0818000055	Near Chiriaco Summit, at Three Star Ditch Bridge No. 59-0129R/L; also at Determination Ditch Bridge No. 59 -0124R/L (PM R90.9). Replace existing Rock Slope Protection (RSP) to restore scour protection.	1J470 2023-24	R/W: \$395 Con: \$10,115	PA&ED: \$1,065 PS&E: \$1,912 R/W Sup: \$51 Con Sup: \$2,651	20-21 22-23 22-23 23-24	PA&ED: 8/4/2022 R/W Cert: 9/5/2023 RTL: 10/2/2023 Begin Con: 6/6/2024
New			Subtotal: \$10,510	\$5,679		
			Total Project Cost:	\$16,189		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 4 Bridge(s)

Primary Asset (Scour)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	13,540.0	13,540.0	Square feet
Post Condition	13,540.0	0.0	0.0	13,540.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 56-0124L	Good	Good
Bridge No. 56-0124R	Good	Good
Bridge No. 56-0129L	Good	Good
Bridge No. 56-0129R	Good	Good

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-10 R91.9/R115.4 3012J 081800098	Near Desert Center, at Orris Ditch Bridge No. 56-0123L/R and at Aztec Ditch Bridge No. 56-0545L/R. Scour mitigation and bridge rail upgrade.	1J710 2022-23	R/W: \$10 Con: \$4,179	PA&ED: \$912 PS&E: \$1,446 R/W Sup: \$17 Con Sup: \$1,717	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 11/1/2022 RTL: 12/1/2022 Begin Con: 8/1/2023
New			Subtotal: \$4,189	\$4,092		
			Total Project Cost:	\$8,281		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 4 Bridge(s)

Primary Asset

(Scour)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	15,974.0	15,974.0	Square feet
Post Condition	15,974.0	0.0	0.0	15,974.0	Square feet

Bridge Health

Existing Condition Post Condition

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 56-0123L	Good	Good
Bridge No. 56-0123R	Good	Good
Bridge No. 56-0545L	Good	Good
Bridge No. 56-0545R	Good	Good

ROADWAY PRESERVATION

Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-74 27.5/34.3 3008C 081600084	Near Perris and Hemet, from Route 215 (PM 27.540) to Route 79. Rehabilitate pavement.	1C072 2023-24	R/W: \$80 Con: \$15,375	PA&ED: \$1,267 PS&E: \$1,177 R/W Sup: \$276 Con Sup: \$2,466	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 8/1/2023 RTL: 10/2/2023 Begin Con: 7/1/2024
New			Subtotal: \$15,455	\$5,186		
			Total Project Cost:	\$20,641		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 27.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.9	10.3	27.2	Lane mile(s)
Post Condition	27.2	0.0	0.0	27.2	Lane mile(s)

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-111 47.2/55.3 3008G 0816000043	In Palm Springs, from Golf Club Drive to West Gateway Drive. Rehabilitate pavement.	1G630 2023-24	R/W: \$10 Con: \$17,749	PA&ED: \$901 PS&E: \$1,614 R/W Sup: \$127 Con Sup: \$3,559	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 11/1/2023 RTL: 2/1/2024 Begin Con: 11/1/2024
New			Subtotal: \$17,759	\$6,201		
			Total Project Cost:	\$23,960		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 34.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.3	33.6	0.0	34.9	Lane mile(s)
Post Condition	34.9	0.0	0.0	34.9	Lane mile(s)

08-Riverside-215 R13.5/R19.5 3011E 0818000012	Near Murrieta, from 1 mile north of Clinton Keith Road to 1 mile north of Newport Road. Rehabilitate pavement, replace shoulder rumble strip, upgrade culverts, upgrade guardrail, stabilize slopes, and enhance highway worker safety.	1J260 2022-23	R/W: \$20 Con: \$27,553	PA&ED: \$1,374 PS&E: \$2,206 R/W Sup: \$43 Con Sup: \$3,544	20-21 21-22 21-22 22-23	PA&ED: 11/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 10/2/2023
New			Subtotal: \$27,573	\$7,167		
			Total Project Cost:	\$34,740		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	9.2	15.4	0.0	24.6	Lane mile(s)
Post Condition	24.6	0.0	0.0	24.6	Lane mile(s)

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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08-Riverside-215 25.0/R31.0 3011H 081800015 New	In and near Perris, from south of San Jacinto River Bridge to north of Ramona Expressway. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, upgrade guardrail, enhance highway worker safety, and install slope stabilization and erosion control measures. (G13 Contingency)	1J290 2023-24	R/W: \$77 * Con: \$38,000	PA&ED: \$1,678 PS&E: \$2,576 R/W Sup: \$51 * Con Sup: \$4,261	20-21 21-22 21-22 23-24	PA&ED: 12/1/2021 R/W Cert: 7/1/2023 RTL: 8/1/2023 Begin Con: 3/1/2024
			Subtotal: \$38,077	\$8,566		
			Total Project Cost: \$46,643			
* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required						
			Program 201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s) 31.7 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	14.9	16.8	0.0	31.7	Lane mile(s)
Post Condition	31.7	0.0	0.0	31.7	Lane mile(s)

08-Riverside-215 40.5/42.7 3011Y 0818000102 New	In the city of Riverside, from south of Martin Luther King Boulevard to north of Chicago Avenue. Rehabilitate pavement, upgrade curb ramps to Americans with Disabilities Act (ADA) standards, and replace sign structures and signs. (G13 Contingency)	1J610 2023-24	R/W: \$22 * Con: \$19,861	PA&ED: \$1,022 PS&E: \$1,800 R/W Sup: \$90 * Con Sup: \$2,953	20-21 21-22 21-22 23-24	PA&ED: 2/1/2022 R/W Cert: 7/3/2023 RTL: 8/1/2023 Begin Con: 3/4/2024
			Subtotal: \$19,883	\$5,865		
			Total Project Cost: \$25,748			
* Construction Capital and * Construction Support phases are NOT authorized						
			Program 201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s) 20.5 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.2	14.7	5.6	20.5	Lane mile(s)
Post Condition	20.5	0.0	0.0	20.5	Lane mile(s)

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-243 0.0/29.7 3011S 0818000043	Near Mountain Center, Idyllwild and Banning, from Route 74 to Route 10. Rehabilitate pavement and drainage systems; upgrade guardrail, lighting, and sign panels; upgrade facilities to Americans with Disabilities Act (ADA) standards; and enhance highway worker safety improvements.	1J450 2023-24	R/W: \$477 Con: \$20,794	PA&ED: \$864 PS&E: \$1,311 R/W Sup: \$60 Con Sup: \$2,708	20-21 21-22 21-22 23-24	PA&ED: 6/3/2022 R/W Cert: 1/3/2024 RTL: 2/6/2024 Begin Con: 11/7/2024
New			Subtotal: \$21,271 Total Project Cost:	\$4,943 \$26,214		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 26.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	26.6	26.6	Lane mile(s)
Post Condition	26.6	0.0	0.0	26.6	Lane mile(s)

08-Riverside-10 R60.9/R74.0 3008A 0816000086	In and near Coachella, from 0.5 mile east of Coachella Canal to Hazy Gulch Bridge. Cold plane pavement and overlay with Portland Cement Concrete (PCC). Construct eastbound truck climbing lane. A one lane temporary detour will be constructed in the median for traffic handling. (G13 Contingency)	1C081 2021-22	R/W: \$10 * Con: \$157,000	PA&ED: \$7,000 PS&E: \$15,800 R/W Sup: \$90 * Con Sup: \$22,000	Prior 20-21 20-21 21-22	PA&ED: 9/2/2020 R/W Cert: 10/7/2021 RTL: 3/3/2022 Begin Con: 7/5/2022
Carryover			Subtotal: \$157,010 Total Project Cost:	\$44,890 \$201,900		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 52.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	38.2	14.2	0.0	52.4	Lane mile(s)
Post Condition	52.4	0.0	0.0	52.4	Lane mile(s)

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-10 R134.0/R156.5 3009K 0816000090	In and near Blythe, from Teed Ditch Bridge to Arizona State line. Cold plane mainline pavement and overlay with Portland Cement Concrete (PCC). The shoulders and ramps will be milled and overlaid with Hot Mix Asphalt (HMA-A). A two lane temporary detour will be constructed in the median for traffic handling.	1C083 2021-22	R/W: \$10 * Con: \$207,000	PA&ED: \$9,000 PS&E: \$21,000 R/W Sup: \$117 * Con Sup: \$29,000	Prior 20-21 20-21 21-22	PA&ED: 8/3/2020 R/W Cert: 4/1/2022 RTL: 5/2/2022 Begin Con: 4/3/2023
Carryover	(G13 Contingency)		Subtotal: \$207,010	\$59,117		
			Total Project Cost:	\$266,127		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.122 Roadway Rehabilitation (2R)		
			Project Output(s)	90.0 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	71.6	18.4	0.0	90.0	Lane mile(s)
Post Condition	90.0	0.0	0.0	90.0	Lane mile(s)

MOBILITY

08-Riverside-15 3.5/6.8 3013F 0819000031	In Temecula, from north of Temecula Parkway to north of Winchester Road. Construct auxiliary lanes to facilitate merging movements, rehabilitate lighting, rehabilitate drainage, install Transportation Management System (TMS) elements, and upgrade guardrail.	1K400 2023-24	R/W: \$70 Con: \$39,302	PA&ED: \$3,177 PS&E: \$3,600 R/W Sup: \$69 Con Sup: \$7,441	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 8/4/2023 RTL: 10/2/2023 Begin Con: 5/5/2024
New			Subtotal: \$39,372	\$14,287		
			Total Project Cost:	\$53,659		
			SBI Baseline Agreement Required			
			Program	201.310 Operational Improvements		
			Project Output(s)	3,556.0 Daily vehicle hour(s) of delay (DVHD)		

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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08-Riverside-Var 3012Q 0818000135 New	In Riverside County on Routes 10, 15, 60, 62, 91, 111, and 215 at various locations; also in San Bernardino County, on Route 215 in Colton at Iowa Avenue (PM 0.2). Upgrade Changeable Message Signs (CMS) and guardrail shielding, and construct Maintenance Vehicle Pullouts (MVPs).	1J910 2022-23	R/W:	\$42	PA&ED:	\$863	20-21	PA&ED: 7/1/2021 R/W Cert: 12/1/2022 RTL: 1/2/2023 Begin Con: 9/7/2023
			Con:	\$7,160	PS&E:	\$1,463	21-22	
					R/W Sup:	\$65	21-22	
					Con Sup:	\$2,527	22-23	
			Subtotal:		\$7,202	\$4,918		
Total Project Cost:			\$12,120					

Program 201.315 Transportation Management Systems
Project Output(s) 21 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	21	Field element(s)
Post Condition	100.0%		0.0%	21	Field element(s)

08-Riverside-60 R1.0/12.0 3011A 0818000002 New	In the cities of Jurupa Valley and Riverside, from Wineville Road to west of Route 91/215 Separation. Install ramp meters and other Transportation Management System (TMS) elements, widen ramps for High-Occupancy Vehicle (HOV) bypass, upgrade facilities to Americans with Disabilities Act (ADA) standards, and install Maintenance Vehicle Pullouts (MVPs).	1J230 2022-23	R/W:	\$10	PA&ED:	\$1,233	20-21	PA&ED: 7/1/2021 R/W Cert: 12/1/2022 RTL: 1/2/2023 Begin Con: 9/7/2023
			Con:	\$10,505	PS&E:	\$2,083	21-22	
					R/W Sup:	\$64	21-22	
					Con Sup:	\$2,774	22-23	
			Subtotal:		\$10,515	\$6,154		
Total Project Cost:			\$16,669					

Program 201.315 Transportation Management Systems
Project Output(s) 10 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	10	Field element(s)
Post Condition	100.0%		0.0%	10	Field element(s)

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-60 16.1/22.5 0043L 0816000145	In and near Moreno Valley, from west of Perris Boulevard to east of Gilman Springs Road. Install Transportation Management System (TMS) elements.	49612 2022-23	R/W: \$10 Con: \$10,499	PA&ED: \$757 PS&E: \$1,345 R/W Sup: \$23 Con Sup: \$1,987	20-21 20-21 20-21 22-23	PA&ED: 3/1/2021 R/W Cert: 9/2/2022 RTL: 10/4/2022 Begin Con: 6/1/2023
New				Subtotal: \$10,509	\$4,112	
				Total Project Cost:	\$14,621	

Program 201.315 Transportation Management Systems
Project Output(s) 21 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	21	Field element(s)
Post Condition	100.0%		0.0%	21	Field element(s)

08-Riverside-10 R59.3/R59.5 3012H 0818000097	In Coachella, from 0.4 mile to 0.6 mile east of Dillon Road. Replace existing Weigh-in-Motion (WIM) system.	1J700 2022-23	R/W: \$10 Con: \$2,454	PA&ED: \$597 PS&E: \$892 R/W Sup: \$18 Con Sup: \$773	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 11/1/2022 RTL: 12/1/2022 Begin Con: 8/1/2023
New				Subtotal: \$2,464	\$2,280	
				Total Project Cost:	\$4,744	

Program 201.321 Weigh Stations
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1.0	1.0	Each
Post Condition	1.0	0.0	0.0	1.0	Each

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

08-Riverside-15	In Corona and Norco, from Corona	1H420	R/W: \$10	PA&ED: \$316	20-21	PA&ED: 11/1/2021
42.4/46.2	Avenue to the Santa Ana River.	2022-23	Con: \$3,167	PS&E: \$368	21-22	R/W Cert: 3/1/2023
3008S	Upgrade existing irrigation system to use recycled water.			R/W Sup: \$65	21-22	RTL: 4/6/2023
0817000041				Con Sup: \$394	22-23	Begin Con: 11/2/2023
			Subtotal: \$3,177		\$1,143	
New			Total Project Cost:		\$4,320	

Program 201.210 Highway Planting Restoration
Project Output(s) 75.0 Acre(s)

08-Riverside-60	In Jurupa Valley, from east of Pyrite	1H380	R/W: \$10	PA&ED: \$365	20-21	PA&ED: 2/1/2022
R6.1/8.0	Street to East of Valley Way. Replace	2022-23	Con: \$3,849	PS&E: \$433	21-22	R/W Cert: 12/1/2022
3008R	and rehabilitate landscaping and			R/W Sup: \$20	21-22	RTL: 2/1/2023
0817000028	irrigation system.			Con Sup: \$587	22-23	Begin Con: 8/4/2023
			Subtotal: \$3,859		\$1,405	
New			Total Project Cost:		\$5,264	

Program 201.210 Highway Planting Restoration
Project Output(s) 21.2 Acre(s)

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-91 15.6/21.6 3015Y 0820000026	In the city of Riverside, from Adams Street to west of Route 60. Rehabilitate landscaping and irrigation systems.	1L320 2022-23	R/W: \$22 Con: \$3,092	PA&ED: \$400 PS&E: \$450 R/W Sup: \$100 Con Sup: \$503	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 11/1/2022 RTL: 1/1/2023 Begin Con: 8/1/2023
			Subtotal: \$3,114	\$1,453		
New			Total Project Cost:	\$4,567		

Program 201.210 Highway Planting Restoration
Project Output(s) 19.0 Acre(s)

08-Riverside-10 R71.8/R72.4 0049T 0815000218	Near Indio at the Cactus City Safety Roadside Rest Areas (SRRA). Reconstruct and upgrade eastbound and westbound SRRA facilities.	0G850 2023-24	R/W: \$20 Con: \$28,434	PA&ED: \$1,194 PS&E: \$4,282 R/W Sup: \$69 Con Sup: \$5,445	20-21 22-23 22-23 23-24	PA&ED: 8/1/2022 R/W Cert: 2/1/2024 RTL: 3/1/2024 Begin Con: 12/5/2024
			Subtotal: \$28,454	\$10,990		
New			Total Project Cost:	\$39,444		

Program 201.250 Safety Roadside Rest Area Restoration
Project Output(s) 2 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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FACILITIES

08-Riverside-74	Near Lake Elsinore, at the Lake Elsinore Maintenance Station at 18745	1J320 2023-24	R/W: \$2,188 Con: \$3,662	PA&ED: \$1,027 PS&E: \$2,204 R/W Sup: \$88 Con Sup: \$2,263	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 7/5/2023 RTL: 8/5/2023 Begin Con: 4/5/2024
3011L 0818000017	Conard Avenue. Construct a new maintenance facility at the existing location.					
New			Subtotal: \$5,850	\$5,582		
			Total Project Cost:	\$11,432		

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	3,000.0	0.0	0.0	3,000.0	Square feet

MULTIPLE OBJECTIVE

08-Riverside-10	Near Banning, Indio, and Blythe, at various Safety Roadside Rest Areas (SRRAs); also in San Bernardino County near Yucaipa at various locations.	1J580 2022-23	R/W: \$20 Con: \$6,381	PA&ED: \$793 PS&E: \$1,118 R/W Sup: \$62 Con Sup: \$1,040	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 8/1/2022 RTL: 9/1/2022 Begin Con: 5/1/2023
3011C 0818000084	Install Zero-Emission Vehicle (ZEV) charging stations in SRRAs and install Dynamic Truck Parking Signs nearby.					
New			Subtotal: \$6,401	\$3,013		
			Total Project Cost:	\$9,414		

Program 201.999 Multiple Objective
Project Output(s) 6 Location(s)

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-74 34.3/45.1 3008L 0816000130	In and near Hemet, from Winchester Road to Fairview Avenue. Multi-objective project to rehabilitate pavement, install fiber optic/vehicle detection stations and upgrade curb ramps to meet Americans with Disabilities Act (ADA) standards.	1H060 2021-22	R/W: \$1,267 Con: \$31,282	PA&ED: \$3,000 PS&E: \$5,140 R/W Sup: \$4,530 Con Sup: \$4,100	Prior Prior Prior 21-22	PA&ED: 2/20/2020 R/W Cert: 2/1/2022 RTL: 3/1/2022 Begin Con: 12/21/2022
Carryover			Subtotal: \$32,549	\$16,770		
			Total Project Cost:	\$49,319		

SB1 Baseline Agreement Required

Program 201.999 Multiple Objective
Project Output(s) 49.0 Centerline mile(s)

Riverside County

R/W:	\$9,863	PA&ED:	\$52,370
Const:	\$772,604	PS&E:	\$91,872
		R/W Sup:	\$11,684
		Con Sup:	\$130,805
Subtotal:		\$782,467	\$286,731
Total (Capital + Support):		\$1,069,198	

V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

03-Sacramento-Var 3313 0316000010	In Sacramento, Butte, Placer, Sutter, Nevada and Yolo Counties, on Routes 50, 65, 70, 80, 89, 99, 160 at various locations. Upgrade crash cushions and sand barrel arrays to make more durable.	0H680 2020-21	R/W: Con: \$2,000	PA&ED: \$90 PS&E: \$170 R/W Sup: \$30 Con Sup: \$460	\$90 \$170 \$30 \$460	Prior Prior Prior 20-21	PA&ED: 8/19/2019 R/W Cert: 10/1/2020 RTL: 10/1/2020 Begin Con: 4/1/2021
<i>Carryover</i>			Subtotal: \$2,000	\$750			
			Total Project Cost:	\$2,750			

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

03-Sacramento-51 5.6/5.9 6414 0318000055	In the city of Sacramento, between Marconi Avenue and Howe Avenue. Construct outer separation barrier.	3H730 2022-23	R/W: \$10 Con: \$3,100	PA&ED: \$410 PS&E: \$740 R/W Sup: \$90 Con Sup: \$530	\$410 \$740 \$90 \$530	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 10/10/2022 RTL: 10/24/2022 Begin Con: 2/6/2023
<i>New</i>			Subtotal: \$3,110	\$1,770			
			Total Project Cost:	\$4,880			

Program 201.015 Collision Severity Reduction
Project Output(s) 4 Collision(s) reduced

**V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Sacramento-51 1.6/4.4 6413 0317000064	In the city of Sacramento, from 0.1 mile south of B Street Underpass to 0.4 mile north of Arden Way. Pave areas behind the gore and at narrow and miscellaneous locations, place vegetation control, and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker safety.	2H110 2021-22	R/W: \$10 Con: \$4,000	PA&ED: \$280 PS&E: \$530 R/W Sup: \$50 Con Sup: \$1,120	Prior 20-21 20-21 21-22	PA&ED: 1/6/2020 R/W Cert: 4/15/2021 RTL: 10/1/2021 Begin Con: 3/1/2022
<i>Carryover</i>			Subtotal: \$4,010 Total Project Cost:	\$1,980 \$5,990		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 61 Location(s)
03-Sacramento-80 M9.1/R11.4 6716 0317000068	In and near the city of Sacramento, from Del Paso Park Separation to 0.4 mile north of Route 80/244 Separation; also on Route 51 from PM 8.3 to 8.6 and Route 244 from PM 0.0 to 0.9. Pave areas behind the gore and at narrow and miscellaneous locations, place vegetation control, and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker safety.	2H150 2020-21	R/W: \$10 Con: \$3,700	PA&ED: \$250 PS&E: \$570 R/W Sup: \$10 Con Sup: \$1,050	Prior Prior 20-21 20-21	PA&ED: 5/5/2020 R/W Cert: 2/21/2021 RTL: 2/26/2021 Begin Con: 8/2/2021
<i>Carryover</i>			Subtotal: \$3,700 Total Project Cost:	\$1,880 \$5,580		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 49 Location(s)

**V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Sacramento-80 R11.4/18.0 6715 0317000065	In and near Citrus Heights, from east of the Route 80/244 Separation to the Placer County line. Pave areas behind the gore and at narrow and miscellaneous locations, place vegetation control, and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker safety.	2H120 2020-21	R/W: Con: \$2,500	PA&ED: \$260 PS&E: \$500 R/W Sup: \$10 Con Sup: \$1,000	20-21 20-21 20-21 20-21	PA&ED: 5/5/2020 R/W Cert: 2/22/2021 RTL: 2/26/2021 Begin Con: 8/2/2021
Carryover			Subtotal: \$2,500 Total Project Cost:	\$1,770 \$4,270		
					Program 201.235	Roadside Safety Improvements/Freeway Maintenance Access
					Project Output(s)	67 Location(s)

BRIDGE PRESERVATION

03-Sacramento-12 0.0/0.4 5960 0316000059	In and near Rio Vista, at the Sacramento River Bridge No. 23-0024; also in Solano County, from PM 26.3 to PM 26.4. Rehabilitate movable bridge electrical and mechanical systems and upgrade Americans with Disabilities Act (ADA) facilities.	1H130 2021-22	R/W: \$100 * Con: \$16,400	PA&ED: \$760 PS&E: \$2,460 R/W Sup: \$20 * Con Sup: \$3,120	Prior Prior Prior 21-22	PA&ED: 12/11/2020 R/W Cert: 3/10/2022 RTL: 3/25/2022 Begin Con: 7/22/2022
Carryover	(G13 Contingency)		Subtotal: \$16,500 Total Project Cost:	\$6,360 \$22,860		
					Program 201.110	Bridge Major Rehabilitation
					Project Output(s)	1 Bridge(s)

* Construction Capital and * Construction Support phases are NOT authorized

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	0.0	0.0	0.0	0.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 23-0024	Fair	Fair

**V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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03-Sacramento-51 2.0/3.5 6402 0312000054	In the city of Sacramento, at the American River Bridge No.24-0003 from north of B Street Underpass to north of Exposition Boulevard Overcrossing. Widen and replace bridge deck.	3F070 2021-22	R/W: \$2,000 * Con: \$123,000	PA&ED: \$4,340 PS&E: \$12,000 R/W Sup: \$600 * Con Sup: \$22,000	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 10/1/2021 RTL: 10/20/2021 Begin Con: 3/1/2022
Carryover	(G13 Contingency)		Subtotal: \$125,000	\$38,940		
			Total Project Cost:	\$163,940		

* Construction Capital and * Construction Support phases are NOT authorized
SBI Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	166,593.0	0.0	166,593.0	Square feet
Post Condition	166,593.0	0.0	0.0	166,593.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 24-0003	Fair	Good
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03-Sacramento-50 L0.0/L0.5 6247 0316000056	In the city of Sacramento, from the Sacramento River Viaduct (Pioneer Bridge) to 4th Street; also on Route 5, from 0.2 mile south of Broadway to S Street (PM 22.15/22.91). Clean and paint steel bridge girders within Route 5/50 Interchange.	1H100 2020-21	R/W: \$20 Con: \$16,700	PA&ED: \$350 PS&E: \$940 R/W Sup: \$10 Con Sup: \$3,010	Prior Prior Prior 20-21	PA&ED: 6/20/2019 R/W Cert: 2/1/2021 RTL: 2/1/2021 Begin Con: 9/1/2021
Carryover			Subtotal: \$16,720	\$4,310		
			Total Project Cost:	\$21,030		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 9 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	279,926.0	50,741.0	0.0	330,667.0	Square feet
Post Condition	279,926.0	50,741.0	0.0	330,667.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 24-4101	Good	Good
Bridge No. 24-4102	Good	Good
Bridge No. 24-4104	Good	Good
Bridge No. 24-4106	Fair	Fair
Bridge No. 24-4113	Good	Good
Bridge No. 24-4117	Good	Good
Bridge No. 24-4125	Good	Good
Bridge No. 24-4305	Good	Good
Bridge No. 24-4330	Good	Good

**V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Sacramento-5 22.1/26.7 5868 0317000340	In the city of Sacramento, from 0.5 mile south of Route 50 to Route 80 at South Connector Undercrossing No. 24-0267 (PM 22.42) and at American River Viaduct No. 24-0068L/R (PM 24.82). Improve to standard truck capacity.	3H390 2021-22	* R/W: \$3,110 * Con: \$176,700	PA&ED: \$16,780 * PS&E: \$19,340 * R/W \$2,910 * Con Sup: \$28,390	Prior 21-22 21-22 21-22	PA&ED: 7/1/2020 R/W Cert: 5/9/2022 RTL: 5/23/2022 Begin Con: 10/21/2022
Carryover			Subtotal: \$179,810	\$67,420		
			Total Project Cost:	\$247,230		

* Con, * R/W, * PS&E, * R/W Sup, * Con Sup phase(s) are NOT authorized

ACCELERATED BRIDGE (PA&ED Only)

SBI Baseline Agreement Required

Program 201.322 Trans Permit Requirements for Bridges
Project Output(s) 3 Bridge(s)

Primary Asset
(Goods Movement)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	55,875.0	55,875.0	Square feet
Post Condition	55,875.0	0.0	0.0	55,875.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 24-0068L	Good	Good
Bridge No. 24-0068R	Good	Good
Bridge No. 24-0267	Good	Good

ROADWAY PRESERVATION

03-Sacramento-80 M9.6/12.9 6714 0316000065	Near the city of Sacramento, from 0.2 mile east of Longview Drive to 0.4 mile east of Madison Avenue. Pavement rehabilitation.	1H190 2021-22	R/W: \$100 Con: \$14,000	PA&ED: \$50 PS&E: \$1,500 R/W Sup: \$80 Con Sup: \$2,500	Prior Prior Prior 21-22	PA&ED: 1/25/2019 R/W Cert: 10/8/2019 RTL: 6/10/2021 Begin Con: 12/15/2021
Carryover			Subtotal: \$14,100	\$4,130		
			Total Project Cost:	\$18,230		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 31.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	5.0	26.4	0.0	31.4	Lane mile(s)
Post Condition	31.4	0.0	0.0	31.4	Lane mile(s)

**V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

03-Sacramento-50 R7.7/R9.5 6197 0300001101	In and near Rancho Cordova, from Bradshaw Road to Mather Field Road. Operational improvements that construct auxiliary lanes in both westbound and eastbound directions.	1F150 2020-21	R/W: \$102 Con: \$7,800	PA&ED: \$396 PS&E: \$659 R/W Sup: \$103 Con Sup: \$1,080	Prior 20-21 20-21 20-21	PA&ED: 10/1/2019 R/W Cert: 7/6/2020 RTL: 8/1/2020 Begin Con: 2/15/2021
<i>Carryover</i>			Subtotal: \$7,902	\$2,238		
			Total Project Cost:	\$10,140		

Program 201.310 Operational Improvements
Project Output(s) 143.0 Daily vehicle hour(s) of delay (DVHD)

03-Sacramento-99 12.7/16.0 6930 0316000193	In Elk Grove, from Elk Grove Boulevard to south of Calvine Road. Construct two auxiliary lanes and upgrade four ramp metering systems.	1H630 2022-23	R/W: \$320 Con: \$18,100	PA&ED: \$810 PS&E: \$1,550 R/W Sup: \$250 Con Sup: \$2,000	20-21 21-22 21-22 22-23	PA&ED: 8/19/2021 R/W Cert: 1/3/2023 RTL: 1/18/2023 Begin Con: 5/19/2023
<i>New</i>			Subtotal: \$18,420	\$4,610		
			Total Project Cost:	\$23,030		

Program 201.310 Operational Improvements
Project Output(s) 298.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Sacramento-5 6411 031700009	In the city of Sacramento, at various locations and routes at the Route 5/99 Interchange Connector ramps and the eastbound Route 51/160 Interchange Connector ramp. Install connector ramp meters.	1H850 2020-21	R/W: \$20 Con: \$3,000	PA&ED: \$320 PS&E: \$660 R/W Sup: \$20 Con Sup: \$1,020	Prior Prior Prior 20-21	PA&ED: 12/2/2019 R/W Cert: 3/10/2021 RTL: 3/25/2021 Begin Con: 7/21/2021
Carryover			Subtotal: \$3,020	\$2,020		
			Total Project Cost:	\$5,040		

Program 201.315 Transportation Management Systems
Project Output(s) 4 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0	Field element(s)
Post Condition	100.0%		0.0%	4	Field element(s)

03-Sacramento-50 L0.0/17.5 6250 0317000325	In and near the cities of Sacramento, Rancho Cordova, and Folsom, from Yolo County line to Folsom Boulevard; also in Yolo County in West Sacramento, from Route 80 to Sacramento County line (PM 0.0 to 3.156), and on Route 80 from Enterprise Boulevard to Route 50 (PM 9.2 to R9.552). Install Transportation Management System (TMS) field elements.	3H330 2020-21	R/W: \$200 Con: \$38,400	PA&ED: \$940 PS&E: \$2,700 R/W Sup: \$520 Con Sup: \$3,900	Prior Prior Prior 20-21	PA&ED: 8/13/2019 R/W Cert: 9/16/2020 RTL: 10/15/2020 Begin Con: 4/5/2021
Carryover			Subtotal: \$38,600	\$8,060		
			Total Project Cost:	\$46,660		

Program 201.315 Transportation Management Systems
Project Output(s) 79 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	52	Field element(s)
Post Condition	100.0%		0.0%	79	Field element(s)

V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Sacramento-50 15.7/23.1 6248 0317000006	In and near Rancho Cordova and Folsom, from Hazel Avenue to the county line; also in El Dorado County near El Dorado Hills, from the county line to 0.1 mile east of White Rock Road (PM 0.0/R1.9). Install fiber optic cable and wireless communication systems.	1H820 2020-21	R/W: \$5 Con: \$4,650	PA&ED: \$240 PS&E: \$950 R/W Sup: \$110 Con Sup: \$1,050	Prior Prior Prior 20-21	PA&ED: 6/28/2019 R/W Cert: 9/15/2020 RTL: 10/12/2020 Begin Con: 2/5/2021
Carryover			Subtotal: \$4,655	\$2,350		
			Total Project Cost:	\$7,005		

Program 201.315 Transportation Management Systems
Project Output(s) 3.5 Mile(s) of cable

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0.0	Mile(s) of cable
Post Condition	100.0%		0.0%	3.5	Mile(s) of cable

03-Sacramento-99 10.0/R24.3 6925 0316000005	In and near the cities of Elk Grove and Sacramento, from Grant Line Road to Route 50; also on Route 51, from Route 50 to 0.1 mile south of the Fort Sutter Viaduct (PM 0.0/0.1). Install fiber optic cable.	0H670 2021-22	R/W: \$100 Con: \$9,000	PA&ED: \$700 PS&E: \$1,000 R/W Sup: \$50 Con Sup: \$1,300	Prior 20-21 20-21 21-22	PA&ED: 6/28/2019 R/W Cert: 7/16/2021 RTL: 8/2/2021 Begin Con: 1/10/2022
Carryover			Subtotal: \$9,100	\$3,050		
			Total Project Cost:	\$12,150		

Program 201.315 Transportation Management Systems
Project Output(s) 14.0 Mile(s) of cable

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0.0	Mile(s) of cable
Post Condition	100.0%		0.0%	14.0	Mile(s) of cable

V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

03-Sacramento-5 22.0/22.9 5865 0317000066	In the city of Sacramento, from south of Broadway to 0.12 mile south of R Street. Highway planting rehabilitation.	2H130 2021-22	R/W: \$10 Con: \$2,500	PA&ED: \$230 PS&E: \$520 R/W Sup: \$80 Con Sup: \$430	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 9/22/2021 RTL: 10/11/2021 Begin Con: 3/30/2022
			Subtotal: \$2,510	\$1,260		
Carryover			Total Project Cost:	\$3,770		

Program 201.210 Highway Planting Restoration
Project Output(s) 16.0 Acre(s)

FACILITIES

03-Sacramento-50 12.5 6255 0319000128	In Rancho Cordova, at the District 3 Regional Transportation Management Center (RTMC) (3165 Gold Valley Drive). Install new Heating Ventilation and Air Conditioning (HVAC) system.	4H970 2022-23	R/W: Con: \$4,300	PA&ED: \$430 PS&E: \$860 R/W Sup: \$20 Con Sup: \$770	20-21 20-21 20-21 22-23	PA&ED: 6/1/2021 R/W Cert: 9/15/2022 RTL: 10/3/2022 Begin Con: 4/3/2023
			Subtotal: \$4,300	\$2,080		
New			Total Project Cost:	\$6,380		

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	34,200.0	0.0	0.0	34,200.0	Square feet
Post Condition	34,200.0	0.0	0.0	34,200.0	Square feet

V4.0 2020 SHOPP Project List
 Sacramento
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Sacramento County

			R/W: \$6,107	PA&ED: \$27,636		
			Const: \$449,850	PS&E: \$47,649		
				R/W Sup: \$4,963		
				Con Sup: \$74,730		
			<hr/>			
			Subtotal: \$455,957		\$154,978	
			Total (Capital + Support):		\$610,935	

V4.0 2020 SHOPP Project List
San Benito
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

05-San Benito-25 18.8/19.1 2697 0516000164	Near Pinnacles National Park, from 0.7 miles north of San Benito Lateral/Old Hernandez Road to 2.4 miles south of Route 146. Improve curve and flatten slope.	1H810 2020-21	R/W: \$363 Con: \$6,150	PA&ED: \$1,181 PS&E: \$1,756 R/W Sup: \$345 Con Sup: \$1,506	Prior Prior Prior 20-21	PA&ED: 12/31/2019 R/W Cert: 6/28/2021 RTL: 6/28/2021 Begin Con: 1/25/2022
<i>Carryover</i>			Subtotal: \$6,513	\$4,788		
			Total Project Cost:	\$11,301		

Program 201.010 Safety Improvements
Project Output(s) 14 Collision(s) reduced

05-San Benito-25 54.0 2746 0517000185	Near Hollister, at the intersection of Route 25 and Route 156. Improve safety by constructing a roundabout.	1J480 2020-21	R/W: \$4 Con: \$7,659	PA&ED: PS&E: \$1,295 R/W Sup: \$215 Con Sup: \$1,455	Prior Prior 20-21	PA&ED: 6/29/2018 R/W Cert: 4/10/2020 RTL: 8/27/2020 Begin Con: 6/10/2021
<i>Carryover</i>			Subtotal: \$7,663	\$2,965		
			Total Project Cost:	\$10,628		

Program 201.010 Safety Improvements
Project Output(s) 76 Collision(s) reduced

San Benito County

R/W:	\$367	PA&ED:	\$1,181
Const:	\$13,809	PS&E:	\$3,051
		R/W Sup:	\$560
		Con Sup:	\$2,961
Subtotal:	\$14,176		\$7,753
Total (Capital + Support):			\$21,929

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

08-San Bernardino-18 20.6/20.9 3012A 0818000070	Near Twin Peaks, from Route 189 to east of Route 189; also on Route 189, from 0.2 mile to 0.3 mile east of Route 18 (PM 0.16/0.26). Repair slope due to recurring erosion. Construct soldier pile wall, replace guardrail with concrete barrier, and upgrade drainage system.	1J550 2021-22	R/W: \$326 Con: \$6,807	PA&ED: \$1,011 PS&E: \$1,498 R/W Sup: \$151 Con Sup: \$1,969	Prior 20-21 20-21 21-22	PA&ED: 2/1/2021 R/W Cert: 4/1/2022 RTL: 5/2/2022 Begin Con: 12/1/2022
<i>Carryover</i>			Subtotal: \$7,133	\$4,629		
			Total Project Cost:	\$11,762		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

08-San Bernardino-15 R21.5/R22.0 3010J 0817000237	Near Hesperia, from 0.1 mile north of the Route 138 Separation to Gish Overhead. Extend deceleration lane leading to southbound offramp.	1J200 2020-21	R/W: \$125 Con: \$4,400	PA&ED: \$775 PS&E: \$1,190 R/W Sup: \$40 Con Sup: \$1,840	Prior 20-21 20-21 20-21	PA&ED: 6/3/2020 R/W Cert: 5/3/2021 RTL: 6/1/2021 Begin Con: 10/11/2021
<i>Carryover</i>			Subtotal: \$4,525	\$3,845		
			Total Project Cost:	\$8,370		

Program 201.010 Safety Improvements
Project Output(s) 44 Collision(s) reduced

**V4.0 2020 SHOPP Project List
San Bernardino**



(\$1,000)

Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-15 174.3/175.7 3010L 0818000117	Near Mountain Pass, from 2.8 miles north of Bailey Road to 0.8 mile south of Nipton Road. Construct median barrier.	1J810 2020-21	R/W: \$10 Con: \$1,125	PA&ED: \$364 PS&E: \$527 R/W Sup: \$21 Con Sup: \$536	Prior 20-21 20-21 20-21	PA&ED: 8/3/2020 R/W Cert: 3/1/2021 RTL: 5/5/2021 Begin Con: 11/1/2021
<i>Carryover</i>			Subtotal: \$1,135	\$1,448		
			Total Project Cost:	\$2,583		

Program 201.010 Safety Improvements
Project Output(s) 14 Collision(s) reduced

08-San Bernardino-138 0.0/2.4 3010F 0817000139	Near Pinon Hills, from Los Angeles County line to 0.5 mile west of Phelan Road. Widen roadway to provide up to 14 foot median, widen shoulders, and construct rumble strips.	1H830 2021-22	R/W: \$10 Con: \$5,890	PA&ED: \$850 PS&E: \$800 R/W Sup: \$75 Con Sup: \$1,500	Prior 20-21 20-21 21-22	PA&ED: 8/10/2020 R/W Cert: 7/1/2021 RTL: 8/16/2021 Begin Con: 2/11/2022
<i>Carryover</i>			Subtotal: \$5,900	\$3,225		
			Total Project Cost:	\$9,125		

