

MEMORANDUM

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: June 27-28, 2024

From: STEVEN KECK, Chief Financial Officer

Reference Number: 2.1a.(1), Action Item

Prepared By: James R. Anderson, Chief
Division of Financial Programming

Subject: **SHOPP AMENDMENT 24H-002**

ISSUE:

Should the California Transportation Commission (Commission) approve the California Department of Transportation's (Department) request to amend the 2024 State Highway Operation and Protection Program (SHOPP) under SHOPP Amendment 24H-002?

RECOMMENDATION:

The Department recommends that the Commission approve SHOPP Amendment 24H-002 that will amend the 2024 SHOPP, in accordance with Senate Bill (SB) 486 and the Road Maintenance and Rehabilitation Program component of SB 1, which require the Commission to approve changes to projects in the SHOPP or to adopt new projects being amended into the SHOPP.

The Department recommends 40 new capital projects be amended into the 2024 SHOPP, as detailed in 2.1a.(1a). This amendment, summarized below, would be funded from the Collision Reduction, Facilities, Major Damage Restoration, Mobility, 2024 SHOPP programming capacity and the Infrastructure Investment and Jobs Act (IIJA). These projects are consistent with the 2022 Transportation Asset Management Plan (TAMP).

2024 SHOPP Summary of New Projects	No.	FY 2023-24 (\$1,000)	FY 2024-25 (\$1,000)	FY 2025-26 (\$1,000)	FY 2026-27 (\$1,000)	FY 2027-28 (\$1,000)
Collision Reduction	1	\$0	\$0	\$0	\$7,148	\$0
Facilities	18	\$46,190	\$0	\$0	\$0	\$0
Major Damage Restoration	20	\$73,515	\$0	\$0	\$0	\$0
Mobility	1	\$0	\$29,238	\$0	\$0	\$0
Total New Amendments	40	\$119,705	\$29,238	\$0	\$7,148	\$0

*"Provide a safe and reliable transportation network that
serves all people and respects the environment."*

The Department recommends one additional new capital project be amended into the 2024 SHOPP, targeted to the four asset classes highlighted in SB 1, as detailed in 2.1a.(1b) and summarized below. The amendment would be funded from the Bridge Preservation component of SB 1 utilizing capacity generated from 2024 SHOPP programming capacity and the IIJA. These projects are consistent with the 2022 TAMP.

2024 SHOPP Summary of New Projects	No.	FY 2023-24 (\$1,000)	FY 2024-25 (\$1,000)	FY 2025-26 (\$1,000)	FY 2026-27 (\$1,000)	FY 2027-28 (\$1,000)
Bridge Preservation	1	\$0	\$0	\$0	\$13,932	\$0
Total New Amendments	1	\$0	\$0	\$0	\$13,932	\$0

The Department further recommends that the capital projects detailed in 2.1a.(1d), 2.1a.(1e), and 2.1a.(1f) be amended in the 2024 SHOPP to update scope, schedule, cost and make other technical changes. The amended projects are consistent with the Commission-adopted 2022 TAMP.

BACKGROUND:

In each even-numbered year, the Department prepares a 4-year SHOPP which defines major capital improvements necessary to preserve and protect the State Highway System. Periodically, the Department proposes amendments to the SHOPP to address newly identified needs prior to the next programming cycle. Between programming cycles, the Department updates scope, schedule and cost to effectively deliver projects.

SB 486, approved by the Governor on September 30, 2014, requires Commission approval of projects amended into the SHOPP.

Attachments

*“Provide a safe and reliable transportation network that
serves all people and respects the environment.”*

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
Collision Reduction					
1 04-CC-80 0.101/13.728 2921R 0423000341 3Y990	In and near Richmond, San Pablo, Pinole, and Hercules at various locations, from 0.1 mile west of Central Avenue to 0.2 mile east of Pomona Street. Install/enhance pavement markers and enhance pavement delineation for wrong-way driving at offramps.	26-27	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$894 \$1,126 \$21 \$1,221 \$7 <u>\$3,879</u> \$7,148	24-25 25-26 25-26 26-27 26-27 26-27 0.22 Annual fatal and serious injury collision(s)
	PA&ED: 9/15/2025 R/W: 9/7/2026 RTL: 1/28/2027 BC: 10/4/2027				
	<u>Performance Measure</u> 0.22 Annual fatal and serious injury collision(s)				
	Concurrent COS allocation under Resolution FP-23-107; June 2024.				

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.																								
Facilities																													
2 01-Var-Var Var 4905 0124000161 0P060	In Del Norte, Humboldt, Lake, and Mendocino Counties, at five maintenance stations. Install perimeter fencing, gates, motion lighting, and camera systems to improve security. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$200 \$0 <u>\$2,801</u> \$3,001	23-24 23-24																								
	PA&ED: N/A R/W: N/A RTL: 4/11/2024 BC: 7/1/2024				201.352 Assembly: 2, 4 Senate: 2 Congress: 2, 4																								
	<u>Performance Measure</u> 5.0 Location(s)																												
	Concurrent CONST and CON ENG allocation under Resolution FP-23-106; June 2024.																												
<table><tr><td colspan="6">Performance Measure:</td></tr><tr><td></td><td>Unit</td><td>Good</td><td>Fair</td><td>Poor</td><td>Quantity</td></tr><tr><td>Existing Condition</td><td>Square Feet</td><td>0</td><td>3,280</td><td>11,879</td><td>15,159</td></tr><tr><td>Post Condition</td><td>Square Feet</td><td>0</td><td>3,280</td><td>11,879</td><td>15,159</td></tr></table>						Performance Measure:							Unit	Good	Fair	Poor	Quantity	Existing Condition	Square Feet	0	3,280	11,879	15,159	Post Condition	Square Feet	0	3,280	11,879	15,159
Performance Measure:																													
	Unit	Good	Fair	Poor	Quantity																								
Existing Condition	Square Feet	0	3,280	11,879	15,159																								
Post Condition	Square Feet	0	3,280	11,879	15,159																								

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
3 02-Var-Var Var 3914 0224000105 1K400	In Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama, and Trinity Counties, on various routes at 22 maintenance stations. Install fencing, gates, lighting, and camera systems to improve security. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$600 \$0 <u>\$2,800</u> \$3,400	201.352 Assembly: 1, 2, 3 Senate: 1, 2 Congress: 1, 2, 3
	PA&ED: N/A R/W: N/A RTL: 4/16/2024 BC: 7/15/2024				

Performance Measure

22.0 Location(s)

Concurrent CONST and CON ENG allocation under
Resolution FP-23-106; June 2024.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	8,800	72,946	47,129	128,875
Post Condition	Square feet	8,800	72,946	47,129	128,875

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)	Program Code Leg./Congress. Dists. Perf. Meas.
4 03-Sac-Var Var 6728 0324000237 0N990	In Sacramento, Yolo, and Placer Counties, on various routes at four maintenance stations. Install fencing, gates, lighting, and camera systems to improve security. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED \$0 PS&E \$0 R/W Sup \$0 Con Sup \$0 R/W Cap \$0 <u>Const Cap</u> \$3,439 Total \$3,439	201.352 Assembly: 4, 5, 6 Senate: 1, 3, 8 Congress: 3, 6, 7
	PA&ED: N/A R/W: N/A RTL: 4/19/2024 BC: 7/1/2024			

Performance Measure

4.0 Location(s)

Concurrent CONST and CON ENG allocation under Resolution FP-23-106; June 2024.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	2,338	23,964	26,302
Post Condition	Square feet	0	2,338	23,964	26,302

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)	Program Code Leg./Congress. Dists. Perf. Meas.
5 03-Yub-Var Var 9833 0324000238 1N000	In Yuba and Butte Counties, on various routes at four maintenance stations. Install fencing, gates, lighting, and camera systems to improve security. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED \$0 PS&E \$0 R/W Sup \$0 Con Sup \$0 R/W Cap \$0 <u>Const Cap</u> \$4,160 Total \$4,160	201.352 Assembly: 3 Senate: 1 Congress: 1
	PA&ED: N/A R/W: N/A RTL: 4/19/2024 BC: 7/1/2024			

Performance Measure

4.0 Location(s)

Concurrent CONST and CON ENG allocation under Resolution FP-23-106; June 2024.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	21,910	0	10,794	32,704
Post Condition	Square feet	21,910	0	10,794	32,704

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
6 04-SM-92 R13.6 2926C 0424000277 1X220	In Foster City, at the West Bay Region Maintenance Station, 380 Foster City Boulevard; also in the City and County of San Francisco, at the San Francisco Maintenance Station, 30 and 110 Rickard Street. Replace perimeter fencing and gates to improve security measures. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$299 \$0 <u>\$1,991</u> \$2,290	201.352 Assembly: 17, 21 Senate: 11, 13 Congress: 15

PA&ED: N/A
R/W: N/A
RTL: 6/1/2024
BC: 8/1/2024

Performance Measure 2.0 Location(s)

Concurrent CONST and CON ENG allocation under Resolution FP-23-106; June 2024.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	9,516	9,516
Post Condition	Square feet	0	0	9,516	9,516

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
7 04-Sol-Var Var 2926M 0424000316 1X360	In Solono County, at the Vallejo Maintenance Station, Fairfield Maintenance Station, and Dixon Maintenance Station. Replace perimeter fencing, gates, and masonry walls to improve security measures. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED	\$0	201.352
			PS&E	\$0	Assembly: 11
			R/W Sup	\$0	Senate: 3
			Con Sup	\$425	Congress: 4, 8
			R/W Cap	\$0	
			<u>Const Cap</u>	<u>\$2,122</u>	
			Total	\$2,547	
	PA&ED: N/A				
	R/W: N/A				
	RTL: 6/1/2024				
	BC: 8/1/2024				

Performance Measure

3.0 Location(s)

Concurrent CONST and CON ENG allocation under Resolution FP-23-106; June 2024.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	3,200	4,092	7,292
Post Condition	Square feet	0	3,200	4,092	7,292

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
8 04-Var-Var Var 2926N 0424000317 1X370	In San Francisco and San Mateo Counties, at the West Bay Paint Maintenance Station, San Francisco Maintenance Station, West Bay Region Maintenance Station, and San Mateo Paint Maintenance Station. Install/replace video surveillance system to improve security measures. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$128 \$0 <u>\$426</u> \$554	201.352 Assembly: 17, 21 Senate: 11, 13 Congress: 11, 15

PA&ED: N/A
R/W: N/A
RTL: 6/1/2024
BC: 8/1/2024

Performance Measure

4.0 Location(s)

Concurrent CONST and CON ENG allocation under Resolution FP-23-106; June 2024.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	18,828	18,828
Post Condition	Square feet	0	0	18,828	18,828

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
9 04-Var-Var Var 2926P 0424000318 1X380	In Alameda, Contra Costa, Santa Clara, and Solano Counties on various routes at various locations. Install/replace video surveillance system and install lighting to improve security measures. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$306 \$0 <u>\$1,018</u> \$1,324	201.352 Assembly: 11, 15, 18, 20, 24 Senate: 3, 7, 9, 10 Congress: 8, 10, 12, 14, 17
	PA&ED: N/A R/W: N/A RTL: 6/1/2024 BC: 8/1/2024				

Performance Measure

8.0 Location(s)

Concurrent CONST and CON ENG allocation under Resolution FP-23-106; June 2024.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	24,614	19,160	10,668	54,442
Post Condition	Square feet	24,614	19,160	10,668	54,442

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
10 04-Var-Var Var 2926D 0424000278 1X230	In Santa Clara, Contra Costa, and Alameda Counties, in Oakland at the Seminary Maintenance Station, 6220 Seminary Avenue; also in Antioch at the Antioch Subyard Maintenance Station, Bridgehead Road; also in San Jose at the South San Jose Maintenance Station, 6010 Monterey Road; also in Gilroy at the Gilroy Maintenance Station, 11155 No Name Uno. Replace perimeter fencing and gates to improve security measures. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$455 \$0 <u>\$3,032</u> \$3,487	201.352 Assembly: 15, 18, 25, 29 Senate: 3, 7, 15 Congress: 8, 12, 18, 19
PA&ED: N/A R/W: N/A RTL: 6/1/2024 BC: 8/1/2024					

Performance Measure

4.0 Location(s)

Concurrent CONST and CON ENG allocation under Resolution FP-23-106; June 2024.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	9,567	7,974	17,541
Post Condition	Square feet	0	9,567	7,974	17,541

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
11 07-LA-105 R2.258 6253 0724000200 2XM40	In Hawthorne, Long Beach, and Commerce, at the Felton Maintenance Station (MS), Willow MS, Commerce MS, and Butler MS. Replace existing fences and gates with hardened fences and gates and install perimeter laser detection systems to improve security. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$340 \$0 <u>\$3,680</u> \$4,020	201.352 Assembly: 54, 61, 65, 69 Senate: 33, 35 Congress: 42, 43, 44
	PA&ED: N/A R/W: N/A RTL: N/A BC: N/A				

Performance Measure

4.0 Location(s)

Concurrent CONST and CON ENG allocation under Resolution FP-23-106; June 2024.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	1,200	6,261	976	8,437
Post Condition	Square feet	1,200	6,261	976	8,437

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
12 07-LA-405 48.6 6252 0724000199 2XM30	In the cities of Los Angeles and Diamond Bar, at the San Fernando Maintenance Station (MS), the Alameda MS, the Diamond Bar MS, and the Hollywood MS. Replace existing fences and gates with hardened fences and gates and install perimeter laser detection systems to improve security. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$325 \$0 <u>\$3,545</u> \$3,870	201.352 Assembly: 43, 54, 56, 57 Senate: 20, 26, 28, 30 Congress: 29, 34, 37, 38

PA&ED: N/A
R/W: N/A
RTL: N/A
BC: N/A

Performance Measure

4.0 Location(s)

Concurrent CONST and CON ENG allocation under Resolution FP-23-106; June 2024.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	12,250	9,120	21,370
Post Condition	Square feet	0	12,250	9,120	21,370

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
13 07-Ven-1 3.8 6254 0724000201 2XM50	In Santa Paula and Malibu, at the Santa Paula Maintenance Station (MS) and the Big Sycamore MS. Replace existing fences and gates with hardened fences and gates and install perimeter laser detection systems to improve security. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$100 \$0 <u>\$1,010</u> \$1,110	201.352 Assembly: 38, 42 Senate: 21 Congress: 26
	PA&ED: N/A R/W: N/A RTL: N/A BC: N/A				

Performance Measure

2.0 Location(s)

Concurrent CONST and CON ENG allocation under Resolution FP-23-106; June 2024.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	4,148	4,148
Post Condition	Square feet	0	0	4,148	4,148

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
14 08-Riv-Var Var 3032Q 0824000184 0N070	In Riverside County, at Corona Maintenance Station and Riverside Maintenance Station. Upgrade fencing and lighting to improve security measures. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$291 \$0 <u>\$1,942</u> \$2,233	201.352 Assembly: 58, 63 Senate: 31 Congress: 39, 41
	PA&ED: N/A R/W: N/A RTL: 6/1/2024 BC: 8/1/2024				

Performance Measure

2.0 Location(s)

Concurrent CONST and CON ENG allocation under Resolution FP-23-106; June 2024.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	4,356	4,544	8,900
Post Condition	Square feet	0	4,356	4,544	8,900

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
15 08-SBd-Var Var 3032P 0824000185 0N080	In San Bernardino County, at Cajon Maintenance Station and Victorville Maintenance Station. Upgrade fencing and lighting to improve security measures. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$249 \$0 <u>\$1,666</u> \$1,915	201.352 Assembly: 39, 41 Senate: 23 Congress: 23, 28
	PA&ED: N/A R/W: N/A RTL: 6/1/2024 BC: 8/1/2024				

Performance Measure

2.0 Location(s)

Concurrent CONST and CON ENG allocation under Resolution FP-23-106; June 2024.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	17,181	17,181
Post Condition	Square feet	0	0	17,181	17,181

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
16 08-SBd-Var 3023R 0824000186 0N090	In San Bernardino County, at Magana-Ortega Maintenance Station, Ontario Maintenance Station, and San Bernardino Maintenance Station. Upgrade fencing and lighting to improve security measures. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$292 \$0 <u>\$1,948</u> \$2,240	201.352 Assembly: 45, 50, 53 Senate: 22, 29 Congress: 33, 35
	PA&ED: N/A R/W: N/A RTL: 6/1/2024 BC: 8/1/2024				

Performance Measure

3.0 Location(s)

Concurrent CONST and CON ENG allocation under Resolution FP-23-106; June 2024.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	6,430	17,700	6,496	30,626
Post Condition	Square feet	6,430	17,700	6,496	30,626

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
17 10-Var-Var Var 3659 1024000087 1S490	In Mariposa, Calaveras and Amador Counties at the Merced, Los Banos, Modesto, and Stockton Maintenance Stations. Repair and replace fencing, gates and gate controls. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$100 \$0 \$1,999 \$2,099	201.352 Assembly: 9, 22, 27 Senate: 4, 5, 14 Congress: 5, 9, 13
	PA&ED: N/A R/W: N/A RTL: N/A BC: N/A				

Performance Measure

4.0 Location(s)

Concurrent CONST and CON ENG allocation under
Resolution FP-23-106; June 2024.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	10,968	10,968
Post Condition	Square feet	0	0	10,968	10,968