Program 201.010 Safety Improvements
Project Output(s) 55 Collision(s) reduced

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-138 R14.8/R15.1 3010W 0817000138	Near Hesperia, from 0.1 mile west to 0.2 mile east of Cajon Creek Bridge; also on Route 15, at 0.2 mile north of Route 138 (PM R21.6). Install traffic signals, realign Cajon Boulevard, widen southbound offramp, add left turn lane, and construct curb ramps.	1H820 2021-22	R/W: \$685 Con: \$2,488	PA&ED: \$570 PS&E: \$1,160 R/W Sup: \$255 Con Sup: \$1,050	Prior Prior Prior 21-22	PA&ED: 8/5/2019 R/W Cert: 8/2/2021 RTL: 9/1/2021 Begin Con: 1/7/2022
<i>Carryover</i>			Subtotal: \$3,173	\$3,035		
			Total Project Cost:	\$6,208		

Program 201.010 Safety Improvements
Project Output(s) 10 Collision(s) reduced

08-San Bernardino-259 1.1/1.2 3016C 0819000102	n the city of San Bernardino, from H Street to Route 210. Construct median barrier.	1K780 2020-21	R/W: \$20 Con: \$491	PA&ED: \$296 PS&E: \$495 R/W Sup: \$17 Con Sup: \$347	Prior 20-21 20-21 20-21	PA&ED: 7/3/2020 R/W Cert: 3/1/2021 RTL: 5/3/2021 Begin Con: 4/4/2022
<i>Carryover</i>			Subtotal: \$511	\$1,155		
			Total Project Cost:	\$1,666		

Program 201.010 Safety Improvements
Project Output(s) 1 Collision(s) reduced

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-Var 3010Y 0817000179 New	In San Bernardino and Riverside Counties, at various locations. Upgrade or install curve warning signs.	1H990 2023-24	R/W: \$10 Con: \$6,940	PA&ED: \$942 PS&E: \$2,102 R/W Sup: \$260 Con Sup: \$4,520	20-21 22-23 22-23 23-24	PA&ED: 8/2/2022 R/W Cert: 1/2/2024 RTL: 2/1/2024 Begin Con: 10/9/2024
			Subtotal: \$6,950	\$7,824		
			Total Project Cost:	\$14,774		

Program 201.015 Collision Severity Reduction
Project Output(s) 10 Collision(s) reduced

08-San Bernardino-15 R96.1/R124.3 3002E 0813000003 Carryover	Near Barstow, from 0.3 mile south of Harvard Road to Razor Road. Regrade and flatten median cross slope.	1C720 2021-22	R/W: \$10 Con: \$15,058	PA&ED: \$890 PS&E: \$920 R/W Sup: \$50 Con Sup: \$3,160	Prior Prior Prior 21-22	PA&ED: 12/29/2017 R/W Cert: 1/3/2022 RTL: 2/1/2022 Begin Con: 11/1/2022
			Subtotal: \$15,068	\$5,020		
			Total Project Cost:	\$20,088		

Program 201.015 Collision Severity Reduction
Project Output(s) 20 Collision(s) reduced

**V4.0 2020 SHOPP Project List
San Bernardino**



(\$1,000)

Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-40 R25.0/R50.0 3007X 0812000028	Near Barstow, from 1.4 miles east of Fort Cady Road Overcrossing to Crucero Road Undercrossing. Regrade median cross slopes.	0R170 2021-22	R/W: \$2,075 Con: \$28,488	PA&ED: \$3,200 PS&E: \$1,900 R/W Sup: \$300 Con Sup: \$3,300	Prior 20-21 20-21 21-22	PA&ED: 10/8/2020 R/W Cert: 1/5/2022 RTL: 2/10/2022 Begin Con: 9/6/2022
<i>Carryover</i>			Subtotal: \$30,563	\$8,700		
			Total Project Cost:	\$39,263		

Program 201.015 Collision Severity Reduction
Project Output(s) 41 Collision(s) reduced

08-San Bernardino-40 R100.0/R125.0 3002W 0815000200	Near Needles, from Essex Road Overcrossing to 4.5 miles east of Homer Wash Bridge. Regrade median cross slopes.	0R141 2020-21	R/W: \$5,006 Con: \$25,500	PA&ED: \$3,300 PS&E: \$2,500 R/W Sup: \$300 Con Sup: \$3,500	Prior Prior Prior 20-21	PA&ED: 7/9/2020 R/W Cert: 5/3/2021 RTL: 6/3/2021 Begin Con: 2/4/2022
<i>Carryover</i>			Subtotal: \$30,506	\$9,600		
			Total Project Cost:	\$40,106		

SB1 Baseline Agreement Required

Program 201.015 Collision Severity Reduction
Project Output(s) 41 Collision(s) reduced

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-15 6.7/R22.3 3007J 0816000098	In and near Rancho Cucamonga and Fontana, from Baseline Avenue to 0.9 mile north of Route 138. Enhance highway worker safety by installing vegetation control, rock blanket, stamped concrete in areas beyond the gore, and quick-change sign post sleeves.	1G880 2022-23	R/W: \$20 Con: \$10,493	PA&ED: \$543 PS&E: \$968 R/W Sup: \$44 Con Sup: \$1,620	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 12/1/2022 RTL: 2/1/2023 Begin Con: 9/1/2023
<i>New</i>			Subtotal: \$10,513	\$3,175		
			Total Project Cost:	\$13,688		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 253 Location(s)

BRIDGE PRESERVATION

08-San Bernardino-40 101.3 3008K 0816000079	Near Needles, at the Halfway Hills Wash Bridge No. 54-0799L/R. Retrofit bridge footings, replace and expand Rock Slope Protection (RSP) limits.	1G830 2021-22	R/W: \$30 Con: \$9,652	PA&ED: \$1,393 PS&E: \$1,903 R/W Sup: \$55 Con Sup: \$2,538	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 11/2/2022
<i>Carryover</i>			Subtotal: \$9,682	\$5,889		
			Total Project Cost:	\$15,571		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 2 Bridge(s)

**Primary Asset
(Scour)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	22,304.0	22,304.0	Square feet
Post Condition	22,304.0	0.0	0.0	22,304.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 54-0799L	Good	Good
Bridge No. 54-0799R	Good	Good

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-66 21.3 3007L 0814000215	In the city of San Bernardino, at Lytle Creek Channel Bridge No. 54-0423; also on Route 215 at Little League Drive Overcrossing Bridge No. 54-0533 (PM 14.9). Upgrade bridge rails and widen bridges.	1F400 2023-24	R/W: \$377 Con: \$6,884	PA&ED: \$697 PS&E: \$2,334 R/W Sup: \$223 Con Sup: \$2,914	20-21 21-22 21-22 23-24	PA&ED: 7/5/2021 R/W Cert: 9/1/2023 RTL: 10/1/2023 Begin Con: 6/1/2024
New			Subtotal: \$7,261	\$6,168		
			Total Project Cost:	\$13,429		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 490.0 Linear feet
2 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	490.0	490.0	Linear feet rail
Post Condition	490.0	0.0	0.0	490.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 54-0423	Good	Good
Bridge No. 54-0533	Fair	Fair

08-San Bernardino-15 2.4 3011R 0818000069	In Ontario, at S15-E10 Connector Overcrossing No. 54-0910F. Seismic retrofit and bridge rail upgrade to make standard.	1J540 2023-24	R/W: \$10 Con: \$15,130	PA&ED: \$840 PS&E: \$1,951 R/W Sup: \$31 Con Sup: \$2,380	20-21 21-22 21-22 23-24	PA&ED: 1/3/2022 R/W Cert: 7/1/2023 RTL: 8/1/2023 Begin Con: 3/3/2024
New			Subtotal: \$15,140	\$5,202		
			Total Project Cost:	\$20,342		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

**Primary Asset
(Seismic)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	86,219.0	86,219.0	Square feet
Post Condition	86,219.0	0.0	0.0	86,219.0	Square feet

Bridge Health Existing Condition Post Condition

Bridge No. 54-0910F	Fair	Fair
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V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-18 95.4 3006C 0815000192	In Victorville, at Mojave River Bridge No. 54-0307; also on Route 10, at Colton Overhead No. 54-0464R (PM R22.36); and Route 215 North/Route 10 East Connector Overhead No. 54-0482G (PM 3.72). Various repairs to three bridges.	1G280 2021-22	R/W: \$62 Con: \$2,639	PA&ED: \$320 PS&E: \$780 R/W Sup: \$100 Con Sup: \$690	Prior Prior Prior 21-22	PA&ED: 4/1/2020 R/W Cert: 10/15/2021 RTL: 11/16/2021 Begin Con: 7/15/2022
Carryover			Subtotal: \$2,701	\$1,890		
			Total Project Cost:	\$4,591		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 3 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	24,000.0	0.0	24,000.0	Square feet
Post Condition	24,000.0	0.0	0.0	24,000.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 54-0307	Fair	Good
Bridge No. 54-0464R	Fair	Fair
Bridge No. 54-0482G	Good	Good

ROADWAY PRESERVATION

08-San Bernardino-18 90.9/R96.6 3011J 0818000016	In Apple Valley and Victorville, from Apple Valley Inn Road/Dale Evans Parkway to Route 15. Rehabilitate pavement, rehabilitate drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade signs.	1J300 2023-24	R/W: \$241 Con: \$14,801	PA&ED: \$1,867 PS&E: \$2,357 R/W Sup: \$117 Con Sup: \$3,303	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 10/2/2023 RTL: 1/2/2024 Begin Con: 9/16/2024
New			Subtotal: \$15,042	\$7,644		
			Total Project Cost:	\$22,686		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 20.7 Lane mile(s)

Primary Asset

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	20.7	20.7	Lane mile(s)
Post Condition	20.7	0.0	0.0	20.7	Lane mile(s)

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-18 100.9/115.9 3007M 0816000020	In and near Adelanto, from Route 395 Junction to Los Angeles County line. Cold plane pavement and place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement.	1G520 2020-21	R/W: \$65 Con: \$16,442	PA&ED: \$564 PS&E: \$1,588 R/W Sup: \$77 Con Sup: \$2,366	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 4/1/2021 RTL: 5/3/2021 Begin Con: 2/1/2022
Carryover			Subtotal: \$16,507	\$4,595		
			Total Project Cost:	\$21,102		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 37.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	37.8	0.0	37.8	Lane mile(s)
Post Condition	37.8	0.0	0.0	37.8	Lane mile(s)

08-San Bernardino-40 0.0/R15.0 3012K 0818000099	In and near Barstow, from Route 15 to 3.4 miles west of National Trails Highway; also on Main Street spur (PM S0.0/S0.8). Pavement rehabilitation, upgrade signs and lighting, upgrade curb ramps to Americans with Disabilities Act (ADA) standards, and upgrade safety devices.	1J720 2023-24	R/W: \$235 * Con: \$41,230	PA&ED: \$1,132 PS&E: \$1,400 R/W Sup: \$756 * Con Sup: \$3,686	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 11/1/2023 RTL: 1/3/2024 Begin Con: 10/1/2024
New	(G13 Contingency)		Subtotal: \$41,465	\$6,974		
			Total Project Cost:	\$48,439		
			* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	60.8 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	60.8	0.0	60.8	Lane mile(s)
Post Condition	60.8	0.0	0.0	60.8	Lane mile(s)

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-66 20.1/23.2 3007P 0816000048	In San Bernardino, from Pepper Avenue to H Street (PM 20.14/23.156). Rehabilitate pavement and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1G660 2023-24	R/W: \$525 Con: \$11,465	PA&ED: \$1,073 PS&E: \$1,538 R/W Sup: \$1,941 Con Sup: \$1,362	20-21 22-23 22-23 23-24	PA&ED: 6/1/2022 R/W Cert: 12/1/2023 RTL: 2/1/2024 Begin Con: 11/1/2024
New			Subtotal: \$11,990	\$5,914		
			Total Project Cost:	\$17,904		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 12.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.5	0.0	12.5	Lane mile(s)
Post Condition	12.5	0.0	0.0	12.5	Lane mile(s)

08-San Bernardino-83 7.6/11.1 3011G 0818000013	In Ontario, from south of Cedar Street to Route 10. Rehabilitate pavement and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1J280 2023-24	R/W: \$646 * Con: \$23,449	PA&ED: \$3,342 PS&E: \$5,553 R/W Sup: \$1,772 * Con Sup: \$5,797	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 5/1/2024 RTL: 6/3/2024 Begin Con: 3/3/2025
New	(G13 Contingency)		Subtotal: \$24,095	\$16,464		
			Total Project Cost:	\$40,559		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 17.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	17.9	0.0	17.9	Lane mile(s)
Post Condition	17.9	0.0	0.0	17.9	Lane mile(s)

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-215 3.6/6.0 3011U 0818000086	In the cities of Colton and San Bernardino, from south of Route 10 to Mill Street. Rehabilitate pavement, upgrade safety devices, upgrade facilities to Americans with Disabilities Act (ADA) standards, and enhance highway worker safety.	1J630 2022-23	R/W: \$22 Con: \$15,718	PA&ED: \$645 PS&E: \$1,205 R/W Sup: \$129 Con Sup: \$2,030	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 10/3/2022 RTL: 4/3/2023 Begin Con: 11/17/2023
New			Subtotal: \$15,740	\$4,009		
			Total Project Cost:	\$19,749		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	18.0	0.0	18.0	Lane mile(s)
Post Condition	18.0	0.0	0.0	18.0	Lane mile(s)

08-San Bernardino-247 0.0/23.0 3011F 0818000014	In and near Yucca Valley, from Route 62 to north of Gin Road. Rehabilitate pavement and widen shoulders.	1J270 2023-24	R/W: \$787 Con: \$17,951	PA&ED: \$1,494 PS&E: \$2,073 R/W Sup: \$2,090 Con Sup: \$1,881	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 3/1/2024 RTL: 4/2/2024 Begin Con: 1/3/2025
New			Subtotal: \$18,738	\$7,538		
			Total Project Cost:	\$26,276		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 47.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	47.5	0.0	47.5	Lane mile(s)
Post Condition	47.5	0.0	0.0	47.5	Lane mile(s)

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-395 R4.0/49.0 3009H 0816000046	In and near Hesperia, Victorville, and Adelanto, from Route 15 to 3.1 miles north of Route 58. Rehabilitate pavement (PM R3.981/11.2 and PM 16.6/35.5), install Changeable Message Signs (CMS), upgrade guardrail and sign panels, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1G640 2022-23	R/W: \$363 Con: \$33,877	PA&ED: \$945 PS&E: \$2,095 R/W Sup: \$394 Con Sup: \$3,837	20-21 21-22 21-22 22-23	PA&ED: 1/3/2022 R/W Cert: 3/3/2023 RTL: 4/3/2023 Begin Con: 12/4/2023
New			Subtotal: \$34,240 Total Project Cost:	\$7,271 \$41,511		

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 60.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	60.7	0.0	60.7	Lane mile(s)
Post Condition	60.7	0.0	0.0	60.7	Lane mile(s)

08-San Bernardino-18 T8.0/R17.8 0184C 0815000184	In and near Arrowhead, from 48th Street to Route 138. Repair, reline and replace culverts.	0G691 2021-22	R/W: \$385 Con: \$7,185	PA&ED: \$742 PS&E: \$1,090 R/W Sup: \$1,240 Con Sup: \$1,059	Prior 20-21 20-21 21-22	PA&ED: 3/16/2020 R/W Cert: 11/5/2021 RTL: 12/6/2021 Begin Con: 8/15/2022
Carryover			Subtotal: \$7,570 Total Project Cost:	\$4,131 \$11,701		

Program 201.151 Drainage System Restoration
Project Output(s) 63 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	3,419.5	2,917.4	1,775.7	8,112.6	Linear feet
Post Condition	8,112.6	0.0	0.0	8,112.6	Linear feet

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-18 34.0/44.3 3011K 0818000018	Near Big Bear Lake, from Arrowbear Drive to Route 38. Rehabilitate culverts and install Changeable Message Sign (CMS).	1J310 2023-24	R/W: \$452 Con: \$4,988	PA&ED: \$1,156 PS&E: \$1,260 R/W Sup: \$23 Con Sup: \$1,742	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 11/15/2023 RTL: 12/15/2023 Begin Con: 8/8/2024
<i>New</i>			Subtotal: \$5,440	\$4,181		
			Total Project Cost:	\$9,621		

Program 201.151 Drainage System Restoration
Project Output(s) 26 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,071.0	2,071.0	Linear feet
Post Condition	2,071.0	0.0	0.0	2,071.0	Linear feet

08-San Bernardino-18 44.3/68.5 0181J 0812000110	Near Big Bear and Lucerne Valley, at various locations, from Route 38 at Big Bear Lake Dam to Artic Canyon Wash. Reline or replace culverts.	0G690 2021-22	R/W: \$700 Con: \$4,107	PA&ED: \$1,192 PS&E: \$1,493 R/W Sup: \$2,708 Con Sup: \$1,417	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 12/1/2021 RTL: 1/18/2022 Begin Con: 10/3/2022
<i>Carryover</i>			Subtotal: \$4,807	\$6,810		
			Total Project Cost:	\$11,617		

Program 201.151 Drainage System Restoration
Project Output(s) 41 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	556.8	2,501.6	3,058.4	Linear feet
Post Condition	3,058.4	0.0	0.0	3,058.4	Linear feet

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

08-San Bernardino-Var 3012M 0818000121	Near Barstow, Needles, Yucca Valley, and Vidal Junction on Routes 40, 58, 62, and 95 at various locations; also in Riverside County, on Route 62 near Desert Center at Route 177 (PM 82.5/87.5). Install Changeable Message Signs (CMS), guardrail shielding, and Maintenance Vehicle Pullouts (MVPs).	1J840 2022-23	R/W: \$10 Con: \$12,793	PA&ED: \$1,028 PS&E: \$1,493 R/W Sup: \$109 Con Sup: \$1,634	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 1/5/2023 RTL: 2/6/2023 Begin Con: 10/3/2023
			Subtotal: \$12,803	\$4,264		
			Total Project Cost:	\$17,067		

Program 201.315 Transportation Management Systems
Project Output(s) 17 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	17	Field element(s)
Post Condition	100.0%		0.0%	17	Field element(s)

08-San Bernardino-Var 3012N 0818000122	In San Bernardino County, on various routes at various locations. Install Changeable Message Signs (CMS).	1J850 2022-23	R/W: \$30 Con: \$14,374	PA&ED: \$1,345 PS&E: \$1,461 R/W Sup: \$101 Con Sup: \$2,620	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 1/2/2023 RTL: 2/1/2023 Begin Con: 10/5/2023
			Subtotal: \$14,404	\$5,527		
			Total Project Cost:	\$19,931		

Program 201.315 Transportation Management Systems
Project Output(s) 20 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0	Field element(s)
Post Condition	100.0%		0.0%	20	Field element(s)

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-Var 3012P 0818000123 New	In San Bernardino County on routes 10, 15, 40, 58, 60, 210, and 215 at various locations. Upgrade Changeable Message Signs (CMS).	1J860 2022-23	R/W: \$20 Con: \$15,640	PA&ED: \$1,061 PS&E: \$1,727 R/W Sup: \$223 Con Sup: \$3,212	20-21 20-21 20-21 22-23	PA&ED: 5/1/2021 R/W Cert: 8/1/2022 RTL: 9/1/2022 Begin Con: 7/3/2023
			Subtotal: \$15,660	\$6,223		
			Total Project Cost:	\$21,883		

Program 201.315 Transportation Management Systems
Project Output(s) 42 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	42	Field element(s)
Post Condition	100.0%		0.0%	42	Field element(s)

08-San Bernardino-15 R20.6/R20.9 3006U 0817000032 Carryover	Near Hesperia, from 0.6 mile north of Cleghorn Road Undercrossing to 0.5 mile south of Route 138 at the southbound Cajon Truck Facility; also from 0.5 mile south of Cajon Summit to 1.8 miles south of Oak Hill Road (PM R25.5L/R26.8L). Construct new southbound weigh station and truck safety inspection facility at Cajon Pass and perform demo work at previous location, which was destroyed by the Blue Cut Fire.	1H390 2021-22	R/W: \$20 Con: \$11,010	PA&ED: \$286 PS&E: \$2,400 R/W Sup: \$110 Con Sup: \$3,300	Prior 20-21 20-21 21-22	PA&ED: 2/3/2020 R/W Cert: 5/7/2021 RTL: 8/2/2021 Begin Con: 4/1/2022
			Subtotal: \$11,030	\$6,096		
			Total Project Cost:	\$17,126		

Program 201.321 Weigh Stations
Project Output(s) 1 Location(s)

**V4.0 2020 SHOPP Project List
San Bernardino**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-40 R28.9 3007N 0816000035	Near Newberry Springs, at 5.6 miles east of Fort Cady Road Overcrossing. Replace the existing Weigh-in-Motion (WIM) system to meet current standards.	1G550 2020-21	R/W: \$11 Con: \$2,136	PA&ED: \$310 PS&E: \$593 R/W Sup: \$32 Con Sup: \$664	Prior Prior Prior 20-21	PA&ED: 10/1/2019 R/W Cert: 9/1/2020 RTL: 10/1/2020 Begin Con: 6/4/2021
Carryover			Subtotal: \$2,147	\$1,599		
			Total Project Cost:	\$3,746		

Program 201.321 Weigh Stations
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1.0	1.0	Each
Post Condition	1.0	0.0	0.0	1.0	Each

ROADSIDE PRESERVATION

08-San Bernardino-15 160.9/161.5 3011M 0818000019	Near Mountain Pass, at the Valley Wells Safety Roadside Rest Area (SRRRA). Rehabilitate and upgrade the water and wastewater systems at the northbound and southbound SRRRA locations.	1J330 2023-24	R/W: \$20 Con: \$13,959	PA&ED: \$603 PS&E: \$1,699 R/W Sup: \$13 Con Sup: \$1,981	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 8/1/2023 RTL: 12/1/2023 Begin Con: 8/1/2024
New			Subtotal: \$13,979	\$4,296		
			Total Project Cost:	\$18,275		

Program 201.250 Safety Roadside Rest Area Restoration
Project Output(s) 2 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-40 R105.1/R105.9 3013K 0819000050	Near Needles, at the John Wilkie Safety Roadside Rest Area (SRRA). Reconstruct SRRA and upgrade water and wastewater systems.	1K490 2022-23	R/W: \$22 Con: \$31,601	PA&ED: \$1,177 PS&E: \$2,804 R/W Sup: \$55 Con Sup: \$6,037	20-21 21-22 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 12/1/2022 RTL: 5/1/2023 Begin Con: 12/6/2023
New			Subtotal: \$31,623	\$10,073		
			Total Project Cost:	\$41,696		

SB1 Baseline Agreement Required

Program 201.250 Safety Roadside Rest Area Restoration
Project Output(s) 4 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4.0	4.0	Each
Post Condition	4.0	0.0	0.0	4.0	Each

San Bernardino County

R/W:	\$13,330	PA&ED:	\$35,953
Const:	\$434,711	PS&E:	\$54,857
		R/W Sup:	\$13,812
		Con Sup:	\$79,792
Subtotal:	\$448,041		\$184,414
Total (Capital + Support):			\$632,455

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

11-San Diego-5	Near Oceanside, from Fallbrook	43001	R/W: \$11	PA&ED: \$660	Prior	PA&ED: 10/15/2019
R55.6/R70.0	Overhead to 1.0 mile south of San	2020-21	Con: \$5,917	PS&E: \$917	Prior	R/W Cert: 5/27/2020
1265	Onofre Bridge. Install cable safety			R/W Sup:		RTL: 6/24/2020
1117000116	barrier.			Con Sup: \$988	20-21	Begin Con: 3/8/2021
			Subtotal: \$5,928	\$2,565		
<i>Carryover</i>			Total Project Cost:	\$8,493		

Program 201.015 Collision Severity Reduction
Project Output(s) 8 Collision(s) reduced

11-San Diego-8	In San Diego County, on Routes 8, 67,	42460	R/W:	PA&ED: \$526	Prior	PA&ED: 11/1/2019
	79, and 94 at various locations.	2020-21	Con: \$4,552	PS&E: \$1,046	Prior	R/W Cert: 3/27/2020
1189	Widen and grade existing hinges at			R/W Sup:		RTL: 6/12/2020
1116000075	end treatment platforms and to			Con Sup: \$824	20-21	Begin Con: 12/30/2020
			Subtotal: \$4,552	\$2,396		
<i>Carryover</i>			Total Project Cost:	\$6,948		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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11-San Diego-8 13.4/R20.4 1146 1119000177 <i>Carryover</i>	In El Cajon, at various locations, from Grossmont Boulevard to 0.4 mile east of Los Coches Road. Construct Maintenance Vehicle Pullouts (MVPs), pave beyond gore areas, install sign post support systems, relocate irrigation controllers and reduce high maintenance landscaping.	4116U 2020-21	R/W: Con: \$5,356	PA&ED: \$444 PS&E: \$1,202 R/W Sup: Con Sup: \$1,122	Prior Prior 20-21	PA&ED: 5/3/2019 R/W Cert: 7/2/2020 RTL: 8/7/2020 Begin Con: 12/22/2020
			Subtotal: \$5,356	\$2,768		
			Total Project Cost:	\$8,124		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 99 Location(s)

11-San Diego-52 0.4/5.7 1219 1112000155 <i>Carryover</i>	In the city of San Diego, from 0.1 mile east of Route 5 to 0.2 mile east of Convoy Street; also on Route 805 from 0.2 mile south of Route 52 to Governor Drive (PM 23.5/24.4). Construct Maintenance Vehicle Pullouts (MVPs), pave slopes under bridge structures, pave narrow areas, upgrade irrigation controllers, replace signs, and pave beyond gores.	41180 2020-21	R/W: Con: \$3,296	PA&ED: \$394 PS&E: \$1,118 R/W Sup: Con Sup: \$539	Prior Prior 20-21	PA&ED: 9/6/2019 R/W Cert: 8/7/2020 RTL: 9/25/2020 Begin Con: 2/17/2021
			Subtotal: \$3,296	\$2,051		
			Total Project Cost:	\$5,347		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 52 Location(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY		Milestones
11-San Diego-56 0.3/9.7 1251 1112000157	In the city of San Diego, from El Camino Real Undercrossing to Route 56/15 Separation. Pave beyond gore areas, relocate irrigation control valve boxes, construct rumble strip.	41190 2021-22	R/W: Con: \$2,007	PA&ED: \$284 PS&E: \$629 R/W Sup: Con Sup: \$429	Prior 20-21 21-22		PA&ED: 5/15/2020 R/W Cert: 3/25/2021 RTL: 7/12/2021 Begin Con: 1/4/2022
Carryover			Subtotal: \$2,007	\$1,342			
			Total Project Cost:	\$3,349			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 106 Location(s)

11-San Diego-94 4.4/7.3 1253 1112000160	In the cities of San Diego and Lemon Grove, at various locations from 0.2 mile west of 47th Street Overcrossing to 0.6 mile west of College Avenue Undercrossing. Construct Maintenance Vehicle Pullouts (MVPs), pave areas beyond gore, upgrade guardrail, install concrete barrier/crash cushions, relocate irrigation/electrical equipment and upgrade curb ramps to current Americans with Disabilities Act (ADA) standards.	41220 2020-21	R/W: Con: \$2,973	PA&ED: \$340 PS&E: \$901 R/W Sup: Con Sup: \$858	Prior Prior 20-21		PA&ED: 9/6/2019 R/W Cert: 9/23/2020 RTL: 9/30/2020 Begin Con: 2/12/2021
Carryover			Subtotal: \$2,973	\$2,099			
			Total Project Cost:	\$5,072			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 38 Location(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-125 9.6/13.2 1141 1112000143 Carryover	In the cities of Lemon Grove and San Diego, from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct Maintenance Vehicle Pullouts (MVPs), pave beyond gore areas, replace crash cushions, replace guardrail, install access gates, add smart irrigation controllers, relocate irrigation equipment and remove high maintenance landscaping.	41140 2020-21	R/W: \$5,074 Con:	PA&ED: \$431 PS&E: \$864 R/W Sup: Con Sup: \$1,660	Prior Prior 20-21	PA&ED: 6/26/2019 R/W Cert: 7/16/2020 RTL: 9/3/2020 Begin Con: 3/1/2021
			Subtotal: \$5,074	\$2,955		
			Total Project Cost:	\$8,029		
					Roadside Safety Improvements/Freeway	
					Program 201.235 Maintenance Access	
					Project Output(s) 109 Location(s)	
11-San Diego-805 20.7/23.5 1142 1112000144 Carryover	In the city of San Diego, at various locations, from Linda Vista Road Overcrossing to Route 805/52 Separation. Construct Maintenance Vehicle Pullouts (MVPs), install access gates, pave beyond gore areas, reduce high maintenance landscaping, relocate irrigation controls, and upgrade crash cushions.	41150 2020-21	R/W: \$50 Con: \$6,542	PA&ED: \$453 PS&E: \$1,033 R/W Sup: \$26 Con Sup: \$1,038	Prior Prior Prior 20-21	PA&ED: 5/16/2019 R/W Cert: 10/27/2020 RTL: 12/15/2020 Begin Con: 5/28/2021
			Subtotal: \$6,592	\$2,550		
			Total Project Cost:	\$9,142		
					Roadside Safety Improvements/Freeway	
					Program 201.235 Maintenance Access	
					Project Output(s) 97 Location(s)	

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

11-San Diego-5 R31.8/R32.2 1203 1115000173	In the city of San Diego, from Carmel Mountain Road Undercrossing to 0.05 mile west of Route 5/56 Separation. Stabilize existing slopes and landscaping from further erosion and sediment deposition into the Los Penasquitos Lagoon.	42200 2020-21	R/W: Con: \$1,533	PA&ED: \$283 PS&E: \$632 R/W Sup: Con Sup: \$892	Prior Prior 20-21	PA&ED: 4/17/2020 R/W Cert: 2/24/2021 RTL: 4/16/2021 Begin Con: 11/2/2021
<i>Carryover</i>			Subtotal: \$1,533	\$1,807		
			Total Project Cost:	\$3,340		

Program 201.335 Storm Water Mitigation
Project Output(s) 10.0 Acre(s) treated/pollutant

11-San Diego-8 3.0/8.5 1227 1116000154	In the city of San Diego, from Mission Center Road to College Avenue. Construct and upgrade pedestrian curb ramps to meet Americans with Disabilities Act (ADA) standards. Replaced damaged sidewalk and install accessible pedestrian signals.	42710 2021-22	R/W: \$25 Con: \$1,107	PA&ED: \$326 PS&E: \$1,148 R/W Sup: Con Sup: \$545	Prior 20-21 21-22	PA&ED: 7/20/2020 R/W Cert: 10/1/2021 RTL: 11/19/2021 Begin Con: 4/15/2022
<i>Carryover</i>			Subtotal: \$1,132	\$2,019		
			Total Project Cost:	\$3,151		

Program 201.361 Americans with Disabilities Act New Curb Ramps
Project Output(s) 18 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	17.0	17.0	Each
Post Condition	18.0	0.0	0.0	18.0	Each

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-94 2.6/R11.1 1191 1116000077	In and near the cities of San Diego and Lemon Grove, from 32nd Street Undercrossing to Bancroft Drive Undercrossing. Construct and upgrade pedestrian curb ramps and sidewalks to meet current standards.	42510 2020-21	R/W: \$110 Con: \$1,834	PA&ED: \$776 PS&E: \$1,378 R/W Sup: \$134 Con Sup: \$703	Prior Prior Prior 20-21	PA&ED: 9/13/2019 R/W Cert: 7/10/2020 RTL: 8/28/2020 Begin Con: 1/8/2021
<i>Carryover</i>			Subtotal: \$1,944	\$2,991		
			Total Project Cost:	\$4,935		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 28 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	13.0	13.0	Each
Post Condition	28.0	0.0	0.0	28.0	Each

11-San Diego-805 3.5/13.1 1248 1117000045	In various cities, from Main Street/Auto Park Drive Undercrossing to Market Street Overcrossing. Construct and upgrade pedestrian curb ramps to meet Americans with Disabilities Act (ADA) standards.	42900 2021-22	R/W: \$12 Con: \$3,098	PA&ED: \$843 PS&E: \$1,960 R/W Sup: Con Sup: \$1,189	Prior 20-21 21-22	PA&ED: 5/18/2020 R/W Cert: 2/3/2021 RTL: 10/27/2021 Begin Con: 6/27/2022
<i>Carryover</i>	Replace pedestrian signal heads, push buttons and relocate pull boxes, light poles and controller cabinet.		Subtotal: \$3,110	\$3,992		
			Total Project Cost:	\$7,102		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 49 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	45.0	45.0	Each
Post Condition	49.0	0.0	0.0	49.0	Each

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

11-San Diego-8 2.2 1256 1116000045	In the city of San Diego, at the east Route 8 to south Route 163 Connector Overcrossing No. 57 -0355G. Bridge rail replacement.	26410 2020-21	R/W: Con: \$1,867	PA&ED: \$374 PS&E: \$969 R/W Sup: Con Sup: \$848	Prior Prior 20-21	PA&ED: 11/8/2019 R/W Cert: 1/29/2021 RTL: 3/26/2021 Begin Con: 8/27/2021
			Subtotal: \$1,867	\$2,191		
<i>Carryover</i>			Total Project Cost:	\$4,058		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 318.0 Linear feet
1 Bridge(s)

Primary Asset

(Bridge Rail)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	318.0	318.0	Linear feet rail
Post Condition	318.0	0.0	0.0	318.0	Linear feet rail

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 57-0355G Good Good

11-San Diego-8 13.0/16.4 1339 1118000197	In and near El Cajon, from Grossmont Boulevard to Mollison Avenue at various locations. Rehabilitate three bridge decks.	43043 2021-22	R/W: Con: \$20,735	PA&ED: \$390 PS&E: \$1,974 R/W Sup: Con Sup: \$4,031	Prior Prior 21-22	PA&ED: 5/20/2020 R/W Cert: 10/19/2021 RTL: 11/19/2021 Begin Con: 3/17/2022
			Subtotal: \$20,735	\$6,395		
<i>Carryover</i>			Total Project Cost:	\$27,130		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 3 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	109,864.0	0.0	109,864.0	Square feet
Post Condition	109,864.0	0.0	0.0	109,864.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 57-0362 Fair Good
Bridge No. 57-0365 Fair Good
Bridge No. 57-0369 Fair Good

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

11-San Diego-15 R31.3/R37.1 1350 1119000008	In and near Escondido, from 0.2 mile south of Route 78 to 0.5 mile north of Deer Springs Road. Rehabilitate pavement by replacing sections of the existing pavement and the outside shoulder with Continuously reinforced Concrete Pavement (CRCP), pavement slab replacement, bridge approach slab replacement, bridge joint seal work, and sign panel replacement.	43051 2020-21	R/W: Con: \$55,420	PA&ED: \$2,749 PS&E: \$5,497 R/W Sup: \$200 Con Sup: \$10,994	Prior Prior Prior 20-21	PA&ED: 10/1/2019 R/W Cert: 1/8/2021 RTL: 4/26/2021 Begin Con: 3/18/2022
<i>Carryover</i>			Subtotal: \$55,420	\$19,440		
			Total Project Cost:	\$74,860		

SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 12.1 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.1	0.0	12.1	Lane mile(s)
Post Condition	12.1	0.0	0.0	12.1	Lane mile(s)

11-San Diego-52 5.1/8.7 1302 1118000079	In San Diego, from 0.4 mile west of Convoy Street Overcrossing (OC) to Santo Road OC. Roadway rehabilitation to mitigate highway settlement, construct auxiliary lane, transportation management systems, lighting, and roadside safety improvements.	43025 2021-22	R/W: \$15 * Con: \$33,738	PA&ED: \$2,066 PS&E: \$3,452 R/W Sup: \$45 * Con Sup: \$5,654	Prior 20-21 20-21 21-22	PA&ED: 9/30/2020 R/W Cert: 11/29/2021 RTL: 4/18/2022 Begin Con: 7/29/2022
<i>Carryover</i>			Subtotal: \$33,753	\$11,217		
			Total Project Cost:	\$44,970		

** Construction Capital and * Construction Support phases are NOT authorized*

SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 7.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	7.8	0.0	7.8	Lane mile(s)
Post Condition	0.0	7.8	0.0	7.8	Lane mile(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-67 R6.0/24.4 1344 1119000015	Near Lakeside and Ramona, from 0.2 mile north of San Diego River Bridge to Route 78. Rehabilitate asphalt pavement, drainage system restoration, curb ramp upgrades, guardrail upgrades, and enhance crosswalk visibility.	43056 2020-21	R/W: Con: \$26,891	PA&ED: \$807 PS&E: \$2,690 R/W Sup: \$85 Con Sup: \$5,110	Prior Prior Prior 20-21	PA&ED: 12/13/2019 R/W Cert: 5/5/2020 RTL: 7/10/2020 Begin Con: 10/2/2020
Carryover			Subtotal: \$26,891	\$8,692		
			Total Project Cost:		\$35,583	

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 49.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.8	48.9	0.0	49.8	Lane mile(s)
Post Condition	49.8	0.0	0.0	49.8	Lane mile(s)

11-San Diego-5 R0.3/R36.0 1301 1118000103	In and near the cities of San Diego, Chula Vista, and National City, from Camino De La Plaza Overcrossing to south of Via De La Valle; also at the Otay Mesa Commercial Vehicle Enforcement Facility (CVEF) at 2335 Enrico Fermi Drive. Rehabilitate pavement, drainage, and signs, upgrade Transportation Management System (TMS) elements, and make improvements at the CVEF.	43033 2022-23	R/W: \$105 Con: \$80,040	PA&ED: \$3,331 PS&E: \$6,915 R/W Sup: \$830 Con Sup: \$9,357	20-21 21-22 21-22 22-23	PA&ED: 6/30/2022 R/W Cert: 1/27/2023 RTL: 2/1/2023 Begin Con: 7/28/2023
New			Subtotal: \$80,145	\$20,433		
			Total Project Cost:		\$100,578	

SB1 Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 67.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	4.2	62.2	1.5	67.9	Lane mile(s)
Post Condition	67.9	0.0	0.0	67.9	Lane mile(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-54 0.0/6.4 1188 1116000068	In and near National City and Chula Vista, from Route 54/5 Separation to the Route 54/125 Junction. Rehabilitate flexible and rigid pavement on the traveled way, shoulders, ramps and connectors, upgrade guardrail and dike.	42480 2021-22	R/W: \$297 Con: \$21,329	PA&ED: \$709 PS&E: \$2,260 R/W Sup: \$24 Con Sup: \$2,513	Prior Prior Prior 21-22	PA&ED: 2/7/2020 R/W Cert: 8/31/2021 RTL: 10/22/2021 Begin Con: 5/20/2022
Carryover			Subtotal: \$21,626 Total Project Cost:	\$5,506 \$27,132		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 43.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	43.2	0.0	43.2	Lane mile(s)
Post Condition	43.2	0.0	0.0	43.2	Lane mile(s)

11-San Diego-78 0.0/N17.7 1319 1118000128	In and near Oceanside, Vista, San Marcos, and Escondido from Route 5 to North Broadway. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, upgrade bridge rail, upgrade Transportation Management System (TMS) elements, replace damaged sign panels, upgrade safety features, and make operational improvements to reduce delay.	43040 2022-23	R/W: \$2,050 Con: \$104,263	PA&ED: \$6,804 PS&E: \$8,824 R/W Sup: \$876 Con Sup: \$14,884	20-21 21-22 21-22 22-23	PA&ED: 3/1/2022 R/W Cert: 5/3/2023 RTL: 5/17/2023 Begin Con: 10/2/2023
New			Subtotal: \$106,313 Total Project Cost:	\$31,388 \$137,701		

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 80.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	76.9	3.5	80.4	Lane mile(s)
Post Condition	80.4	0.0	0.0	80.4	Lane mile(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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11-San Diego-125 12.9/22.3 1257 1116000061 Carryover	In and near La Mesa, El Cajon, Lemon Grove, and Santee, from the southern Route 94 Separation to Mission Gorge Road; also on Route 94 from the western Route 125 Separation to the eastern Route 125 Separation (PM R9.8/R10.6). Rehabilitate pavement by grinding and replacing concrete slabs and cold plane and overlay shoulders with Rubberized Hot Mix Asphalt (RHMA-G). (G13 Contingency)	42380 2021-22	R/W: \$252	PA&ED: \$1,383	Prior	PA&ED: 11/15/2019
			* Con: \$34,185	PS&E: \$2,541	Prior	R/W Cert: 8/2/2021
				R/W Sup: \$53	Prior	RTL: 9/22/2021
				* Con Sup: \$3,863	21-22	Begin Con: 4/19/2022
			Subtotal: \$34,437	\$7,840		
			Total Project Cost:	\$42,277		
* Construction Capital and * Construction Support phases are NOT authorized						
SBI Baseline Agreement Required						
Program 201.121 Pavement Rehabilitation (CAPM)						
Project Output(s) 49.5 Lane mile(s)						

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	49.1	0.4	49.5	Lane mile(s)
Post Condition	49.5	0.0	0.0	49.5	Lane mile(s)

11-San Diego-8 R31.8/R41.7 1255 1116000059 Carryover	Near Alpine, from Viejas Creek Bridge to Pine Valley Creek Bridge. Grind, remove and replace Jointed Plain Concrete Pavement (JPCP) lanes, remove and replace asphalt concrete outside shoulders and cold plane and overlay inside shoulders. Upgrade guardrail, replace approach/departure slabs and construct rumble strips.	42370 2021-22	R/W: \$43,768	PA&ED: \$936	Prior	PA&ED: 5/1/2019
			Con: \$43,768	PS&E: \$3,276	Prior	R/W Cert: 1/8/2021
				R/W Sup: \$5,479	21-22	RTL: 7/13/2021
				Con Sup: \$5,479	21-22	Begin Con: 12/22/2021
			Subtotal: \$43,768	\$9,691		
			Total Project Cost:	\$53,459		
Program 201.122 Roadway Rehabilitation (2R)						
Project Output(s) 22.8 Lane mile(s)						

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	22.8	0.0	22.8	Lane mile(s)
Post Condition	22.8	0.0	0.0	22.8	Lane mile(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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11-San Diego-125 10.0/13.0 1310 1118000033	In and near Lemon Grove, from 0.1 mile north of Jamacha Boulevard Overcrossing to Route 94. Pavement rehabilitation.	43024 2021-22	R/W: \$120	PA&ED: \$3,071	Prior	PA&ED: 7/10/2020
			* Con: \$54,357	PS&E: \$5,557	Prior	R/W Cert: 11/29/2021
				R/W Sup: \$317	Prior	RTL: 2/18/2022
				* Con Sup: \$9,027	21-22	Begin Con: 7/18/2022

Subtotal: \$54,477 \$17,972
Total Project Cost: \$72,449

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 11.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	11.5	0.0	11.5	Lane mile(s)
Post Condition	11.5	0.0	0.0	11.5	Lane mile(s)

11-San Diego-805 0.1/14.6 1311 1118000029	In and near the cities of San Diego, Chula Vista, and National City, from south of Route 5 (PM 0.149) to Route 15. Rehabilitate roadway, rehabilitate culverts, construct auxiliary lanes, upgrade safety devices, enhance highway worker safety, upgrade lighting, and make bicycle and pedestrian improvements.	43023 2023-24	R/W: \$1,305	PA&ED: \$6,652	20-21	PA&ED: 5/16/2022
			* Con: \$141,386	PS&E: \$16,138	22-23	R/W Cert: 4/30/2024
				R/W Sup: \$1,660	22-23	RTL: 5/31/2024
				* Con Sup: \$26,098	23-24	Begin Con: 12/6/2024

Subtotal: \$142,691 \$50,548
Total Project Cost: \$193,239

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 71.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	71.6	0.0	71.6	Lane mile(s)
Post Condition	71.6	0.0	0.0	71.6	Lane mile(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-8 R23.0/R61.3 1194 1115000178	In San Diego County, from 0.7 mile west of Flinn Springs Road Undercrossing to 0.2 mile east of Crestwood Road Undercrossing. Rehabilitate culverts and energy dissipaters.	42210 2020-21	R/W: \$50 Con: \$6,573	PA&ED: \$1,077 PS&E: \$1,246 R/W Sup: \$319 Con Sup: \$1,636	Prior Prior Prior 20-21	PA&ED: 6/28/2019 R/W Cert: 7/2/2020 RTL: 8/20/2020 Begin Con: 4/14/2021
Carryover			Subtotal: \$6,623	\$4,278		
			Total Project Cost:	\$10,901		

Program 201.151 Drainage System Restoration
Project Output(s) 14 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	694.0	4,800.0	5,494.0	Linear feet
Post Condition	5,494.0	0.0	0.0	5,494.0	Linear feet

11-San Diego-15 0.4/R10.6 1315 1118000001	In the city of San Diego, from Main Street to Route 52. Rehabilitate culverts, upgrade lighting, replace signs, install new Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities (ADA) standards.	43019 2022-23	R/W: \$366 Con: \$23,819	PA&ED: \$1,610 PS&E: \$4,466 R/W Sup: \$197 Con Sup: \$3,998	20-21 21-22 21-22 22-23	PA&ED: 2/25/2022 R/W Cert: 6/12/2023 RTL: 6/26/2023 Begin Con: 12/18/2023
New			Subtotal: \$24,185	\$10,271		
			Total Project Cost:	\$34,456		

Program 201.151 Drainage System Restoration
Project Output(s) 71 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	8,719.0	8,719.0	Linear feet
Post Condition	8,719.0	0.0	0.0	8,719.0	Linear feet

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-67 R4.1/15.9 1314 1118000095	Near Lakeside and Eucalyptus Hills, from north of Riverford Road to Ellie Lane. Rehabilitate culverts, upgrade lighting, enhance highway worker safety, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	43031 2023-24	R/W: \$350 Con: \$8,573	PA&ED: \$1,128 PS&E: \$1,461 R/W Sup: \$305 Con Sup: \$1,527	20-21 22-23 22-23 23-24	PA&ED: 6/3/2022 R/W Cert: 9/29/2023 RTL: 11/30/2023 Begin Con: 3/29/2024
New			Subtotal: \$8,923 Total Project Cost:	\$4,421 \$13,344		

Program 201.151 Drainage System Restoration
Project Output(s) 35 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	140.4	754.0	2,735.2	3,629.6	Linear feet
Post Condition	3,629.6	0.0	0.0	3,629.6	Linear feet

11-San Diego-76 R17.5/52.2 1307 1118000084	Near Pala, Pauma Valley, Rincon, and La Jolla Amago, from east of Route 15 to west of Route 79. Rehabilitate culverts, replace signs, upgrade lighting, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	43027 2023-24	R/W: \$500 Con: \$13,909	PA&ED: \$1,533 PS&E: \$1,506 R/W Sup: \$1,587 Con Sup: \$2,224	20-21 22-23 22-23 23-24	PA&ED: 8/22/2022 R/W Cert: 1/5/2024 RTL: 2/23/2024 Begin Con: 7/19/2024
New			Subtotal: \$14,409 Total Project Cost:	\$6,850 \$21,259		

Program 201.151 Drainage System Restoration
Project Output(s) 82 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	5,302.0	5,302.0	Linear feet
Post Condition	5,302.0	0.0	0.0	5,302.0	Linear feet

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-78 0.0/R16.5 1247 1115000180	In San Diego County, at various locations from 0.1 mile east of Route 78/5 Separation to Route 15/78 Separation. Rehabilitate and replace culverts including invert paving, joint repair grouting, Cured-in-Place Pipeliner (CIPP) and drainage inlet lid repair.	42230 2021-22	R/W: \$204 Con: \$8,519	PA&ED: \$811 PS&E: \$2,388 R/W Sup: \$212 Con Sup: \$2,047	Prior Prior Prior 21-22	PA&ED: 12/31/2019 R/W Cert: 12/10/2021 RTL: 12/10/2021 Begin Con: 6/13/2022
Carryover			Subtotal: \$8,723	\$5,458		
			Total Project Cost:	\$14,181		

Program 201.151 Drainage System Restoration
Project Output(s) 65 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	257.0	2,122.0	3,399.0	5,778.0	Linear feet
Post Condition	5,778.0	0.0	0.0	5,778.0	Linear feet

11-San Diego-79 20.3/53.0 1313 1118000109	Near Santa Ysabel, Warner Springs, and Holcomb Village from north of Route 79 to the Riverside County line. Rehabilitate culverts, replace sign panels, and make bicycle and pedestrian improvements.	43036 2023-24	R/W: \$175 Con: \$7,350	PA&ED: \$963 PS&E: \$1,221 R/W Sup: \$669 Con Sup: \$1,399	20-21 21-22 21-22 23-24	PA&ED: 4/19/2022 R/W Cert: 11/1/2023 RTL: 12/15/2023 Begin Con: 8/9/2024
New			Subtotal: \$7,525	\$4,252		
			Total Project Cost:	\$11,777		

Program 201.151 Drainage System Restoration
Project Output(s) 90 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	5,970.0	5,970.0	Linear feet
Post Condition	5,970.0	0.0	0.0	5,970.0	Linear feet

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-94 1.4/16.0 1303 1118000104	In and near San Diego and Lemon Grove, from Route 5 (PM 1.416) to east of Millar Ranch Road. Rehabilitate culverts, rehabilitate pavement, replace signs, upgrade Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	43034 2023-24	R/W: \$1,800 Con: \$59,314	PA&ED: \$2,825 PS&E: \$4,147 R/W Sup: \$1,404 Con Sup: \$8,611	20-21 22-23 22-23 23-24	PA&ED: 7/15/2022 R/W Cert: 1/12/2024 RTL: 3/15/2024 Begin Con: 7/26/2024
New			Subtotal: \$61,114	\$16,987		
			Total Project Cost: \$78,101			
			<i>SBI Baseline Agreement Required</i>			
			Program 201.151 Drainage System Restoration			
			Project Output(s) 37 Culvert(s) (ea)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,878.0	3,878.0	Linear feet
Post Condition	3,878.0	0.0	0.0	3,878.0	Linear feet

11-San Diego-94 15.3/65.3 1306 1118000083	Near Jamul, Campo, and Boulevard, from south of Route 54/Jamacha Road to Route 8; also on Route 188, from the Mexico border to Route 94 (PM 0.0/1.850). Rehabilitate culverts, upgrade curb ramps to Americans with Disabilities Act (ADA) standards, replace roadside signs, install rumble strips, and upgrade lighting.	43026 2023-24	R/W: \$1,420 Con: \$23,243	PA&ED: \$2,335 PS&E: \$2,118 R/W Sup: \$1,327 Con Sup: \$2,922	20-21 22-23 22-23 23-24	PA&ED: 7/15/2022 R/W Cert: 1/19/2024 RTL: 3/8/2024 Begin Con: 8/16/2024
New			Subtotal: \$24,663	\$8,702		
			Total Project Cost: \$33,365			
			Program 201.151 Drainage System Restoration			
			Project Output(s) 91 Culvert(s) (ea)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	492.4	2,702.9	2,835.7	6,031.0	Linear feet
Post Condition	6,031.0	0.0	0.0	6,031.0	Linear feet

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-805 23.7/28.5 1308 1118000114	In the city of San Diego from north of Route 52 to Route 5. Rehabilitate culverts, upgrade Transportation Management System (TMS) elements, replace signs, enhance highway worker safety, upgrade lighting, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	43038 2023-24	R/W: \$1,000 Con: \$32,889	PA&ED: \$1,479 PS&E: \$4,285 R/W Sup: \$126 Con Sup: \$7,289	20-21 21-22 21-22 23-24	PA&ED: 2/1/2022 R/W Cert: 5/10/2024 RTL: 6/7/2024 Begin Con: 12/6/2024
New			Subtotal: \$33,889 Total Project Cost:	\$13,179 \$47,068		

SBI Baseline Agreement Required

Program 201.151 Drainage System Restoration
Project Output(s) 15 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	1,058.0	786.0	1,844.0	Linear feet
Post Condition	1,844.0	0.0	0.0	1,844.0	Linear feet

MOBILITY

11-San Diego-5 R42.2/R47.1 1320 1118000134	In Encinitas and Carlsbad, from south of Leucadia Boulevard to north of Palomar Airport Road. Construct auxiliary lanes to facilitate merging movements and upgrade facilities to Americans with Disabilities Act (ADA) standards.	43041 2022-23	R/W: \$69 Con: \$21,508	PA&ED: \$400 PS&E: \$50 R/W Sup: \$1,231 Con Sup: \$1,231	20-21 20-21 22-23	PA&ED: 10-23-2013 R/W Cert: 5/16/2022 RTL: 7/1/2022 Begin Con: 1/12/2023
New			Subtotal: \$21,577 Total Project Cost:	\$1,681 \$23,258		

Program 201.310 Operational Improvements
Project Output(s) 550.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-5 R47.0/R48.0 1279 1117000206	In Carlsbad, from Palomar Airport Road to Cannon Road. Construct auxiliary lane in southbound direction for operational efficiency.	43017 2021-22	R/W: \$23 Con: \$5,501	PA&ED: \$207 PS&E: \$1,052 R/W Sup: Con Sup: \$1,243	Prior Prior 21-22	PA&ED: 1/27/2015 R/W Cert: 6/15/2021 RTL: 7/15/2021 Begin Con: 11/15/2021
<i>Carryover</i>			Subtotal: \$5,524	\$2,502		
			Total Project Cost:	\$8,026		

Program 201.310 Operational Improvements
Project Output(s) 77.0 Daily vehicle hour(s) of delay (DVHD)

11-San Diego-5 R0.3/R15.2 1241 1116000177	In San Diego County, at various locations; also on Route 905 (PM 2.5/5.4) and Route 805 (PM 0.2/14.0). Install fiber optic communication lines to improve regional traffic operations and mobility near the United States/Mexico border.	42750 2020-21	R/W: \$375 Con: \$19,827	PA&ED: \$818 PS&E: \$1,721 R/W Sup: \$62 Con Sup: \$4,404	Prior Prior Prior 20-21	PA&ED: 10/15/2018 R/W Cert: 5/17/2020 RTL: 5/30/2020 Begin Con: 12/2/2020
<i>Carryover</i>			Subtotal: \$20,202	\$7,005		
			Total Project Cost:	\$27,207		

Program 201.315 Transportation Management Systems
Project Output(s) 13.8 Mile(s) of cable

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0.0	Mile(s) of cable
Post Condition	100.0%		0.0%	13.8	Mile(s) of cable

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-163 4.4/R10.8 1355 1118000260	In the city of San Diego from Friars Road to Kearny Villa Road. Upgrade Transportation Management System (TMS) elements, upgrade Weigh-in-Motion (WIM) scale, enhance highway worker safety, and make pedestrian safety improvements.	43048 2022-23	R/W: \$1 Con: \$7,297	PA&ED: \$800 PS&E: \$1,180 R/W Sup: Con Sup: \$1,530	20-21 21-22 22-23	PA&ED: 10/8/2021 R/W Cert: 1/6/2023 RTL: 2/24/2023 Begin Con: 7/21/2023
New			Subtotal: \$7,298	\$3,510		
			Total Project Cost:	\$10,808		

Program 201.315 Transportation Management Systems
Project Output(s) 3 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	3	Field element(s)
Post Condition	100.0%		0.0%	3	Field element(s)

11-San Diego-805 14.6/23.7 1309 1118000102	In the city of San Diego, from Route 15 to Route 52. Add and upgrade Transportation Management System (TMS) elements, rehabilitate pavement, rehabilitate drainage, replace signs, and enhance highway worker safety.	43032 2022-23	R/W: \$360 Con: \$57,936	PA&ED: \$2,863 PS&E: \$5,804 R/W Sup: \$117 Con Sup: \$10,898	20-21 21-22 21-22 22-23	PA&ED: 5/21/2021 R/W Cert: 3/9/2023 RTL: 4/6/2023 Begin Con: 10/24/2023
New			Subtotal: \$58,296	\$19,682		
			Total Project Cost:	\$77,978		

SB1 Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 141 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	64	Field element(s)
Post Condition	100.0%		0.0%	141	Field element(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

11-San Diego-5	In the city of San Diego, from Camino	43067	R/W: \$40	PA&ED: \$384	Prior	PA&ED: 11/15/2019
R0.3/R5.0	de la Plaza Overcrossing to Otay	2020-21	Con: \$11,990	PS&E: \$1,687	Prior	R/W Cert: 9/18/2020
1245	River Bridge; also on Route 805, from			R/W Sup: \$3	Prior	RTL: 11/13/2020
1119000066	Route 805/5 Separation to San Ysidro			Con Sup: \$1,895	20-21	Begin Con: 4/9/2021
	Boulevard Undercrossing. Convert		Subtotal: \$12,030	\$3,969		
Carryover	potable irrigation system to recycled		Total Project Cost:	\$15,999		
	water, replace deteriorated water					
	supply lines, and plant landscaping					
	for erosion control.					

Program 201.210 Highway Planting Restoration
Project Output(s) 136.6 Acre(s)

11-San Diego-805	In the city of San Diego, from San	42880	R/W: \$30	PA&ED: \$327	Prior	PA&ED: 10/10/2019
0.7/3.3	Ysidro Boulevard Undercrossing to	2020-21	Con: \$8,220	PS&E: \$1,149	Prior	R/W Cert: 9/3/2020
1244	Otay River Bridge; also on Route 905,			R/W Sup: \$3	Prior	RTL: 10/9/2020
1117000038	from 0.3 mile east of Picador			Con Sup: \$1,174	20-21	Begin Con: 4/23/2021
	Boulevard Undercrossing to Caliente		Subtotal: \$8,250	\$2,653		
Carryover	Avenue Overcrossing. Convert		Total Project Cost:	\$10,903		
	potable irrigation systems to recycled					
	water.					

Program 201.210 Highway Planting Restoration
Project Output(s) 139.0 Acre(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-805 3.4/5.1 1243 1117000037	In Chula Vista, from 0.3 mile south of Main Street Undercrossing to Palomar Street Overcrossing. Convert potable irrigation systems to recycled water.	42870 2020-21	R/W: \$20 Con: \$4,097	PA&ED: \$284 PS&E: \$721 R/W Sup: \$3 Con Sup: \$888	Prior Prior Prior 20-21	PA&ED: 1/17/2020 R/W Cert: 12/10/2020 RTL: 1/19/2021 Begin Con: 7/28/2021
<i>Carryover</i>			Subtotal: \$4,117	\$1,896		
			Total Project Cost:	\$6,013		

Program 201.210 Highway Planting Restoration
Project Output(s) 40.0 Acre(s)

MULTIPLE OBJECTIVE

11-San Diego-5 R30.0/R34.3 1218 1116000125	In the city of San Diego, from 0.5 mile north of Genesee Avenue to 0.2 mile north of Del Mar Heights Road. Construct rumble strips on both shoulders, rehabilitate bike path, and install fiber optic cable/Closed Circuit Television (CCTV). Asset Management Pilot Project.	42650 2020-21	R/W: Con: \$3,824	PA&ED: \$471 PS&E: \$1,304 R/W Sup: \$40 Con Sup: \$678	Prior Prior Prior 20-21	PA&ED: 9/20/2019 R/W Cert: 9/4/2020 RTL: 10/16/2020 Begin Con: 4/9/2021
<i>Carryover</i>			Subtotal: \$3,824	\$2,493		
			Total Project Cost:	\$6,317		

Program 201.999 Multiple Objective
Project Output(s) 1 Location(s)

San Diego County

R/W: \$11,135	PA&ED: \$54,947
Const: \$985,657	PS&E: \$110,777
	R/W Sup: \$10,674
	Con Sup: \$164,239
Subtotal: \$996,792	\$340,637
Total (Capital + Support):	\$1,337,429

V4.0 2020 SHOPP Project List
San Francisco
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

04-San Francisco-35 1.3 1459E 0417000157	In the City and County of San Francisco, at Great Highway intersection. Install new signal.	3K420 2021-22	R/W: \$62 Con: \$1,547	PA&ED: \$1,550 PS&E: \$1,291 R/W Sup: \$179 Con Sup: \$1,341	Prior 20-21 20-21 21-22	PA&ED: 6/30/2020 R/W Cert: 8/31/2021 RTL: 9/30/2021 Begin Con: 12/30/2021
			Subtotal: \$1,609	\$4,361		
<i>Carryover</i>			Total Project Cost:	\$5,970		

Program 201.010 Safety Improvements
Project Output(s) 5 Collision(s) reduced

04-San Francisco-101 0.5/R5.2 1493G 0416000048	In the City and County of San Francisco, from Bayshore Boulevard Overcrossing (OC) to South Van Ness Avenue; also on Route 280, from Monterey Boulevard onramp OC to King Street onramp (PM R2.8/T7.2). Install vandalism-resistant security fence and gates to reduce maintenance repairs and enhance highway worker safety.	4J970 2020-21	R/W: \$3 Con: \$6,196	PA&ED: \$950 PS&E: \$1,000 R/W Sup: \$95 Con Sup: \$1,520	Prior Prior Prior 20-21	PA&ED: 11/29/2019 R/W Cert: 5/31/2021 RTL: 6/30/2021 Begin Con: 12/30/2021
			Subtotal: \$6,199	\$3,565		
<i>Carryover</i>			Total Project Cost:	\$9,764		

Program 201.235 Maintenance Access
Project Output(s) 80 Location(s)

V4.0 2020 SHOPP Project List
San Francisco
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

04-San Francisco-101 4.1/R5.1 2021K 0418000036	in the City and County of San Francisco, at Central Viaduct No. 34-0077; also on Route 80 at Bayshore Viaduct No. 34-0088 (PM L3.79/4.99). Rehabilitate bridges by overlaying bridge deck, replacing joint seals, and upgrading bridge rails. (G13 Contingency)	0Q020 2023-24	R/W: \$52	PA&ED: \$1,941	20-21	PA&ED: 2/1/2022
			* Con: \$34,308	PS&E: \$3,466	21-22	R/W Cert: 9/1/2023
				R/W Sup: \$292	21-22	RTL: 10/1/2023
				* Con Sup: \$4,661	23-24	Begin Con: 5/1/2024
			Subtotal: \$34,360		\$10,360	
			Total Project Cost:		\$44,720	

* Construction Capital and * Construction Support phases are NOT authorized
SBI Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	450,017.0	756,121.0	1,206,138.0	Square feet
Post Condition	1,206,138.0	0.0	0.0	1,206,138.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 34-0077	Fair	Fair
Bridge No. 34-0088	Fair	Fair

04-San Francisco-101 2.0/2.9 1450E 0416000380	In the City and County of San Francisco, at Alemany Circle Undercrossing (UC) No. 34-0064K, Alemany Circle UC No. 34-0063S and Bayshore Boulevard UC No. 34-0047S; also in San Mateo County in Pacifica, at Paloma Avenue Overcrossing No. 35-0187 (PM R44.21). Upgrade bridge rails.	2K190 2020-21	R/W: \$10	PA&ED: \$657	Prior	PA&ED: 5/1/2020
			Con: \$5,461	PS&E: \$1,751	Prior	R/W Cert: 1/1/2021
				R/W Sup: \$164	Prior	RTL: 3/1/2021
				Con Sup: \$1,805	20-21	Begin Con: 10/1/2021
			Subtotal: \$5,471		\$4,377	
			Total Project Cost:		\$9,848	

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 2,249.0 Linear feet
4 Bridge(s)

Primary Asset

(Bridge Rail)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	2,249.0	2,249.0	Linear feet rail
Post Condition	2,249.0	0.0	0.0	2,249.0	Linear feet rail

Bridge Health

	Existing Condition	Post Condition
Bridge No. 34-0047S	Good	Good
Bridge No. 34-0063S	Poor	Poor
Bridge No. 34-0064K	Good	Good
Bridge No. 35-0187	Fair	Fair

V4.0 2020 SHOPP Project List
San Francisco
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY	FY	
04-San Francisco-101 3.4 2026H 0419000015	In the City and County of San Francisco at Twenty Third Street Overcrossing No. 34-0035 (PM 3.37); also at Third Street Undercrossing No. 34-0030S (PM 0.77). Upgrade bridge rails.	2Q460 2023-24	R/W: \$33 Con: \$2,750	PA&ED: \$772 PS&E: \$1,255 R/W Sup: \$125 Con Sup: \$1,353	20-21 21-22 21-22 23-24	20-21 21-22 21-22 23-24	PA&ED: 12/1/2021 R/W Cert: 7/1/2023 RTL: 7/1/2023 Begin Con: 3/1/2024
New			Subtotal: \$2,783 Total Project Cost:	\$3,505 \$6,288			

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 843.0 Linear feet
2 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	843.0	843.0	Linear feet rail
Post Condition	843.0	0.0	0.0	843.0	Linear feet rail

Bridge Health

Existing Condition Post Condition

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 34-0030S	Good	Good
Bridge No. 34-0035	Fair	Fair

ROADWAY PRESERVATION

04-San Francisco-101 0.0/T4.9 2025D 0418000341	In the City and County of San Francisco, from San Mateo County line to Market Street. Rehabilitate roadway, upgrade signs, concrete barrier, and Transportation Management System (TMS) elements, rehabilitate drainage, and upgrade facilities to Americans with Disabilities Act (ADA) standards. (G13 Contingency)	1Q820 2023-24	R/W: \$424 * Con: \$45,556	PA&ED: \$2,594 PS&E: \$4,500 R/W Sup: \$223 * Con Sup: \$6,833	20-21 22-23 22-23 23-24	20-21 22-23 22-23 23-24	PA&ED: 11/1/2022 R/W Cert: 1/2/2024 RTL: 2/1/2024 Begin Con: 10/1/2024
New			Subtotal: \$45,980 Total Project Cost:	\$14,150 \$60,130			

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 14.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10.9	3.3	14.2	Lane mile(s)
Post Condition	14.2	0.0	0.0	14.2	Lane mile(s)

V4.0 2020 SHOPP Project List
San Francisco
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Francisco-280 R0.0/T7.5 2022B 0418000045	In the City and County of San Francisco, from San Mateo County line to Brannan Street. Rehabilitate pavement, upgrade concrete median barrier, rehabilitate drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, and replace Whipple Avenue Pedestrian Overcrossing No. 34-0096.	0Q120 2023-24	R/W: \$1,373 * Con: \$82,958	PA&ED: \$4,101 PS&E: \$6,682 R/W Sup: \$322 * Con Sup: \$9,877	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 1/2/2024 RTL: 2/1/2024 Begin Con: 9/2/2024
New	(G13 Contingency)		Subtotal: \$84,331	\$20,982		
			Total Project Cost:	\$105,313		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	35.0 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	13.6	21.4	0.0	35.0	Lane mile(s)
Post Condition	35.0	0.0	0.0	35.0	Lane mile(s)

FACILITIES

04-San Francisco-101 4.2 1453E 0417000057	In the City and County of San Francisco, at the District 4 Materials Laboratory beneath Route 101 (325 San Bruno Avenue). Construct permanent District 4 Materials Lab at alternative state-owned site to replace obsolete facility closed in March 2015 due to unsafe conditions.	2K950 2021-22	R/W: \$255 Con: \$12,087	PA&ED: \$2,210 PS&E: \$1,820 R/W Sup: \$130 Con Sup: \$3,086	Prior Prior Prior 21-22	PA&ED: 4/1/2020 R/W Cert: 12/1/2021 RTL: 2/1/2022 Begin Con: 9/1/2022
Carryover			Subtotal: \$12,342	\$7,246		
			Total Project Cost:	\$19,588		
			Program	201.354 Materials Labs		
			Project Output(s)	1 Location(s)		

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	13,880.0	0.0	0.0	13,880.0	Square feet

San Francisco County

R/W:	\$2,212	PA&ED:	\$14,775
Const:	\$190,863	PS&E:	\$21,765
		R/W Sup:	\$1,530
		Con Sup:	\$30,476

Subtotal:	\$193,075	\$68,546
Total (Capital + Support):	\$261,621	

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

10-San Joaquin-205	In and near Tracy, from Alameda	1C380	R/W: \$19	PA&ED: \$794	20-21	PA&ED: 6/2/2021
L0.0/R13.2	County line to Route 5. Upgrade	2022-23	Con: \$5,945	PS&E: \$1,348	21-22	R/W Cert: 7/1/2022
3474	guardrail to current standards.			R/W Sup: \$19	21-22	RTL: 2/15/2023
1018000272				Con Sup: \$868	22-23	Begin Con: 9/16/2023
			Subtotal: \$5,964			
			Total Project Cost:		\$3,029	
						\$8,993

New

Program 201.015 Collision Severity Reduction
Project Output(s) 8 Collision(s) reduced

10-San Joaquin-99	In and near Manteca, Ripon and	1H530	R/W: \$55	PA&ED: \$444	20-21	PA&ED: 5/7/2021
0.0/7.0	Salida, from south of Hammett Road	2022-23	Con: \$2,289	PS&E: \$826	21-22	R/W Cert: 6/8/2022
3298	to north of Yosemite Avenue. Pave			R/W Sup: \$10	21-22	RTL: 9/21/2022
1017000204	areas behind the gore, construct			Con Sup: \$715	22-23	Begin Con: 4/17/2023
	Maintenance Vehicle Pullouts (MVPs),		Subtotal: \$2,344			
	and slope pave beneath abutments		Total Project Cost:		\$1,995	
	to reduce maintenance and					\$4,339
	enhance highway worker safety.					

New

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 41 Location(s)

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-99 11.5/29.4 3237 1017000015 Carryover	In and near Stockton and Lodi, at various locations from French Camp Road to Kettleman Lane; also at the Route 4 (PM R15.7/R16.6) and Route 5 (PM 25.8/26.6) Interchange. Pave areas behind the gore, slopes, and at narrow locations, and construct access gates and Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker safety.	1C760 2020-21	R/W: \$23 Con: \$1,922	PA&ED: \$495 PS&E: \$1,130 R/W Sup: \$15 Con Sup: \$790	Prior Prior Prior 20-21	PA&ED: 10/15/2019 R/W Cert: 8/21/2020 RTL: 10/15/2020 Begin Con: 4/21/2021
			Subtotal: \$1,945	\$2,430		
			Total Project Cost:	\$4,375		
			Program 201.235 Roadside Safety Improvements/Freeway Maintenance Access Project Output(s) 88 Location(s)			
10-San Joaquin-99 28.2/31.7 3407 1017000203 New	In and near Lodi, from south of Harney Lane to north of Turner Road. Pave areas behind the gore, install fence, place vegetation control barriers, slope pave beneath abutments, and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and enhance highway worker safety.	1H510 2022-23	R/W: \$45 Con: \$5,506	PA&ED: \$758 PS&E: \$822 R/W Sup: \$11 Con Sup: \$1,085	20-21 21-22 21-22 22-23	PA&ED: 8/31/2021 R/W Cert: 10/14/2022 RTL: 11/15/2022 Begin Con: 5/19/2023
			Subtotal: \$5,551	\$2,676		
			Total Project Cost:	\$8,227		
			Program 201.235 Roadside Safety Improvements/Freeway Maintenance Access Project Output(s) 24 Location(s)			

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

10-San Joaquin-12 17.4/18.1 3254 1017000016	In Lodi, from Stockton Street to Route 99. Upgrade pedestrian facilities to make compliant with the Americans with Disabilities Act (ADA) standards.	1G510 2021-22	R/W: \$479 Con: \$2,066	PA&ED: \$286 PS&E: \$770 R/W Sup: \$915 Con Sup: \$637	Prior Prior Prior 21-22	PA&ED: 6/17/2019 R/W Cert: 9/30/2021 RTL: 11/1/2021 Begin Con: 5/12/2022
<i>Carryover</i>			Subtotal: \$2,545	\$2,608		
			Total Project Cost:	\$5,153		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 11 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	11.0	11.0	Each
Post Condition	11.0	0.0	0.0	11.0	Each

BRIDGE PRESERVATION

10-San Joaquin-4 0.0 3276 1017000185	Near Discovery Bay, at Old River Bridge No. 29-0045. Remove and replace the deteriorated fender system.	1H360 2023-24	R/W: \$872 Con: \$6,121	PA&ED: \$1,591 PS&E: \$1,321 R/W Sup: Con Sup: \$2,099	20-21 22-23 23-24	PA&ED: 4/1/2023 R/W Cert: 3/1/2024 RTL: 4/1/2024 Begin Con: 10/1/2024
<i>New</i>			Subtotal: \$6,993	\$5,011		
			Total Project Cost:	\$12,004		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	11,453.0	0.0	11,453.0	Square feet
Post Condition	11,453.0	0.0	0.0	11,453.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 29-0045	Fair	Fair
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V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-12 R4.4 3273 1017000024	Near Terminous, at Little Potato Slough Bridge No. 29-0101. Replace joint seals and bearing pads using temporary pile supports.	1F760 2020-21	R/W: \$925 Con: \$3,028	PA&ED: \$553 PS&E: \$905 R/W Sup: \$2 Con Sup: \$1,232	Prior 20-21 20-21 20-21	PA&ED: 7/20/2020 R/W Cert: 2/17/2021 RTL: 5/20/2021 Begin Con: 12/15/2021
<i>Carryover</i>			Subtotal: \$3,953 Total Project Cost:	\$2,692 \$6,645		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	151,976.0	0.0	0.0	151,976.0	Square feet
Post Condition	151,976.0	0.0	0.0	151,976.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 29-0101	Good	Good

10-San Joaquin-26 1.1 3169 1016000032	Near Stockton, at Route 26/99 Separation No. 29-0142 (PM 1.11). Establish standard vertical clearance.	1F170 2020-21	R/W: \$7 Con: \$11,536	PA&ED: \$598 PS&E: \$1,827 R/W Sup: \$13 Con Sup: \$3,221	Prior Prior Prior 20-21	PA&ED: 6/17/2019 R/W Cert: 12/15/2020 RTL: 1/15/2021 Begin Con: 7/1/2021
<i>Carryover</i>			Subtotal: \$11,543 Total Project Cost:	\$5,659 \$17,202		

Program 201.322 Trans Permit Requirements for Bridges
Project Output(s) 1 Bridge(s)

Primary Asset

(Goods Movement)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10,850.0	0.0	10,850.0	Square feet
Post Condition	10,850.0	0.0	0.0	10,850.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 29-0142	Good	Good

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

10-San Joaquin-5 32.5/49.8 3427 1018000273 New	In and near Stockton, from Hammer Lane to the Sacramento County line (PM 49.819). Rehabilitate roadway, upgrade lighting, guardrail and bridge railing, install Transportation Management System (TMS) elements, replace signs, rehabilitate drainage systems, enhance highway worker safety, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1E300 2022-23	R/W: \$49	PA&ED: \$2,108	20-21	PA&ED: 10/14/2021 R/W Cert: 5/15/2023 RTL: 6/16/2023 Begin Con: 2/1/2024
			Con: \$81,169	PS&E: \$4,153	21-22	
				R/W Sup: \$162	21-22	
				Con Sup: \$10,953	22-23	
			Subtotal: \$81,218	\$17,376		
			Total Project Cost:	\$98,594		

SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 82.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	81.3	1.0	82.3	Lane mile(s)
Post Condition	82.3	0.0	0.0	82.3	Lane mile(s)

10-San Joaquin-4 19.5/38.1 3277 1017000178 New	Near Stockton, from Route 99 to Stanislaus County line (PM 38.059); also in Stanislaus County from San Joaquin County line to 0.5 mile east of Dunton Road (PM 0.0/7.2). Rehabilitate pavement, upgrade guardrail, construct rumble strips, upgrade facilities to Americans with Disabilities Act (ADA) standards, rehabilitate drainage systems, install Transportation Management System (TMS) elements, and upgrade bridge railing.	1C050 2023-24	R/W: \$379	PA&ED: \$2,660	20-21	PA&ED: 2/1/2023 R/W Cert: 6/1/2024 RTL: 6/15/2024 Begin Con: 12/15/2024
			* Con: \$36,437	PS&E: \$2,701	22-23	
				R/W Sup: \$657	22-23	
				* Con Sup: \$5,250	23-24	
			Subtotal: \$36,816	\$11,268		
			Total Project Cost:	\$48,084		

** Construction Capital and * Construction Support phases are NOT authorized*

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 50.7 Lane mile(s)

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	27.8	22.9	0.0	50.7	Lane mile(s)
Post Condition	50.7	0.0	0.0	50.7	Lane mile(s)

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY	FY	
10-San Joaquin-88 5.1/16.4 7546 1000020021	Near Lockeford, east of Comstock Road to east of Disch Road. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, reconstruct rumble strips, lengthen merge lanes, replace signs, and upgrade Transportation Management System (TMS) elements. (G13 Contingency)	27920 2023-24	R/W: \$1,336 * Con: \$25,393	PA&ED: \$2,168 PS&E: \$2,267 R/W Sup: \$800 * Con Sup: \$3,977	20-21 21-22 21-22 23-24	20-21 21-22 21-22 23-24	PA&ED: 3/11/2022 R/W Cert: 11/15/2023 RTL: 12/15/2023 Begin Con: 7/16/2024
New			Subtotal: \$26,729	\$9,212			
			Total Project Cost:	\$35,941			
			* Construction Capital and * Construction Support phases are NOT authorized				
			Program		201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)		26.7 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	4.2	19.8	2.7	26.7	Lane mile(s)
Post Condition	26.7	0.0	0.0	26.7	Lane mile(s)

10-San Joaquin-88 13.7/14.0 3141 1013000260	Near Lockeford, from 0.1 mile north of East Jack Tone Road to 0.1 mile south of North Tully Road intersection; also near Kirkwood, in Alpine County (PM 0.2/2.6). Replace culverts.	0S740 2020-21	R/W: \$1,306 Con: \$3,756	PA&ED: \$795 PS&E: \$900 R/W Sup: \$290 Con Sup: \$875	Prior Prior Prior 20-21	Prior Prior Prior 20-21	PA&ED: 12/14/2018 R/W Cert: 12/24/2020 RTL: 1/9/2021 Begin Con: 7/21/2021
Carryover			Subtotal: \$5,062	\$2,860			
			Total Project Cost:	\$7,922			
			Program		201.151 Drainage System Restoration		
			Project Output(s)		30 Culvert(s) (ea)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	633.0	324.0	1,519.0	2,476.0	Linear feet
Post Condition	2,476.0	0.0	0.0	2,476.0	Linear feet