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
18 10-Var-Var Var 3658 1024000090 1S520	In Mariposa, Calaveras and Amador Counties at the Altaville, Midpines, Lone and Pine Grove Maintenance Stations. Repair and replace fencing, gates and gate controls. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$100 \$0 <u>\$2,001</u> \$2,101	201.352 Assembly: 1, 8, 9 Senate: 4 Congress: 5
	PA&ED: N/A R/W: N/A RTL: N/A BC: N/A				

Performance Measure

4.0 Location(s)

Concurrent CONST and CON ENG allocation under
Resolution FP-23-106; June 2024.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	9,400	6,248	15,648
Post Condition	Square feet	0	9,400	6,248	15,648

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.																								
19 12-Ora-Var 1207 1224000100 0V200	In Orange County at 6 maintenance stations. Install perimeter fencing, gates, and camera systems to improve security. This project will utilize the Emergency Limited Bid contract method. PA&ED: N/A R/W: N/A RTL: N/A BC: N/A	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$151 \$0 <u>\$2,249</u> \$2,400	23-24 23-24																								
					201.352 Assembly: 59, 68, 70, 73, 74 Senate: 30, 34, 36, 37, 38 Congress: 45, 46, 47, 49																								
<u>Performance Measure</u>																													
6.0 Location(s)																													
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Performance Measure:																													
	Unit	Good	Fair	Poor	Quantity																								
Existing Condition	Square feet	72,077	8,367	23,717	104,161																								
Post Condition	Square feet	72,077	8,367	23,717	104,161																								

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
Major Damage Restoration					
20 01-Hum-36 25.4/26.0 4922 0124000183 0P180	Near Bridgeville, from Bridgeville Maintenance Station to 0.6 mile east of Bridgeville Maintenance Station. Construct soldier pile retaining wall, reconstruct roadway, construct underdrain and drainage system, install guardrail, and place erosion control.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$50 \$1,750 \$25 <u>\$8,440</u> \$10,265	23-24 23-24 23-24 23-24 23-24
					201.130 Assembly: 2 Senate: 2 Congress: 2 1.0 Location(s)
	<u>Performance Measure</u> 1.0 Location(s) <u>Note:</u> Multiple heavy rainfall events in the winter months of 2024 impacted the region with saturated soils. On February 23, 2024, maintenance forces noticed reactivation of a slipout at a former storm damage location where a permanent restoration project is currently in design phase. Given the instability at this location, an emergency project is necessary. This project will construct soldier pile retaining wall, reconstruct roadway, construct underdrain and drainage system, install guardrail, and place erosion control.				
21 01-Hum-101 112.28 4918 0124000179 0P140	Near Big Lagoon, at 0.3 mile south of Kane Road. Stabilize and reconstruct roadway, install subsurface drainage systems, restore drainage systems, and place erosion control.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$25 \$300 \$25 <u>\$1,000</u> \$1,350	23-24 23-24 23-24 23-24
					201.130 Assembly: 2 Senate: 2 Congress: 2 1.0 Location(s)
	<u>Performance Measure</u> 1.0 Location(s) <u>Note:</u> Multiple heavy rainfall events in the winter months of 2024 impacted the region with saturated soils. On March 15, 2024, a large slipout developed, resulting in closure of southbound shoulder on Route 101. This project will stabilize and reconstruct the roadway, install subsurface drainage systems, restore drainage systems, and place erosion control.				

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
22 01-Men-1 74.9/78.0 4921 0124000182 0P170	Near Westport, from Blue Slide Gulch Viaduct No. 10-0166 to 0.3 mile south of Wages Creek Bridge. Stabilize and reconstruct the roadway, repair viaduct, restore drainage systems, and place erosion control.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$25 \$750 \$25 <u>\$2,500</u> \$3,300	201.130 Assembly: 2 Senate: 2 Congress: 2 3.0 Location(s)
<u>Performance Measure</u> 3.0 Location(s) <u>Note:</u> Multiple heavy rainfall events in the winter months of 2024 coupled with large surf and wave action impacted the region. On March 7, 2024, three locations within the project limits were impacted. At PM 75.0, a slipout at Blue Slide Gulch Viaduct caused cracks in the columns. At PM 75.06, the earth movement damaged the culvert. At PM 78.25, a slipout occurred causing the roadway to settle and damaging the culvert. This project will stabilize and reconstruct the roadway, repair viaduct, restore drainage systems, and place erosion control.					
23 01-Men-101 1.89 4917 0124000178 0P130	Near Cloverdale, at 1.2 miles north of Geysers Road. Stabilize slope, construct Rock Slope Protection (RSP) buttress, and repair the drainage system.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$10 \$300 \$5 <u>\$1,000</u> \$1,315	201.130 Assembly: 2 Senate: 2 Congress: 2 1.0 Location(s)
<u>Performance Measure</u> 1.0 Location(s) <u>Note:</u> Multiple heavy rainfall events in the winter months of 2024 have impacted the region with saturated slopes. On March 19, 2024, a landslide developed at this location. Saturated slope caused the embankment to fail, resulting in separation of the downdrain which further exacerbated the situation. This project will stabilize the slope, construct Rock Slope Protection (RSP) buttress, and repair the drainage system.					

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
24 01-Men-101 R86.0/R87.5 4908 0124000164 0P090	Near Cummings, from 1.7 miles south to 0.2 mile south of Route 271; also on Route 271, from 0.2 mile north to 1.2 miles north of Hermitage Road (PM 1.5/2.5). Stabilize and reconstruct roadway, install subsurface drainage systems, restore culverts, and place erosion control.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$25 \$650 \$25 <u>\$2,000</u> \$2,700	201.130 Assembly: 2 Senate: 2 Congress: 2 1.0 Location(s)

Performance Measure

1.0 Location(s)

Note: Multiple heavy rainfall events in the winter months of 2024 impacted the region with saturated soils. On March 10, 2024, a large landslide began moving rapidly, resulting in closure of two southbound lanes on Route 101 and full closure of Route 271. Damage at this location has compromised surface drainage, roadway stability, and culverts. This project will stabilize and reconstruct the roadway, install subsurface drainage systems, restore culverts, and place erosion control.

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
25 01-Men-128 4.0/5.0 4907 0124000163 0P080	Near Navarro, from 4.0 miles east to 5.0 miles east of Route 1. Remove slide material and unstable trees, stabilize slope, reconstruct and stabilize roadway, provide erosion control, and restore drainage.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$25 \$300 \$25 <u>\$1,000</u> \$1,350	201.130 Assembly: 2 Senate: 2 Congress: 2 1.0 Location(s)
<u>Performance Measure</u> 1.0 Location(s)					
<u>Note:</u> Beginning late February 2024, another series of large storms impacted the region. On February 23, 2024, a slide occurred at this location resulting in roadway closure. The slide material was removed from the roadway by the Department maintenance forces. On March 07, 2024, the slide became active again resulting in another roadway closure. This project will remove the slide material and unstable trees, stabilize slope, reconstruct and stabilize roadway, provide erosion control, and restore drainage.					
26 01-Men-128 50.8/50.9 4919 0124000180 0P150	Near Cloverdale, from 0.1 mile north of Sonoma County line to Sonoma County line. Stabilize and reconstruct the roadway, restore drainage systems, and place erosion control.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$25 \$300 \$25 <u>\$850</u> \$1,200	201.130 Assembly: 2 Senate: 2 Congress: 2 1.0 Location(s)
<u>Performance Measure</u> 1.0 Location(s)					
<u>Note:</u> Multiple heavy rainfall events in the winter months of 2024 impacted the region with saturated soils. On March 7, 2024, a large slipout developed, resulting in roadway distress. The landslide movement resulted in separating of two culverts. This project will stabilize and reconstruct the roadway, restore drainage systems, and place erosion control.					