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY		
10-San Joaquin-99 19.7/33.6 3229 1017000022	In and near Stockton and Lodi, at various locations from Eastside Underpass to Acampo Road; also on Route 4 at the Route 4/5 Separation (PM R16.10) and on Route 120 in Lathrop at Mossdale Underpass (PM R0.5). Upgrade drainage pump plants.	1E610 2021-22	R/W: \$260 Con: \$5,169	PA&ED: \$439 PS&E: \$1,530 R/W Sup: \$59 Con Sup: \$1,289	Prior Prior Prior 21-22		PA&ED: 11/22/2019 R/W Cert: 2/14/2022 RTL: 3/4/2022 Begin Con: 7/5/2022
Carryover			Subtotal: \$5,429	\$3,317			
			Total Project Cost:	\$8,746			

Program 201.151 Drainage System Restoration
Project Output(s) 5 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	5.0	5.0	Pump plant(s) (ea)
Post Condition	5.0	0.0	0.0	5.0	Pump plant(s) (ea)

MOBILITY

10-San Joaquin-99 4.6/5.3 3126A 1018000159	In Manteca, from south of Austin Road to south of Route 99/120 Separation. Operational improvements by lengthening and reconstructing overcrossing and railroad overhead, eliminate one interchange, and upgrade safety barriers. Financial Contribution Only (FCO) to San Joaquin Council of Governments (SJCOG) for construction capital.	1E74U 2021-22	R/W: Con: \$28,736	PA&ED: \$263 PS&E: \$20 R/W Sup: Con Sup:	20-21 20-21	PA&ED: 6/1/2021 R/W Cert: 7/1/2021 RTL: 7/15/2021 Begin Con: 2/23/2022
New			Subtotal: \$28,736	\$283		
			Total Project Cost:	\$29,019		

Program 201.310 Operational Improvements
Project Output(s) 2,385.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-4 R16.0/R19.4 3274 1016000077 Carryover	In Stockton, from Route 5 to Route 99. Install ramp meters, traffic monitoring systems, Closed Circuit Television (CCTV), and synchronize intersection signals with ramp metering.	1F180 2022-23	R/W: \$1,332 Con: \$39,097	PA&ED: \$2,177 PS&E: \$6,057 R/W Sup: \$695 Con Sup: \$9,438	Prior 20-21 20-21 22-23	PA&ED: 3/2/2020 R/W Cert: 11/17/2022 RTL: 1/5/2023 Begin Con: 8/17/2023
			Subtotal: \$40,429	\$18,367		
			Total Project Cost:	\$58,796		

SBI Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 14 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0	Field element(s)
Post Condition	100.0%		0.0%	14	Field element(s)

10-San Joaquin-5 R12.1/33.0 3422 1018000007 New	In San Joaquin and Sacramento Counties, on Routes 5, 4, 12, 26, 33, 88, 120, and 205 at various locations. Upgrade Transportation Management System (TMS) elements.	1F960 2023-24	R/W: \$25 Con: \$9,090	PA&ED: \$962 PS&E: \$1,436 R/W Sup: \$158 Con Sup: \$1,559	20-21 22-23 22-23 23-24	PA&ED: 11/1/2022 R/W Cert: 2/20/2024 RTL: 4/3/2024 Begin Con: 11/15/2024
			Subtotal: \$9,115	\$4,115		
			Total Project Cost:	\$13,230		

Program 201.315 Transportation Management Systems
Project Output(s) 43 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	36	Field element(s)
Post Condition	100.0%		0.0%	43	Field element(s)

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-5 R21.4/27.9 3250 1016000053	In and near Stockton, on Route 5 at various locations; also on Route 4 (PM 14.6/26.0) and Route 99 (PM 15.8/18.5) at various locations. Install Transportation Management System (TMS) elements.	1F400 2021-22	R/W: \$335 Con: \$10,373	PA&ED: \$820 PS&E: \$2,550 R/W Sup: \$380 Con Sup: \$1,805	Prior Prior Prior 21-22	PA&ED: 9/13/2018 R/W Cert: 11/23/2021 RTL: 12/22/2021 Begin Con: 7/14/2022
Carryover			Subtotal: \$10,708	\$5,555		
			Total Project Cost:	\$16,263		

Program 201.315 Transportation Management Systems
Project Output(s) 22 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	12	Field element(s)
Post Condition	100.0%		0.0%	22	Field element(s)

10-San Joaquin-120 3226 1017000074	In San Joaquin, Amador, Calaveras, Merced, Mariposa, Stanislaus, and Tuolumne Counties, on Routes 4, 5, 26, 33, 49, 59, 88, 99, 104, 108, 120, 132, 140, 152 and 205 at various locations. Repair or replace damaged and nonfunctioning Traffic Management System (TMS) elements.	1G990 2020-21	R/W: \$33 Con: \$2,065	PA&ED: \$632 PS&E: \$1,191 R/W Sup: \$107 Con Sup: \$1,243	Prior Prior Prior 20-21	PA&ED: 5/22/2019 R/W Cert: 11/5/2020 RTL: 1/5/2021 Begin Con: 7/6/2021
Carryover			Subtotal: \$2,098	\$3,173		
			Total Project Cost:	\$5,271		

Program 201.315 Transportation Management Systems
Project Output(s) 59 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	59	Field element(s)
Post Condition	100.0%		0.0%	59	Field element(s)

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-120 R0.6/R6.1 3230 1017000021	In and near Manteca and Lathrop, from Route 5 to Route 99; also on Route 5 at PM R13.34 and on Route 99 at PM 4.56. Install fiber optic cable as part of the Transportation Management System (TMS).	1C960 2020-21	R/W: \$68 Con: \$4,500	PA&ED: \$373 PS&E: \$1,221 R/W Sup: \$5 Con Sup: \$1,375	Prior Prior Prior 20-21	PA&ED: 9/21/2018 R/W Cert: 12/3/2020 RTL: 1/29/2021 Begin Con: 9/13/2021
Carryover			Subtotal: \$4,568	\$2,974		
			Total Project Cost:	\$7,542		

Program 201.315 Transportation Management Systems
Project Output(s) 0 Field element(s)

10-San Joaquin-205 R4.5/R9.0 3146 1014000146	In Tracy, from Byron Road Undercrossing to Paradise Road Overcrossing. Install ramp meters and other Transportation Management System (TMS) elements.	1C330 2021-22	R/W: \$3,260 Con: \$26,632	PA&ED: \$1,057 PS&E: \$3,500 R/W Sup: \$979 Con Sup: \$5,600	Prior Prior Prior 21-22	PA&ED: 9/11/2018 R/W Cert: 4/15/2021 RTL: 7/8/2021 Begin Con: 3/2/2022
Carryover			Subtotal: \$29,892	\$11,136		
			Total Project Cost:	\$41,028		

Program 201.315 Transportation Management Systems
Project Output(s) 28 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0	Field element(s)
Post Condition	100.0%		0.0%	28	Field element(s)

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

10-San Joaquin-99	In and near Lodi, from north of	1H650	R/W:	PA&ED: \$442	20-21	PA&ED: 4/15/2021
28.7/31.7	Harney Lane to north of Turner Road.	2022-23	Con: \$3,424	PS&E: \$815	20-21	R/W Cert: 6/15/2022
3428	Rehabilitate landscaping and			R/W Sup: \$12	20-21	RTL: 7/15/2022
1018000282	irrigation system.			Con Sup: \$1,085	22-23	Begin Con: 1/3/2023
			Subtotal: \$3,424		\$2,354	
			Total Project Cost:		\$5,778	

New

Program 201.210 Highway Planting Restoration
Project Output(s) 14.0 Acre(s)

San Joaquin County

R/W:	\$10,808	PA&ED:	\$20,415
Const:	\$314,254	PS&E:	\$37,290
		R/W Sup:	\$5,289
		Con Sup:	\$55,096
Subtotal:		\$325,062	\$118,090
Total (Capital + Support):			\$443,152

V4.0 2020 SHOPP Project List
San Luis Obispo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

05-San Luis Obispo-41 3.1 2927 0519000001	Near Morro Bay, 3.1 miles north of Route 1. Construct soldier pile wall.	1K720 2021-22	R/W: \$249 Con: \$3,584	PA&ED: \$1,241 PS&E: \$1,544 R/W Sup: \$178 Con Sup: \$1,684	Prior 20-21 20-21 21-22	PA&ED: 5/7/2021 R/W Cert: 6/10/2022 RTL: 6/24/2022 Begin Con: 2/7/2023
<i>Carryover</i>			Subtotal: \$3,833	\$4,647		
			Total Project Cost:	\$8,480		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

05-San Luis Obispo-101 27.9 2740 0517000101	In the city of San Luis Obispo, at Marsh Street. Correct roadway cross slopes and construct drainage improvements	1J440 2020-21	R/W: \$4 Con: \$775	PA&ED: \$333 PS&E: \$715 R/W Sup: \$25 Con Sup: \$309	Prior Prior Prior 20-21	PA&ED: 4/17/2019 R/W Cert: 4/30/2020 RTL: 7/8/2020 Begin Con: 11/18/2020
<i>Carryover</i>			Subtotal: \$779	\$1,382		
			Total Project Cost:	\$2,161		

Program 201.010 Safety Improvements
Project Output(s) 20 Collision(s) reduced

V4.0 2020 SHOPP Project List
San Luis Obispo
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-San Luis Obispo-101 38.5/39.4 2765 0518000035 Carryover	Near Santa Margarita, from north of Route 58 to 2.9 miles south of Santa Barbara Road. Cross slope corrections, Open Graded Asphalt Concrete (OGAC) overlay and replace guardrail.	1J710 2020-21	R/W: \$3 Con: \$3,504	PA&ED: PS&E: \$968 R/W Sup: \$27 Con Sup: \$866	Prior Prior 20-21	PA&ED: 1/11/2019 R/W Cert: 4/1/2020 RTL: 7/8/2020 Begin Con: 10/5/2020
			Subtotal: \$3,507	\$1,861		
			Total Project Cost:	\$5,368		

Program 201.010 Safety Improvements
Project Output(s) 67 Collision(s) reduced

05-San Luis Obispo-101 61.9 2766 0518000052 Carryover	Near Wellsona, at the intersection of Route 101 and Wellsona Road. Improve safety by constructing an undercrossing.	1J780 2021-22	R/W: \$1,271 Con: \$14,019	PA&ED: \$1,373 PS&E: \$3,386 R/W Sup: \$546 Con Sup: \$3,286	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 4/1/2022 RTL: 5/16/2022 Begin Con: 10/17/2022
			Subtotal: \$15,290	\$8,591		
			Total Project Cost:	\$23,881		

Program 201.010 Safety Improvements
Project Output(s) 26 Collision(s) reduced

V4.0 2020 SHOPP Project List
San Luis Obispo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

05-San Luis Obispo-1 0.0/0.3 2650 0516000074 Carryover	Near Guadalupe, at the Santa Maria River Bridge No. 49-0042; also in Santa Barbara County (PM 50.3/50.6). The bridge is scour critical and needs to be replaced. The existing bridge will be used for traffic handling during construction and then demolished. The highway will need to be realigned as a result of the new bridge location. The new bridge will provide standard lane and shoulder widths and include a protected walkway.	1H440	R/W: \$530	PA&ED: \$2,294	Prior	PA&ED: 3/2/2020
		2022-23	Con: \$33,880	PS&E: \$4,290	20-21	R/W Cert: 9/1/2022
				R/W Sup: \$455	20-21	RTL: 9/30/2022
				Con Sup: \$9,660	22-23	Begin Con: 4/5/2023
			Subtotal: \$34,410	\$16,699		
			Total Project Cost:	\$51,109		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	39,826.0	39,826.0	Square feet
Post Condition	39,826.0	0.0	0.0	39,826.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 49-0042	Fair	Good
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05-San Luis Obispo-1 32.6 0072C 0519000054 New	In Morro Bay, at Toro Creek Bridge. Environmental mitigation (biological monitoring) for project EA 0L721.	0L724	R/W:	PA&ED:	PA&ED: 6/26/2018
		2023-24	Con:	PS&E:	R/W Cert: 5/14/2020
				R/W Sup:	RTL: 8/6/2023
				Con Sup: \$28	23-24
			Subtotal:	\$28	
			Total Project Cost:	\$28	

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

V4.0 2020 SHOPP Project List
San Luis Obispo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-San Luis Obispo-1 34.5 0072D 0519000055	In Morro Bay, at Old Creek Bridge. Environmental mitigation (biological monitoring) for project EA 0L722.	0L725 2023-24	R/W: Con:	PA&ED: PS&E: R/W Sup: Con Sup:	\$28 23-24	PA&ED: 5/15/2018 R/W Cert: 2/25/2020 RTL: 8/6/2023 Begin Con: 11/1/2023
New			Subtotal:		\$28	
			Total Project Cost:		\$28	

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

05-San Luis Obispo-58 3.1 0072E 0519000056	Near Santa Margarita, at Trout Creek Bridge. Environmental mitigation (biological monitoring) for project EA 0L723.	0L726 2023-24	R/W: Con:	PA&ED: PS&E: R/W Sup: Con Sup:	\$28 23-24	PA&ED: 10/31/2017 R/W Cert: 12/13/2019 RTL: 7/1/2023 Begin Con: 10/26/2023
New			Subtotal:		\$28	
			Total Project Cost:		\$28	

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

V4.0 2020 SHOPP Project List
San Luis Obispo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

05-San Luis Obispo-1 10.0/16.8 2630 0516000009	In and near Pismo Beach, from Gracia Way to North Pismo (Route 101/Route 1) Separation. Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement and place Rubberized Hot Mix Asphalt (RHMA) pavement.	1G980 2021-22	R/W: \$303 Con: \$8,618	PA&ED: \$1,156 PS&E: \$1,751 R/W Sup: \$1,670 Con Sup: \$1,568	Prior Prior Prior 21-22	PA&ED: 12/3/2018 R/W Cert: 4/6/2022 RTL: 4/6/2022 Begin Con: 8/23/2022
<i>Carryover</i>			Subtotal: \$8,921	\$6,145		
			Total Project Cost:	\$15,066		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 13.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	13.5	0.0	13.5	Lane mile(s)
Post Condition	13.5	0.0	0.0	13.5	Lane mile(s)

05-San Luis Obispo-46 29.8/32.2 2903 0518000210	In Paso Robles, from Route 101 to east of Airport Road. Rehabilitate pavement, replace sign panels, install Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1K460 2022-23	R/W: \$28 Con: \$7,550	PA&ED: \$477 PS&E: \$1,424 R/W Sup: \$75 Con Sup: \$1,693	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 9/30/2022 RTL: 10/21/2022 Begin Con: 5/1/2023
<i>New</i>			Subtotal: \$7,578	\$3,669		
			Total Project Cost:	\$11,247		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 8.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	8.2	0.0	8.2	Lane mile(s)
Post Condition	8.2	0.0	0.0	8.2	Lane mile(s)

V4.0 2020 SHOPP Project List
San Luis Obispo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-San Luis Obispo-58 1.8/6.9 2845 0518000095	Near Santa Margarita, from I Street to Route 229. Rehabilitate pavement and drainage, replace sign panels, and install Transportation Management System (TMS) elements.	1J970 2023-24	R/W: \$2,549 Con: \$6,500	PA&ED: \$1,622 PS&E: \$2,253 R/W Sup: \$968 Con Sup: \$2,103	20-21 21-22 21-22 23-24	PA&ED: 4/26/2022 R/W Cert: 1/12/2024 RTL: 5/22/2024 Begin Con: 12/20/2024
New			Subtotal: \$9,049	\$6,946		
			Total Project Cost:	\$15,995		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 11.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	3.5	8.2	11.7	Lane mile(s)
Post Condition	11.7	0.0	0.0	11.7	Lane mile(s)

05-San Luis Obispo-101 7.8/16.5 2778 0518000081	In and near Pismo Beach, Arroyo Grande, and Nipomo, from Los Barros Road to south of Hinds Avenue Overcrossing. Rehabilitate pavement, drainage systems, enhance highway worker safety, designate bikeways with pavement delineation, and install Transportation Management System (TMS) elements.	1J860 2023-24	R/W: \$230 * Con: \$27,382	PA&ED: \$1,610 PS&E: \$3,209 R/W Sup: \$655 * Con Sup: \$5,426	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 4/1/2024 RTL: 6/3/2024 Begin Con: 12/9/2024
New			Subtotal: \$27,612	\$10,900		
			Total Project Cost:	\$38,512		
			<i>* Construction Capital and * Construction Support phases are NOT authorized</i>			
	(G13 Contingency)					
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	34.7 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2.2	32.5	0.0	34.7	Lane mile(s)
Post Condition	34.7	0.0	0.0	34.7	Lane mile(s)

V4.0 2020 SHOPP Project List
San Luis Obispo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

05-San Luis Obispo-101 31.5/59.1 4022 0516000007	In San Luis Obispo County, from 0.3 mile north of Reservoir Canyon Road to 0.3 mile north of North Paso Robles Overhead; also on Route 46 from Theater Drive to Union Road (PM R21.7/31.9) at various locations. Install vehicle detection systems, Changeable Message Signs (CMS), cameras, and loop detectors.	0N220 2020-21	R/W: \$5 Con: \$3,621	PA&ED: \$380 PS&E: \$1,095 R/W Sup: \$78 Con Sup: \$702	Prior Prior Prior 20-21	PA&ED: 1/11/2019 R/W Cert: 8/3/2020 RTL: 12/1/2020 Begin Con: 8/2/2021
<i>Carryover</i>			Subtotal: \$3,626	\$2,255		
			Total Project Cost:	\$5,881		

Program 201.315 Transportation Management Systems
Project Output(s) 62 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	21	Field element(s)
Post Condition	100.0%		0.0%	62	Field element(s)

ROADWAY PROTECTIVE BETTERMENTS

05-San Luis Obispo-1 R66.9/R67.2 4928Y 0517000046	Near San Simeon, from the Arroyo de la Cruz Bridge to 0.3 mile north of the Arroyo de la Cruz Bridge. Planting, wetland and California Red-legged Frog mitigation.	49285 2020-21	R/W: \$68 Con: \$8,071	PA&ED: PS&E: \$1,057 R/W Sup: \$56 Con Sup: \$2,817	Prior Prior 20-21	PA&ED: 8/11/2010 R/W Cert: 5/11/2020 RTL: 7/27/2020 Begin Con: 3/17/2021
<i>Carryover</i>			Subtotal: \$8,139	\$3,930		
			Total Project Cost:	\$12,069		

Program 201.150 Roadway Protective Betterments
Project Output(s) 0 Location(s)

V4.0 2020 SHOPP Project List
San Luis Obispo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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FACILITIES

05-San Luis Obispo- 2920 0518000234 New	In the city of San Luis Obispo, at 4485 Vachell Lane. Construct new Maintenance station and material and testing laboratory for construction office. (G13 Contingency)	1K680 2023-24	R/W: \$155 * Con: \$52,714	PA&ED: \$4,401 PS&E: \$10,796 R/W Sup: \$233 * Con Sup: \$6,696	20-21 22-23 22-23 23-24	PA&ED: 9/7/2022 R/W Cert: 2/1/2024 RTL: 5/13/2024 Begin Con: 11/7/2024
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Subtotal: \$52,869 \$22,126
Total Project Cost: \$74,995

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	70,882.0	70,882.0	Square feet
Post Condition	103,005.0	0.0	0.0	103,005.0	Square feet

San Luis Obispo County

R/W:	\$5,395	PA&ED:	\$14,887
Const:	\$170,218	PS&E:	\$32,488
		R/W Sup:	\$4,966
		Con Sup:	\$36,894
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Subtotal:	\$175,613		\$89,235
Total (Capital + Support):			\$264,848

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

04-San Mateo-1 1.1 1450H 0416000105	Near Half Moon Bay, at 1.1 miles north of Santa Cruz County line. Repair slope washout by constructing a soldier pile wall and upgrading the drainage system.	0K570 2021-22	R/W: \$2 Con: \$990	PA&ED: \$300 PS&E: \$400 R/W Sup: \$70 Con Sup: \$500	Prior Prior Prior 21-22	PA&ED: 10/30/2020 R/W Cert: 4/1/2021 RTL: 7/1/2021 Begin Con: 1/30/2022
			Subtotal: \$992	\$1,270		
<i>Carryover</i>			Total Project Cost:	\$2,262		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

04-San Mateo-1 36.2 2028H 0418000134	Near Montara, at south of 9th Street. Repair damaged storm drain and restore eroded embankment.	0Q670 2022-23	R/W: \$35 Con: \$1,400	PA&ED: \$418 PS&E: \$388 R/W Sup: \$27 Con Sup: \$373	Prior 21-22 21-22 22-23	PA&ED: 7/2/2021 R/W Cert: 9/1/2022 RTL: 10/7/2022 Begin Con: 4/10/2023
			Subtotal: \$1,435	\$1,206		
<i>Carryover</i>			Total Project Cost:	\$2,641		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-82 19.8 1450J 0416000124 Carryover	In South San Francisco, at 0.1 mile north of Francisco Drive. Permanent embankment restoration by installing retaining wall and drainage improvements.	0K670 2020-21	R/W: \$10 Con: \$1,590	PA&ED: \$500 PS&E: \$710 R/W Sup: \$60 Con Sup: \$800	Prior Prior Prior 20-21	PA&ED: 9/30/2019 R/W Cert: 12/16/2020 RTL: 12/31/2020 Begin Con: 8/3/2021
			Subtotal: \$1,600	\$2,070		
			Total Project Cost:	\$3,670		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

04-San Mateo-84 5.2 1455B 0416000472 Carryover	Near La Honda, at 1.2 miles north of Madera Lane (North). Repair slope washout and place Rock Slope Protection (RSP) on existing embankment to prevent further erosion.	2K610 2021-22	R/W: \$147 Con: \$895	PA&ED: \$936 PS&E: \$390 R/W Sup: \$10 Con Sup: \$250	Prior 20-21 20-21 21-22	PA&ED: 10/5/2020 R/W Cert: 3/7/2022 RTL: 5/2/2022 Begin Con: 8/15/2022
			Subtotal: \$1,042	\$1,586		
			Total Project Cost:	\$2,628		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-84 6.0 1455C 0416000480	Near La Honda, west of Peek-A-Boo Lane. Construct soldier pile wall, reconstruct damaged pavement, and upgrade guardrail.	2K640 2022-23	R/W: \$371 Con: \$3,202	PA&ED: \$1,056 PS&E: \$635 R/W Sup: \$40 Con Sup: \$484	Prior 20-21 20-21 22-23	PA&ED: 10/5/2020 R/W Cert: 10/3/2022 RTL: 11/14/2022 Begin Con: 6/5/2023
<i>Carryover</i>			Subtotal: \$3,573	\$2,215		
			Total Project Cost:	\$5,788		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

04-San Mateo-1 36.5/38.3 2021A 0418000123	Near Montara, from 0.1 mile south of 2nd Street to 0.3 mile south of Tom Lantos Tunnel. Install new standard safety barrier.	0Q610 2023-24	R/W: \$158 Con: \$6,949	PA&ED: \$2,148 PS&E: \$2,672 R/W Sup: \$59 Con Sup: \$1,637	Prior 21-22 21-22 23-24	PA&ED: 11/1/2021 R/W Cert: 6/1/2023 RTL: 7/6/2023 Begin Con: 12/1/2023
<i>Carryover</i>			Subtotal: \$7,107	\$6,516		
			Total Project Cost:	\$13,623		

Program 201.010 Safety Improvements
Project Output(s) 13 Collision(s) reduced

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-Var 1491J 0416000033 Carryover	In and near various cities, on Routes 1, 35, 82, 84, 92, 101, 109, 114, 280, and 380 at various locations. Enhance pedestrian safety by upgrading signals with Accessible Pedestrian Signals (APS) audible indicators, pushbuttons, and countdown timers, and upgrading crosswalk markings.	0K070 2021-22	R/W: \$57 Con: \$5,832	PA&ED: \$1,250 PS&E: \$1,250 R/W Sup: \$175 Con Sup: \$1,250	Prior Prior Prior 21-22	PA&ED: 4/1/2020 R/W Cert: 12/1/2021 RTL: 2/1/2022 Begin Con: 6/1/2022
			Subtotal: \$5,889	\$3,925		
			Total Project Cost:	\$9,814		

Program 201.015 Collision Severity Reduction
Project Output(s) 8 Collision(s) reduced

04-San Mateo-92 2022N 0418000215 New	In San Mateo County on Routes 92, 101, 280, and 380 at various locations. Enhance pedestrian and bicyclist safety by installing flashing beacon systems, upgrading crosswalk markings and ramp metering systems, and upgrading facilities to Americans with Disabilities Act (ADA) standards.	1Q200 2023-24	R/W: \$126 Con: \$13,681	PA&ED: \$1,919 PS&E: \$2,054 R/W Sup: \$62 Con Sup: \$2,492	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 2/2/2024 RTL: 3/1/2024 Begin Con: 9/2/2024
			Subtotal: \$13,807	\$6,527		
			Total Project Cost:	\$20,334		

Program 201.015 Collision Severity Reduction
Project Output(s) 19 Collision(s) reduced

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

04-San Mateo-1 44.0/48.0 2021C 0418000096 New	In Pacifica and Daly City, from San Jose Avenue Pedestrian Overcrossing to Route 280 at various locations; also on Route 280, from Route 1 to John Daly Boulevard Overcrossing (PM R25.3/M27.1R). Construct permanent Best Management Practices (BMPs) to achieve Statewide National Pollution Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	0Q440	R/W: \$65	PA&ED: \$1,101	20-21	PA&ED: 7/1/2021
		2022-23	Con: \$3,363	PS&E: \$1,493	21-22	R/W Cert: 12/1/2022
				R/W Sup: \$48	21-22	RTL: 1/1/2023
				Con Sup: \$1,505	22-23	Begin Con: 7/1/2023
				Subtotal: \$3,428	\$4,147	
		Total Project Cost:	\$7,575			
			Program	201.335 Storm Water Mitigation		
			Project Output(s)	49.3 Acre(s) treated/pollutant		

04-San Mateo-82 12.9/15.9 0730D 0400020619 Carryover	In Burlingame, Hillsborough, and Millbrae, from Barroilhet Avenue to Millbrae Avenue. Upgrade curb ramps and sidewalks to Americans with Disabilities Act (ADA) standards.	1G900	R/W: \$844	PA&ED: \$3,320	Prior	PA&ED: 6/1/2021
		2023-24	Con: \$9,120	PS&E: \$1,200	20-21	R/W Cert: 9/1/2023
				R/W Sup: \$700	20-21	RTL: 10/1/2023
				Con Sup: \$1,000	23-24	Begin Con: 4/1/2024
				Subtotal: \$9,964	\$6,220	
		Total Project Cost:	\$16,184			
			Program	Americans with Disabilities Act Pedestrian 201.378 Infrastructure		
			Project Output(s)	82 Curb ramp(s)		

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	82.0	82.0	Each
Post Condition	82.0	0.0	0.0	82.0	Each

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

04-San Mateo-1 14.0 1494G 0416000029	Near Pescadero, at Pescadero Creek Bridge No. 35-0028. Upgrade bridge rails and repair approach slabs.	4J870 2021-22	R/W: \$260 Con: \$4,434	PA&ED: \$1,200 PS&E: \$1,000 R/W Sup: \$8 Con Sup: \$1,200	Prior 20-21 20-21 21-22	PA&ED: 11/1/2020 R/W Cert: 4/1/2022 RTL: 5/1/2022 Begin Con: 12/15/2022
<i>Carryover</i>			Subtotal: \$4,694	\$3,408		
			Total Project Cost:	\$8,102		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	840.0	420.0	0.0	1,260.0	Square feet
Post Condition	1,260.0	0.0	0.0	1,260.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 35-0028 Good Good

04-San Mateo-101 7.1 1483C 0415000004	In Redwood City, at Cordilleras Creek Bridge No. 35-0019. Replace bridge to restore structural integrity.	2J730 2021-22	R/W: \$4,285 * Con: \$26,570	PA&ED: \$4,500 PS&E: \$4,500 R/W Sup: \$1,125 * Con Sup: \$7,500	Prior 20-21 20-21 21-22	PA&ED: 12/15/2020 R/W Cert: 3/1/2022 RTL: 3/15/2022 Begin Con: 9/1/2022
<i>Carryover</i>	(G13 Contingency)		Subtotal: \$30,855	\$17,625		
			Total Project Cost:	\$48,480		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	5,942.0	5,942.0	Square feet
Post Condition	7,072.0	0.0	0.0	7,072.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 35-0019 Poor Good

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-82 9.4 2024C 0418000291 New	In the city of San Mateo, at Hillsdale Boulevard Overcrossing No. 35-0198 (PM 9.345). Upgrade bridge rails and signals and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1Q530 2023-24	R/W: \$76 Con: \$1,821	PA&ED: \$657 PS&E: \$1,303 R/W Sup: \$69 Con Sup: \$746	20-21 21-22 21-22 23-24	PA&ED: 1/1/2022 R/W Cert: 7/1/2023 RTL: 10/1/2023 Begin Con: 4/1/2024
			Subtotal: \$1,897	\$2,775		
			Total Project Cost:	\$4,672		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 252.0 Linear feet
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	252.0	252.0	Linear feet rail
Post Condition	252.0	0.0	0.0	252.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 35-0198	Good	Good
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04-San Mateo-101 0.1/23.4 1485K 0415000010 Carryover	In East Palo Alto, Redwood City, Belmont, Burlingame, Millbrae, South San Francisco, and Brisbane, from University Avenue Overcrossing to Sierra Point offramp separation. Upgrade bridge rails at eight structures.	2J740 2021-22	R/W: \$64 Con: \$7,748	PA&ED: \$1,326 PS&E: \$1,586 R/W Sup: \$130 Con Sup: \$1,456	Prior Prior Prior 21-22	PA&ED: 8/1/2020 R/W Cert: 12/1/2021 RTL: 3/1/2022 Begin Con: 9/1/2022
			Subtotal: \$7,812	\$4,498		
			Total Project Cost:	\$12,310		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 3,706.0 Linear feet
8 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,706.0	3,706.0	Linear feet rail
Post Condition	3,706.0	0.0	0.0	3,706.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 35- 126	Fair	Fair
Bridge No. 35- 131S	Good	Good
Bridge No. 35-0017	Fair	Fair
Bridge No. 35-0018	Good	Good
Bridge No. 35-0081G	Good	Good
Bridge No. 35-0087	Good	Good
Bridge No. 35-0113	Fair	Fair
Bridge No. 35-0155	Fair	Fair

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY	FY	
04-San Mateo-280 R0.0/R21.0 1498G 0416000028	In and near Menlo Park and San Bruno, from Alpine Road to Route 380 at Alpine Road Undercrossing No. 35 -0009L/R (PM R0.05), Sand Hill Road Overcrossing (OC) (south) No. 35 -0007 (PM R1.56), Sand Hill Road OC (north) No. 35-0008 (PM R1.62), and Route 280/380 Separation No. 35 -0217L/R (PM R20.97). Structure seismic retrofit.	4J850 2021-22	R/W: \$262 Con: \$7,470	PA&ED: \$600 PS&E: \$1,000 R/W Sup: \$100 Con Sup: \$1,000	Prior 20-21 20-21 21-22		PA&ED: 3/18/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 7/1/2022
Carryover			Subtotal: \$7,732	\$2,700			
			Total Project Cost:	\$10,432			

Program 201.113 Bridge Seismic Restoration
Project Output(s) 6 Bridge(s)

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	141,857.0	141,857.0	Square feet
Post Condition	141,857.0	0.0	0.0	141,857.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 35-0007	Fair	Fair
Bridge No. 35-0008	Poor	Poor
Bridge No. 35-0009L	Fair	Fair
Bridge No. 35-0009R	Fair	Fair
Bridge No. 35-0217	Fair	Fair
Bridge No. 35-0217L		

04-San Mateo-1 28.9 1483M 0415000014	In Half Moon Bay, at the Pilarcitos Creek Bridge No. 35-0139L/R; also on Route 84 at San Gregorio Creek Bridge No. 35-0166 (PM 7.55). Retrofit scour critical bridges to preserve the structural integrity of the bridges by reinforcing with Rock Slope Protection (RSP).	2J790 2021-22	R/W: \$343 Con: \$1,936	PA&ED: \$1,250 PS&E: \$1,040 R/W Sup: \$260 Con Sup: \$1,300	Prior 20-21 20-21 21-22		PA&ED: 10/1/2020 R/W Cert: 3/31/2022 RTL: 4/1/2022 Begin Con: 11/1/2022
Carryover			Subtotal: \$2,279	\$3,850			
			Total Project Cost:	\$6,129			

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 3 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	16,608.0	0.0	16,608.0	Square feet
Post Condition	16,652.0	0.0	0.0	16,652.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 35-0139L	Good	Good
Bridge No. 35-0139R	Good	Good
Bridge No. 35-0166	Good	Good

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

04-San Mateo-82 12.3/15.8 1496J 0416000142	In the cities of San Mateo and Burlingame, from East Santa Inez Avenue to Murchison Drive. Rehabilitate roadway, improve drainage, and upgrade existing curb ramps and sidewalks to Americans with Disabilities Act (ADA) standards.	0K810 2023-24	R/W: \$2,215 Con: \$86,061	PA&ED: \$8,181 PS&E: \$8,181 R/W Sup: \$4,091 Con Sup: \$12,270	Prior 21-22 21-22 23-24	PA&ED: 6/1/2021 R/W Cert: 9/1/2023 RTL: 10/1/2023 Begin Con: 4/1/2024
<i>Carryover</i>			Subtotal: \$88,276	\$32,723		
			Total Project Cost:	\$120,999		

SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 15.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	15.2	0.0	15.2	Lane mile(s)
Post Condition	15.2	0.0	0.0	15.2	Lane mile(s)

04-San Mateo-84 21.5/25.7 1497A 0416000138	In and near Woodside and Redwood City, from Route 280 to Route 101. Rehabilitate pavement, make curb ramps and sidewalks Americans with Disabilities Act (ADA) compliant, and upgrade guardrails to make standard.	0K780 2021-22	R/W: \$566 Con: \$18,225	PA&ED: \$2,340 PS&E: \$2,860 R/W Sup: \$39 Con Sup: \$3,120	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 6/1/2021 RTL: 8/1/2021 Begin Con: 3/1/2022
<i>Carryover</i>			Subtotal: \$18,791	\$8,359		
			Total Project Cost:	\$27,150		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 16.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.5	0.0	16.5	Lane mile(s)
Post Condition	16.5	0.0	0.0	16.5	Lane mile(s)

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-101 0.0/21.8 2024D 0418000301	In various cities from Santa Clara County line to north of South Airport Boulevard. Rehabilitate pavement, upgrade signs, guardrail, and Transportation Management System (TMS) elements, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards. (G13 Contingency)	1Q580 2022-23	R/W: \$102 * Con: \$181,053	PA&ED: \$6,030 PS&E: \$16,105 R/W Sup: \$69 * Con Sup: \$12,815	20-21 21-22 21-22 22-23	PA&ED: 9/1/2021 R/W Cert: 12/1/2022 RTL: 3/1/2023 Begin Con: 7/1/2023
New			Subtotal: \$181,155	\$35,019		
			Total Project Cost:	\$216,174		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	151.4 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	30.7	120.4	0.3	151.4	Lane mile(s)
Post Condition	151.4	0.0	0.0	151.4	Lane mile(s)

04-San Mateo-1 27.5/34.8 2022C 0418000053	In and near Half Moon Bay, from south of Wavecrest Road to south of Marine Boulevard. Rehabilitate roadway, upgrade guardrail and Transportation Management System (TMS) elements, rehabilitate drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, and make bicycle improvements. (G13 Contingency)	0Q130 2023-24	R/W: \$282 * Con: \$33,836	PA&ED: \$2,640 PS&E: \$4,055 R/W Sup: \$147 * Con Sup: \$5,011	20-21 22-23 22-23 23-24	PA&ED: 10/1/2022 R/W Cert: 4/1/2024 RTL: 4/30/2024 Begin Con: 10/1/2024
New			Subtotal: \$34,118	\$11,853		
			Total Project Cost:	\$45,971		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.122 Roadway Rehabilitation (2R)		
			Project Output(s)	16.7 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.0	0.7	16.7	Lane mile(s)
Post Condition	16.7	0.0	0.0	16.7	Lane mile(s)

V4.0 2020 SHOPP Project List
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(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-280 6.7/10.5 0732J 0412000161	Near Redwood City, San Carlos and Belmont, from Edgewood Road to Route 92 and near Hillsborough at PM R12.7; also in Santa Clara County in and near Mountain View and Palo Alto, at various spot locations (PM 11.6, 12.8, 12.9, 18.8). Replace failing culverts and restore damaged slopes, pavement, and bridge approaches at six locations.	2A970 2021-22	R/W: \$13 Con: \$16,404	PA&ED: \$1,800 PS&E: \$2,000 R/W Sup: \$260 Con Sup: \$3,000	Prior Prior Prior 21-22	PA&ED: 2/1/2020 R/W Cert: 10/1/2021 RTL: 11/1/2021 Begin Con: 5/1/2022
<i>Carryover</i>			Subtotal: \$16,417	\$7,060		
			Total Project Cost:	\$23,477		

Program 201.151 Drainage System Restoration
Project Output(s) 28 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1,290.0	3,762.0	2,247.0	7,299.0	Linear feet
Post Condition	7,299.0	0.0	0.0	7,299.0	Linear feet

MOBILITY

04-San Mateo-1 26.4/R47.3 1452A 0417000040	In and near the cities of Half Moon Bay, Pacifica and Daly City, from south of Miramontes Point Road to Clarinada Avenue Undercrossing, at various locations. Install Bluetooth Detection Systems and Variable Message Signs (VMS), enable two existing Changeable Message Signs (CMS), modify Advanced Transportation Management System (ATMS), and construct Maintenance Vehicle Pullouts (MVPs) to improve the system performance.	2K880 2021-22	R/W: \$36 Con: \$2,408	PA&ED: \$430 PS&E: \$444 R/W Sup: \$30 Con Sup: \$444	Prior Prior 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 8/1/2021 RTL: 9/1/2021 Begin Con: 1/15/2022
<i>Carryover</i>			Subtotal: \$2,444	\$1,348		
			Total Project Cost:	\$3,792		

Program 201.315 Transportation Management Systems
Project Output(s) 13 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	100.0%		0.0%	2	Field element(s)
Post Condition	100.0%		0.0%	13	Field element(s)

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-101 2020G 0418000041 New	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 System (TMS) performance and install guardrail at ramps to enhance highway worker safety.	0Q070 2022-23	R/W: \$31 Con: \$10,400	PA&ED: \$1,179 PS&E: \$1,230 R/W Sup: \$40 Con Sup: \$2,806	20-21 21-22 21-22 22-23	PA&ED: 12/30/2021 R/W Cert: 2/1/2023 RTL: 5/30/2023 Begin Con: 12/6/2023
			Subtotal: \$10,431	\$5,255		
			Total Project Cost:	\$15,686		