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
27 02-Plu-70 0.0/33.02 3918 0224000114 1K480	Near Pulga, from Butte County line to Route 89; also in Butte County, from 0.2 mile west of Deadwood Road to Plumas County line (PM 35.26/48.076). Remove rocks and debris, restore pavement, drainage, and guardrail, remove hazard trees, and place rock containment system.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$600 \$100 <u>\$3,000</u> \$3,700	201.130 Assembly: 1, 3 Senate: 1 Congress: 1, 3 2.0 Location(s)
<u>Performance Measure</u> 2.0 Location(s) <u>Note:</u> Following a series of rainstorms in February 2024, two slides occurred within the project limits. Large rocks and debris blocked the traveled way and currently one lane is open at PM 3.0 and two lanes at PM 29.8. This route does not have alternate routes within the corridor, therefore approximately 45 miles of roadway is closed, except for local traffic. Some rocks are wider than a lane and will require blasting. This project will remove rocks and debris, restore pavement, drainage, and guardrail, remove hazard trees, and place rock containment system.					
28 02-Plu-70 33.0/34.0 3920 0224000140 1K590	Near Paxton, from Route 89 to 1.0 mile east of Route 89. Repair or replace culverts and cover the slope with plastic sheeting.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$600 \$0 <u>\$3,000</u> \$3,600	201.130 Assembly: 1 Senate: 1 Congress: 3 1.0 Location(s)
<u>Performance Measure</u> 1.0 Location(s) <u>Note:</u> A heavy rain storm during the weekend of March 23, 2024 caused the eastbound shoulder to fail from over-saturation. The shoulder slipped at the edge of pavement, leaving a 4-foot vertical drop. As a result, eastbound lane was closed to traffic due to lack of lateral support. The culverts at this location are plugged or have buried outlets. This project will repair or replace culverts and cover the slope with plastic sheeting until geotechnical team recommends a more permanent solution.					

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
29 03-Nev-20 30.1 4009 0324000269 2H621	Near Nevada City, at 0.5 mile east of White Cloud Campground Road. Remove slide material, stabilize slope, and place Rock Slope Protection (RSP).	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$1,000 \$0 <u>\$7,000</u> \$8,000	23-24 23-24
	<u>Performance Measure</u> 1.0 Location(s)				201.130 Assembly: 1 Senate: 1 Congress: 3 1.0 Location(s)
<p><u>Note:</u> A series of severe storms that occurred in the winter months of 2024 impacted the region with saturated soils. The storm event of February 29, 2024 caused a major damage to a steep slope at this location. The damage consists of a large diagonal cracking and the imminent threat of additional slides at this unstable slope. Temporary barrier has been placed to prevent the slide material from encroaching on to the traveled way. This project will remove slide material, stabilize slope, and place Rock Slope Protection (RSP).</p>					
30 04-SCI-9 4.5/R5.5 2927E 0424000334 1X430	Near Saratoga, from 0.4 mile south to 0.6 mile north of Sanborn Road. Repair slope, pavement, and drainage system.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$20 \$640 \$50 <u>\$2,150</u> \$2,860	23-24 23-24 23-24 23-24
	<u>Performance Measure</u> 4.0 Location(s)				201.130 Assembly: 23 Senate: 13 Congress: 16 4.0 Location(s)
<p><u>Note:</u> Heavy rains from February and March 2024 caused mud and debris coming down the slopes and onto Route 9. One washout, an overtopped earthen berm, and multiple mudslides were found in the project limits. This project will repair slope, pavement, and drainage system.</p>					

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
31 05-Mon-1 60.0 3222 0524000162 1S040	Near Notleys Landing, at 0.2 mile south of Rocky Creek Bridge. Stabilize slope due to rock slide. <u>Performance Measure</u> 1.0 Location(s)	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$2,820 \$100 <u>\$9,400</u> \$12,320	201.130 Assembly: 30 Senate: 17 Congress: 19 1.0 Location(s)
<u>Note:</u> On March 30, 2024 a rockslide occurred resulting in undermining the southbound lanes that required a full road closure, isolating the community of Big Sur. This project will implement one-way traffic control in order to construct a temporary stabilization of the slope until a follow up engineered solution can be implemented to fully restore the roadway.					
32 05-SB-101 55.66 3225 0524000172 1S120	Near Buellton, at Nojoqui Creek No. 51-0019R. Reconstruct bridge railing. <u>Performance Measure</u> 1.0 Location(s)	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$100 \$0 <u>\$550</u> \$650	201.130 Assembly: 37 Senate: 21 Congress: 24 1.0 Location(s)
<u>Note:</u> On April 17, 2024 a vehicle collision occurred that resulted in the destruction of the bridge railing. This project will reconstruct the bridge railing. Abatement will be sought if the offender can be identified.					

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
33 05-SB-192 5.1 3221 0524000161 1S030	In the city of Santa Barbara, at 0.9 mile west of Route 144. Construct a retaining wall and concrete barrier, modify drainage systems, and reconstruct the roadway.	23-24	PA&ED	\$0	201.130
			PS&E	\$0	Assembly: 37
			R/W Sup	\$0	Senate: 21
			Con Sup	\$950	Congress: 24
			R/W Cap	\$50	
			<u>Const Cap</u>	<u>\$3,800</u>	1.0 Location(s)
			Total	\$4,800	
	<u>Performance Measure</u> 1.0 Location(s)				
	<u>Note:</u> From February 4 to February 17, 2024 a series of heavy storms caused a slipout. This project will construct a retaining wall and concrete barrier, modify drainage systems, and reconstruct the roadway.				
34 07-LA-27 0.0/5.0 6267 0724000257 2XN90	Near Topanga, from Route 1 to 0.1 mile north of Circle Trail. Remove debris from roadway, repair slopes, and clean culverts.	23-24	PA&ED	\$0	201.130
			PS&E	\$0	Assembly: 42
			R/W Sup	\$100	Senate: 24
			Con Sup	\$735	Congress: 32
			R/W Cap	\$100	
			<u>Const Cap</u>	<u>\$2,815</u>	4.0 Location(s)
			Total	\$3,750	
	<u>Performance Measure</u> 4.0 Location(s)				
	<u>Note:</u> Winter storms from February 4 - 6, 2024 brought heavy rains, causing slides and damaged slopes. This project will remove debris and mud from the roadway, repair slopes, reconstruct damaged guardrail and fencing, and clean culverts.				

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
35 07-Ven-101 R40.0/T40.4 6255 0724000205 2XM60	Near Mussel Shoals, from 0.9 mile south to 0.5 mile south of Ocean Avenue. Clear and dispose of mud and debris and clean out drainage systems.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$775 \$0 <u>\$3,825</u> \$4,600	201.130 Assembly: 38 Senate: 21 Congress: 24 1.0 Location(s)
<u>Performance Measure</u> 1.0 Location(s)					
<u>Note:</u> A series of storms from February 4 - 7, 2024, resulted in a large amount of mud and debris coming down the slopes and onto the parking lot and access road, and has plugged up drainage systems. This project will clear mud and debris from the parking lot and access road, dispose of the debris in an approved dump site, and clear drainage systems.					
36 07-Ven-150 6.1/6.3 6264 0724000245 2XN60	Near Lake Casitas, from 0.9 to 1.1 miles east of Rincon Chlorination Station. Replace damaged culvert and repair slope and roadway.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$50 \$250 \$50 <u>\$1,030</u> \$1,380	201.130 Assembly: 38 Senate: 21 Congress: 24 1.0 Location(s)
<u>Performance Measure</u> 1.0 Location(s)					
<u>Note:</u> Winter storms in February and March 2024 brought heavy rains, saturating slopes. A 24" culvert disconnected and allowed water to further inundate the slope, leading to a slope failure, and longitudinal cracks in the roadway, and the need to close one lane. This project will remove and replace the damaged culvert and repair the damaged slope and pavement section.					

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
37 11-SD-5 R52.25 1584 1124000248 43247	In Oceanside, at 0.1 mile south of Oceanside Boulevard. Backfill eroded area, replace culvert, and remove debris. <u>Performance Measure</u> 1.0 Location(s)	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$75 \$0 <u>\$500</u> \$575	201.130 Assembly: 74 Senate: 38 Congress: 49 1.0 Location(s)
<p><u>Note:</u> On January 22, 2024, rain from a storm event caused an 18" culvert to fail, and eroded a slope. This project will remove debris, backfill the eroded area, replace the culvert, replace damaged dike, and pour a concrete ditch.</p>					
38 11-SD-5 R54.2 1580 1124000241 43243	In Oceanside, at 0.3 mile north of Route 76. Backfill eroded area, replace culverts, and reconstruct pedestrian access. <u>Performance Measure</u> 1.0 Location(s)	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$100 \$0 <u>\$700</u> \$800	201.130 Assembly: 74 Senate: 38 Congress: 49 1.0 Location(s)
<p><u>Note:</u> On January 22, 2024, a storm event resulted in flooding across the county, and resulted in two 42" culverts failing and eroding under the invert. This project will remove debris, backfill the eroded area, replace the two culverts, and reconstruct the impacted pedestrian access.</p>					

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
39 11-SD-805 5.85 1588 1124000257 43252	In Chula Vista, at 0.2 mile south of Telegraph Canyon Road; also near El Cajon, at Los Coches Road (PM 19.98). Replace damaged culverts, install junction structures, and repair damaged pavement.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$700 \$0 <u>\$4,300</u> \$5,000	201.130 Assembly: 75 Senate: 40 Congress: 48 2.0 Location(s)
<u>Performance Measure</u> 2.0 Location(s)					
<p><u>Note:</u> Storms on January 22 and February 4, 2024 brought heavy rains. Field maintenance staff discovered sinkholes at two locations, caused by culvert invert failures. This project will replace damaged culverts, install junction structures, replace damaged pavement, and install erosion control.</p>					
Mobility					
40 04-SCI-85 0.0/6.0 2927H 0417000232 1K552	In and near San Jose, from Route 101 to 0.1 mile south of Almaden Expressway; also on Route 101, from 0.6 mile south and 1.4 miles north of Metcalf Road (PM R24.7/R26.7). Convert existing High-Occupancy Vehicle (HOV) lanes to High-Occupancy Toll (HOT) lanes, including at connector ramps and approaches as part of the Carbon Reduction Program (CRP). Financial Contribution Only (FCO) to Santa Clara Valley Transportation Authority (VTA) to construct HOT lanes.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$0 \$0 <u>\$29,238</u> \$29,238	201.406 Assembly: 25, 28 Senate: 15 Congress: 18, 19 4.0 Centerline mile(s)
PA&ED: N/A R/W: 5/6/2024 RTL: 6/1/2024 BC: 11/29/2024					
<u>Performance Measure</u> 4.0 Centerline mile(s)					
Concurrent CON ENG allocation under Resolution FP-23-120; June 2024.					