Program 201.315 Transportation Management Systems
Project Output(s) 44 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	91.0%		9.0%	44	Field element(s)
Post Condition	100.0%		0.0%	44	Field element(s)

San Mateo County

R/W:	\$10,350	PA&ED:	\$45,081
Const:	\$445,388	PS&E:	\$56,496
		R/W Sup:	\$7,619
		Con Sup:	\$62,959
Subtotal:	\$455,738		\$172,155
Total (Capital + Support):			\$627,893

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

05-Santa Barbara-135 10.6/17.6 2703 0517000039	In Santa Maria, at various locations from Union Valley Parkway to Preisker Lane. Improve safety by modifying signals at intersections and constructing curb ramps.	1H960 2021-22	R/W: \$540 Con: \$11,111	PA&ED: PS&E: \$2,234 R/W Sup: \$2,646 Con Sup: \$2,604	Prior Prior 21-22	PA&ED: 6/25/2018 R/W Cert: 4/13/2021 RTL: 8/31/2021 Begin Con: 4/14/2022
<i>Carryover</i>			Subtotal: \$11,651	\$7,484		
			Total Project Cost:	\$19,135		

Program 201.010 Safety Improvements
Project Output(s) 660 Collision(s) reduced

05-Santa Barbara-135 17.3/17.6 2745 0517000184	In Santa Maria, from Roemer Way to Preisker Lane; also at Bunny Avenue (PM 16.5). Improve safety by constructing signal systems, sidewalk, and highway lighting.	1J470 2020-21	R/W: \$122 Con: \$1,696	PA&ED: PS&E: \$860 R/W Sup: \$534 Con Sup: \$570	Prior Prior 20-21	PA&ED: 6/8/2018 R/W Cert: 12/16/2020 RTL: 12/17/2020 Begin Con: 8/3/2021
<i>Carryover</i>			Subtotal: \$1,818	\$1,964		
			Total Project Cost:	\$3,782		

Program 201.010 Safety Improvements
Project Output(s) 5 Collision(s) reduced

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-166 8.1 2870 0518000122	In Santa Maria, at Miller Street. Modify traffic signal.	1K100 2020-21	R/W: \$20 Con: \$594	PA&ED: PS&E: \$595 R/W Sup: \$208 Con Sup: \$341	Prior Prior 20-21	PA&ED: 10/12/2018 R/W Cert: 7/3/2020 RTL: 11/20/2020 Begin Con: 7/8/2021
			Subtotal: \$614	\$1,144		
			Total Project Cost:	\$1,758		
Carryover						

Program 201.010 Safety Improvements
Project Output(s) 25 Collision(s) reduced

05-Santa Barbara-Var 2628 0516000006	In Santa Barbara and San Luis Obispo Counties on Routes 101, 135, and 246 at various locations. Install Accessible Pedestrian Signals (APS) push buttons, Countdown Pedestrian Signals (CPS) heads, pedestrian barricades, and crosswalk signage to improve pedestrian and bicycle safety.	1G960 2020-21	R/W: \$16 Con: \$1,928	PA&ED: \$879 PS&E: \$940 R/W Sup: \$71 Con Sup: \$746	Prior Prior Prior 20-21	PA&ED: 6/24/2019 R/W Cert: 4/9/2021 RTL: 4/20/2021 Begin Con: 12/6/2021
			Subtotal: \$1,944	\$2,636		
			Total Project Cost:	\$4,580		
Carryover						

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-1 R35.0/49.2 2667 0516000097 Carryover	Near Santa Maria, from 0.2 mile north of Route 135 Junction to Route 166 Junction. Widen shoulders, install rumble strips, upgrade guardrails and relocate objects from within the clear recovery zone.	1H610 2023-24	R/W: \$4,053 Con: \$15,401	PA&ED: \$1,736 PS&E: \$1,942 R/W Sup: \$1,237 Con Sup: \$4,379	Prior 20-21 20-21 23-24	PA&ED: 4/13/2021 R/W Cert: 7/14/2023 RTL: 7/14/2023 Begin Con: 2/22/2024
			Subtotal: \$19,454	\$9,294		
			Total Project Cost:	\$28,748		

Program 201.015 Collision Severity Reduction
Project Output(s) 26 Collision(s) reduced

05-Santa Barbara-101 9.2/11.9 2426D 0519000053 New	In and near the city of Santa Barbara, from 0.2 mile north of Sheffield Drive Undercrossing to 0.4 mile south of Sycamore Creek Bridge. Upgrade median barrier, enhance highway worker safety, rehabilitate drainage systems and pavement, and install Transportation Management System (TMS) elements. (Local contribution for PA&ED, PS&E and R/W Sup as part of STIP project EA 0N70B.).	1C824 2022-23	R/W: Con: \$25,000	PA&ED: PS&E: R/W Sup: Con Sup: \$5,000	22-23	PA&ED: 11/4/2021 R/W Cert: 4/1/2022 RTL: 11/18/2022 Begin Con: 6/7/2023
			Subtotal: \$25,000	\$5,000		
			Total Project Cost:	\$30,000		

Program 201.015 Collision Severity Reduction
Project Output(s) 33 Collision(s) reduced

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-101 68.7/91.0 2699 0517000001	In Santa Barbara and San Luis Obispo (PM 0.0/8.4) Counties, from Alisos Canyon Road to Los Berros Road at various locations. Roadside safety improvements.	1H850 2020-21	R/W: \$25 Con: \$4,703	PA&ED: \$714 PS&E: \$1,123 R/W Sup: \$35 Con Sup: \$1,003	Prior Prior Prior 20-21	PA&ED: 11/12/2019 R/W Cert: 11/2/2020 RTL: 3/9/2021 Begin Con: 10/18/2021
Carryover			Subtotal: \$4,728	\$2,875		
			Total Project Cost:	\$7,603		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 132 Location(s)

MANDATES

05-Santa Barbara-1 49.2/50.4 2466 0513000026	In Guadalupe, from Route 166 (West Main Street) to 0.1 mile south of Santa Maria River Bridge; also on Route 166, from Route 1 to Obispo Street (PM 0.0/0.2). Upgrade curb ramps and other facilities to Americans with Disabilities Act (ADA) standards.	1E030 2023-24	R/W: \$1,189 Con: \$2,438	PA&ED: \$1,229 PS&E: \$2,030 R/W Sup: \$2,963 Con Sup: \$1,221	20-21 21-22 21-22 23-24	PA&ED: 8/13/2021 R/W Cert: 3/6/2024 RTL: 5/6/2024 Begin Con: 9/27/2024
New			Subtotal: \$3,627	\$7,443		
			Total Project Cost:	\$11,070		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 28 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	27.0	27.0	Each
Post Condition	28.0	0.0	0.0	28.0	Each

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-101 11.0 2468 0513000027	In the city of Santa Barbara, at Butterfly Lane Pedestrian Undercrossing. Construct pedestrian ramps and sidewalks to comply with Americans with Disabilities Act (ADA) standards.	1E040 2020-21	R/W: \$970 Con: \$3,704	PA&ED: \$70 PS&E: \$1,875 R/W Sup: \$303 Con Sup: \$1,136	Prior Prior Prior 20-21	PA&ED: 11/1/2016 R/W Cert: 9/1/2020 RTL: 10/1/2020 Begin Con: 5/12/2021
Carryover			Subtotal: \$4,674 Total Project Cost:	\$3,384 \$8,058		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 2 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

BRIDGE PRESERVATION

05-Santa Barbara-101 21.6 2649 0516000073	In Goleta, at San Jose Creek Bridge No. 51-0163L/R. Replace bridges to maintain standards of safety and reliability.	1H430 2021-22	R/W: \$40 Con: \$9,240	PA&ED: \$1,400 PS&E: \$2,730 R/W Sup: \$70 Con Sup: \$3,480	Prior Prior Prior 21-22	PA&ED: 4/15/2020 R/W Cert: 6/28/2021 RTL: 9/28/2021 Begin Con: 6/10/2022
Carryover			Subtotal: \$9,280 Total Project Cost:	\$7,680 \$16,960		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	11,055.0	11,055.0	Square feet
Post Condition	12,950.0	0.0	0.0	12,950.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 51-0163L	Poor	Good
Bridge No. 51-0163R	Poor	Good

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-101 R36.0/R37.0 2448 0513000018	Near Goleta, from 0.6 mile south and 0.4 mile north of Refugio Road Undercrossing No. 51-0215L/R. Replace bridges.	1C950 2022-23	R/W: \$622 Con: \$34,640	PA&ED: \$2,200 PS&E: \$4,467 R/W Sup: \$100 Con Sup: \$4,900	Prior 20-21 20-21 22-23	PA&ED: 12/1/2020 R/W Cert: 12/15/2022 RTL: 3/15/2023 Begin Con: 11/1/2023
<i>Carryover</i>			Subtotal: \$35,262 Total Project Cost:	\$11,667 \$46,929		

SBI Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	35,606.0	35,606.0	Square feet
Post Condition	35,606.0	0.0	0.0	35,606.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 51-0215L	Poor	Good
Bridge No. 51-0215R	Poor	Good

05-Santa Barbara-154 R2.6 2391 0512000139	Near Los Olivos, at Alamo Pintado Pedestrian Bridge No. 51-0076Y. Replace bridge.	1C410 2021-22	R/W: \$200 Con: \$3,460	PA&ED: \$1,125 PS&E: \$2,050 R/W Sup: \$50 Con Sup: \$1,450	Prior Prior Prior 21-22	PA&ED: 1/15/2020 R/W Cert: 9/15/2021 RTL: 1/15/2022 Begin Con: 9/1/2022
<i>Carryover</i>			Subtotal: \$3,660 Total Project Cost:	\$4,675 \$8,335		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	2,573.0	0.0	2,573.0	Square feet
Post Condition	2,573.0	0.0	0.0	2,573.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 51-0076Y	Fair	Good

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-154 22.9/23.2 2392 0512000141	Near Lake Cachuma, at Cold Spring Canyon Bridge No. 51-0037. Install inspection access system below bridge and paint structure.	1C420 2020-21	R/W: \$50 Con: \$19,000	PA&ED: \$1,100 PS&E: \$1,500 R/W Sup: \$75 Con Sup: \$3,880	Prior Prior Prior 20-21	PA&ED: 11/9/2018 R/W Cert: 2/15/2020 RTL: 8/1/2020 Begin Con: 2/1/2021
<i>Carryover</i>			Subtotal: \$19,050	\$6,555		
			Total Project Cost:	\$25,605		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	41,549.0	0.0	41,549.0	Square feet
Post Condition	41,549.0	0.0	0.0	41,549.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 51-0037	Fair	Good
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05-Santa Barbara-154 R31.8/R32.1 2651 0516000075	In and near the city of Santa Barbara, from La Colina Road Undercrossing (UC) No. 51-0256 (PM R31.82) to Primavera Road UC No. 51-0257 (PM R32.07). Upgrade bridge railing and reconstruct abutment for bridge rehabilitation.	1H450 2021-22	R/W: \$3 Con: \$8,839	PA&ED: \$928 PS&E: \$2,135 R/W Sup: \$52 Con Sup: \$1,956	Prior Prior Prior 21-22	PA&ED: 4/29/2019 R/W Cert: 4/16/2021 RTL: 7/1/2021 Begin Con: 2/28/2022
<i>Carryover</i>			Subtotal: \$8,842	\$5,071		
			Total Project Cost:	\$13,913		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	10,807.0	10,807.0	Square feet
Post Condition	10,807.0	0.0	0.0	10,807.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 51-0256	Poor	Good
Bridge No. 51-0257	Poor	Good

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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05-Santa Barbara-217 0.9/1.4 2386 0512000134 Carryover	Near Goleta, from 0.1 mile south to 0.4 mile north of San Jose Creek Bridge No. 51-0217. Replace bridge. (G13 Contingency)	1C360 2021-22	R/W: \$599	PA&ED: \$3,887	Prior	PA&ED: 10/30/2019
			* Con: \$27,435	PS&E: \$3,459	Prior	R/W Cert: 8/18/2021
				R/W Sup: \$156	Prior	RTL: 10/19/2021
				* Con Sup: \$6,782	21-22	Begin Con: 4/8/2022
			Subtotal: \$28,034	\$14,284		
			Total Project Cost:	\$42,318		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	22,434.0	22,434.0	Square feet
Post Condition	22,434.0	0.0	0.0	22,434.0	Square feet

Bridge Health Existing Condition Post Condition

Bridge No. 51-0217	Poor	Good
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05-Santa Barbara-1 15.6 1501Y 0518000097 Carryover	Near Lompoc, at the Salsipuedes Creek Bridge No. 51-0095. Biological monitoring mitigation for project 0A050.	0A051 2020-21	R/W:	PA&ED:	20-21	PA&ED: 11/2/2015 R/W Cert: 12/13/2017 RTL: 5/3/2021 Begin Con: 8/1/2021
			Con:	PS&E:		
				R/W Sup:		
				Con Sup: \$100		
			Subtotal:	\$100		
			Total Project Cost:	\$100		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 0 Bridge(s)

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-1 M33.1 2563 0514000063	Near Lompoc, at San Antonio Creek Bridge No. 51-0237L/R. Bridge scour mitigation.	1F810 2021-22	R/W: \$83 Con: \$1,241	PA&ED: \$688 PS&E: \$1,692 R/W Sup: \$99 Con Sup: \$1,029	Prior Prior Prior 21-22	PA&ED: 6/24/2019 R/W Cert: 2/19/2021 RTL: 7/12/2021 Begin Con: 1/7/2022
			Subtotal: \$1,324	\$3,508		
<i>Carryover</i>			Total Project Cost:	\$4,832		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 2 Bridge(s)

Primary Asset

(Scour)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	20,926.0	20,926.0	Square feet
Post Condition	20,926.0	0.0	0.0	20,926.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 51-0237L	Good	Good
Bridge No. 51-0237R	Good	Good

ROADWAY PRESERVATION

05-Santa Barbara-101 4.4/R7.7 2426A 0517000083	In and near Summerland, from 0.9 mile south of South Padaro Lane Undercrossing to 0.6 mile north of Padaro Lane Overcrossing. Rehabilitate roadway.	1C822 2020-21	R/W: \$410 Con: \$60,650	PA&ED: \$4,370 R/W Sup: \$290 Con Sup: \$12,490	Prior Prior 20-21	PA&ED: 6/4/2018 R/W Cert: 10/30/2020 RTL: 12/1/2020 Begin Con: 7/15/2021
			Subtotal: \$61,060	\$17,150		
<i>Carryover</i>			Total Project Cost:	\$78,210		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 11.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.9	10.6	0.0	11.5	Lane mile(s)
Post Condition	11.5	0.0	0.0	11.5	Lane mile(s)

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-101 R52.3/R56.1 2902 0518000209	Near Buellton, from Old Coast Highway to south of Santa Rosa Road Overcrossing. Rehabilitate pavement and drainage systems.	1K450 2023-24	R/W: \$48 Con: \$17,312	PA&ED: \$1,312 PS&E: \$1,963 R/W Sup: \$189 Con Sup: \$2,088	20-21 22-23 22-23 23-24	PA&ED: 6/20/2022 R/W Cert: 2/23/2024 RTL: 3/22/2024 Begin Con: 9/19/2024
<i>New</i>			Subtotal: \$17,360	\$5,552		
			Total Project Cost:	\$22,912		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.2	13.2	0.0	14.4	Lane mile(s)
Post Condition	14.4	0.0	0.0	14.4	Lane mile(s)

05-Santa Barbara-135 11.7/17.8 2629 0516000008	In and near Santa Maria, from Lakeview Road to Route 101. Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement, and place Rubberized Hot Mix Asphalt (RHMA) pavement.	1G970 2020-21	R/W: \$378 Con: \$14,372	PA&ED: PS&E: \$1,869 R/W Sup: \$1,832 Con Sup: \$2,396	Prior Prior 20-21	PA&ED: 6/16/2017 R/W Cert: 10/1/2020 RTL: 11/19/2020 Begin Con: 5/24/2021
<i>Carryover</i>			Subtotal: \$14,750	\$6,097		
			Total Project Cost:	\$20,847		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	23.7	0.8	24.5	Lane mile(s)
Post Condition	24.5	0.0	0.0	24.5	Lane mile(s)

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-246 2632 0516000012 Carryover	In Lompoc, at combined segment of Route 246 and Route 1, on Route 246, from 0.3 mile west of V Street to H Street; also on Route 1, from H Street to 12th Street. Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement and place Hot Mix Asphalt (HMA) pavement.	1H010 2021-22	R/W: \$350 Con: \$6,900	PA&ED: \$3,630 R/W Sup: \$2,460 Con Sup: \$1,750	Prior Prior 21-22	PA&ED: 4/24/2017 R/W Cert: 10/25/2021 RTL: 12/15/2021 Begin Con: 7/27/2022
			Subtotal: \$7,250	\$7,840		
			Total Project Cost:	\$15,090		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 9.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	9.0	0.0	9.0	Lane mile(s)
Post Condition	9.0	0.0	0.0	9.0	Lane mile(s)

05-Santa Barbara-101 46.2/R52.3 2700 0517000002 Carryover	Near Gaviota, from 1.0 mile south of Gaviota Gorge Tunnel to 0.1 mile north of Nojoqui Creek Bridge. Upgrade guard railing, widen shoulders, place High Friction Surface Treatment (HSFT), construct retaining walls, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement. (G13 Contingency)	1H860 2021-22	R/W: \$21 * Con: \$59,218	PA&ED: \$2,160 PS&E: \$2,648 R/W Sup: \$74 * Con Sup: \$5,026	Prior Prior Prior 21-22	PA&ED: 3/16/2020 R/W Cert: 7/29/2021 RTL: 9/23/2021 Begin Con: 5/3/2022
			Subtotal: \$59,239	\$9,908		
			Total Project Cost:	\$69,147		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 28.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	7.4	21.0	0.0	28.4	Lane mile(s)
Post Condition	28.4	0.0	0.0	28.4	Lane mile(s)

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-101 65.0/84.1 2918 0518000215	Near Los Alamos and Orcutt, from 1.8 miles north of Route 154 to 0.2 mile south of South Santa Maria Undercrossing. Rehabilitate drainage systems and lighting, and install Transportation Management System (TMS) elements.	1K510 2023-24	R/W: \$435 Con: \$4,566	PA&ED: \$1,478 PS&E: \$1,586 R/W Sup: \$214 Con Sup: \$1,629	20-21 22-23 22-23 23-24	PA&ED: 9/14/2022 R/W Cert: 5/6/2024 RTL: 5/6/2024 Begin Con: 11/21/2024
New			Subtotal: \$5,001 Total Project Cost:	\$4,907 \$9,908		

Program 201.151 Drainage System Restoration
Project Output(s) 7 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	543.0	543.0	Linear feet
Post Condition	543.0	0.0	0.0	543.0	Linear feet

05-Santa Barbara-154 R0.0/32.8 2919 0518000216	In Santa Barbara County, at various locations. Rehabilitate drainage systems and install Transportation Management System (TMS) elements.	1K520 2023-24	R/W: \$139 Con: \$10,398	PA&ED: \$1,926 PS&E: \$2,044 R/W Sup: \$558 Con Sup: \$2,342	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 4/11/2024 RTL: 5/1/2024 Begin Con: 12/18/2024
New			Subtotal: \$10,537 Total Project Cost:	\$6,870 \$17,407		

Program 201.151 Drainage System Restoration
Project Output(s) 12 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,401.0	2,401.0	Linear feet
Post Condition	2,401.0	0.0	0.0	2,401.0	Linear feet

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

05-Santa Barbara-154 R5.8/R6.1 2674 0516000060	In Santa Ynez, from 0.2 mile east to 0.1 mile west of Edison Street/Baseline Avenue. Construct a roundabout to improve operations and safety.	1H310 2021-22	R/W: \$888 Con: \$6,827	PA&ED: \$793 PS&E: \$1,440 R/W Sup: \$418 Con Sup: \$1,614	Prior 20-21 20-21 21-22	PA&ED: 2/7/2020 R/W Cert: 11/16/2021 RTL: 12/2/2021 Begin Con: 7/18/2022
			Subtotal: \$7,715	\$4,265		
<i>Carryover</i>			Total Project Cost:	\$11,980		

Program 201.310 Operational Improvements
Project Output(s) 10.0 Daily vehicle hour(s) of delay (DVHD)

Santa Barbara County	
R/W:	\$11,201 PA&ED: \$23,625
Const:	\$350,673 PS&E: \$49,182
	R/W Sup: \$14,634
	Con Sup: \$69,912
Subtotal:	\$361,874 \$157,353
Total (Capital + Support):	\$519,227

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

04-Santa Clara-9 6.0 1464D 0416000400	In Saratoga, north of Pierce Road (PM 5.97). Install Rock Slope Protection (RSP) and replace culvert.	2K280 2021-22	R/W: \$10 Con: \$1,264	PA&ED: \$130 PS&E: \$318 R/W Sup: \$36 Con Sup: \$315	Prior Prior Prior 21-22	PA&ED: 3/4/2020 R/W Cert: 7/28/2021 RTL: 8/4/2021 Begin Con: 5/2/2022
			Subtotal: \$1,274	\$799		
<i>Carryover</i>			Total Project Cost:	\$2,073		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

04-Santa Clara-101 R0.8 1453B 0415000245	Near Gilroy, at Sargent Bridge and Overhead No. 39-0006L. Permanent restoration of roadway settlement and southern abutment wingwall movement.	4J030 2020-21	R/W: \$87 Con: \$1,381	PA&ED: \$650 PS&E: \$780 R/W Sup: \$52 Con Sup: \$650	Prior Prior Prior 20-21	PA&ED: 12/2/2019 R/W Cert: 1/8/2021 RTL: 2/1/2021 Begin Con: 6/15/2021
			Subtotal: \$1,468	\$2,132		
<i>Carryover</i>			Total Project Cost:	\$3,600		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

04-Santa Clara-35	Near Saratoga, from Route 9 Junction	0P48U	R/W: \$20	PA&ED: \$290	Prior	PA&ED: 4/1/2020
14.1/17.1	to San Mateo County line; also in San	2021-22	Con: \$4,356	PS&E: \$825	Prior	R/W Cert: 7/14/2021
1462H	Mateo County near Woodside from			R/W Sup: \$41	20-21	RTL: 8/2/2021
0419000296	the Santa Clara County line to Route			Con Sup: \$851	21-22	Begin Con: 2/9/2022
	84 (PM 2.121/10.518). Install		Subtotal: \$4,376			
<i>Carryover</i>	centerline rumble strips, curve signs,		Total Project Cost:		\$2,007	
	pavement markings with audible				\$6,383	
	traffic stripe systems, optical speed					
	bars, and high visibility striping.					

Program 201.010 Safety Improvements
Project Output(s) 24 Collision(s) reduced

04-Santa Clara-Var	On various routes, in various cities, at	0K080	R/W: \$23	PA&ED: \$939	Prior	PA&ED: 7/15/2020
1492E	various locations. Replace	2021-22	Con: \$9,111	PS&E: \$1,141	20-21	R/W Cert: 3/2/2022
0416000049	pedestrian push-buttons and signal			R/W Sup: \$36	21-22	RTL: 3/15/2022
	heads with Accessible Pedestrian			Con Sup: \$1,304	21-22	Begin Con: 9/13/2022
	Signals (APS) and countdown timers		Subtotal: \$9,134			
<i>Carryover</i>	and refresh crosswalk markings to		Total Project Cost:		\$3,420	
	enhance pedestrian safety.				\$12,554	

Program 201.015 Collision Severity Reduction
Project Output(s) 12 Collision(s) reduced

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Santa Clara-9 1486A 0415000043 Carryover	In Santa Clara County, on Routes 9, 17, 85, 87, 101, 152, 237, 280, 680, and 880 at various locations. Relocate or shield existing electrical controller cabinets and install twenty-eight new Maintenance Vehicle Pullouts (MVPs).	2J950 2021-22	R/W: \$50 Con: \$6,924	PA&ED: \$1,300 PS&E: \$1,400 R/W Sup: \$45 Con Sup: \$1,600	Prior 20-21 20-21 21-22	PA&ED: 11/9/2020 R/W Cert: 2/25/2022 RTL: 3/14/2022 Begin Con: 9/12/2022
			Subtotal: \$6,974	\$4,345		
			Total Project Cost:	\$11,319		

Program 201.015 Collision Severity Reduction
Project Output(s) 10 Collision(s) reduced

04-Santa Clara-101 0.1/49.6 1495A 0416000053 New	In Santa Clara County, on Routes 9, 17, 85, 87, 101, 152, 237, 280, 680, and 880 at various locations. Upgrade guardrail transition railing.	0K110 2023-24	R/W: \$10 Con: \$10,343	PA&ED: \$1,127 PS&E: \$1,574 R/W Sup: \$70 Con Sup: \$1,702	20-21 21-22 21-22 23-24	PA&ED: 2/2/2022 R/W Cert: 11/2/2023 RTL: 12/1/2023 Begin Con: 8/2/2024
			Subtotal: \$10,353	\$4,473		
			Total Project Cost:	\$14,826		

Program 201.015 Collision Severity Reduction
Project Output(s) 14 Collision(s) reduced

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Santa Clara-152 11.2/R35.2 1452E 0417000025	Near Gilroy, from Llagas Creek Bridge to the Merced County line. Construct Maintenance Vehicle Pullouts (MVPs) and vegetation control under existing guardrail to improve highway worker safety.	2K800 2021-22	R/W: \$10 Con: \$6,590	PA&ED: \$800 PS&E: \$1,000 R/W Sup: \$45 Con Sup: \$700	Prior Prior Prior 21-22	PA&ED: 8/31/2020 R/W Cert: 10/29/2021 RTL: 11/19/2021 Begin Con: 5/25/2022
Carryover			Subtotal: \$6,600	\$2,545		
			Total Project Cost:	\$9,145		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 88 Location(s)

04-Santa Clara-280 R0.0/L5.4 1492D 0416000024	In and near San Jose, from Route 101 to Route 17/880 Separation. Pave extended gore areas and narrow strips to improve highway worker safety.	4J960 2021-22	R/W: \$170 Con: \$3,835	PA&ED: \$780 PS&E: \$770 R/W Sup: \$62 Con Sup: \$503	Prior Prior 21-22 21-22	PA&ED: 6/1/2020 R/W Cert: 11/30/2021 RTL: 12/1/2021 Begin Con: 8/1/2022
Carryover			Subtotal: \$4,005	\$2,115		
			Total Project Cost:	\$6,120		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 39 Location(s)

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

04-Santa Clara-82 18.2/26.4 1495G 0416000020	In Sunnyvale, Mountain View, Los Altos, and Palo Alto, from Knickerbocker Drive to San Mateo County line. Upgrade pedestrian facilities to make compliant with the Americans with Disabilities Act (ADA) standards. Replace pedestrian push buttons and signal heads with Accessible Pedestrian Signals (APS) and countdown timers, and refresh crosswalk markings to enhance pedestrian safety.	0K010 2021-22	R/W: \$1,614 Con: \$7,793	PA&ED: \$1,300 PS&E: \$1,700 R/W Sup: \$706 Con Sup: \$1,713	Prior 20-21 20-21 21-22	PA&ED: 4/30/2020 R/W Cert: 11/17/2021 RTL: 12/1/2021 Begin Con: 5/27/2022
<i>Carryover</i>			Subtotal: \$9,407	\$5,419		
			Total Project Cost:	\$14,826		
				Program 201.361	Americans with Disabilities Act New Curb Ramps	
			Project Output(s)	2	Curb ramp(s)	

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

BRIDGE PRESERVATION

04-Santa Clara-9 4.9 0386F 0412000409	Near Saratoga, at Saratoga Creek Bridge No. 37-0074. Replace bridge.	3G630 2021-22	R/W: \$6,779 Con: \$11,668	PA&ED: \$2,800 PS&E: \$4,200 R/W Sup: \$1,200 Con Sup: \$1,526	Prior Prior Prior 21-22	PA&ED: 10/15/2019 R/W Cert: 10/1/2021 RTL: 3/4/2022 Begin Con: 10/15/2022
<i>Carryover</i>			Subtotal: \$18,447	\$9,726		
			Total Project Cost:	\$28,173		
				Program 201.110	Bridge Major Rehabilitation	
			Project Output(s)	1	Bridge(s)	

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4,223.0	4,223.0	Square feet
Post Condition	4,223.0	0.0	0.0	4,223.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 37-0074	Fair	Good

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY	FY	
04-Santa Clara-17 6.2/6.6 2021L 0418000031	In Los Gatos, at Santa Cruz Avenue Undercrossing No. 37-0124L (PM 6.16) and Main Street Overcrossing No. 37 -0117 (PM 6.55). Upgrade bridge rails.	0P970 2023-24	R/W: \$26 Con: \$4,879	PA&ED: \$675 PS&E: \$1,453 R/W Sup: \$17 Con Sup: \$1,471	20-21 21-22 21-22 23-24	PA&ED: 5/30/2022 R/W Cert: 11/30/2023 RTL: 12/29/2023 Begin Con: 6/30/2024	
New			Subtotal: \$4,905 Total Project Cost:	\$3,616 \$8,521			

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,423.0 Linear feet
2 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,423.0	1,423.0	Linear feet rail
Post Condition	1,423.0	0.0	0.0	1,423.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 37-0117	Good	Good
Bridge No. 37-0124L	Good	Good

04-Santa Clara-82 R11.4/26.4 2021B 0418000032	In the cities of Santa Clara and Palo Alto, at De La Cruz Boulevard Overcrossing (OC) No. 37-0214 (PM R11.38), Mayfield Pedestrian Undercrossing (UC) No. 37-0091 (PM 24.15), University Avenue OC No. 37 -0092 (PM 25.88), and San Francisquito Creek Bridge No. 37-0018 (PM 26.36). Upgrade bridge rails at three locations and abandon the Mayfield Pedestrian UC.	0P980 2022-23	R/W: \$43 Con: \$1,922	PA&ED: \$638 PS&E: \$1,533 R/W Sup: \$30 Con Sup: \$1,031	20-21 21-22 21-22 22-23	PA&ED: 2/3/2022 R/W Cert: 3/31/2023 RTL: 5/1/2023 Begin Con: 11/1/2023
New			Subtotal: \$1,965 Total Project Cost:	\$3,232 \$5,197		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 646.0 Linear feet
4 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	646.0	646.0	Linear feet rail
Post Condition	646.0	0.0	0.0	646.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 37-0018	Fair	Fair
Bridge No. 37-0091	Good	Good
Bridge No. 37-0092	Good	Good
Bridge No. 37-0214	Fair	Fair

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation			Milestones
					FY	FY	FY	
04-Santa Clara-880 1.7/1.8 2023K 0418000290	In San Jose, at Park Avenue Overcrossing No. 37-0127 (PM 1.73). Upgrade bridge rails and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1Q520 2022-23	R/W: \$263 Con: \$1,539	PA&ED: \$418 PS&E: \$916 R/W Sup: \$57 Con Sup: \$529	20-21 21-22 21-22 22-23	20-21 21-22 21-22 22-23	PA&ED: 11/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 9/1/2023	
<i>New</i>			Subtotal: \$1,802 Total Project Cost:	\$1,920 \$3,722				

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 398.0 Linear feet
1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Rail)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	398.0	398.0	Linear feet rail
Post Condition	398.0	0.0	0.0	398.0	Linear feet rail

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 37-0127	Good	Good

ROADWAY PRESERVATION

04-Santa Clara-82 19.2/26.4 1498F 0416000023	In Mountain View, Los Altos, and Palo Alto, from 0.05 mile north of Route 237 to Sand Hill Road. Pavement rehabilitation.	4J890 2021-22	R/W: \$360 * Con: \$22,885	PA&ED: \$888 PS&E: \$1,974 R/W Sup: \$99 * Con Sup: \$1,974	Prior 20-21 20-21 21-22	PA&ED: 4/30/2020 R/W Cert: 11/17/2021 RTL: 12/1/2021 Begin Con: 5/27/2022
<i>Carryover</i>	(G13 Contingency)		Subtotal: \$23,245 Total Project Cost:	\$4,935 \$28,180		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 43.0 Lane mile(s)

<u>Primary Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10.3	32.7	43.0	Lane mile(s)
Post Condition	43.0	0.0	0.0	43.0	Lane mile(s)

V4.0 2020 SHOPP Project List
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Santa Clara-280 R0.0/R2.7 2023G 0418000279	In San Jose, from Route 680 to Route 87. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, rehabilitate drainage systems, and upgrade guardrail and Transportation Management System (TMS) elements.	1Q460 2022-23	R/W: \$41 Con: \$19,322	PA&ED: \$1,199 PS&E: \$2,307 R/W Sup: \$20 Con Sup: \$2,152	20-21 21-22 21-22 22-23	PA&ED: 3/1/2022 R/W Cert: 4/13/2023 RTL: 5/1/2023 Begin Con: 11/20/2023
New			Subtotal: \$19,363 Total Project Cost:	\$5,678 \$25,041		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.3	18.0	0.0	18.3	Lane mile(s)
Post Condition	18.3	0.0	0.0	18.3	Lane mile(s)

04-Santa Clara-87 0.0/6.1 1492C 0416000010	In San Jose, from Route 85 to West Julian Street. Roadway rehabilitation. (G13 Contingency)	4J910 2021-22	R/W: \$304 * Con: \$55,263	PA&ED: \$2,767 PS&E: \$4,425 R/W Sup: \$50 * Con Sup: \$6,581	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 4/1/2022 RTL: 4/30/2022 Begin Con: 2/1/2023
Carryover			Subtotal: \$55,567 Total Project Cost:	\$13,823 \$69,390		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 29.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.1	14.1	15.3	29.5	Lane mile(s)
Post Condition	29.5	0.0	0.0	29.5	Lane mile(s)

V4.0 2020 SHOPP Project List
Santa Clara
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Santa Clara-101 R18.7 2026C 0419000026	Near Morgan Hill, at Burnett Avenue and at Cochrane Road (PM R17.89); also in San Jose, on Route 680 at Alum Rock Avenue (PM M1.74). Upgrade pump plants and increase storm water storage at the Alum Rock pump plant.	2Q570 2022-23	R/W: \$10 Con: \$9,575	PA&ED: \$713 PS&E: \$2,021 R/W Sup: \$473 Con Sup: \$2,830	20-21 21-22 21-22 22-23	PA&ED: 10/4/2021 R/W Cert: 2/15/2023 RTL: 3/1/2023 Begin Con: 10/21/2023
New			Subtotal: \$9,585 Total Project Cost:	\$6,037 \$15,622		

Program 201.151 Drainage System Restoration
Project Output(s) 3 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3.0	3.0	Pump plant(s) (ea)
Post Condition	3.0	0.0	0.0	3.0	Pump plant(s) (ea)

04-Santa Clara-152 R16.8/R23.3 2020F 0418000039	Near Gilroy, from 1.9 miles east of Bloomfield Avenue to west of Casa De Frita Parkway at various locations. Rehabilitate drainage systems, upgrade guardrail, and pave roadside areas to prevent vegetation growth and enhance highway worker safety.	0Q050 2023-24	R/W: \$31 Con: \$4,213	PA&ED: \$977 PS&E: \$890 R/W Sup: \$9 Con Sup: \$1,020	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 10/2/2023 RTL: 11/1/2023 Begin Con: 7/1/2024
New			Subtotal: \$4,244 Total Project Cost:	\$2,896 \$7,140		

Program 201.151 Drainage System Restoration
Project Output(s) 5 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	100.0	137.6	131.2	368.8	Linear feet
Post Condition	368.8	0.0	0.0	368.8	Linear feet

V4.0 2020 SHOPP Project List
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(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

04-Santa Clara-237 7.0/8.0 1492A 0416000060	In San Jose, in the eastbound direction from North First Street to Zanker Road. Construct auxiliary lane.	0K240 2021-22	R/W: \$255 Con: \$8,030	PA&ED: \$3,120 PS&E: \$2,080 R/W Sup: \$130 Con Sup: \$1,560	Prior Prior Prior 21-22	PA&ED: 12/31/2020 R/W Cert: 5/15/2022 RTL: 6/1/2022 Begin Con: 2/1/2023
<i>Carryover</i>			Subtotal: \$8,285	\$6,890		
			Total Project Cost:	\$15,175		

Program 201.310 Operational Improvements
Project Output(s) 521.0 Daily vehicle hour(s) of delay (DVHD)

04-Santa Clara-237 7.0/8.0 1492B 0416000061	In San Jose, in the westbound direction from Zanker Road to North First Street. Construct auxiliary lane.	0K250 2021-22	R/W: \$57,823 Con: \$13,819	PA&ED: \$3,120 PS&E: \$2,080 R/W Sup: \$481 Con Sup: \$1,750	Prior 20-21 20-21 21-22	PA&ED: 12/31/2020 R/W Cert: 5/15/2022 RTL: 6/1/2022 Begin Con: 2/1/2023
<i>Carryover</i>			Subtotal: \$71,642	\$7,431		
			Total Project Cost:	\$79,073		

SB1 Baseline Agreement Required

Program 201.310 Operational Improvements
Project Output(s) 332.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

04-Santa Clara-101	In the cities of San Jose, Santa Clara,	4J930	R/W: \$15	PA&ED: \$375	Prior	PA&ED: 10/10/2019
R26.4/46.4	and Sunnyvale, from Route 85 to	2021-22	Con: \$2,009	PS&E: \$500	Prior	R/W Cert: 5/27/2021
2020J	Route 237; also on Route 85 (PM			R/W Sup: \$63	Prior	RTL: 7/27/2021
0416000017	0.0/1.1) and Route 237 (PM 2.2/R4.9).			Con Sup: \$625	21-22	Begin Con: 2/18/2022
	Repair and modernized roadside		Subtotal: \$2,024			
Carryover	irrigation facilities.		Total Project Cost:		\$1,563	
					\$3,587	

Program 201.210 Highway Planting Restoration
Project Output(s) 12.0 Acre(s)

Santa Clara County

R/W: \$67,944	PA&ED: \$25,006
Const: \$206,721	PS&E: \$33,887
	R/W Sup: \$3,722
	Con Sup: \$32,387
Subtotal: \$274,665	\$95,002
Total (Capital + Support):	\$369,667

V4.0 2020 SHOPP Project List
Santa Cruz
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

05-Santa Cruz-9 1.0 2874 0518000125	In and near the city of Santa Cruz, at north of Vernon Street; also at south of Glengary Road (PM 4.0). Construct sidehill viaducts, restore roadway and facilities, provide erosion control.	1K120 2021-22	R/W: \$46 Con: \$9,917	PA&ED: \$1,214 PS&E: \$3,851 R/W Sup: \$55 Con Sup: \$3,148	Prior 20-21 21-22	PA&ED: 3/24/2021 R/W Cert: 11/8/2021 RTL: 4/4/2022 Begin Con: 10/5/2022
<i>Carryover</i>			Subtotal: \$9,963	\$8,268		
			Total Project Cost:	\$18,231		

Program 201.131 Permanent Restoration
Project Output(s) 2 Location(s)