List of New 2024 SHOPP Capital Project Amendments for Senate Bill 1 Projects

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.																								
Bridge Preservation																													
1 05-Mon-1 20.9/21.3 2524 0514000004 1F510	Near Lucia, from 0.1 mile south to 0.2 mile north of Limekiln Creek Bridge No. 44-0058. Replace bridge. (G13 Contingency)	26-27	PA&ED PS&E R/W Sup * Con Sup R/W Cap * Const Cap Total	\$100 \$9,600 \$600 \$18,500 \$3,632 \$96,125 \$128,557	24-25 24-25 24-25 26-27 26-27 26-27																								
	PA&ED: 8/1/2024 R/W: 7/1/2026 RTL: 12/1/2026 BC: 7/10/2027				201.110 Assembly: 30 Senate: 17 Congress: 19																								
	<u>Performance Measure</u> 1.0 Bridge(s)		* Phase not authorized																										
	SB1 Baseline Agreement Required.																												
	Concurrent COS allocation under Resolution FP-23-107; June 2024.																												
<table><tr><td colspan="6">Performance Measure: Bridges</td></tr><tr><td></td><td>Unit</td><td>Good</td><td>Fair</td><td>Poor</td><td>Quantity</td></tr><tr><td>Existing Condition</td><td>Square feet</td><td>0</td><td>0</td><td>19,536</td><td>19,536</td></tr><tr><td>Post Condition</td><td>Square feet</td><td>19,536</td><td>0</td><td>0</td><td>19,536</td></tr></table>						Performance Measure: Bridges							Unit	Good	Fair	Poor	Quantity	Existing Condition	Square feet	0	0	19,536	19,536	Post Condition	Square feet	19,536	0	0	19,536
Performance Measure: Bridges																													
	Unit	Good	Fair	Poor	Quantity																								
Existing Condition	Square feet	0	0	19,536	19,536																								
Post Condition	Square feet	19,536	0	0	19,536																								

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No.
Dist-Co-Rte
PM
PPNO
Project ID
EA

Project Location and Description of Work
Performance Measure

FY
Program Code

Project Costs
(\$1,000)

1	In and near Fortuna, Eureka, Arcata, and Trinidad,	24-25	PA&ED	\$1,560	Prior	\$1,560	Prior
01-Hum-101	from 1.0 mile south of Route 36/Fowler Lane to Del	201.151	PS&E	\$1,368	Prior	\$1,368	Prior
56.6/R137.1	Norte County line at various locations. Replace and		R/W Sup	\$426	Prior	\$426	Prior
2498	rehabilitate culverts, construct and repair		Con Sup	\$2,524	24-25	\$3,345	24-25
0117000246	Transportation Management System (TMS)		R/W Cap	\$1,175	24-25	\$802	24-25
0H650	elements, replace lighting, and construct		<u>Const Cap</u>	<u>\$22,888</u>	24-25	<u>\$22,888</u>	24-25
	Maintenance Vehicle Pullouts (MVPs).		Total	\$29,941		\$30,389	

Performance Measure

70.0 Culvert(s) (ea)

Note: Increase construction support because of increase in number of working days due to changed culvert construction methodology and addition of Maintenance Vehicle Pullouts (MVPs) to the scope. Construction Capital was changed in a previous amendment. Decrease R/W capital because of reduced utility relocation costs.

Performance Measure: Culverts					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Linear feet	166	550	6,011	6,727.0
Post Condition	Linear feet	7,072.8	0	0	7,072.8

2	Near Albion, from 3.0 miles north of Route 128	26-27	PA&ED	\$5,500	Prior	\$5,500	Prior
01-Men-1	Junction to 0.2 mile north of Albion River Bridge No.	201.110	PS&E	\$7,885	24-25	\$13,723	24-25
43.3/44.2	10-0136. Bridge replacement. This is a Construction		R/W Sup	\$1,111	24-25	\$1,111	24-25
4490	Manager/General Contractor (CMGC) project.		Con Sup	\$8,723	26-27	\$8,723	26-27
0100000154			R/W Cap	\$8,465	26-27	\$8,465	26-27
40110			<u>Const Cap</u>	<u>\$65,673</u>	26-27	<u>\$65,673</u>	26-27
			Total	\$97,357		\$103,195	

Performance Measure

1.0 Bridge(s)

Note: Geotechnical drilling was delayed to the design phase because the Coastal Commission will not permit drilling until an alternative has been selected, resulting in increased PS&E cost. Additional PS&E cost is also needed for utilizing CMGC method of delivery which minimizes constructibility and contract change order issues.

Performance Measure: Bridges					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	27,340	27,340.0
Post Condition	Square feet	56,440	0	0	56,440.0

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)					
3	Near Bieber, at Pit River Overflow Bridge No.	24-25	PA&ED	\$450	Prior	\$450	Prior	
02-Las-299	07-0005 and Pit River Bridge No. 07-0007 (PM	201.113	PS&E	\$820	Prior	\$820	Prior	
13.4	14.1). Seismic retrofit.		R/W Sup	\$40	Prior	\$40	Prior	
3786			Con Sup	\$780	24-25	\$1,840	24-25	
0220000058	<u>Performance Measure</u>		R/W Cap	\$23	24-25	\$23	24-25	
1J320	2.0 Bridge(s)		<u>Const Cap</u>	\$1,650	24-25	\$5,560	24-25	
			Total	\$3,763		\$8,733		

Note: A more refined structures design study resulted in increased structural item quantities. The structures cost estimate and roadway items were also updated to current market trends. The extensive dewatering and diversion needs also resulted in higher costs and increase in working days, resulting in increase in construction support and construction capital.

Performance Measure: Bridges					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	17,233	17,233.0
Post Condition	Square feet	17,233	0	0	17,233.0

4	Near Canyon Dam, from 0.6 mile north of Route 147	23-24	PA&ED	\$1,510	Prior	\$1,510	Prior	
02-Plu-89	to Route 36 (PM 30.2/R42.185). Rehabilitate	201.120	PS&E	\$2,130	Prior	\$2,130	Prior	
30.2/R42.2	roadway, upgrade guardrail and signs, rehabilitate		R/W Sup	\$200	Prior	\$200	Prior	
3700	drainage systems, and construct 3.7 miles of Class 1		Con Sup	\$0		\$2,240	23-24	
0218000010	bike lanes as complete streets.		R/W Cap	\$752	23-24	\$752	23-24	
3H690	(G13 Contingency)		<u>Const Cap</u>	\$0		\$36,400	23-24	
			Total	\$4,592		\$43,232		

Performance Measure
26.0 Lane mile(s)

Concurrent CONST and CON ENG allocation under
Resolution FP-23-106; June 2024.

Note: Fully program previously unfunded phases of this G13 Contingency project.

Performance Measure: Pavement					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	0	22	4	26.0
Post Condition	Lane mile(s)	26	0	0	26.0

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
5 02-Sha-299 88.1/89.5 3784 0220000055 1J290	Near Fall River Mills, from 3.0 miles west to 1.6 miles west of Glenburn Road. Construct mitigation measures to prevent rockfall onto the roadway, establish disposal sites, and rehabilitate drainage systems.	24-25 201.150	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$640 \$580 \$150 \$1,100 \$26 <u>\$7,210</u> \$9,706	Prior Prior Prior 24-25 24-25 24-25 24-25	\$640 \$580 \$150 \$1,630 \$26 \$9,746 \$12,772	Prior Prior Prior 24-25 24-25 24-25 24-25
	<u>Performance Measure</u> 1.0 Location(s)						

Note: It was determined through field reviews and drone imagery that the extent of rock removal and drapery required is larger than what was anticipated. This has resulted in increase in construction support and capital.