05-Santa Cruz-9 10.8 2847 0518000115	Near Brookdale, south of Western Avenue. Construct side hill viaduct extension with cutoff retaining wall, restore roadway and facilities, and install permanent erosion control.	1K060 2021-22	R/W: \$60 Con: \$3,280	PA&ED: \$756 PS&E: \$1,621 R/W Sup: \$95 Con Sup: \$1,098	Prior Prior Prior 21-22	PA&ED: 3/10/2020 R/W Cert: 7/1/2021 RTL: 7/1/2021 Begin Con: 10/27/2021
<i>Carryover</i>			Subtotal: \$3,340	\$3,570		
			Total Project Cost:	\$6,910		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Santa Cruz
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Cruz-9 20.0 2876 0518000126	Near Boulder Creek, 1.1 miles south of Route 236. Construct tieback wall, restore roadway and drainage facilities, and install permanent erosion control measures.	1K130 2020-21	R/W: \$11 Con: \$3,621	PA&ED: \$620 PS&E: \$1,916 R/W Sup: \$212 Con Sup: \$1,250	Prior Prior Prior 20-21	PA&ED: 6/28/2019 R/W Cert: 11/10/2020 RTL: 11/13/2020 Begin Con: 4/13/2021
<i>Carryover</i>			Subtotal: \$3,632	\$3,998		
			Total Project Cost:	\$7,630		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

05-Santa Cruz-17 8.2 2852 0518000117	Near Scotts Valley, south of Sugarleaf Road. Stabilize eroded side cut slope by grading and dewatering.	1K070 2021-22	R/W: \$50 Con: \$4,271	PA&ED: \$721 PS&E: \$1,288 R/W Sup: \$75 Con Sup: \$1,033	Prior Prior Prior 21-22	PA&ED: 3/30/2020 R/W Cert: 7/14/2021 RTL: 12/31/2021 Begin Con: 8/12/2022
<i>Carryover</i>			Subtotal: \$4,321	\$3,117		
			Total Project Cost:	\$7,438		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Santa Cruz
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

05-Santa Cruz-9 8.5/25.5 2627 0516000005	Near Ben Lomond, from Holiday Lane to 4.7 miles north of the northern junction of Routes 236/9. Replace failed culverts systems and construct energy dissipaters.	1G950 2021-22	R/W: \$271 Con: \$5,361	PA&ED: \$1,445 PS&E: \$2,377 R/W Sup: \$1,078 Con Sup: \$2,025	Prior 20-21 20-21 21-22	PA&ED: 8/3/2020 R/W Cert: 3/1/2022 RTL: 3/29/2022 Begin Con: 9/7/2022
<i>Carryover</i>			Subtotal: \$5,632	\$6,925		
			Total Project Cost:	\$12,557		

Program 201.335 Storm Water Mitigation
Project Output(s) 16.0 Acre(s) treated/pollutant

05-Santa Cruz-152 1.9/R2.0 2530 0514000039	Near Watsonville, from 0.1 mile east of Beverly Drive to Holohan Road/College Road. Construct pedestrian bridge next to the Corralitos Creek Bridge, concrete barrier, retaining wall, curb, gutter and sidewalk to meet Americans with Disabilities Act (ADA) standards.	1F620 2021-22	R/W: \$247 Con: \$3,205	PA&ED: \$1,621 PS&E: \$2,430 R/W Sup: \$376 Con Sup: \$1,776	Prior 20-21 20-21 21-22	PA&ED: 5/27/2020 R/W Cert: 2/23/2022 RTL: 4/1/2022 Begin Con: 10/4/2022
<i>Carryover</i>			Subtotal: \$3,452	\$6,203		
			Total Project Cost:	\$9,655		

Program 201.361 Americans with Disabilities Act New Curb Ramps
Project Output(s) 5 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	5.0	5.0	Each
Post Condition	5.0	0.0	0.0	5.0	Each

V4.0 2020 SHOPP Project List
Santa Cruz
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

05-Santa Cruz-9 13.6/15.5 2655 0516000078	Near Boulder Creek, at San Lorenzo River Bridge No. 36-0052 (PM 13.61) and Kings Creek Bridge No. 36-0054 (PM 15.49). Replace bridges to maintain standards of safety and reliability. (G13 Contingency)	1H470 2021-22	R/W: \$660 * Con: \$11,928	PA&ED: \$2,692 PS&E: \$2,884 R/W Sup: \$888 * Con Sup: \$4,158	Prior Prior Prior 21-22	PA&ED: 8/24/2020 R/W Cert: 1/24/2022 RTL: 1/24/2022 Begin Con: 7/1/2022
Carryover			Subtotal: \$12,588	\$10,622		
			Total Project Cost:	\$23,210		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	1,615.0	2,454.0	4,069.0	Square feet
Post Condition	4,069.0	0.0	0.0	4,069.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 36-0052	Fair	Good
Bridge No. 36-0054	Poor	Good

05-Santa Cruz-1 13.3 2736 0516000079	In Capitola, at Soquel Creek Bridge No. 36-0013. Place Rock Slope Protection (RSP) to protect bridge foundation.	1H480 2021-22	R/W: \$546 Con: \$2,228	PA&ED: \$1,591 PS&E: \$1,370 R/W Sup: \$196 Con Sup: \$1,772	Prior Prior Prior 21-22	PA&ED: 12/31/2019 R/W Cert: 4/29/2021 RTL: 7/1/2021 Begin Con: 2/1/2022
Carryover			Subtotal: \$2,774	\$4,929		
			Total Project Cost:	\$7,703		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	32,787.0	0.0	32,787.0	Square feet
Post Condition	32,787.0	0.0	0.0	32,787.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 36-0013	Fair	Good

V4.0 2020 SHOPP Project List
Santa Cruz
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

05-Santa Cruz-129 L0.0/0.6 2775 0518000078	In and near Watsonville, from Route 1 to east of Blackburn Street. Rehabilitate pavement and lighting, replace sign panels, and install Transportation Management System (TMS) elements.	1J830 2023-24	R/W: \$641 Con: \$7,296	PA&ED: \$1,143 PS&E: \$2,292 R/W Sup: \$1,778 Con Sup: \$1,659	20-21 21-22 21-22 23-24	PA&ED: 2/1/2022 R/W Cert: 4/2/2024 RTL: 5/1/2024 Begin Con: 1/8/2025
New			Subtotal: \$7,937	\$6,872		
			Total Project Cost:	\$14,809		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 6.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	6.8	0.0	6.8	Lane mile(s)
Post Condition	6.8	0.0	0.0	6.8	Lane mile(s)

05-Santa Cruz-1 R0.0/R7.9 2926 0518000239	In and near Watsonville, from Monterey County line to north of Larkin Valley Road; also in Monterey County (PM R101.53). Rehabilitate drainage systems and lighting, install Transportation Management System (TMS) elements, pave areas behind the gore and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and enhance highway worker safety.	1K640 2023-24	R/W: \$20 Con: \$10,652	PA&ED: \$1,570 PS&E: \$2,456 R/W Sup: \$43 Con Sup: \$1,813	20-21 22-23 22-23 23-24	PA&ED: 10/24/2022 R/W Cert: 3/1/2024 RTL: 4/1/2024 Begin Con: 10/1/2024
New			Subtotal: \$10,672	\$5,882		
			Total Project Cost:	\$16,554		

Program 201.151 Drainage System Restoration
Project Output(s) 27 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	45.1	776.6	2,167.8	2,989.5	Linear feet
Post Condition	2,989.5	0.0	0.0	2,989.5	Linear feet

V4.0 2020 SHOPP Project List
Santa Cruz
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Cruz-1 8.2/26.0 2843 0518000093	In and near the cities of Capitola and Santa Cruz, from north of Larkin Valley Road Undercrossing to Laguna Road; also in Monterey County (PM R101.53). Rehabilitate drainage systems, enhance highway worker safety, replace lighting and install Transportation Management System (TMS) elements.	1J960 2023-24	R/W: \$174 Con: \$14,389	PA&ED: \$2,206 PS&E: \$3,264 R/W Sup: \$779 Con Sup: \$3,209	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 4/1/2024 RTL: 5/1/2024 Begin Con: 11/1/2024
New			Subtotal: \$14,563	\$9,458		
			Total Project Cost:	\$24,021		

Program 201.151 Drainage System Restoration
Project Output(s) 42 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	1,794.0	2,038.0	3,832.0	Linear feet
Post Condition	3,832.0	0.0	0.0	3,832.0	Linear feet

05-Santa Cruz-1 31.9/35.7 1967 0512000069	Near Davenport, from 1.4 miles north of Swanton Road to 0.6 mile south of Waddell Creek. Replace and upgrade existing Corrugated Metal Pipe (CMP) culverts with Reinforced Concrete Pipe (RCP) culverts.	0J200 2021-22	R/W: \$262 Con: \$8,205	PA&ED: \$964 PS&E: \$1,940 R/W Sup: \$344 Con Sup: \$1,365	Prior Prior Prior 21-22	PA&ED: 10/28/2019 R/W Cert: 4/12/2021 RTL: 8/12/2021 Begin Con: 9/17/2021
Carryover			Subtotal: \$8,467	\$4,613		
			Total Project Cost:	\$13,080		

Program 201.151 Drainage System Restoration
Project Output(s) 4 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	680.0	680.0	Linear feet
Post Condition	680.0	0.0	0.0	680.0	Linear feet

V4.0 2020 SHOPP Project List
Santa Cruz
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

05-Santa Cruz-17 9.1/9.9 2593 0514000131	Near Scotts Valley, from 0.4 miles south of Laurel Road to 0.5 miles north of Laurel Road. Construct wildlife undercrossing. Funding for PA&ED, PS&E and R/W only. Local contributions to fund remaining components.	1G260 2020-21	R/W: \$138 Con:	PA&ED: \$738 PS&E: \$2,013 R/W Sup: \$226 Con Sup:	Prior Prior Prior	PA&ED: 5/29/2018 R/W Cert: 8/17/2020 RTL: 2/8/2021 Begin Con: 9/22/2021
<i>Carryover</i>			Subtotal: \$138	\$2,977		
			Total Project Cost:	\$3,115		

Program 201.240 Roadside Enhancement
Project Output(s) 1 Location(s)

Santa Cruz County

R/W:	\$3,126	PA&ED:	\$17,281
Const:	\$84,353	PS&E:	\$29,702
		R/W Sup:	\$6,145
		Con Sup:	\$24,306
Subtotal:	\$87,479		\$77,434
Total (Capital + Support):			\$164,913

V4.0 2020 SHOPP Project List
Shasta
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

02-Shasta-299 44.3/44.9 3742 0219000027	Near Redding, from 1.9 miles west to 1.3 miles west of Du Bois Road. Curve improvement.	4H930 2021-22	R/W: \$230 Con: \$6,835	PA&ED: \$1,310 PS&E: \$1,290 R/W Sup: \$280 Con Sup: \$1,990	Prior 20-21 20-21 21-22	PA&ED: 12/15/2020 R/W Cert: 12/15/2021 RTL: 2/9/2022 Begin Con: 6/7/2022
			Subtotal: \$7,065	\$4,870		
<i>Carryover</i>			Total Project Cost:	\$11,935		

Program 201.010 Safety Improvements
Project Output(s) 38 Collision(s) reduced

MANDATES

02-Shasta-273 14.9/15.7 3626 0216000033	In Redding, from 0.1 mile north of South Redding Underpass to 0.1 mile north of California Street. Construct Americans with Disabilities Act (ADA) compliant ramps and sidewalks.	1H720 2021-22	R/W: \$402 Con: \$2,400	PA&ED: PS&E: \$1,200 R/W Sup: \$750 Con Sup: \$1,050	Prior Prior 21-22	PA&ED: 9/30/2016 R/W Cert: 7/9/2021 RTL: 8/13/2021 Begin Con: 2/4/2022
			Subtotal: \$2,802	\$3,000		
<i>Carryover</i>			Total Project Cost:	\$5,802		

Americans with Disabilities Act Pedestrian
Program 201.378 Infrastructure
Project Output(s) 19 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	15.0	15.0	Each
Post Condition	19.0	0.0	0.0	19.0	Each

V4.0 2020 SHOPP Project List
Shasta
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

02-Shasta-5	Near Shasta Lake City, from north of	3H680	R/W: \$54	PA&ED: \$890	20-21	PA&ED: 10/6/2021
R28.8/R44.1	Pit River Bridge to 1.8 miles north of	2022-23	Con: \$25,540	PS&E: \$1,090	21-22	R/W Cert: 12/16/2022
3699	Riverview Drive Undercrossing.			R/W Sup: \$80	21-22	RTL: 3/3/2023
0218000006	Rehabilitate pavement, upgrade			Con Sup: \$3,650	22-23	Begin Con: 7/5/2023
	guardrail and Transportation		Subtotal: \$25,594	\$5,710		
New	Management System (TMS) elements,		Total Project Cost:	\$31,304		
	and replace signs.					

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 59.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	58.4	0.6	59.0	Lane mile(s)
Post Condition	59.0	0.0	0.0	59.0	Lane mile(s)

02-Shasta-89	Near Burney, from north of Route 299	4H780	R/W: \$233	PA&ED: \$490	20-21	PA&ED: 5/2/2022
22.0/30.6	to 1.4 miles north of Lake Britton	2023-24	Con: \$8,350	PS&E: \$660	22-23	R/W Cert: 7/3/2023
3737	Bridge. Rehabilitate pavement,			R/W Sup: \$90	22-23	RTL: 7/28/2023
0219000004	construct Maintenance Vehicle			Con Sup: \$630	23-24	Begin Con: 12/26/2023
	Pullouts (MVPs), replace guardrail		Subtotal: \$8,583	\$1,870		
New	and signs, and rehabilitate drainage		Total Project Cost:	\$10,453		
	systems.					

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 21.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.6	20.7	0.0	21.3	Lane mile(s)
Post Condition	21.3	0.0	0.0	21.3	Lane mile(s)

V4.0 2020 SHOPP Project List
Shasta
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY		
02-Shasta-299 24.1/30.3 2711 0218000080	In and near Redding, from Route 299 to east of Hootenanny Lane; also on Route 173 from 0.1 mile south to 0.1 mile north of Lake Boulevard (PM 18.5/18.7). Rehabilitate pavement, upgrade facilities to meet Americans with Disabilities Act (ADA) standards, upgrade Transportation Management System (TMS) elements, and rehabilitate drainage systems.	4H050 2022-23	R/W: \$289 Con: \$19,780	PA&ED: \$850 PS&E: \$900 R/W Sup: \$330 Con Sup: \$1,770	20-21 21-22 21-22 22-23	20-21 21-22 21-22 22-23	PA&ED: 9/1/2021 R/W Cert: 12/1/2022 RTL: 1/26/2023 Begin Con: 5/30/2023
New			Subtotal: \$20,069	\$3,850			
			Total Project Cost:	\$23,919			

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 20.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	20.4	0.0	20.4	Lane mile(s)
Post Condition	20.4	0.0	0.0	20.4	Lane mile(s)

02-Shasta-299 67.8/77.8 3618 0216000036	Near Burney, from 2.6 miles east of Carberry Flat Road to 0.3 mile east of Burney Mountain Power Road. Rehabilitate pavement, upgrade guardrail, and make curbs Americans with Disabilities Act (ADA) compliant.	1H570 2021-22	R/W: \$436 Con: \$11,165	PA&ED: \$1,430 PS&E: \$1,300 R/W Sup: \$1,020 Con Sup: \$2,430	Prior 20-21 Prior 21-22	20-21 21-22	PA&ED: 9/8/2020 R/W Cert: 3/4/2022 RTL: 4/4/2022 Begin Con: 8/30/2022
Carryover			Subtotal: \$11,601	\$6,180			
			Total Project Cost:	\$17,781			

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 21.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	21.4	0.0	21.4	Lane mile(s)
Post Condition	21.4	0.0	0.0	21.4	Lane mile(s)

Shasta County

R/W:	\$1,644	PA&ED:	\$4,970
Const:	\$74,070	PS&E:	\$6,440
		R/W Sup:	\$2,550
		Con Sup:	\$11,520

Subtotal: \$75,714 \$25,480
Total (Capital + Support): \$101,194

V4.0 2020 SHOPP Project List
Sierra
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PROTECTIVE BETTERMENTS

03-Sierra-80	Near Truckee and Floriston, from 1.3	2H010	R/W: \$80	PA&ED: \$370	Prior	PA&ED: 11/1/2019
1.3/1.6	miles east of the Nevada County line	2021-22	Con: \$5,100	PS&E: \$860	Prior	R/W Cert: 10/1/2021
7926	to the Nevada State line. Stabilize			R/W Sup: \$210	Prior	RTL: 10/8/2021
0317000045	cut-slope erosion and prevent rockfall			Con Sup: \$900	21-22	Begin Con: 4/1/2022
	by flattening the slope or installing a		Subtotal: \$5,180	\$2,340		
Carryover	drapery system, concrete barrier, and		Total Project Cost:	\$7,520		
	drainage gutter.					

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

Sierra County

R/W:	\$80	PA&ED:	\$370
Const:	\$5,100	PS&E:	\$860
		R/W Sup:	\$210
		Con Sup:	\$900
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Subtotal:	\$5,180		\$2,340
Total (Capital + Support):			\$7,520

V4.0 2020 SHOPP Project List
Siskiyou
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

02-Siskiyou-5 0.0/R69.2 3507 0213000002	In and near various cities, at various locations, from Shasta County line to Oregon State line (PM R69.293). Enhance traffic safety by improving the roadside clear recovery zone.	4F520 2021-22	R/W: \$95 Con: \$3,540	PA&ED: \$1,000 PS&E: \$1,000 R/W Sup: \$200 Con Sup: \$1,250	Prior 20-21 21-22	PA&ED: 2/18/2020 R/W Cert: 2/19/2021 RTL: 7/7/2021 Begin Con: 8/31/2021
<i>Carryover</i>			Subtotal: \$3,635	\$3,450		
			Total Project Cost:	\$7,085		

Program 201.015 Collision Severity Reduction
Project Output(s) 5 Collision(s) reduced

02-Siskiyou-5 R25.4/R25.9 3657 0216000114	Near Weed, from 0.2 mile south to 0.3 mile north of Weed Airport Safety Roadside Rest Area (SRRA). Upgrade wastewater and water systems.	2H130 2020-21	R/W: \$11 Con: \$1,663	PA&ED: \$260 PS&E: \$770 R/W Sup: \$30 Con Sup: \$680	Prior Prior Prior 20-21	PA&ED: 10/16/2019 R/W Cert: 8/12/2020 RTL: 9/16/2020 Begin Con: 4/14/2021
<i>Carryover</i>			Subtotal: \$1,674	\$1,740		
			Total Project Cost:	\$3,414		

Program 201.235 Roadside Safety Improvements/Freeway Maintenance Access
Project Output(s) 2 Location(s)

V4.0 2020 SHOPP Project List
Siskiyou
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Siskiyou-96 60.8/93.8 3732 0219000001	Near Seiad Valley, from east of Ladd Road to 0.7 mile east of Empire Creek Bridge at various locations. Improve highway worker safety by paving Maintenance Vehicle Pullouts (MVPs), stabilize slopes to prevent sediment runoff, and install new traction sand trap at the Seiad Valley Maintenance Station.	4H660 2022-23	R/W: \$132 Con: \$4,470	PA&ED: \$1,110 PS&E: \$910 R/W Sup: \$670 Con Sup: \$1,000	20-21 21-22 21-22 22-23	PA&ED: 3/9/2022 R/W Cert: 4/3/2023 RTL: 5/4/2023 Begin Con: 11/9/2023
New			Subtotal: \$4,602 Total Project Cost:	\$3,690 \$8,292		
					Program 201.235	Roadside Safety Improvements/Freeway Maintenance Access
					Project Output(s)	104 Location(s)

BRIDGE PRESERVATION

02-Siskiyou-3 38.0/38.6 3546 0214000013	North of Fort Jones, from 0.3 mile south to 0.3 mile north of West Moffett Creek Road at Moffett Creek Bridge No. 02-0042. Bridge replacement.	4G440 2020-21	R/W: \$237 Con: \$6,990	PA&ED: \$1,340 PS&E: \$700 R/W Sup: \$80 Con Sup: \$1,540	Prior Prior Prior 20-21	PA&ED: 8/29/2019 R/W Cert: 7/31/2020 RTL: 8/28/2020 Begin Con: 2/26/2021
Carryover			Subtotal: \$7,227 Total Project Cost:	\$3,660 \$10,887		
					Program 201.110	Bridge Major Rehabilitation
					Project Output(s)	1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	3,100.0	0.0	3,100.0	Square feet
Post Condition	4,400.0	0.0	0.0	4,400.0	Square feet
<u>Bridge Health</u>	<u>Existing Condition</u>		<u>Post Condition</u>		
Bridge No. 02-0042	Fair		Good		

V4.0 2020 SHOPP Project List
Siskiyou
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Siskiyou-5 2.5/3.0 3614 0216000019	In Dunsmuir, from Central Dunsmuir Undercrossing to 0.1 mile north of Siskiyou Avenue at Sacramento River Bridge and Overhead No. 02-0002. Replace southbound bridge deck.	1H480 2021-22	R/W: \$269 Con: \$14,350	PA&ED: \$1,440 PS&E: \$2,660 R/W Sup: \$450 Con Sup: \$3,480	Prior Prior Prior 21-22	PA&ED: 4/15/2020 R/W Cert: 12/21/2021 RTL: 1/21/2022 Begin Con: 7/25/2022
Carryover	This is a Construction Manager/General Contractor (CMGC) project.		Subtotal: \$14,619	\$8,030		
			Total Project Cost:	\$22,649		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	45,241.0	0.0	45,241.0	Square feet
Post Condition	45,241.0	0.0	0.0	45,241.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 02-0002	Fair	Good

02-Siskiyou-5 R8.3 3631 0216000042	Near Mt. Shasta, at Azalea Road Overcrossing No. 02-0126. Rehabilitate bridge.	1H400 2020-21	R/W: \$50 Con: \$1,851	PA&ED: \$320 PS&E: \$750 R/W Sup: \$40 Con Sup: \$710	Prior Prior Prior 20-21	PA&ED: 10/7/2019 R/W Cert: 9/25/2020 RTL: 10/26/2020 Begin Con: 4/10/2021
Carryover			Subtotal: \$1,901	\$1,820		
			Total Project Cost:	\$3,721		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	8,945.0	0.0	8,945.0	Square feet
Post Condition	8,945.0	0.0	0.0	8,945.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 02-0126	Fair	Good

V4.0 2020 SHOPP Project List
Siskiyou
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Siskiyou-96 43.4/57.0 3620 0216000025	Near Happy Camp, from 0.9 mile west to 0.4 mile west of Gordons Ferry Road at Cade Creek (PM 43.4/43.8); also near Seiad Valley at Portuguese Creek (PM 57.0). Replace deteriorated large-diameter culverts with natural-bottom structures, reduce fish passage barriers, and adjust new approaches.	1H590 2023-24	R/W: \$48 Con: \$6,760	PA&ED: \$1,720 PS&E: \$2,740 R/W Sup: \$160 Con Sup: \$2,840	Prior 21-22 21-22 23-24	PA&ED: 9/7/2021 R/W Cert: 12/29/2023 RTL: 1/29/2024 Begin Con: 7/2/2024
Carryover			Subtotal: \$6,808 Total Project Cost:	\$7,460 \$14,268		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	5,625.0	0.0	0.0	5,625.0	Square feet

Bridge Health Existing Condition Post Condition

Bridge No. 02-xxxx	Good	
Bridge No. 02-xxxx	Good	

02-Siskiyou-96 76.8/78.0 3629 0216000040	Near Horse Creek, at Horse Creek Bridge No. 02-0117, from 0.4 mile west of Klamath River Bridge to 2.0 miles west of Kohl Creek. Replace bridge on new alignment to correct scour critical conditions, improve safety, and reduce operational deficiencies.	1H360 2023-24	R/W: \$993 Con: \$19,760	PA&ED: \$2,640 PS&E: \$2,810 R/W Sup: \$830 Con Sup: \$4,300	Prior 21-22 21-22 23-24	PA&ED: 9/1/2021 R/W Cert: 3/1/2023 RTL: 10/2/2023 Begin Con: 4/26/2024
Carryover			Subtotal: \$20,753 Total Project Cost:	\$10,580 \$31,333		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 1 Bridge(s)

**Primary Asset
(Scour)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12,572.0	12,572.0	Square feet
Post Condition	12,572.0	0.0	0.0	12,572.0	Square feet

Bridge Health Existing Condition Post Condition

Bridge No. 02-0117	Fair	Good
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V4.0 2020 SHOPP Project List
Siskiyou
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

02-Siskiyou-3 R46.8/R48.0 3643 0217000009	In Yreka, from 0.4 mile north of Laura Lane to Juniper Drive; also on Route 263, from Route 3 to 1.0 mile south of Long Gulch Road (PM 49.07/49.41).	1H520 2021-22	R/W: \$1,482 * Con: \$52,950	PA&ED: \$1,830 PS&E: \$2,200 R/W Sup: \$5,880 * Con Sup: \$9,650	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 3/7/2022 RTL: 3/21/2022 Begin Con: 7/21/2022
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Carryover

Reconstruct pavement structural section, replace sidewalk, driveways, curb ramps and pedestrian signals to meet current Americans with Disabilities Act (ADA) standards, designate bikeways with new signage and pavement delineation. This is a Construction Manager/General Contractor (CMGC) project.

Subtotal: \$54,432 \$19,560
Total Project Cost: \$73,992

* Construction Capital and * Construction Support phases are NOT authorized
 SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 13.0 Lane mile(s)

Primary Asset

(G13 Contingency)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	8.8	4.2	13.0	Lane mile(s)
Post Condition	13.0	0.0	0.0	13.0	Lane mile(s)

02-Siskiyou-5 R25.2/R38.6 3697 0218000004	Near Weed, from North Edgewood Overhead to north of Grenada Overcrossing. Rehabilitate pavement, replace signs, add lighting, upgrade guardrail and Transportation Management System (TMS) elements, and rehabilitate drainage systems.	3H650 2022-23	R/W: \$235 Con: \$20,350	PA&ED: \$2,270 PS&E: \$1,890 R/W Sup: \$40 Con Sup: \$3,250	20-21 21-22 21-22 22-23	PA&ED: 10/15/2021 R/W Cert: 11/3/2022 RTL: 12/1/2022 Begin Con: 4/27/2023
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New

Subtotal: \$20,585 \$7,450
Total Project Cost: \$28,035

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 53.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	53.0	0.0	53.0	Lane mile(s)
Post Condition	53.0	0.0	0.0	53.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Siskiyou
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Siskiyou-97 45.0/54.1 3712 0218000067	In and near Dorris, from south of Sams Neck Road to Oregon State line (PM 45.0/54.089). Rehabilitate pavement and upgrade facilities to meet Americans with Disabilities Act (ADA) standards, and upgrade guardrail and Transportation Management System (TMS) elements.	4H000 2022-23	R/W: \$188 Con: \$10,700	PA&ED: \$920 PS&E: \$900 R/W Sup: \$500 Con Sup: \$1,120	20-21 21-22 21-22 22-23	PA&ED: 11/3/2021 R/W Cert: 2/2/2023 RTL: 3/22/2023 Begin Con: 9/12/2023
New			Subtotal: \$10,888	\$3,440		
			Total Project Cost:	\$14,328		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 20.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.6	19.4	0.0	20.0	Lane mile(s)
Post Condition	20.0	0.0	0.0	20.0	Lane mile(s)

02-Siskiyou-5 2.7/R15.9 3685 0217000097	In and near Dunsmuir and Mt. Shasta, from Sacramento River Bridge Overhead to Black Butte Overhead. Roadway rehabilitation. This is a Construction Manager/General Contractor (CMGC) project.	3H320 2021-22	R/W: \$135 * Con: \$116,040	PA&ED: \$1,620 PS&E: \$5,090 R/W Sup: \$80 * Con Sup: \$12,860	Prior 20-21 20-21 21-22	PA&ED: 10/2/2020 R/W Cert: 10/4/2021 RTL: 3/10/2022 Begin Con: 9/27/2022
Carryover	(G13 Contingency)		Subtotal: \$116,175	\$19,650		
			Total Project Cost:	\$135,825		

* Construction Capital and * Construction Support phases are NOT authorized
 SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 25.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2.4	23.0	0.0	25.4	Lane mile(s)
Post Condition	25.4	0.0	0.0	25.4	Lane mile(s)

V4.0 2020 SHOPP Project List
Siskiyou
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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FACILITIES

02-Siskiyou-3 L47.4 3644 0217000013	In Yreka, at the Yreka Maintenance Station. Construct new mechanic shop.	1H710 2023-24	R/W: \$8 Con: \$4,490	PA&ED: \$760 PS&E: \$1,290 R/W Sup: \$50 Con Sup: \$1,910	20-21 21-22 21-22 23-24	PA&ED: 12/27/2021 R/W Cert: 12/27/2022 RTL: 7/7/2023 Begin Con: 12/12/2023
			Subtotal: \$4,498	\$4,010		
New			Total Project Cost:	\$8,508		

Program 201.351 Equipment Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	6,300.0	6,300.0	Square feet
Post Condition	6,300.0	0.0	0.0	6,300.0	Square feet

Siskiyou County

R/W:	\$3,883	PA&ED:	\$17,230
Const:	\$263,914	PS&E:	\$23,710
		R/W Sup:	\$9,010
		Con Sup:	\$44,590
Subtotal:	\$267,797		\$94,540
Total (Capital + Support):			\$362,337

V4.0 2020 SHOPP Project List
Solano
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

04-Solano-Var 1493H 0416000050	In Solano County on Routes 12, 29, 37, 80, 113, 505, and 780 at various locations. Enhance pedestrian safety by installing Accessible Pedestrian Signal (APS) systems and countdown timers and upgrading crosswalk markings.	0K100 2023-24	R/W: \$20 Con: \$3,263	PA&ED: \$390 PS&E: \$555 R/W Sup: \$22 Con Sup: \$950	20-21 22-23 22-23 23-24	PA&ED: 9/30/2022 R/W Cert: 2/15/2024 RTL: 3/15/2024 Begin Con: 1/20/2025
			Subtotal: \$3,283	\$1,917		
New			Total Project Cost:	\$5,200		

Program 201.015 Collision Severity Reduction
Project Output(s) 5 Collision(s) reduced

04-Solano-Var 1464J 0417000518	In Solano County, on Routes 29, 37, 80, and 780 at various locations. Enhance pedestrian and bicyclist safety by installing flashing beacon systems and upgrading crosswalk markings.	0P760 2023-24	R/W: \$98 Con: \$5,963	PA&ED: \$604 PS&E: \$840 R/W Sup: \$65 Con Sup: \$1,006	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 1/8/2024 RTL: 2/5/2024 Begin Con: 9/2/2024
			Subtotal: \$6,061	\$2,515		
New			Total Project Cost:	\$8,576		

Program 201.015 Collision Severity Reduction
Project Output(s) 8 Collision(s) reduced

V4.0 2020 SHOPP Project List
Solano
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

04-Solano-Var 2030D 0419000035 New	In Solano County, on various routes at various locations. Construct permanent Best Management Practices (BMPs) to achieve Statewide National Pollution Discharge Elimination System (NPDES) permit compliance units for trash capture. Financial Contribution Only (FCO) to the Vallejo Flood and Wastewater District.	2Q660 2022-23	R/W: Con: \$5,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$271 20-21	PA&ED: R/W Cert: RTL: Begin Con:
			Subtotal: \$5,000	\$271		
			Total Project Cost:	\$5,271		
			Program	201.335 Storm Water Mitigation		
			Project Output(s)	113.1 Acre(s) treated/pollutant		

04-Solano-80 R11.3/38.0 2026G 0418000049 New	In and near Fairfield, Vacaville, and Dixon, from Red Top Road to Route 113 at various locations; also on Route 680 near Benicia and Fairfield, from Contra Costa County line to Route 80 (PM R0.0R/13.0) at various locations. Construct permanent Best Management Practices (BMPs) to achieve Statewide National Pollution Discharge Elimination System (NPDES) permit compliance units for trash capture. (Design-Build)	0Q190 2022-23	R/W: \$69 Con: \$4,980	PA&ED: \$1,009 PS&E: \$1,534 R/W Sup: \$21 Con Sup: \$2,387	20-21 21-22 21-22 22-23	PA&ED: 4/1/2022 R/W Cert: 3/1/2023 RTL: 3/31/2023 Begin Con: 10/24/2023
			Subtotal: \$5,049	\$4,951		
			Total Project Cost:	\$10,000		
			Program	201.335 Storm Water Mitigation		
			Project Output(s)	23.0 Acre(s) treated/pollutant		

V4.0 2020 SHOPP Project List
Solano
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

04-Solano-128 0.7 2024F 0418000297	Near Winters, at Putah Creek Bridge No. 23-0099 (PM 0.72). Rehabilitate bridges by upgrading bridge rails and overlying bridge deck.	1Q570 2023-24	R/W: \$60 Con: \$4,587	PA&ED: \$801 PS&E: \$1,936 R/W Sup: \$140 Con Sup: \$1,506	20-21 22-23 22-23 23-24	PA&ED: 8/1/2022 R/W Cert: 1/25/2024 RTL: 2/1/2024 Begin Con: 9/9/2024
			Subtotal: \$4,647	\$4,383		
New			Total Project Cost:	\$9,030		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 489.0 Linear feet
1 Bridge(s)

Primary Asset

(Bridge Rail)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	489.0	489.0	Linear feet rail
Post Condition	489.0	0.0	0.0	489.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 23-0099	Good	Good
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04-Solano-80 34.5 0480N 0414000017	In and near Dixon and Vacaville, at McCune Creek Bridge No. 23 -0084L/R; also on Route 505 at Horse Creek Bridge No. 23-0077L. Bridge preventative maintenance.	0J600 2020-21	R/W: \$715 Con: \$4,317	PA&ED: \$990 PS&E: \$880 R/W Sup: \$66 Con Sup: \$1,773	Prior Prior Prior 20-21	PA&ED: 3/22/2019 R/W Cert: 9/21/2020 RTL: 9/25/2020 Begin Con: 4/14/2021
			Subtotal: \$5,032	\$3,709		
Carryover			Total Project Cost:	\$8,741		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 3 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	12,528.0	1,216.0	11,646.0	25,390.0	Square feet
Post Condition	25,390.0	0.0	0.0	25,390.0	Square feet

Bridge Health Existing Condition Post Condition

Bridge No. 23-0077L	Poor	Good
Bridge No. 23-0084L	Fair	Good
Bridge No. 23-0084R	Fair	Good

V4.0 2020 SHOPP Project List
Solano
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Solano-84 2.5 0480D 0413000081	Near Rio Vista, at the Cache Slough Ferry Crossing. Upgrade the existing fender systems, concrete ramps, and swing gate systems, modify the ferry boat deck surface, and install traffic counter and Vehicle Detection Systems (VDS).	4H060 2021-22	R/W: \$350 Con: \$12,630	PA&ED: \$2,080 PS&E: \$2,080 R/W Sup: \$260 Con Sup: \$2,080	Prior 20-21 20-21 21-22	PA&ED: 4/1/2021 R/W Cert: 5/1/2022 RTL: 6/1/2022 Begin Con: 12/19/2022
Carryover			Subtotal: \$12,980	\$6,500		
			Total Project Cost:	\$19,480		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,305.0	3,305.0	Square feet
Post Condition	3,305.0	0.0	0.0	3,305.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 23-0034	Fair	Good

ROADWAY PRESERVATION

04-Solano-12 20.6/26.4 0480P 0414000020	In and near Rio Vista, from Currie Road to Sacramento County line. Roadway rehabilitation.	0J630 2021-22	R/W: \$2,983 * Con: \$73,200	PA&ED: \$5,780 PS&E: \$5,780 R/W Sup: \$2,890 * Con Sup: \$11,560	Prior Prior Prior 21-22	PA&ED: 10/1/2019 R/W Cert: 1/1/2022 RTL: 2/1/2022 Begin Con: 8/1/2022
Carryover	(G13 Contingency)		Subtotal: \$76,183	\$26,010		
			Total Project Cost:	\$102,193		

* Construction Capital and * Construction Support phases are NOT authorized
SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 9.7 Lane mile(s)

<u>Primary Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	9.7	0.0	9.7	Lane mile(s)
Post Condition	9.7	0.0	0.0	9.7	Lane mile(s)

V4.0 2020 SHOPP Project List
Solano
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Solano-29 0.0/6.0 2027C 0419000021	In Vallejo, from Route 80 to Napa County line (PM 0.0/5.955). Rehabilitate pavement and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2Q520 2022-23	R/W: \$200 Con: \$24,059	PA&ED: \$1,571 PS&E: \$2,608 R/W Sup: \$231 Con Sup: \$3,416	20-21 21-22 21-22 22-23	PA&ED: 4/4/2022 R/W Cert: 6/12/2023 RTL: 6/19/2023 Begin Con: 1/29/2024
New			Subtotal: \$24,259	\$7,826		
			Total Project Cost:	\$32,085		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	24.4	0.0	24.4	Lane mile(s)
Post Condition	24.4	0.0	0.0	24.4	Lane mile(s)

04-Solano-80 15.0/30.7 1494F 0416000112	In and near Fairfield and Vacaville, from 1.5 miles east of Suisun Valley Road/Pittman Road to 0.8 mile east of Leisure Town Road/Vaca Valley Parkway. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade guardrail and Transportation Management System (TMS) elements.	0K640 2023-24	R/W: \$25 Con: \$25,043	PA&ED: \$1,276 PS&E: \$1,456 R/W Sup: \$29 Con Sup: \$4,064	20-21 21-22 21-22 23-24	PA&ED: 4/4/2022 R/W Cert: 9/4/2023 RTL: 10/2/2023 Begin Con: 4/1/2024
New			Subtotal: \$25,068	\$6,825		
			Total Project Cost:	\$31,893		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 28.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	28.0	28.0	Lane mile(s)
Post Condition	28.0	0.0	0.0	28.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Solano
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Solano-12 7.9/14.1 2027D 0419000024	Near Suisun City, from 0.5 mile west of Walters Road to 0.5 mile west of Lambie Road/Shiloh Road. Rehabilitate roadway and upgrade guardrail.	2Q550 2023-24	R/W: \$10 Con: \$23,478	PA&ED: \$2,136 PS&E: \$3,198 R/W Sup: \$68 Con Sup: \$3,493	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 4/1/2024 RTL: 5/1/2024 Begin Con: 11/1/2024
			Subtotal: \$23,488	\$8,895		
New			Total Project Cost:	\$32,383		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 12.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.3	12.6	0.0	12.9	Lane mile(s)
Post Condition	12.9	0.0	0.0	12.9	Lane mile(s)

Solano County

R/W:	\$4,530	PA&ED:	\$16,908
Const:	\$186,520	PS&E:	\$20,867
		R/W Sup:	\$3,792
		Con Sup:	\$32,235
Subtotal:		\$191,050	\$73,802
Total (Capital + Support):			\$264,852