6 03-Pla-80 33.3/44.9 33.0/44.9 5140 0319000281 0J410	Near Colfax, from east 0.1 mile west of Route 174 Separation to 0.1 mile east of Alta Road Undercrossing. Rehabilitate pavement and drainage systems, and upgrade guardrail, signs, and Transportation Management System (TMS) elements.	24-25 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$4,110 \$2,650 \$310 \$2,900 \$830 <u>\$27,100</u> \$37,900	Prior 23-24 23-24 24-25 24-25 24-25 24-25	\$4,110 \$2,650 \$310 \$2,900 \$830 <u>\$27,100</u> \$37,900	Prior 23-24 23-24 24-25 24-25 24-25 24-25
	<u>Performance Measure</u> 31.5 Lane mile(s)						

Note: Update the postmile limits and description to match the restriping limits for the project.

Performance Measure: Pavement					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	0	31.5	0	31.5
Post Condition	Lane mile(s)	31.5	0	0	31.5

List of 2024 SHOPP Amendments
(Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No.
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Project Location and Description of Work
Performance Measure

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Program Code

Project Costs
(\$1,000)

7	Near Truckee, from 0.8 mile north of Alpine Meadows Road to Nevada County line; also in Nevada County in Truckee, from Placer County line to Route 80 (PM 0.0/0.5). Rehabilitate pavement and drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade guardrail and Transportation Management System (TMS) elements.	24-25	PA&ED	\$1,020	Prior	\$1,020	Prior
03-Pla-89		201.121	PS&E	\$1,180	24-25	\$1,180	24-25
13.1/21.667			R/W Sup	\$60	24-25	\$60	24-25
5292			Con Sup	\$1,300	24-25	\$1,300	24-25
0320000114			R/W Cap	\$30	24-25	\$30	24-25
1J170			<u>Const Cap</u>	<u>\$10,350</u>	24-25	<u>\$10,350</u>	24-25
			Total	\$13,940		\$13,940	

Performance Measure

17.1 Lane mile(s)

Concurrent COS allocation under Resolution
FP-23-107; June 2024.

Note: Update scope description because the drainage work is being removed from this project and will be addressed in a future project. The drainage scope would have resulted in significant environmental impacts and delayed the whole project. The project team is in the process of refining scope and quantities and does not anticipate cost reduction due to this change.

Performance Measure: Pavement					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	0	17.1	0	17.1
Post Condition	Lane mile(s)	17.1	0	0	17.1

8	In Oakland, at the Caltrans D4 headquarters office building, 111 Grand Avenue. Replace cooling towers and chillers in the Heating Ventilation and Air Conditioning (HVAC) system.	24-25	PA&ED	\$282	Prior
04-Ata-980		201.353	PS&E	\$464	23-24
1-2			R/W Sup	\$61	23-24
2907E			Con Sup	\$362	24-25
0421000050			R/W Cap	\$0	
1W560			<u>Const Cap</u>	<u>\$3,369</u>	24-25
			Total	\$4,538	

Performance Measure

1.0 Location(s)

Note: Delete project. Scope of work will be completed under the Energy Savings Company (ESCO) contract managed by Department of General Services (DGS).

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	0	0.0
Post Condition	Square feet	0	0	0	0.0

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No.
Dist-Co-Rte
PM
PPNO
Project ID
EA

Project Location and Description of Work
Performance Measure

FY
Program Code

Project Costs
(\$1,000)

9	In and near Antioch and Brentwood, from Hillcrest Avenue to Byron Highway. Rehabilitate pavement and drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	24-25	PA&ED	\$2,663	Prior	\$2,663	Prior
04-CC-4		201.121	PS&E	\$3,520	23-24	\$3,520	23-24
R29.0/R44.4			R/W Sup	\$228	23-24	\$228	23-24
2033N			Con Sup	\$4,534	24-25	\$4,534	24-25
0419000450			R/W Cap	\$234	24-25	\$234	24-25
0AA19	<u>Performance Measure</u>		<u>Const Cap</u>	<u>\$30,385</u>	24-25	<u>\$32,075</u>	24-25
	42.4 Lane mile(s)		Total	\$41,564		\$43,254	

Concurrent COS allocation under Resolution
FP-23-107; June 2024.

Note: Increase construction capital due to change of culvert treatment types as a result of recent culvert inspection and hydraulic recommendation.

Performance Measure: Pavement					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	13.2	29.2	0	42.4
Post Condition	Lane mile(s)	42.4	0	0	42.4

10	In San Ramon and Danville, from Alcosta Boulevard to north of Diablo Road. Rehabilitate pavement, upgrade guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	24-25	PA&ED	\$1,959	Prior	\$1,959	Prior
04-CC-680		201.121	PS&E	\$3,027	23-24	\$3,027	23-24
R0.0/R7.7			R/W Sup	\$224	23-24	\$224	23-24
2032P			Con Sup	\$3,929	24-25	\$3,929	24-25
0419000455			R/W Cap	\$20	24-25	\$60	24-25
0AA24	<u>Performance Measure</u>		<u>Const Cap</u>	<u>\$28,937</u>	24-25	<u>\$33,477</u>	24-25
	60.0 Lane mile(s)		Total	\$38,096		\$42,676	

Note: Increase construction capital due to a refined cost estimate including additional culvert repair, upgraded overhead and roadside sign panels, modified lighting and ramp metering systems, new and upgraded guardrail, and bridge slab replacement. Increase R/W capital due to additional positive utility verification.

Performance Measure: Pavement					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	18.7	40.7	0.6	60.0
Post Condition	Lane mile(s)	60	0	0	60.0

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
11 04-Mrn-37 R11.2/13.8 5200 0419000376 4Q320	In and near Novato, from Route 101 to Atherton Avenue. Reconstruct the roadway to address sea level rise and recurrent flooding. Additional contribution of \$20,000,000 \$5,000,000 for PS&E from the General Fund provided by Assembly Bill 178 (AB 178) Assembly Bill 179 (AB 179) . (G13 Contingency)	25-26 201.999	PA&ED PS&E R/W Sup * Con Sup R/W Cap * <u>Const Cap</u> Total	\$10,000 \$0 \$100 \$25,000 \$200 \$130,000 \$165,300	Prior Prior 25-26 25-26 25-26	\$10,000 \$0 \$100 \$0 \$0 \$0 \$10,100	Prior Prior
			* Phase not authorized				
			<u>Performance Measure</u> 2.5 Centerline mile(s) 2.3 Centerline mile(s)				

Note: Split project EA 4Q321/PPNO 04-2925W from parent project EA 4Q320/PPNO 04-5200.

12 04-Mrn-37 R11.2/13.8 2925W 0424000193 4Q321	In and near Novato, from Route 101 to Atherton Avenue. Replace Novato Creek Bridge No. 27-0011L/R and construct drainage systems. Additional contribution of \$15,000,000 for PS&E from the General Fund provided by Assembly Bill 179 (AB 179). (G13 Contingency)	25-26 201.999	PA&ED PS&E R/W Sup * Con Sup R/W Cap * <u>Const Cap</u> Total	 	 	\$0 \$0 \$0 \$25,000 \$200 <u>\$130,000</u> \$155,200	25-26 25-26 <u>25-26</u>
			* Phase not authorized				
			<u>Performance Measure</u> 0.2 Centerline mile(s)				

Concurrent SB 1 Baseline Agreement under Resolution SHOPP-P-2324-08B; June 2024.

Note: Split project EA 4Q321/PPNO 04-2925W from parent project EA 4Q320/PPNO 04-5200.

List of 2024 SHOPP Amendments
(Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
13	Near San Rafael, at 0.5 mile north of Miller Creek Road.	24-25	PA&ED	\$400	Prior	\$400	Prior
04-Mrn-101	Repair slipouts by cutting back slopes and placing erosion control.	201.131	PS&E	\$500	23-24	\$500	23-24
16.1/16.2			R/W Sup	\$18	23-24	\$18	23-24
2032N			Con Sup	\$400	24-25	\$600	24-25
0420000033	<u>Performance Measure</u>		R/W Cap	\$0		\$0	
2AA40	2.0 Location(s)		<u>Const Cap</u>	\$526	24-25	\$1,106	24-25
			Total	\$1,844		\$2,624	
	Concurrent COS allocation under Resolution FP-23-107; June 2024.						
	<u>Note:</u> Increase construction support and construction capital due to limited space at the project area requiring a temporary full closure of the bicycle/pedestrian path, traffic detour, and additional working days.						
14	In the City and County of San Francisco and Marin Counties, on Routes 35, 97, 80, 101, 131, and 280;	24-25	PA&ED	\$1,052	Prior	\$1,052	Prior
04-Mrn-37 35	and 580 at various locations. Replace or install curve warning signs.	201.015	PS&E	\$1,321	23-24	\$1,321	23-24
Var			R/W Sup	\$173	23-24	\$173	23-24
2.055/2.147			Con Sup	\$1,414	24-25	\$1,414	24-25
2034N			R/W Cap	\$43	24-25	\$43	24-25
0420000134	<u>Performance Measure</u>		<u>Const Cap</u>	\$1,567	24-25	\$1,567	24-25
3AC80	0.10 Annual fatal and serious injury collision(s)		Total	\$5,570		\$5,570	
	<u>Note:</u> Reduce scope to fit cost estimate within the programmed construction capital amount. Update description and post mile to reflect removed locations of work. Because performance is based on total construction capital amount and that is not changing, performance will neither change.						