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

04-Sonoma-1 15.1/15.7 0748E 0400000129	Near Carmet, from 0.1 mile to 0.7 mile north of Calle Del Sol. Realign roadway near Gleason Beach.	0A020 2020-21	R/W: \$15,398 Con: \$35,824	PA&ED: PS&E: \$1,800 R/W Sup: \$500 Con Sup: \$5,000	Prior Prior 20-21	PA&ED: 6/30/2016 R/W Cert: 12/4/2020 RTL: 12/15/2020 Begin Con: 7/1/2021
			Subtotal: \$51,222	\$7,300		
<i>Carryover</i>			Total Project Cost:	\$58,522		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

04-Sonoma-1 26.7/27.0 0482T 0413000433	Near Jenner, from 0.3 to 0.4 mile north of Myers Grade Road. Permanent restoration of roadway slipouts.	0J300 2020-21	R/W: \$215 Con: \$13,856	PA&ED: \$2,106 PS&E: \$2,496 R/W Sup: \$208 Con Sup: \$2,288	Prior Prior Prior 20-21	PA&ED: 6/30/2020 R/W Cert: 9/15/2020 RTL: 6/30/2021 Begin Con: 12/15/2021
			Subtotal: \$14,071	\$7,098		
<i>Carryover</i>			Total Project Cost:	\$21,169		

Program 201.131 Permanent Restoration
Project Output(s) 2 Location(s)

V4.0 2020 SHOPP Project List
Sonoma
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY		Milestones
04-Sonoma-101 9.0 0481G 0419000576	Near Petaluma, north of Pepper Road. Environmental mitigation for project EA 0J100.	0J101 2020-21	R/W: Con:	PA&ED: PS&E: R/W Sup: Con Sup:	\$140	20-21	PA&ED: R/W Cert: RTL: 9/15/2020 Begin Con: 3/9/2021
<i>Carryover</i>				Subtotal:	\$140		
				Total Project Cost:	\$140		

Program 201.131 Permanent Restoration
Project Output(s) 0 Location(s)

04-Sonoma-101 R38.3/R41.4 1459C 0416000407	Near Healdsburg, from south of Lytton Springs Road to South Geyserville Avenue. Rehabilitate or replace damaged drainage systems at two locations.	2K330 2021-22	R/W: \$240 Con: \$4,323	PA&ED: \$824 PS&E: \$645 R/W Sup: \$118 Con Sup: \$650	Prior 20-21 20-21 21-22		PA&ED: 1/15/2021 R/W Cert: 5/1/2022 RTL: 6/1/2022 Begin Con: 12/15/2022
<i>Carryover</i>				Subtotal: \$4,563	\$2,237		
				Total Project Cost:	\$6,800		

Program 201.131 Permanent Restoration
Project Output(s) 2 Location(s)

V4.0 2020 SHOPP Project List
Sonoma
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-101 R55.8 1462P 0416000409	Near Cloverdale, at 0.4 mile south of the Mendocino County line. Restore slope, rebuild damaged gutter and install erosion control measures.	2K350 2021-22	R/W: \$225 Con: \$2,620	PA&ED: \$840 PS&E: \$413 R/W Sup: \$128 Con Sup: \$459	Prior 20-21 20-21 21-22	PA&ED: 6/1/2020 R/W Cert: 7/1/2021 RTL: 9/1/2021 Begin Con: 3/9/2022
<i>Carryover</i>			Subtotal: \$2,845	\$1,840		
			Total Project Cost:	\$4,685		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

04-Sonoma-116 9.6 1464F 0416000410	Near Monte Rio, at 0.2 mile west of Cnopius Road. Repair unstable slope by constructing a retaining wall.	2K360 2022-23	R/W: \$384 Con: \$5,980	PA&ED: \$1,775 PS&E: \$1,883 R/W Sup: \$204 Con Sup: \$1,441	Prior 21-22 21-22 22-23	PA&ED: 12/1/2021 R/W Cert: 4/1/2023 RTL: 5/1/2023 Begin Con: 9/30/2023
<i>Carryover</i>			Subtotal: \$6,364	\$5,303		
			Total Project Cost:	\$11,667		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-121 9.7/10.3 2021D 0417000267	Near Schellville, from 0.2 mile to 0.8 mile north of Ramal Road. Restore structural integrity of the existing roadway by injecting polyurethane to densify the soil below and minimizing future settlement, grind and replace asphalt concrete, and rehabilitate drainage systems.	4K140 2022-23	R/W: \$11 Con: \$4,040	PA&ED: \$528 PS&E: \$941 R/W Sup: \$31 Con Sup: \$668	Prior 20-21 20-21 22-23	PA&ED: 5/3/2021 R/W Cert: 9/5/2022 RTL: 10/3/2022 Begin Con: 5/22/2023
<i>Carryover</i>			Subtotal: \$4,051	\$2,168		
			Total Project Cost:	\$6,219		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

04-Sonoma-12 1492G 0416000045	In Sonoma County, on Routes 12 and 116 at various locations; also in Marin County, on Routes 1 and 131 at various locations; and in Napa County on Routes 29 and 121 at various locations. Install hybrid beacons, stop and yield lines, crosswalks and bulb-outs, and upgrade curb ramps to enhance pedestrian safety.	0K130 2021-22	R/W: \$36 Con: \$2,157	PA&ED: \$800 PS&E: \$880 R/W Sup: \$70 Con Sup: \$740	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 9/1/2021 RTL: 1/3/2022 Begin Con: 6/1/2022
<i>Carryover</i>			Subtotal: \$2,193	\$2,490		
			Total Project Cost:	\$4,683		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

04-Sonoma-116	Near Guerneville, from Brookside	4J460	R/W: \$68	PA&ED: \$300	Prior	PA&ED: 6/30/2020
11.8/R12.2	Lane to River Road. Upgrade curb	2021-22	Con: \$3,425	PS&E: \$930	Prior	R/W Cert: 1/20/2022
1491B	ramps and sidewalk, and install			R/W Sup: \$225	Prior	RTL: 5/2/2022
0415000351	Accessible Pedestrian Signals (APS)			Con Sup: \$930	21-22	Begin Con: 11/14/2022
	pushbuttons to make facilities		Subtotal: \$3,493			
Carryover	compliant with the Americans with		Total Project Cost:	\$5,878		
	Disabilities Act (ADA) standards.			\$2,385		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 18 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	18.0	18.0	Each
Post Condition	18.0	0.0	0.0	18.0	Each

BRIDGE PRESERVATION

04-Sonoma-101	In and near Santa Rosa, at Todd	2K240	R/W: \$116	PA&ED: \$650	Prior	PA&ED: 10/1/2019
16.5/19.0	Road Overcrossing (OC) No. 20-0172	2021-22	Con: \$4,343	PS&E: \$780	Prior	R/W Cert: 8/2/2021
1451A	(PM 16.54) and Baker Avenue OC No.			R/W Sup: \$130	Prior	RTL: 9/1/2021
0416000394	20-0173 (PM 19.00); also in Marin			Con Sup: \$988	21-22	Begin Con: 3/1/2022
	County near Navato, at Miller Creek		Subtotal: \$4,459			
Carryover	Road OC No. 27-0082 (PM 15.57).		Total Project Cost:	\$7,007		
	Upgrade bridge rails.			\$2,548		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,395.0 Linear feet
3 Bridge(s)

Primary Asset

<u>(Bridge Rail)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,395.0	1,395.0	Linear feet rail
Post Condition	1,395.0	0.0	0.0	1,395.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 20-0172	Poor	Poor
Bridge No. 20-0173	Fair	Fair
Bridge No. 27-0082	Fair	Fair

**V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-101 22.8/32.8 2029C 0418000319	In and near Santa Rosa, at Mendocino Avenue Overcrossing No. 20-0179 (PM 22.81), Fulton Road Overcrossing No. 20-0200 (PM 25.90), Shiloh Road Overcrossing No. 20-0202 (PM 27.62), and Limerick Lane Overcrossing No. 20-0066 (PM 32.79). Upgrade bridge rails.	1Q700 2023-24	R/W: \$252 Con: \$8,056	PA&ED: \$1,528 PS&E: \$1,518 R/W Sup: \$5 Con Sup: \$1,484	20-21 22-23 22-23 23-24	PA&ED: 10/6/2022 R/W Cert: 4/5/2024 RTL: 5/1/2024 Begin Con: 1/17/2025
New			Subtotal: \$8,308	\$4,535		
			Total Project Cost:	\$12,843		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,065.0 Linear feet
4 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,065.0	1,065.0	Linear feet rail
Post Condition	1,065.0	0.0	0.0	1,065.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 20-0066	Fair	Fair
Bridge No. 20-0179	Good	Good
Bridge No. 20-0200	Good	Good
Bridge No. 20-0202	Poor	Poor

04-Sonoma-116 19.9/33.4 2028P 0419000011	Near Sebastopol, at Jones Creek Bridge No. 20-0094 (PM 19.90), Blucher Creek Bridge No. 20-0103 (PM 29.83) and Gossage Creek Bridge No. 20-0104 (PM 33.37). Upgrade bridge rails.	2Q420 2023-24	R/W: \$160 Con: \$4,310	PA&ED: \$1,280 PS&E: \$1,780 R/W Sup: \$170 Con Sup: \$1,740	20-21 22-23 22-23 23-24	PA&ED: 10/6/2022 R/W Cert: 4/5/2024 RTL: 5/1/2024 Begin Con: 1/17/2025
New			Subtotal: \$4,470	\$4,970		
			Total Project Cost:	\$9,440		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 430.0 Linear feet
3 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	430.0	430.0	Linear feet rail
Post Condition	430.0	0.0	0.0	430.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 20-0094	Good	Good
Bridge No. 20-0103	Good	Good
Bridge No. 20-0104	Good	Good

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS		Milestones
					Allocation FY		
04-Sonoma-121 6.5/8.4 2028Q 0419000013	Near Schellville, at Yellow Creek Bridge No. 20-0021 (PM 6.52) and Arroyo Seco Bridge No. 20-0023 (PM 8.43). Upgrade bridge rails.	2Q440 2023-24	R/W: \$190 Con: \$7,780	PA&ED: \$1,750 PS&E: \$2,410 R/W Sup: \$80 Con Sup: \$2,370	20-21 22-23 22-23 23-24	PA&ED: 8/8/2022 R/W Cert: 2/15/2024 RTL: 3/1/2024 Begin Con: 1/17/2025	
<i>New</i>			Subtotal: \$7,970	\$6,610			
			Total Project Cost:	\$14,580			

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 274.0 Linear feet
2 Bridge(s)

Primary Asset
(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	274.0	274.0	Linear feet rail
Post Condition	274.0	0.0	0.0	274.0	Linear feet rail

Bridge Health

Existing Condition Post Condition

Bridge No. 20-0021	Good	Good
Bridge No. 20-0023	Fair	Fair

04-Sonoma-101 0.0 1487D 0415000078	Near Petaluma, at San Antonio Creek Bridges No. 20-0019L/R. Abutment scour mitigation and channel sediment cleaning to address flooding.	3J080 2021-22	R/W: \$160 Con: \$997	PA&ED: \$982 PS&E: \$416 R/W Sup: \$24 Con Sup: \$468	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 12/1/2021 RTL: 12/1/2021 Begin Con: 6/1/2022
<i>Carryover</i>			Subtotal: \$1,157	\$1,890		
			Total Project Cost:	\$3,047		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 2 Bridge(s)

Primary Asset
(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4,376.0	4,376.0	Square feet
Post Condition	4,376.0	0.0	0.0	4,376.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 20-0019L		
Bridge No. 20-0019R	Good	Good

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

04-Sonoma-12 11.0/T17.4 1493M 0416000098	In and near Santa Rosa, from Llano Road to Farmers Lane. Rehabilitate pavement, upgrade guardrail to make standard and upgrade curb ramps to make Americans with Disabilities Act (ADA) compliant. (G13 Contingency)	0K520 2021-22	R/W: \$280 * Con: \$27,681	PA&ED: \$2,084 PS&E: \$2,900 R/W Sup: \$66 * Con Sup: \$3,350	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 11/1/2021 RTL: 12/1/2021 Begin Con: 6/15/2022
			Subtotal: \$27,961	\$8,400		
			Total Project Cost: \$36,361			

** Construction Capital and * Construction Support phases are NOT authorized*

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 22.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	21.5	0.5	22.0	Lane mile(s)
Post Condition	22.0	0.0	0.0	22.0	Lane mile(s)

04-Sonoma-1 1.0/28.7 1453C 0416000306	Near Bodega Bay, Carmet, and Jenner, from 0.7 mile south of Middle Road to 2.3 miles north of Meyers Grade Road at various locations. Rehabilitate drainage systems.	1K720 2023-24	R/W: \$655 Con: \$3,569	PA&ED: \$794 PS&E: \$718 R/W Sup: \$58 Con Sup: \$687	20-21 22-23 22-23 23-24	PA&ED: 10/1/2022 R/W Cert: 2/1/2024 RTL: 4/1/2024 Begin Con: 10/1/2024
			Subtotal: \$4,224	\$2,257		
			Total Project Cost: \$6,481			

Program 201.151 Drainage System Restoration
Project Output(s) 18 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,125.0	1,125.0	Linear feet
Post Condition	1,125.0	0.0	0.0	1,125.0	Linear feet

**V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-1 19.3/21.8 2022P 0418000242	Near Jenner, from south of Willow Creek Road to Burke Avenue. Rehabilitate drainage systems at two locations.	1Q340 2023-24	R/W: \$831 Con: \$4,881	PA&ED: \$1,663 PS&E: \$2,118 R/W Sup: \$81 Con Sup: \$1,684	20-21 21-22 21-22 23-24	PA&ED: 4/28/2022 R/W Cert: 1/29/2024 RTL: 2/28/2024 Begin Con: 8/28/2024
<i>New</i>			Subtotal: \$5,712	\$5,546		
			Total Project Cost:	\$11,258		

Program 201.151 Drainage System Restoration
Project Output(s) 2 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	110.0	110.0	Linear feet
Post Condition	110.0	0.0	0.0	110.0	Linear feet

04-Sonoma-1 30.8/40.6 1453J 0416000307	Near Jenner, from south of Fort Ross Road to north of Moon Rock Campground at various locations. Rehabilitate drainage culverts.	1K730 2021-22	R/W: \$321 Con: \$4,256	PA&ED: \$744 PS&E: \$1,369 R/W Sup: \$429 Con Sup: \$1,385	Prior 20-21 20-21 21-22	PA&ED: 12/29/2019 R/W Cert: 5/15/2022 RTL: 6/1/2022 Begin Con: 1/1/2023
<i>Carryover</i>			Subtotal: \$4,577	\$3,927		
			Total Project Cost:	\$8,504		

Program 201.151 Drainage System Restoration
Project Output(s) 22 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	447.0	582.9	1,029.9	Linear feet
Post Condition	1,029.9	0.0	0.0	1,029.9	Linear feet

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-1 41.5/54.6 1462M 0416000309	Near Gualala, from north of Moon Rock Campground to 0.1 mile north of Vantage Road. Rehabilitate drainage culverts.	1K750 2021-22	R/W: \$382 Con: \$4,761	PA&ED: \$1,050 PS&E: \$1,571 R/W Sup: \$286 Con Sup: \$1,040	Prior 20-21 20-21 21-22	PA&ED: 10/15/2020 R/W Cert: 6/15/2022 RTL: 6/15/2022 Begin Con: 1/16/2023
Carryover			Subtotal: \$5,143	\$3,947		
			Total Project Cost:	\$9,090		

Program 201.151 Drainage System Restoration
Project Output(s) 26 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	858.2	858.5	1,716.7	Linear feet
Post Condition	1,716.7	0.0	0.0	1,716.7	Linear feet

04-Sonoma-1 45.4 1462N 0416000310	Near Sea Ranch, at 2.7 miles south of Skaggs Springs Road. Rehabilitate damaged culvert.	1K760 2023-24	R/W: \$165 Con: \$995	PA&ED: \$767 PS&E: \$596 R/W Sup: \$315 Con Sup: \$309	20-21 22-23 22-23 23-24	PA&ED: 10/1/2022 R/W Cert: 6/1/2024 RTL: 6/1/2024 Begin Con: 1/2/2025
New			Subtotal: \$1,160	\$1,987		
			Total Project Cost:	\$3,147		

Program 201.151 Drainage System Restoration
Project Output(s) 1 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	79.0	0.0	79.0	Linear feet
Post Condition	79.0	0.0	0.0	79.0	Linear feet

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

04-Sonoma-37 3.8/4.0 2023H 0418000281	Near Novato, at the intersection with Route 121. Improve traffic operations by modifying intersection.	1Q480 2023-24	R/W: \$542 Con: \$5,991	PA&ED: \$1,458 PS&E: \$1,570 R/W Sup: \$83 Con Sup: \$1,597	20-21 22-23 22-23 23-24	PA&ED: 10/1/2022 R/W Cert: 2/1/2024 RTL: 3/1/2024 Begin Con: 9/1/2024
			Subtotal: \$6,533	\$4,708		
			Total Project Cost:	\$11,241		

New

Program 201.310 Operational Improvements
Project Output(s) 577.0 Daily vehicle hour(s) of delay (DVHD)

04-Sonoma-37 3.9/4.1 2025P 0418000432	Near Novato, from Route 121 to 0.2 mile east of Route 121. Improve traffic operations by extending the lane merge in eastbound direction.	2Q200 2023-24	R/W: \$821 Con: \$11,666	PA&ED: \$1,469 PS&E: \$2,361 R/W Sup: \$15 Con Sup: \$1,800	20-21 22-23 22-23 23-24	PA&ED: 10/1/2022 R/W Cert: 2/1/2024 RTL: 3/1/2024 Begin Con: 9/1/2024
			Subtotal: \$12,487	\$5,645		
			Total Project Cost:	\$18,132		

New

Program 201.310 Operational Improvements
Project Output(s) 866.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Sonoma
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-121 6.5/7.0 2031J 0412000557	Near Schellville, at the intersection of Routes 121 and 116. Construct roundabout.	3G900 2022-23	R/W: \$4,331 Con: \$12,488	PA&ED: PS&E: R/W Sup: Con Sup: \$2,050	22-23	PA&ED: 4/13/2018 R/W Cert: 8/1/2022 RTL: 10/3/2022 Begin Con: 3/15/2023
			Subtotal: \$16,819	\$2,050		
			Total Project Cost:	\$18,869		
New						

Program 201.310 Operational Improvements
Project Output(s) 300.0 Daily vehicle hour(s) of delay (DVHD)

Sonoma County

R/W:	\$25,783	PA&ED:	\$23,392
Const:	\$173,999	PS&E:	\$30,095
		R/W Sup:	\$3,226
		Con Sup:	\$33,268
Subtotal:	\$199,782		\$89,981
Total (Capital + Support):			\$289,763

V4.0 2020 SHOPP Project List
Stanislaus
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

10-Stanislaus-99	In Modesto, near Zeff Road	1H600	R/W:	PA&ED: \$416	20-21	PA&ED: 7/15/2021
R14.9	Undercrossing. Construct stormwater	2023-24	Con: \$1,061	PS&E: \$938	21-22	R/W Cert: 7/1/2023
3475	Best Management Practices (BMPs).			R/W Sup: \$38	21-22	RTL: 8/1/2023
1017000187				Con Sup: \$691	23-24	Begin Con: 2/17/2024
			Subtotal: \$1,061	\$2,083		
New			Total Project Cost:	\$3,144		

Program 201.335 Storm Water Mitigation
Project Output(s) 18.0 Acre(s) treated/pollutant

10-Stanislaus-132	In Waterford, from Reinway Avenue	1G420	R/W: \$84	PA&ED: \$683	Prior	PA&ED: 6/21/2019
27.2/28.0	to F Street. Upgrade pedestrian	2021-22	Con: \$2,854	PS&E: \$1,337	Prior	R/W Cert: 8/2/2021
3241	facilities to make compliant with the			R/W Sup: \$723	Prior	RTL: 9/1/2021
1017000013	Americans with Disabilities Act (ADA)			Con Sup: \$718	21-22	Begin Con: 3/18/2022
			Subtotal: \$2,938	\$3,461		
Carryover			Total Project Cost:	\$6,399		

Program 201.361 Americans with Disabilities Act New Curb
Project Output(s) 36 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	36.0	36.0	Each
Post Condition	36.0	0.0	0.0	36.0	Each

V4.0 2020 SHOPP Project List
Stanislaus
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

10-Stanislaus-5	Near Patterson, from Fink Road	1H280	R/W: \$22	PA&ED: \$894	20-21	PA&ED: 8/26/2021
10.3/25.5	Undercrossing No. 38-0114L to Khaksa	2022-23	Con: \$9,814	PS&E: \$1,947	21-22	R/W Cert: 3/28/2023
3420	Road Undercrossing No. 38-0127L/R at			R/W Sup: \$15	21-22	RTL: 4/28/2023
1017000190	various locations. Rehabilitate bridge			Con Sup: \$1,919	22-23	Begin Con: 11/30/2023
	decks with concrete overlay, replace		Subtotal: \$9,836	\$4,775		
New	joint seals and/or approach slabs.		Total Project Cost:	\$14,611		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 20 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	10,377.0	65,281.0	75,658.0	Square feet
Post Condition	75,658.0	0.0	0.0	75,658.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 38-0114L	Poor	Good
Bridge No. 38-0115L	Fair	Good
Bridge No. 38-0115R	Good	Good
Bridge No. 38-0116L	Poor	Good
Bridge No. 38-0116R	Good	Good
Bridge No. 38-0118L	Good	Good
Bridge No. 38-0118R	Good	Good
Bridge No. 38-0119L	Good	Good
Bridge No. 38-0119R	Good	Good
Bridge No. 38-0120L	Good	Good
Bridge No. 38-0120R	Good	Good
Bridge No. 38-0122L	Good	Good
Bridge No. 38-0122R	Good	Good
Bridge No. 38-0123L	Good	Good
Bridge No. 38-0123R	Good	Good
Bridge No. 38-0125R	Fair	Good
Bridge No. 38-0126L	Poor	Good
Bridge No. 38-0126S	Good	Good
Bridge No. 38-0127L	Good	Good
Bridge No. 38-0127R	Good	Good

V4.0 2020 SHOPP Project List
Stanislaus
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

10-Stanislaus-99 R10.0/R16.8 3251 1016000017	In and near Ceres and Modesto, at various locations from Mitchell Road to Kansas Avenue; also in Merced County, on Route 59 near the city of Merced, at Childs Avenue (PM 14.0). Upgrade drainage pump plants.	1E620 2020-21	R/W: \$13 Con: \$6,440	PA&ED: \$278 PS&E: \$1,142 R/W Sup: \$93 Con Sup: \$1,991	Prior Prior Prior 20-21	PA&ED: 6/28/2019 R/W Cert: 8/10/2020 RTL: 9/9/2020 Begin Con: 3/26/2021
<i>Carryover</i>			Subtotal: \$6,453	\$3,504		
			Total Project Cost:	\$9,957		

Program 201.151 Drainage System Restoration
Project Output(s) 6 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	6.0	6.0	Pump plant(s) (ea)
Post Condition	6.0	0.0	0.0	6.0	Pump plant(s) (ea)

MOBILITY

10-Stanislaus-99 R4.5/R23.3 3443 1018000283	In Stanislaus and San Joaquin Counties, on various routes at various locations. Install Transportation Management System (TMS) elements, and enhance highway worker safety.	1F970 2023-24	R/W: \$660 Con: \$9,650	PA&ED: \$1,100 PS&E: \$1,420 R/W Sup: \$250 Con Sup: \$1,720	20-21 21-22 21-22 23-24	PA&ED: 11/1/2021 R/W Cert: 8/1/2023 RTL: 9/1/2023 Begin Con: 2/26/2024
<i>New</i>			Subtotal: \$10,310	\$4,490		
			Total Project Cost:	\$14,800		

Program 201.315 Transportation Management Systems
Project Output(s) 100 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	65	Field element(s)
Post Condition	100.0%		0.0%	100	Field element(s)

V4.0 2020 SHOPP Project List
Stanislaus
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

10-Stanislaus-5	Near Westley, at the Westley Safety	1C270	R/W: \$17	PA&ED:		PA&ED: 4/14/2017
27.0/27.4	Roadside Rest Area (SRRA). Replace	2022-23	Con: \$17,166	PS&E: \$529	20-21	R/W Cert: 4/6/2022
3144	SRRA buildings.			R/W Sup: \$15	20-21	RTL: 7/1/2022
1014000097				Con Sup: \$9,203	22-23	Begin Con: 12/7/2022
			Subtotal: \$17,183	\$9,747		
			Total Project Cost:	\$26,930		

New

Program 201.250 Safety Roadside Rest Area Restoration
Project Output(s) 2 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

Stanislaus County

R/W:	\$796	PA&ED:	\$3,371
Const:	\$46,985	PS&E:	\$7,313
		R/W Sup:	\$1,134
		Con Sup:	\$16,242
Subtotal:	\$47,781		\$28,060
Total (Capital + Support):			\$75,841

V4.0 2020 SHOPP Project List
Tehama
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

02-Tehama-5 36.3/41.6 3632 0216000044	Near Red Bluff, from Nine Mile Hill Overcrossing to 0.1 mile north of Bowman Road Overcrossing. Improve median clear recovery zone and widen inside shoulder to make standard for enhanced errant vehicle safety.	1H470 2020-21	R/W: \$470 Con: \$4,530	PA&ED: \$930 PS&E: \$800 R/W Sup: \$40 Con Sup: \$1,030	Prior Prior Prior 20-21	PA&ED: 2/4/2020 R/W Cert: 2/15/2021 RTL: 3/8/2021 Begin Con: 9/7/2021
<i>Carryover</i>			Subtotal: \$5,000	\$2,800		
			Total Project Cost:	\$7,800		

Program 201.015 Collision Severity Reduction
Project Output(s) 7 Collision(s) reduced

BRIDGE PRESERVATION

02-Tehama-99 9.0/9.3 3642 0216000148	Near Los Molinos, from 0.2 mile south to 0.2 mile north of Champlin Slough Bridge No. 08-0006. Replace bridge to correct scour critical conditions.	1H510 2021-22	R/W: \$90 Con: \$4,370	PA&ED: \$850 PS&E: \$1,170 R/W Sup: \$90 Con Sup: \$990	Prior 20-21 20-21 21-22	PA&ED: 5/5/2020 R/W Cert: 10/22/2021 RTL: 11/24/2021 Begin Con: 4/19/2022
<i>Carryover</i>			Subtotal: \$4,460	\$3,100		
			Total Project Cost:	\$7,560		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 1 Bridge(s)

Primary Asset

(Scour)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	2,713.0	2,713.0	Square feet
Post Condition	2,713.0	0.0	0.0	2,713.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 08-0006	Good	Good

V4.0 2020 SHOPP Project List
Tehama
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Tehama-36 41.9/42.6 3733 0219000010	In Red Bluff, at East Sand Slough Bridge No. 08-0090 (PM 41.95), Samson Slough Bridge No. 08-0089 (PM 42.24), and Paynes Creek Slough Bridge No. 08-0088 (PM 42.5). Seismic retrofit of three bridges.	4H710 2023-24	R/W: \$309 Con: \$3,230	PA&ED: \$990 PS&E: \$1,270 R/W Sup: \$330 Con Sup: \$980	20-21 22-23 22-23 23-24	PA&ED: 10/5/2022 R/W Cert: 3/15/2024 RTL: 3/29/2024 Begin Con: 10/8/2024
New			Subtotal: \$3,539 Total Project Cost:	\$3,570 \$7,109		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 3 Bridge(s)

Primary Asset

(Seismic)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	144,495.0	144,495.0	Square feet
Post Condition	144,495.0	0.0	0.0	144,495.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 08-0088	Fair	Fair
Bridge No. 08-0089	Fair	Fair
Bridge No. 08-0090	Fair	Fair

ROADWAY PRESERVATION

02-Tehama-36 20.0/39.7 3719 0218000069	Near Red Bluff, from 0.8 mile east of Salt Creek Bridge to Baker Road. Rehabilitate pavement, upgrade guardrail and signs, add lighting, and rehabilitate drainage systems.	4H020 2022-23	R/W: \$164 Con: \$21,630	PA&ED: \$1,140 PS&E: \$1,410 R/W Sup: \$220 Con Sup: \$1,470	20-21 21-22 21-22 22-23	PA&ED: 3/2/2022 R/W Cert: 3/15/2023 RTL: 3/20/2023 Begin Con: 9/12/2023
New			Subtotal: \$21,794 Total Project Cost:	\$4,240 \$26,034		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 37.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	37.7	0.0	37.7	Lane mile(s)
Post Condition	37.7	0.0	0.0	37.7	Lane mile(s)

V4.0 2020 SHOPP Project List
Tehama
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Tehama-99 0.0/12.5 3707 0218000039	Near Los Molinos, from Butte County line to south of Los Molinos Creek Bridge. Rehabilitate pavement, upgrade guardrail and Transportation Management System (TMS) elements, upgrade facilities to meet Americans with Disabilities Act (ADA) standards, rehabilitate drainage systems, and widen shoulders. (G13 Contingency)	3H770 2023-24	R/W: \$744 * Con: \$33,010	PA&ED: \$2,090 PS&E: \$2,060 R/W Sup: \$810 * Con Sup: \$3,060	20-21 22-23 22-23 23-24	PA&ED: 10/14/2022 R/W Cert: 1/8/2024 RTL: 2/8/2024 Begin Con: 6/11/2024
New			Subtotal: \$33,754	\$8,020		
			Total Project Cost:	\$41,774		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	24.1 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	24.1	0.0	24.1	Lane mile(s)
Post Condition	24.1	0.0	0.0	24.1	Lane mile(s)

MOBILITY

02-Tehama-5 39.0/41.9 3611 0216000010	Near Red Bluff, from 0.3 mile north of Snively Road Overcrossing (OC) to 0.4 mile north of Bowman Road OC. Upgrade southbound Cottonwood Commercial Vehicle Enforcement Facility (CVEF).	1H680 2021-22	R/W: \$35 Con: \$13,200	PA&ED: \$450 PS&E: \$2,170 R/W Sup: \$50 Con Sup: \$2,320	Prior 20-21 20-21 21-22	PA&ED: 5/5/2020 R/W Cert: 10/8/2021 RTL: 11/8/2021 Begin Con: 5/17/2022
Carryover			Subtotal: \$13,235	\$4,990		
			Total Project Cost:	\$18,225		
			Program	201.321 Weigh Stations		
			Project Output(s)	1 Location(s)		

Tehama County

	R/W: \$1,812	PA&ED: \$6,450
	Const: \$79,970	PS&E: \$8,880
		R/W Sup: \$1,540
		Con Sup: \$9,850
	Subtotal: \$81,782	\$26,720
	Total (Capital + Support):	\$108,502

V4.0 2020 SHOPP Project List
Trinity
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

02-Trinity-299	Near Burnt Ranch, from east of China	4H040	R/W: \$360	PA&ED: \$920	Prior	PA&ED: 4/1/2021
13.4/13.7	Slide Road to Mill Creek Road.	2021-22	Con: \$11,500	PS&E: \$1,280	20-21	R/W Cert: 4/1/2022
3720	Stabilize the slope by constructing a retaining wall, reconstructing roadway, and modifying drainage systems.			R/W Sup: \$130	20-21	RTL: 5/27/2022
0218000071				Con Sup: \$2,790	21-22	Begin Con: 9/20/2022
<i>Carryover</i>						
			Subtotal: \$11,860	\$5,120		
			Total Project Cost:	\$16,980		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

MANDATES

02-Trinity-299	Near Douglas City, at various	1H700	R/W: \$345	PA&ED: \$860	Prior	PA&ED: 9/8/2020
64.7/71.7	locations from 1.2 miles east of	2021-22	Con: \$3,200	PS&E: \$1,200	20-21	R/W Cert: 2/25/2022
3637	Lewiston Road to 0.5 mile west of Shasta County line. Perform storm water mitigation improvements at sixteen locations to meet Statewide National Pollutant Discharge Eliminating System (NPDES) permit mandate goals.			R/W Sup: \$380	20-21	RTL: 3/28/2022
0216000049				Con Sup: \$1,100	21-22	Begin Con: 8/30/2022
<i>Carryover</i>						
			Subtotal: \$3,545	\$3,540		
			Total Project Cost:	\$7,085		

Program 201.335 Storm Water Mitigation
Project Output(s) 108.0 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Trinity
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

02-Trinity-3	In Trinity County, at Dobbins Gulch	1H500	R/W: \$206	PA&ED: \$900	Prior	PA&ED: 7/2/2020
3633	Bridge No. 05-0042 (PM 0.6), Stuart	2021-22	Con: \$6,300	PS&E: \$1,030	20-21	R/W Cert: 1/21/2022
0216000045	Fork Bridge No. 05-0055 (PM 43.9) and			R/W Sup: \$230	20-21	RTL: 2/22/2022
	Mule Creek Bridge No. 05-0056 (PM			Con Sup: \$2,060	21-22	Begin Con: 8/9/2022
	48.5); also on Route 299, at Grass		Subtotal: \$6,506	\$4,220		
Carryover	Valley Creek Bridge No. 05-0013 (PM		Total Project Cost:	\$10,726		
	65.5). Repair unsound concrete,					
	replace bearings and joint seals,					
	repair bridge decks, and install barrier					
	and approach slabs.					

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 4 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2,401.0	22,669.0	0.0	25,070.0	Square feet
Post Condition	25,070.0	0.0	0.0	25,070.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 05-0013	Fair	Good
Bridge No. 05-0042	Good	Good
Bridge No. 05-0055	Fair	Good
Bridge No. 05-0056	Good	Good

ROADWAY PRESERVATION

02-Trinity-299	Near Del Loma, from 1.0 mile east of	3H700	R/W: \$78	PA&ED: \$1,180	20-21	PA&ED: 5/3/2022
15.0/25.7	Trinity River Bridge to west of Prairie	2023-24	Con: \$18,790	PS&E: \$1,360	22-23	R/W Cert: 7/3/2023
3701	Creek Road. Rehabilitate pavement,			R/W Sup: \$70	22-23	RTL: 8/28/2023
0218000011	upgrade guardrail and Transportation			Con Sup: \$1,860	23-24	Begin Con: 1/2/2024
	Management System (TMS) elements,		Subtotal: \$18,868	\$4,470		
New	widen lanes to make standard, and		Total Project Cost:	\$23,338		
	rehabilitate drainage systems.					

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 21.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	21.3	0.0	21.3	Lane mile(s)
Post Condition	21.3	0.0	0.0	21.3	Lane mile(s)

V4.0 2020 SHOPP Project List
Trinity
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Trinity-299 1.6/45.2 3668 0217000012	Near Salyer, at various locations from 0.1 mile west of White House Gulch Road to 0.4 mile west of Slattery Pond Road. Rehabilitate culverts.	2H810 2021-22	R/W: \$311 Con: \$5,390	PA&ED: \$930 PS&E: \$980 R/W Sup: \$330 Con Sup: \$990	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 7/19/2021 RTL: 8/19/2021 Begin Con: 12/14/2021
			Subtotal: \$5,701	\$3,230		
<i>Carryover</i>			Total Project Cost:	\$8,931		

Program 201.151 Drainage System Restoration
Project Output(s) 18 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,292.5	1,292.5	Linear feet
Post Condition	1,292.5	0.0	0.0	1,292.5	Linear feet

Trinity County

R/W:	\$1,300	PA&ED:	\$4,790
Const:	\$45,180	PS&E:	\$5,850
		R/W Sup:	\$1,140
		Con Sup:	\$8,800
Subtotal:		\$46,480	\$20,580
Total (Capital + Support):			\$67,060

V4.0 2020 SHOPP Project List
Tulare
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

06-Tulare-Var	In and near Porterville, on Routes 65 and 190 at various locations. Install centerline and shoulder rumble strips.	0X040 2020-21	R/W: \$17 Con: \$1,800	PA&ED: \$750 PS&E: \$730 R/W Sup: \$20 Con Sup: \$630	Prior Prior Prior 20-21	PA&ED: 1/9/2020 R/W Cert: 10/2/2020 RTL: 11/2/2020 Begin Con: 7/21/2021
6898						
0618000013						
<i>Carryover</i>						
			Subtotal: \$1,817	\$2,130		
			Total Project Cost:	\$3,947		

Program 201.010 Safety Improvements
Project Output(s) 12 Collision(s) reduced

06-Tulare-63	On Routes 63 and 137, near Visalia and Exter at various locations. Construct rumble strips.	0U040 2020-21	R/W: \$5 Con: \$1,713	PA&ED: \$390 PS&E: \$550 R/W Sup: \$5 Con Sup: \$500	Prior Prior Prior 20-21	PA&ED: 12/2/2019 R/W Cert: 9/1/2020 RTL: 10/14/2020 Begin Con: 5/26/2021
6897						
0615000191						
<i>Carryover</i>						
			Subtotal: \$1,718	\$1,445		
			Total Project Cost:	\$3,163		

Program 201.010 Safety Improvements
Project Output(s) 25 Collision(s) reduced

V4.0 2020 SHOPP Project List
Tulare
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Tulare-Var 6986 0618000228 Carryover	In various counties, on various routes, at various locations. Replace or install new curve warning signs on highways, onramps, and offramp locations.	0Y490 2020-21	R/W: \$22 Con: \$2,000	PA&ED: \$980 PS&E: \$720 R/W Sup: \$20 Con Sup: \$940	Prior 20-21 20-21 20-21	PA&ED: 7/1/2020 R/W Cert: 4/1/2021 RTL: 4/15/2021 Begin Con: 9/15/2021
			Subtotal: \$2,022	\$2,660		
			Total Project Cost:	\$4,682		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

06-Tulare-99 22.3 6885 0616000035 Carryover	Near Tipton, at the Philip S. Raine Safety Roadside Rest Area (SRRA). Upgrade water, sewer and irrigation facilities.	0U770 2020-21	R/W: \$50 Con: \$6,500	PA&ED: \$550 PS&E: \$1,750 R/W Sup: \$12 Con Sup: \$2,250	Prior Prior Prior 20-21	PA&ED: 8/22/2019 R/W Cert: 4/5/2021 RTL: 4/15/2021 Begin Con: 10/18/2021
			Subtotal: \$6,550	\$4,562		
			Total Project Cost:	\$11,112		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 2 Location(s)

V4.0 2020 SHOPP Project List
Tulare
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Tulare-99 51.6/52.2 6882 0616000220	Near Kingsburg, from 0.2 mile south to 0.4 mile north of Avenue 384 Overcrossing at the C. H. Warlow Safety Roadside Rest Area (SRRA). Upgrade water and wastewater systems to comply with Federal and State statutes and regulatory requirements.	0V760 2020-21	R/W: \$170 Con: \$7,000	PA&ED: \$869 PS&E: \$1,666 R/W Sup: \$36 Con Sup: \$2,000	Prior Prior Prior 20-21	PA&ED: 10/15/2019 R/W Cert: 4/2/2021 RTL: 4/9/2021 Begin Con: 11/1/2021
<i>Carryover</i>			Subtotal: \$7,170	\$4,571		
			Total Project Cost:	\$11,741		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 1 Location(s)

BRIDGE PRESERVATION

06-Tulare-245 1.4 6787 0615000293	Near Woodlake, at Yokohl Creek Bridge No. 46-0011 (PM 1.39); also at Kaweah River Bridge No. 46-0073 (PM 4.19). Replace bridges to upgrade to current standards, facilitate bike lane shoulders, and upgrade guard railing.	0U280 2020-21	R/W: \$395 Con: \$12,100	PA&ED: \$1,325 PS&E: \$2,260 R/W Sup: \$645 Con Sup: \$1,940	Prior Prior Prior 20-21	PA&ED: 8/14/2019 R/W Cert: 3/15/2021 RTL: 4/1/2021 Begin Con: 10/19/2021
<i>Carryover</i>			Subtotal: \$12,495	\$6,170		
			Total Project Cost:	\$18,665		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	14,865.0	14,865.0	Square feet
Post Condition	21,003.0	0.0	0.0	21,003.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 46-0011	Fair	Good
Bridge No. 46-0073	Fair	Good

V4.0 2020 SHOPP Project List
Tulare
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS		Milestones
					Allocation FY		
06-Tulare-99 6788 0615000295 Carryover	In and near Pixley, at Avenue 48 Overcrossing (OC) No. 46-0165 (PM 6.2), Davis Avenue OC No. 46-0172 (PM 12.6), and Avenue 100 OC No. 46-0173 (PM 12.8). Upgrade bridge railing to current standards and install approach railings.	0U270 2020-21	R/W: \$108 Con: \$4,200	PA&ED: \$740 PS&E: \$1,122 R/W Sup: \$30 Con Sup: \$1,048	Prior Prior Prior 20-21		PA&ED: 11/1/2019 R/W Cert: 1/15/2021 RTL: 2/1/2021 Begin Con: 10/15/2021
			Subtotal: \$4,308	\$2,940			
			Total Project Cost:	\$7,248			

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,493.0 Linear feet
3 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,493.0	1,493.0	Linear feet rail
Post Condition	1,493.0	0.0	0.0	1,493.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 46-0165	Good	Good
Bridge No. 46-0172	Good	Good
Bridge No. 46-0173	Good	Good

ROADWAY PRESERVATION

06-Tulare-216 0.0/R2.9 6696 0618000012 Carryover	In and near Visalia, from Route 198 to east of Sol Road. Rehabilitate roadway by replacing distressed asphalt, provide non-motorized transportation facilities and bring Americans with Disabilities Act (ADA) facilities to current standards.	0W900 2022-23	R/W: \$1,500 Con: \$16,900	PA&ED: \$2,500 PS&E: \$1,900 R/W Sup: \$200 Con Sup: \$2,800	Prior 21-22 21-22 22-23	PA&ED: 6/2/2021 R/W Cert: 1/3/2023 RTL: 1/10/2023 Begin Con: 10/9/2023
			Subtotal: \$18,400	\$7,400		
			Total Project Cost:	\$25,800		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 5.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	4.5	0.9	5.4	Lane mile(s)
Post Condition	5.4	0.0	0.0	5.4	Lane mile(s)

V4.0 2020 SHOPP Project List
Tulare
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Tulare-63 5.8/L8.0 7008 061900009	In Visalia, from south of Caldwell Avenue to Route 198 (PM 5.8/L7.97). Rehabilitate pavement, upgrade Transportation Management System (TMS) elements, replace signs, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0X700 2022-23	R/W: \$210 Con: \$10,000	PA&ED: \$1,220 PS&E: \$2,350 R/W Sup: \$1,000 Con Sup: \$2,500	20-21 20-21 20-21 22-23	PA&ED: 1/29/2021 R/W Cert: 1/5/2023 RTL: 1/10/2023 Begin Con: 7/5/2023
New			Subtotal: \$10,210	\$7,070		
			Total Project Cost:	\$17,280		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.9	15.4	1.2	18.5	Lane mile(s)
Post Condition	18.5	0.0	0.0	18.5	Lane mile(s)

06-Tulare-99 0.0/13.5 6963 0617000307	Near Earlimart, from County line Road Overcrossing to 0.7 mile north of Court Avenue Overcrossing. Rehabilitate roadway, construct median concrete barrier, replace signs, rehabilitate drainage systems, upgrade Transportation Management System (TMS) elements, and replace signs.	0W790 2022-23	R/W: \$225 Con: \$56,800	PA&ED: \$3,360 PS&E: \$4,450 R/W Sup: \$400 Con Sup: \$9,100	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 1/9/2023 RTL: 1/16/2023 Begin Con: 7/3/2023
New			Subtotal: \$57,025	\$17,310		
			Total Project Cost:	\$74,335		

SBI Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 51.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	30.0	21.7	0.0	51.7	Lane mile(s)
Post Condition	51.7	0.0	0.0	51.7	Lane mile(s)

V4.0 2020 SHOPP Project List
Tulare
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Tulare-99 27.6/30.6 6944 061800011 New	In the city of Tulare, from Paige Avenue to Prosperity Avenue Overcrossing. Rehabilitate roadway, upgrade lighting and Transportation Management System (TMS) elements, replace signs, rehabilitate drainage systems, and enhance highway worker safety. (G13 Contingency)	0W910 2023-24	R/W: \$500 * Con: \$28,500	PA&ED: \$1,800 PS&E: \$2,500 R/W Sup: \$90 * Con Sup: \$4,000	20-21 21-22 21-22 23-24	PA&ED: 12/1/2021 R/W Cert: 11/1/2023 RTL: 12/2/2023 Begin Con: 6/3/2024
			Subtotal: \$29,000	\$8,390		
			Total Project Cost: \$37,390			
			<i>* Construction Capital and * Construction Support phases are NOT authorized</i>			
			Program 201.122 Roadway Rehabilitation (2R)			
			Project Output(s) 12.0 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.0	0.0	12.0	Lane mile(s)
Post Condition	12.0	0.0	0.0	12.0	Lane mile(s)

06-Tulare-99 20.2/R53.9 6967 061800044 New	In and near the city of Tulare, from 0.7 mile north of Avenue 152 Overcrossing to Fresno County line (PM 20.2/R53.939) at various locations. Rehabilitate drainage systems.	0X250 2023-24	R/W: \$150 Con: \$9,900	PA&ED: \$2,350 PS&E: \$2,350 R/W Sup: \$610 Con Sup: \$2,610	20-21 22-23 22-23 23-24	PA&ED: 9/15/2022 R/W Cert: 4/1/2024 RTL: 4/15/2024 Begin Con: 11/1/2024
			Subtotal: \$10,050	\$7,920		
			Total Project Cost: \$17,970			
			Program 201.151 Drainage System Restoration			
			Project Output(s) 103 Culvert(s) (ea)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	7,190.0	7,190.0	Linear feet
Post Condition	7,190.0	0.0	0.0	7,190.0	Linear feet

V4.0 2020 SHOPP Project List
Tulare
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Tulare-198 0.0/44.0 7015 0618000045	In Tulare County, from Kings County line to east of Sequoia National Park Boundary at various locations. Rehabilitate drainage systems.	0X260 2022-23	R/W: \$337 Con: \$11,548	PA&ED: \$3,515 PS&E: \$3,298 R/W Sup: \$1,759 Con Sup: \$3,027	20-21 21-22 21-22 22-23	PA&ED: 12/15/2021 R/W Cert: 5/15/2023 RTL: 5/30/2023 Begin Con: 2/1/2024
New			Subtotal: \$11,885	\$11,599		
			Total Project Cost:	\$23,484		

Program 201.151 Drainage System Restoration
Project Output(s) 151 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12,676.8	12,676.8	Linear feet
Post Condition	12,676.8	0.0	0.0	12,676.8	Linear feet

Tulare County

R/W:	\$3,689	PA&ED:	\$20,349
Const:	\$168,961	PS&E:	\$25,646
		R/W Sup:	\$4,827
		Con Sup:	\$33,345
Subtotal:	\$172,650		\$84,167
Total (Capital + Support):			\$256,817

V4.0 2020 SHOPP Project List
Tuolumne
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

10-Tuolumne-108	At various locations, from Sonora to	1C400	R/W: \$173	PA&ED: \$634	Prior	PA&ED: 11/2/2020
L1.3/53.3	Dardanelle; also on Route 49 in	2021-22	Con: \$5,070	PS&E: \$1,370	20-21	R/W Cert: 10/15/2021
3234	Sonora (PM 17.4 to 17.6) and in			R/W Sup: \$11	20-21	RTL: 11/30/2021
1017000025	Stanislaus County on Route 108 in			Con Sup: \$720	21-22	Begin Con: 7/1/2022
	and near Riverbank (PM 28.5 to 33.4).		Subtotal: \$5,243			
<i>Carryover</i>	Upgrade guardrail to make standard.		Total Project Cost:		\$2,735	\$7,978

Program 201.015 Collision Severity Reduction
Project Output(s) 7 Collision(s) reduced

ROADWAY PRESERVATION

10-Tuolumne-108	Near Long Barn, from 0.1 mile east of	46210	R/W: \$88	PA&ED: \$687	Prior	PA&ED: 10/1/2019
R18.9/38.8	the east junction of Long Barn Road	2020-21	Con: \$17,970	PS&E: \$1,152	Prior	R/W Cert: 12/1/2020
0157	to 2.3 miles east of Cow Creek Road.			R/W Sup: \$8	Prior	RTL: 1/2/2021
1013000266	Pavement rehabilitation.			Con Sup: \$2,092	20-21	Begin Con: 7/15/2021
			Subtotal: \$18,058			
<i>Carryover</i>			Total Project Cost:		\$3,939	\$21,997

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 51.6 Lane mile(s)

V4.0 2020 SHOPP Project List
Tuolumne
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Tuolumne-120 R3.4/R39.8 3411 1017000179	Near Groveland, from 4.7 miles west of La Grange Road to west of Ferretti Road; also in Calaveras County, on Route 26 and in Tuolumne County, on Route 108 at various locations. Rehabilitate drainage systems.	1F250 2023-24	R/W: \$247 Con: \$2,776	PA&ED: \$1,182 PS&E: \$1,181 R/W Sup: \$251 Con Sup: \$1,307	20-21 22-23 22-23 23-24	PA&ED: 8/19/2022 R/W Cert: 3/7/2024 RTL: 4/8/2024 Begin Con: 10/10/2024
New			Subtotal: \$3,023 Total Project Cost:	\$3,921 \$6,944		

Program 201.151 Drainage System Restoration
Project Output(s) 40 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,967.7	1,967.7	Linear feet
Post Condition	1,967.7	0.0	0.0	1,967.7	Linear feet

Tuolumne County

R/W:	\$508	PA&ED:	\$2,503
Const:	\$25,816	PS&E:	\$3,703
		R/W Sup:	\$270
		Con Sup:	\$4,119
Subtotal:	\$26,324		\$10,595
Total (Capital + Support):			\$36,919

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

07-Ventura-1 4.0/4.2 4930 0715000286	In Ventura County, south of Point Mugu State Park (PM 4.0) and Sycamore Canyon Road (PM 4.2). Construct secant walls at two locations as a permanent slope restoration solution to stabilize the slope and prevent continued erosion.	31820 2020-21	R/W: \$1,241 Con: \$54,615	PA&ED: \$1,200 PS&E: \$1,900 R/W Sup: \$100 Con Sup: \$4,350	Prior Prior Prior 20-21	PA&ED: 6/28/2019 R/W Cert: 3/1/2021 RTL: 3/30/2021 Begin Con: 12/1/2021
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Subtotal: \$55,856 \$7,550
Total Project Cost: \$63,406

Program 201.131 Permanent Restoration
Project Output(s) 2 Location(s)

Carryover
Two previous Director Orders: EA 4X370 and EA 4X760 were executed to remove slide material and repair embankment, roadway and drainage systems.

07-Ventura-1 4.5/4.6 5181 0716000312	Near Point Mugu State Park, at Big Sycamore Creek No. 52-0011. Shoreline embankment restoration by replacing Rock Slope Protection (RSP), constructing seawalls and secant retaining wall, and upgrade guardrail.	33350 2021-22	R/W: \$442 Con: \$11,099	PA&ED: \$2,300 PS&E: \$3,240 R/W Sup: \$1,000 Con Sup: \$3,880	Prior Prior Prior 21-22	PA&ED: 12/20/2019 R/W Cert: 7/30/2021 RTL: 9/3/2021 Begin Con: 7/1/2025
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Subtotal: \$11,541 \$10,420
Total Project Cost: \$21,961

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-33 22.0 5292 0717000324	Near Wheeler Springs, south of Rose Valley Road. Permanent restoration of storm damaged embankment by constructing retaining wall and restoring the roadway.	34270 2021-22	R/W: \$22 Con: \$3,756	PA&ED: \$700 PS&E: \$2,400 R/W Sup: \$170 Con Sup: \$2,100	Prior 20-21 20-21 21-22	PA&ED: 10/30/2020 R/W Cert: 9/1/2021 RTL: 11/1/2021 Begin Con: 6/1/2022
Carryover			Subtotal: \$3,778	\$5,370		
			Total Project Cost:	\$9,148		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

07-Ventura-118 12.0/13.2 5294 0717000333	Near Moorpark, from Sand Canyon Road to Balcom Canyon Road. Permanent restoration of slope damage by constructing retaining wall, paving shoulder, and placing Rock Slope Protection (RSP).	34290 2020-21	R/W: \$353 Con: \$5,402	PA&ED: \$850 PS&E: \$3,000 R/W Sup: \$175 Con Sup: \$2,000	Prior Prior Prior 20-21	PA&ED: 12/31/2019 R/W Cert: 1/4/2021 RTL: 2/10/2021 Begin Con: 8/2/2021
Carryover			Subtotal: \$5,755	\$6,025		
			Total Project Cost:	\$11,780		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-118 12.0/13.3 5705 0720000023	Near Somis, from Sand Canyon Road to east of Balcom Canyon Road. Slope repair due to storm damage.	36970 2021-22	R/W: \$654 Con: \$29,302	PA&ED: \$2,033 PS&E: \$2,886 R/W Sup: \$964 Con Sup: \$6,216	Prior 20-21 20-21 21-22	PA&ED: 12/1/2020 R/W Cert: 6/10/2022 RTL: 6/22/2022 Begin Con: 1/30/2023
<i>Carryover</i>			Subtotal: \$29,956 Total Project Cost:	\$12,099 \$42,055		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

07-Ventura-33 18.9/19.1 5145 0716000257	Near Ojai, north of North Fork Matilija Creek Bridge No. 52-450. Widen the roadway by 4 feet, upgrade rock block barrier, and place High Friction Surface Treatment (HFST).	33230 2021-22	R/W: \$64 Con: \$3,080	PA&ED: \$660 PS&E: \$1,460 R/W Sup: \$40 Con Sup: \$1,550	Prior 20-21 20-21 21-22	PA&ED: 3/30/2021 R/W Cert: 11/15/2021 RTL: 12/15/2021 Begin Con: 7/8/2022
<i>Carryover</i>			Subtotal: \$3,144 Total Project Cost:	\$3,710 \$6,854		

Program 201.015 Collision Severity Reduction
Project Output(s) 4 Collision(s) reduced

V4.0 2020 SHOPP Project List
Ventura
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-101 0.0/R38.9 5231 0717000108	In and near various cities, at various locations, from 0.2 mile south of Lakeview Canyon Road to Hobson Road Undercrossing. Upgrade guardrails, end treatments, and bridge connections, and add vegetation control under guardrails. Remove and replace dikes.	33900 2021-22	R/W: \$80 Con: \$6,470	PA&ED: \$950 PS&E: \$2,800 R/W Sup: \$35 Con Sup: \$2,000	Prior Prior 21-22 21-22	PA&ED: 12/2/2019 R/W Cert: 7/2/2021 RTL: 8/2/2021 Begin Con: 5/5/2022
Carryover			Subtotal: \$6,550 Total Project Cost:	\$5,785 \$12,335		

Program 201.015 Collision Severity Reduction
Project Output(s) 9 Collision(s) reduced

07-Ventura-101 0.9/R39.2 5082 0716000225	In and near various cities, at various locations, from 0.2 mile north of Westlake Boulevard to 0.3 mile north of Hobson Road. Upgrade guardrails, end treatments, and bridge connections, and add vegetation control under guardrails. Remove and replace dikes.	33110 2021-22	R/W: \$29 Con: \$9,776	PA&ED: \$392 PS&E: \$1,733 R/W Sup: \$20 Con Sup: \$1,750	Prior Prior Prior 21-22	PA&ED: 12/2/2019 R/W Cert: 7/2/2021 RTL: 8/2/2021 Begin Con: 5/5/2022
Carryover			Subtotal: \$9,805 Total Project Cost:	\$3,895 \$13,700		

Program 201.015 Collision Severity Reduction
Project Output(s) 13 Collision(s) reduced

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-101 0.0/11.1 5030 0716000086	In and near Thousand Oaks, from Los Angeles County line to 0.3 mile north of Camarillo Springs Road. Construct access trails and Maintenance Vehicle Pullouts (MVPs), relocate irrigation facilities, install access gates, railings and breakaway post sleeves, pave gore, narrow and slope areas.	32560 2020-21	R/W: \$20 Con: \$4,915	PA&ED: \$514 PS&E: \$1,523 R/W Sup: \$46 Con Sup: \$2,117	Prior Prior 20-21 20-21	PA&ED: 12/2/2019 R/W Cert: 2/10/2021 RTL: 3/30/2021 Begin Con: 11/1/2021
<i>Carryover</i>			Subtotal: \$4,935 Total Project Cost:	\$4,200 \$9,135		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 94 Location(s)

MANDATES

07-Ventura-1 0.0/28.5 5012 0716000067	In Ventura County, at various locations; also on Route 101 (PM 22.0/43.6), Route 34 (PM 4.3/17.7) and Route 150 (PM 2.5/34.4). Construct and install stormwater treatment Best Management Practices (BMPs) Including biofiltration swales, gross solid removal devices and Austin Vault Sand Filters.	32270 2021-22	R/W: \$126 Con: \$10,340	PA&ED: \$2,500 PS&E: \$2,650 R/W Sup: \$40 Con Sup: \$3,750	Prior 20-21 20-21 21-22	PA&ED: 7/2/2020 R/W Cert: 11/1/2021 RTL: 12/15/2021 Begin Con: 7/5/2022
<i>Carryover</i>			Subtotal: \$10,466 Total Project Cost:	\$8,940 \$19,406		
						Program 201.335 Storm Water Mitigation Project Output(s) 90.6 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-23 0.0/24.2 5391 0718000141	In and near Thousand Oaks, Moorpark, and Fillmore, from the Los Angeles County line to Route 126. Construct stormwater Best Management Practices (BMPs).	34840 2023-24	R/W: \$3,149 Con: \$2,477	PA&ED: \$2,264 PS&E: \$2,596 R/W Sup: \$1,738 Con Sup: \$1,724	20-21 21-22 21-22 23-24	PA&ED: 3/30/2022 R/W Cert: 2/29/2024 RTL: 3/30/2024 Begin Con: 12/30/2024
New			Subtotal: \$5,626	\$8,322		
			Total Project Cost:	\$13,948		

Program 201.335 Storm Water Mitigation
Project Output(s) 16.1 Acre(s) treated/pollutant

07-Ventura-33 T5.7/27.0 5508 0719000009	In and near Ojai, from Casitas Vista Road to 1.2 mile north of Rose Valley Road. Construct stormwater Best Management Practices (BMPs).	35520 2023-24	R/W: \$203 Con: \$3,154	PA&ED: \$1,672 PS&E: \$1,884 R/W Sup: \$199 Con Sup: \$2,246	20-21 21-22 21-22 23-24	PA&ED: 12/30/2021 R/W Cert: 9/30/2023 RTL: 10/30/2023 Begin Con: 7/30/2024
New			Subtotal: \$3,357	\$6,001		
			Total Project Cost:	\$9,358		

Program 201.335 Storm Water Mitigation
Project Output(s) 10.8 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-33 27.0/42.9 5523 0719000031	Near Wheeler Springs, from 1.2 miles north of Rose Valley Road to north of Pine Mountain Ridge Road; also in and near Oxnard, from Oxnard Boulevard to Route 118 (PM 0.346/R4.110). Construct stormwater Best Management Practices (BMPs).	35680 2023-24	R/W: \$2,457 Con: \$1,700	PA&ED: \$1,705 PS&E: \$1,728 R/W Sup: \$587 Con Sup: \$1,338	20-21 21-22 21-22 23-24	PA&ED: 8/30/2021 R/W Cert: 2/28/2024 RTL: 3/30/2024 Begin Con: 3/30/2025
New			Subtotal: \$4,157	\$5,358		
			Total Project Cost: \$9,515			

Program 201.335 Storm Water Mitigation
Project Output(s) 8.2 Acre(s) treated/pollutant

07-Ventura-118 1.2/1.8 5204 0716000375	Near the city of Ventura, from County Drive to Santa Clara River. Construct stormwater treatment Best Management Practices (BMPs) infiltration basin.	33600 2021-22	R/W: \$10 Con: \$6,011	PA&ED: \$950 PS&E: \$1,961 R/W Sup: \$44 Con Sup: \$1,680	Prior Prior Prior 21-22	PA&ED: 9/15/2021 R/W Cert: 3/18/2022 RTL: 3/30/2022 Begin Con: 11/15/2022
Carryover			Subtotal: \$6,021	\$4,635		
			Total Project Cost: \$10,656			

Program 201.335 Storm Water Mitigation
Project Output(s) 42.0 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-126 R13.2/R34.5 5519 0719000023	In and near Santa Paula and Fillmore, from South Hallock Drive to the Los Angeles County line. Construct stormwater Best Management Practices (BMPs)	35650 2023-24	R/W: \$354 Con: \$5,364	PA&ED: \$2,406 PS&E: \$3,490 R/W Sup: \$357 Con Sup: \$2,221	20-21 21-22 21-22 23-24	PA&ED: 12/30/2021 R/W Cert: 8/30/2023 RTL: 9/30/2023 Begin Con: 4/30/2024
<i>New</i>			Subtotal: \$5,718	\$8,474		
			Total Project Cost:	\$14,192		

Program 201.335 Storm Water Mitigation
Project Output(s) 59.7 Acre(s) treated/pollutant

07-Ventura-118 0.5/T18.8 5233 0717000119	In and near Ventura and Moorpark, from North Route 126 Junction (PM 0.516) to 0.3 mile west of Princeton Avenue. Reconstruct curb ramps, install Accessible Pedestrian Signals (APS) and upgrade thermoplastic pavement marking crosswalks.	33920 2021-22	R/W: \$55 Con: \$1,200	PA&ED: \$1,000 PS&E: \$500 R/W Sup: \$24 Con Sup: \$400	Prior 20-21 20-21 21-22	PA&ED: 9/11/2020 R/W Cert: 3/1/2022 RTL: 3/15/2022 Begin Con: 8/15/2022
<i>Carryover</i>			Subtotal: \$1,255	\$1,924		
			Total Project Cost:	\$3,179		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 33 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	33.0	33.0	Each
Post Condition	33.0	0.0	0.0	33.0	Each

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-150 16.6/34.4 4746 0714000179	In and near cities of Ojal and Santa Paula, from Route 33 to Route 126. Construct and upgrade curb ramps and sidewalks to comply with Americans with Disabilities Act (ADA) standards.	30670 2021-22	R/W: \$556 Con: \$4,549	PA&ED: \$908 PS&E: \$1,000 R/W Sup: \$100 Con Sup: \$1,000	Prior Prior Prior 21-22	PA&ED: 4/17/2020 R/W Cert: 3/4/2022 RTL: 4/4/2022 Begin Con: 8/2/2022
Carryover			Subtotal: \$5,105 Total Project Cost:	\$3,008 \$8,113		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 134 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	134.0	134.0	Each
Post Condition	134.0	0.0	0.0	134.0	Each

BRIDGE PRESERVATION

07-Ventura-1 21.5 4972 0716000025	Near the city of Ventura, at Ventura Overhead No. 52-0040. Replace corroded steel spans of bridge and upgrade bridge railing to current standards.	31960 2021-22	R/W: \$983 Con: \$3,565	PA&ED: \$1,200 PS&E: \$2,500 R/W Sup: \$540 Con Sup: \$1,650	Prior Prior Prior 21-22	PA&ED: 6/26/2019 R/W Cert: 11/15/2021 RTL: 12/15/2021 Begin Con: 8/15/2022
Carryover			Subtotal: \$4,548 Total Project Cost:	\$5,890 \$10,438		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	27,373.0	0.0	27,373.0	Square feet
Post Condition	27,373.0	0.0	0.0	27,373.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 52-0040	Fair	Good

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-1 28.2 4601 0713000099	Near Sea Cliff, at Willow Creek Bridge No. 52-003; also in Ojai, on Route 33 at North Fork Matilija Bridges No. 52 -0044 (PM 15.8) and No. 52-0173 (PM16.1). Upgrade bridge railings to meet current standards.	29650 2020-21	R/W: \$818 Con: \$2,657	PA&ED: \$958 PS&E: \$2,300 R/W Sup: \$465 Con Sup: \$2,000	Prior 20-21 20-21 20-21	PA&ED: 9/23/2019 R/W Cert: 4/30/2021 RTL: 6/1/2021 Begin Con: 12/31/2021
Carryover			Subtotal: \$3,475 Total Project Cost:	\$5,723 \$9,198		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 724.0 Linear feet
3 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	724.0	724.0	Linear feet rail
Post Condition	724.0	0.0	0.0	724.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 52-0003	Good	Good
Bridge No. 52-0044	Good	Good
Bridge No. 52-0173	Fair	Good

07-Ventura-33 16.1 5008 0716000060	Near Ojai, at North Fork Matilija Creek No. 52-0173. Paint steel portion of bridge and replace missing rivets of bottom flanges for preventative maintenance to preserve and extend the life of bridge.	32300 2021-22	R/W: \$30 Con: \$660	PA&ED: \$320 PS&E: \$850 R/W Sup: \$50 Con Sup: \$620	Prior Prior Prior 21-22	PA&ED: 12/28/2018 R/W Cert: 7/21/2021 RTL: 8/15/2021 Begin Con: 12/31/2021
Carryover			Subtotal: \$690 Total Project Cost:	\$1,840 \$2,530		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 1 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,636.0	1,636.0	Square feet
Post Condition	1,636.0	0.0	0.0	1,636.0	Square feet

Bridge Health Existing Condition Post Condition

Bridge No. 52-0173	Fair	Good
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V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

07-Ventura-1 21.3/27.1 5018 0716000072	In the city of Ventura, from North 101 Junction - Solimar Undercrossing to Hobson County Park Road. Cold plane and overlay pavement, upgrade guardrail/end treatment, install traffic signs and crosswalks.	32390 2021-22	R/W: \$14 Con: \$10,200	PA&ED: \$625 PS&E: \$1,850 R/W Sup: \$60 Con Sup: \$3,350	Prior 20-21 20-21 21-22	PA&ED: 7/15/2020 R/W Cert: 11/1/2021 RTL: 12/15/2021 Begin Con: 8/5/2022
Carryover			Subtotal: \$10,214	\$5,885		
			Total Project Cost:	\$16,099		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 11.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	11.7	0.0	11.7	Lane mile(s)
Post Condition	11.7	0.0	0.0	11.7	Lane mile(s)

07-Ventura-34 6.3/17.7 5515 0719000019	In and near Camarillo, from Rice Avenue to Route 118 (PM 17.663). Rehabilitate pavement, upgrade guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35590 2023-24	R/W: \$484 * Con: \$26,040	PA&ED: \$1,598 PS&E: \$3,464 R/W Sup: \$2,125 * Con Sup: \$4,281	20-21 21-22 22-23 23-24	PA&ED: 11/30/2021 R/W Cert: 4/15/2024 RTL: 5/15/2024 Begin Con: 2/19/2025
New			Subtotal: \$26,524	\$11,468		
			Total Project Cost:	\$37,992		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 22.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	22.5	0.0	22.5	Lane mile(s)
Post Condition	22.5	0.0	0.0	22.5	Lane mile(s)

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-118 15.6/R17.9 5432 0718000204	In Moorpark, from Montair Drive to Spring Road. Rehabilitate pavement, upgrade guardrail, upgrade Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35170 2023-24	R/W: \$1,412 Con: \$16,744	PA&ED: \$1,260 PS&E: \$3,220 R/W Sup: \$1,764 Con Sup: \$2,620	20-21 21-22 21-22 23-24	PA&ED: 2/1/2022 R/W Cert: 3/22/2024 RTL: 3/29/2024 Begin Con: 11/15/2024
New			Subtotal: \$18,156	\$8,864		
			Total Project Cost:		\$27,020	

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 8.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	5.0	3.2	8.2	Lane mile(s)
Post Condition	8.2	0.0	0.0	8.2	Lane mile(s)

07-Ventura-150 R13.3/19.0 5014 0716000069	In and near Ojai and Mira Monte, from Burham Road to Gorham Road. Cold plane and overlay pavement, upgrade guardrail and signs.	32370 2020-21	R/W: \$221 Con: \$5,588	PA&ED: \$600 PS&E: \$1,500 R/W Sup: \$250 Con Sup: \$1,700	Prior Prior Prior 20-21	PA&ED: 9/18/2019 R/W Cert: 6/1/2021 RTL: 6/15/2021 Begin Con: 2/15/2022
Carryover			Subtotal: \$5,809	\$4,050		
			Total Project Cost:		\$9,859	

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 11.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	11.4	0.0	11.4	Lane mile(s)
Post Condition	11.4	0.0	0.0	11.4	Lane mile(s)

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-150 31.3/34.4 5353 0718000061	In and near Santa Paula, from north of Bridge Road to Route 126 (PM 34.398). Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, rehabilitate Transportation Management System (TMS) elements, and upgrade guardrail.	34450 2023-24	R/W: \$2,146 Con: \$6,358	PA&ED: \$687 PS&E: \$2,795 R/W Sup: \$2,522 Con Sup: \$1,809	20-21 21-22 21-22 23-24	PA&ED: 9/21/2021 R/W Cert: 2/15/2024 RTL: 3/15/2024 Begin Con: 11/11/2024
New			Subtotal: \$8,504 Total Project Cost:	\$7,813 \$16,317		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 6.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	6.1	0.2	6.3	Lane mile(s)
Post Condition	6.3	0.0	0.0	6.3	Lane mile(s)

07-Ventura-232 0.4/R4.1 5373 0718000079	In and near Oxnard, from Route 101 to Route 118. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade guardrail.	34680 2023-24	R/W: \$693 Con: \$9,982	PA&ED: \$768 PS&E: \$2,840 R/W Sup: \$472 Con Sup: \$2,859	20-21 21-22 21-22 23-24	PA&ED: 12/30/2021 R/W Cert: 2/28/2024 RTL: 3/30/2024 Begin Con: 12/30/2024
New			Subtotal: \$10,675 Total Project Cost:	\$6,939 \$17,614		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	13.2	1.5	14.7	Lane mile(s)
Post Condition	14.7	0.0	0.0	14.7	Lane mile(s)

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

07-Ventura-23 R3.6/T11.6 5365 0718000072	In Ventura and Los Angeles Counties, on various routes at various locations. Upgrade and install new Transportation Management System (TMS) elements, install Maintenance Vehicle Pullouts (MVPs), and upgrade communication system at the Los Angeles Regional Transportation Management Center (LARTMC).	34620 2022-23	R/W: \$22 Con: \$22,324	PA&ED: \$1,112 PS&E: \$3,517 R/W Sup: \$47 Con Sup: \$5,345	20-21 21-22 21-22 22-23	PA&ED: 7/30/2021 R/W Cert: 2/28/2023 RTL: 3/30/2023 Begin Con: 12/30/2023
New			Subtotal: \$22,346	\$10,021		
			Total Project Cost:	\$32,367		

Program 201.315 Transportation Management Systems
Project Output(s) 44 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	36	Field element(s)
Post Condition	100.0%		0.0%	44	Field element(s)

07-Ventura-101 9.0/9.2 5081 0716000220	In Thousand Oaks and Camarillo, from Wendy Drive to Pleasant Valley Road, at the northbound and southbound Commercial Vehicle Enforcement Facilities. Replace concrete slabs and repair and replace asphalt concrete.	33100 2020-21	R/W: \$8 Con: \$2,006	PA&ED: PS&E: \$1,550 R/W Sup: \$20 Con Sup: \$850	Prior Prior 20-21	PA&ED: 6/29/2016 R/W Cert: 7/10/2020 RTL: 8/10/2020 Begin Con: 6/8/2021
Carryover			Subtotal: \$2,014	\$2,420		
			Total Project Cost:	\$4,434		

Program 201.321 Weigh Stations
Project Output(s) 2 Location(s)

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-118 13.3/15.6 5255 0717000194	In and near Moorpark, at the eastbound and westbound Commercial Vehicle Enforcement Facilities. Construct new modular office facility and install overhead truck scale on/off message signs.	34160 2021-22	R/W: \$181 Con: \$2,591	PA&ED: \$300 PS&E: \$800 R/W Sup: \$16 Con Sup: \$1,302	Prior Prior Prior 21-22	PA&ED: 10/1/2019 R/W Cert: 7/30/2021 RTL: 10/15/2021 Begin Con: 4/29/2022
Carryover			Subtotal: \$2,772	\$2,418		
			Total Project Cost:	\$5,190		

Program 201.321 Weigh Stations
Project Output(s) 2 Location(s)

Ventura County

R/W:	\$16,827	PA&ED:	\$32,432
Const:	\$271,925	PS&E:	\$63,937
		R/W Sup:	\$13,970
		Con Sup:	\$68,708
Subtotal:	\$288,752		\$179,047
Total (Capital + Support):			\$467,799

V4.0 2020 SHOPP Project List
Yolo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

03-Yolo-16	In Esparto, from Orleans Street to	4F171	R/W: \$479	PA&ED: \$380	Prior	PA&ED: 6/29/2018
27.5/28.3	County Road 21A. Improve	2020-21	Con: \$3,468	PS&E: \$1,060	Prior	R/W Cert: 9/14/2020
8663	pedestrian safety by improving			R/W Sup: \$990	Prior	RTL: 10/1/2020
0318000208	crosswalks, curb bulb-outs, and			Con Sup: \$790	20-21	Begin Con: 2/4/2021
			Subtotal: \$3,947	\$3,220		
Carryover			Total Project Cost:	\$7,167		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

ROADWAY PRESERVATION

03-Yolo-80	In and near West Sacramento, from	4F650	R/W: \$866	PA&ED: \$10,337	Prior	PA&ED: 1/1/2022
4.3/R11.4	east of Mace Boulevard to	2023-24	* Con: \$239,000	PS&E: \$14,820	21-22	R/W Cert: 12/1/2023
8784	Sacramento River Bridge; also on			R/W Sup: \$4,010	21-22	RTL: 2/1/2024
0314000233	Route 50, from Route 80 to Jefferson			* Con Sup: \$25,530	23-24	Begin Con: 11/1/2024
			Subtotal: \$239,866	\$54,697		
Carryover			Total Project Cost:	\$294,563		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 48.0 Lane mile(s)

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.1	43.8	3.1	48.0	Lane mile(s)
Post Condition	48.0	0.0	0.0	48.0	Lane mile(s)

V4.0 2020 SHOPP Project List

Yolo

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Yolo County

R/W:	\$1,345	PA&ED:	\$10,717
Const:	\$242,468	PS&E:	\$15,880
		R/W Sup:	\$5,000
		Con Sup:	\$26,320

Subtotal:	\$243,813		\$57,917
Total (Capital + Support):			\$301,730

V4.0 2020 SHOPP Project List
Yuba
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

03-Yuba-20 0.1 8140 0313000033	In Marysville, at the Feather River Bridge No. 18-009. Scour mitigation and retrofit piers.	3F560 2020-21	R/W: \$1,887 Con: \$26,441	PA&ED: \$1,240 PS&E: \$2,700 R/W Sup: \$200 Con Sup: \$4,100	Prior 20-21 20-21 20-21	PA&ED: 1/25/2019 R/W Cert: 8/15/2020 RTL: 9/1/2020 Begin Con: 12/20/2020
			Subtotal: \$28,328	\$8,240		
<i>Carryover</i>			Total Project Cost:	\$36,568		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 1 Bridge(s)

Primary Asset

(Scour)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	182,470.0	182,470.0	Square feet
Post Condition	182,470.0	0.0	0.0	182,470.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 18-0009	Good	Good

03-Yuba-70 R11.2/13.5 9822 0316000082	Near Marysville, at Feather River Boulevard Overcrossing No. 16-0033 (PM 13.01) and South Marysville Undercrossing No. 16-0035 (PM 13.23). Upgrade bridge rails and construct median concrete barrier between project limits.	1H270 2022-23	R/W: \$10 Con: \$9,700	PA&ED: \$900 PS&E: \$1,540 R/W Sup: \$30 Con Sup: \$1,290	20-21 20-21 20-21 22-23	PA&ED: 1/4/2021 R/W Cert: 7/15/2022 RTL: 8/15/2022 Begin Con: 2/1/2023
			Subtotal: \$9,710	\$3,760		
<i>New</i>			Total Project Cost:	\$13,470		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 808.0 Linear feet
2 Bridge(s)

Primary Asset

(Bridge Rail)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	808.0	808.0	Linear feet rail
Post Condition	808.0	0.0	0.0	808.0	Linear feet rail

Bridge Health

	Existing Condition	Post Condition
Bridge No. 16-0033	Good	Good
Bridge No. 16-0035	Good	Good

V4.0 2020 SHOPP Project List
Yuba
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

03-Yuba-70 14.8/15.7 9820 0315000082	In and near Marysville, from south of 14th Street to north of Cemetery Road. Roadway rehabilitation.	0H160 2021-22	R/W: \$5,000 * Con: \$85,000	PA&ED: \$3,000 PS&E: \$3,500 R/W Sup: \$2,500 * Con Sup: \$12,000	Prior Prior Prior 21-22	PA&ED: 11/2/2020 R/W Cert: 3/1/2022 RTL: 3/15/2022 Begin Con: 7/25/2022
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(G13 Contingency)

Subtotal: \$90,000 \$21,000
Total Project Cost: \$111,000

Carryover

* Construction Capital and * Construction Support phases are NOT authorized
 SB1 Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 2.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	2.4	0.0	2.4	Lane mile(s)
Post Condition	2.4	0.0	0.0	2.4	Lane mile(s)

03-Yuba-65 R0.5/1.8 9732 0315000151	In and near Wheatland, from north of State Street to north of Evergreen Drive. Rehabilitate pavement, add bike lanes, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0H370 2022-23	R/W: \$270 Con: \$4,400	PA&ED: \$400 PS&E: \$830 R/W Sup: \$510 Con Sup: \$580	20-21 20-21 20-21 22-23	PA&ED: 4/29/2021 R/W Cert: 2/20/2023 RTL: 3/1/2023 Begin Con: 8/1/2023
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New

Subtotal: \$4,670 \$2,320
Total Project Cost: \$6,990

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 2.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.1	0.7	0.7	2.5	Lane mile(s)
Post Condition	2.5	0.0	0.0	2.5	Lane mile(s)

Yuba County

R/W: \$7,167 PA&ED: \$5,540
 Const: \$125,541 PS&E: \$8,570
 R/W Sup: \$3,240
 Con Sup: \$17,970

Subtotal: \$132,708 \$35,320
Total (Capital + Support): \$168,028