List of 2024 SHOPP Amendments
(Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
15	In Napa and Solano Counties, on various routes	24-25	PA&ED	\$1,036	Prior	\$1,036	Prior
04-Nap-12	12, 29, and 121 at various locations. Replace or	201.015	PS&E	\$1,794	23-24	\$1,794	23-24
Var	install curve warning signs.		R/W Sup	\$90	23-24	\$90	23-24
2304A			Con Sup	\$1,620	24-25	\$1,620	24-25
0420000150	<u>Performance Measure</u>		R/W Cap	\$14	24-25	\$74	24-25
4AC90	<u>0.10 Annual fatal and serious injury collision(s)</u>		<u>Const Cap</u>	<u>\$4,471</u>	24-25	<u>\$5,560</u>	24-25
	0.29 Annual fatal and serious injury collision(s)		Total	\$9,025		\$10,174	

Note: Increase construction capital due to an increased number of curve warning signs and refined cost estimate to reflect recent similar projects and current bids statewide. Increase R/W capital due to additional positive utility verification. Increase performance due to the added number of signs. Update description to reflect updated work locations.

16	Near Gilroy, from San Benito County line to Route	24-25	PA&ED	\$506	Prior	\$506	Prior
04-SCI-101	25. Construct rumble strips, upgrade guardrail, and	201.010	PS&E	\$764	Prior	\$764	Prior
0.028/3.200	install high visibility striping.		R/W Sup	\$36	Prior	\$36	Prior
2913E			Con Sup	\$711	24-25	\$711	24-25
0420000344	<u>Performance Measure</u>		R/W Cap	\$45	24-25	\$45	24-25
1W190	0.13 Annual fatal and serious injury collision(s)		<u>Const Cap</u>	\$1,873	24-25	\$4,886	24-25
			Total	\$3,935		\$6,948	

Note: Increase construction capital because of adjusted unit prices that reflect current trends and also due to additional items identified and added during PA&ED phase but were not a part of the estimate.

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
17 04-SF-1 0.9/4.1 2906C 0419000518 0AA62	In the City and County of San Francisco, from Holloway Avenue to Lincoln Way; also at the intersection of California Street and Park Presidio Boulevard (PM 5.75). Rehabilitate pavement and upgrade facilities to Americans with Disabilities Act (ADA) standards.	24-25 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,153 \$2,391 \$170 \$2,429 \$278 \$16,378 \$22,799	Prior Prior Prior 24-25 24-25 24-25 24-25	\$1,153 \$2,391 \$170 \$2,429 \$278 \$22,678 \$29,099	Prior Prior Prior 24-25 24-25 24-25 24-25

Performance Measure

18.8 Lane mile(s)

Note: Increase construction capital cost due to recent pavement inspection requiring added repair to existing paved shoulders, added detours with daytime lane closures, and corresponding contingency and mobilization. Shoulder work will not require an increase to the number of working days.

Performance Measure: Pavement					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	0	18.8	0	18.8
Post Condition	Lane mile(s)	18.8	0	0	18.8

18 04-SM-84 7.8 2032A 0418000107 0Q480	Near La Honda, at 0.5 mile west of Pescadero Creek Road. Repair slope washout by constructing a retaining wall.	23-24 201.131	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$924 \$809 \$60 \$1,632 \$177 \$6,585 \$10,187	Prior Prior Prior 23-24 23-24 23-24 23-24	\$924 \$809 \$60 \$1,632 \$177 \$5,334 \$8,936	Prior Prior Prior 23-24 23-24 23-24 23-24
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Note: Split plant establishment, creek monitoring, biological monitoring, and tree mitigation post construction work into project EA 0Q48A/PPNO 04-2924Y from parent project EA 0Q480/PPNO 04-2032A.

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)			
19 04-SM-84 7.8 2924Y 0424000240 0Q48A	Near La Honda, at 0.5 mile west of Pescadero Creek Road. Plant establishment, creek monitoring, biological monitoring, and tree mitigation post construction work for EA 0Q480. <u>Performance Measure</u> 0.0 Location(s)	26-27 201.130	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$300 \$23 \$150 \$40 <u>\$738</u> \$1,251	24-25 24-25 26-27 26-27 26-27	

Note: Split plant establishment, creek monitoring, biological monitoring, and tree mitigation post construction work into project EA 0Q48A/PPNO 04-2924Y from parent project EA 0Q480/PPNO 04-2032A.

20 04-Son-12 Var 2035C 0420000142 4AC40	In Sonoma County, on Routes 12, 37, 101, 116, and 121, and 128 at various locations. Replace or install curve warning signs. <u>Performance Measure</u> 0.05 Annual fatal and serious injury collision(s) 0.18 Annual fatal and serious injury collision(s)	24-25 201.015	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$830 \$1,284 \$24 \$760 \$54 <u>\$2,746</u> \$5,698	Prior Prior Prior 24-25 24-25 24-25	\$830 \$1,284 \$24 \$760 \$54 <u>\$2,746</u> \$5,698	Prior Prior Prior 24-25 24-25 24-25
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Note: Cost estimate had increased due to number of signs increasing between PID and PA&ED phase. Remove sign work at Route 128 location to fit cost estimate within the programmed construction capital amount. Despite reduction of locations, overall performance has increased.

21 05-Mon-1 43.1 2656 0516000081 1H490	Near Big Sur, at the Castro Canyon Bridge No. 44-0035. Upgrade bridge railing and approach railings to meet current standards. <u>Performance Measure</u> 542.00 Annual fatal and serious injury collision(s)	24-25 25-26 201.112	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$680 \$110 \$1,690 \$75 <u>\$4,200</u> \$6,755	24-25 Prior Prior 24-25 24-25 24-25	\$0 \$680 \$110 \$1,690 \$75 <u>\$4,200</u> \$6,755	25-26 Prior Prior 25-26 25-26 25-26
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Note: Update delivery schedule due to ongoing contested legal filing on the project which may need to be restarted.

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
22 05-Mon-101 R28.2/100.3 2797 0518000084 1J890	In and near King City, Greenfield, Soledad, Gonzales, and Salinas, from Paris Valley Road Overcrossing to Dunbarton Road. Rehabilitate drainage systems, replace overhead signs and structures, and update Transportation Management System (TMS) elements.	24-25 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$2,391 \$2,999 \$985 \$3,697 \$168 \$0,410 \$18,650	Prior Prior Prior 24-25 24-25 24-25	\$2,391 \$2,999 \$985 \$3,697 \$168 \$13,260 \$23,500	Prior Prior Prior 24-25 24-25 24-25

Performance Measure

~~30.0 Culvert(s) (ea)~~

36.0 Culvert(s) (ea)

Note: Update construction capital cost due to updated estimates for drainage, roadway, and TMS elements, and post-construction biological monitoring. Update performance due to scope refinement resulting in eight culverts removed and fourteen culverts being added.

Performance Measure: Culverts					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Linear feet	0	108	2,664.6	2,772.6
Post Condition	Linear feet	3,243.6	0	0	3,243.6

23 05-SB-101 R52.3/R56.1 2902Y 0523000055 1K451	Near Buellton, from Old Coast Highway to south of Santa Rosa Road Overcrossing. Landscape mitigation planting for EA 1K450.	25-26 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$200 \$0 \$450 \$0 <u>\$500</u> \$1,150	24-25 24-25 25-26 25-26 25-26	\$0 \$320 \$0 \$450 \$0 <u>\$500</u> \$1,270	24-25 24-25 25-26 25-26
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Performance Measure

0.0 Lane mile(s)

Note: Update PS&E cost as part of design and environmental review to refine the workplan for insuring adequate resources are committed to the project.

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)			
24	In Santa Barbara County, at various locations.	25-26	PA&ED	\$0		\$0
05-SB-154	Landscape mitigation planting for EA 1K520.	26-27	PS&E	\$200	24-25	\$200 25-26
R0.0/32.8		201.151	R/W Sup	\$0		\$0
2919Y	<u>Performance Measure</u>		Con Sup	\$500	25-26	\$500 26-27
0523000027	0.0 Culvert(s) (ea)		R/W Cap	\$0		\$0
1K521			<u>Const Cap</u>	<u>\$550</u>	25-26	<u>\$550</u> 26-27
			Total	\$1,250		\$1,250

Note: The construction start of this child mitigation project needs to be coordinated with the completion of the parent project. Parent project EA 1K520 schedule has slipped due to right of way parcel acquisitions.

25	In Santa Barbara County, at various locations.	25-26	PA&ED	\$0		\$0
05-SB-154	Biological monitoring for EA 1K520.	26-27	PS&E	\$0		\$0
R0.0/32.8		201.151	R/W Sup	\$0		\$0
2919X	<u>Performance Measure</u>		Con Sup	\$100	25-26	\$100 26-27
0523000112	0.0 Culvert(s) (ea)		R/W Cap	\$20	25-26	\$20 26-27
1K522			<u>Const Cap</u>	<u>\$0</u>		<u>\$0</u>
			Total	\$120		\$120

Note: The construction start of this child mitigation project needs to be coordinated with the completion of the parent project. Parent project EA 1K520 schedule has slipped due to right of way parcel acquisitions.

26	Near Goleta, from 0.1 mile south to 0.4 mile north of	24-25	PA&ED	\$0		\$0
05-SB-217	San Jose Creek Bridge No. 51-0217. Landscape	26-27	PS&E	\$180	Prior	\$180 Prior
0.9/1.4	mitigation for bridge replacement project EA 1C360.	201.110	R/W Sup	\$60	Prior	\$60 Prior
2386Y			Con Sup	\$580	24-25	\$580 26-27
0522000042	<u>Performance Measure</u>		R/W Cap	\$110	24-25	\$110 26-27
1C361	0.0 Bridge(s)		<u>Const Cap</u>	<u>\$650</u>	24-25	<u>\$1,132</u> 26-27
			Total	\$1,580		\$2,062

Note: Update construction capital cost and delivery schedule. The construction start of this child mitigation project needs to be coordinated with the completion of the parent project. Parent project EA 1C360 schedule has slipped due to contract, weather, and construction delays. Additional funds needed to account for increase mitigation requirements from the resource agencies and inflation for traffic control items of work.

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No.
 Dist-Co-Rte
 PM
 PPNO
 Project ID
 EA

Project Location and Description of Work
 Performance Measure

FY
 Program Code

Project Costs
 (\$1,000)

27	Near Boulder Creek, at San Lorenzo River Bridge	25-26	PA&ED	\$0		\$0	
05-SCr-9	No. 36-0052 and Kings Creek Bridge No. 36-0054	26-27	PS&E	\$500	24-25	\$500	25-26
13.61	(PM 15.49). Landscape mitigation and biological	201.110	R/W Sup	\$300	24-25	\$300	25-26
2655Y	monitoring for parent project EA 1H470.		Con Sup	\$600	25-26	\$600	26-27
0521000173			R/W Cap	\$300	25-26	\$300	26-27
1H471	<u>Performance Measure</u>		<u>Const Cap</u>	<u>\$1,400</u>	25-26	<u>\$1,400</u>	26-27
	0.0 Bridge(s)		Total	\$3,100		\$3,100	

Note: Update delivery schedule. The construction start of this child mitigation project needs to be coordinated with the completion of the parent project. Parent project EA 1H470 schedule has slipped due to utility relocation delays.

28	Near Morro Bay, at Toro Creek Bridge No. 49-0068L.	24-25	PA&ED	\$1,200	Prior	\$1,200	Prior
05-SLO-1	Replace bridge.	25-26	PS&E	\$2,419	24-25	\$2,419	24-25
32.6		201.110	R/W Sup	\$159	24-25	\$159	24-25
3165	<u>Performance Measure</u>		Con Sup	\$1,800	24-25	\$1,800	25-26
0523000125	0.0 Bridge(s)		R/W Cap	\$59	24-25	\$2,306	25-26
1R100			<u>Const Cap</u>	<u>\$11,200</u>	24-25	<u>\$13,948</u>	25-26
			Total	\$16,837		\$21,832	

Note: Update right of way capital and delivery schedule due to fifteen existing utility crossings and increase construction capital for roadway impact to raising the bridge profile. The bridge profile will be raised to address sea level rise and tsunami impact but it was determined that the impact to fifteen existing utility crossings cannot be avoided. Utility relocation will be needed for two gas lines and one sewer line.

Performance Measure: Bridges					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	4,639	4,639.0
Post Condition	Square feet	4,639	0	0	4,639.0

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)			
29 05-SLO-58 1.8/6.9 1.8/7.2 2845Y 0522000175 1J971	Near Santa Margarita, from I Street to 0.31 mile east of Route 229. Mitigation project for landscaping for pavement project EA 1J970. <u>Performance Measure</u> 0.0 Lane mile(s)	24-25 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$748 \$400 \$418 \$1,000 \$240 \$2,806	Prior Prior 24-25 24-25 24-25 24-25	\$0 \$748 \$400 \$418 \$200 \$400 \$2,166

Note: Update postmile limit, project description, and right of way capital and construction capital cost. It has been determined a mitigation parcel is no longer needed since a landscape easement has been obtained from adjacent property owner. During parent final design, there is an increase in tree removals resulting in 90 additional trees to be replanted at a 10:1 ratio and traffic control cost.

30 05-SLO-101 61.7/62.2 2766Y 0521000088 1J781	Near Paso Robles, from 0.7 mile north of Exline Road to 1.0 mile south of Monterey Road. Landscape mitigation for safety project EA 1J780. <u>Performance Measure</u> 0.00 Annual fatal and serious injury collision(s)	24-25 25-26 201.010	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$247 \$16 \$460 \$0 \$277 \$1,000	Prior Prior 24-25 24-25 24-25	\$0 \$247 \$16 \$460 \$0 \$277 \$1,000
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Note: Update delivery schedule. The construction start of this child mitigation project needs to be coordinated with the completion of the parent project. Parent project EA 1J780 schedule has slipped due to design changes needed to comply with conditions of the agreement reached during a contested Resolution of Necessity.

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
31 06-Fre-168 49.1/49.4 49.1/49.5 7061 0620000065 1A090	Near Shaver Lake, from 0.6 mile west to 0.3 0.2 mile west of Huntington Lake Road. Construct sidehill viaduct structure. <u>Performance Measure</u> 0.0 Location(s)	24-25 201.131	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$4,800 \$4,300 \$240 \$7,500 \$681 \$33,000 \$50,521	Prior Prior Prior 24-25 24-25 24-25 24-25	\$4,800 \$4,300 \$240 \$7,500 \$681 \$45,000 \$62,521	Prior Prior Prior 24-25 24-25 24-25 24-25

Note: Update postmile limit and project description to reflect the geometrics of the roadway profile. Update construction capital cost due to an updated engineer's estimate to reflect current prices and for increased structures and earthwork quantities. Geotechnical findings require a deeper and larger bridge foundation. There are increased quantities in concrete, steel, state furnished materials, and earthwork grading.

32 06-Fre-168 R8.13/45.80 6992 0618000041 0X220	In and near Clovis, from Fowler Avenue to east of Warbler Lane near Shaver Lake (PM R8.28/45.8) at various locations. Rehabilitate drainage systems. <u>Performance Measure</u> 0.0 Culvert(s) (ea)	24-25 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$4,500 \$1,900 \$1,000 \$1,700 \$843 <u>\$11,150</u> \$21,093	Prior Prior Prior 24-25 24-25 24-25 24-25	\$4,500 \$1,900 \$1,000 \$1,700 \$843 <u>\$11,150</u> \$21,093	Prior Prior Prior 24-25 24-25 24-25 24-25
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Note: Increase funding in the amount of \$2,800,000 in R/W capital to split environmental mitigation funding assurance into project EA 0X221/PPNO 06-8116 from parent project EA 0X220/PPNO 06-6992. Funding assurance needed for mitigation banking credit for the Carpenteria Californica plant and California Tiger Salamander.

Performance Measure: Culverts					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Linear feet	70.9	8,660.1	4,290.3	13,021.3
Post Condition	Linear feet	13,021.3	0	0	13,021.3

List of 2024 SHOPP Amendments
(Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)	
33	In and near Clovis, from Fowler Avenue to east of	25-26	PA&ED	\$0
06-Fre-168	Warbler Lane near Shaver Lake (PM R8.28/45.8)	201.151	PS&E	\$0
R8.13/45.80	at various locations. Environmental mitigation		R/W Sup	\$850 25-26
8116	funding assurance for drainage project EA		Con Sup	\$0
0624000269	0X220.		R/W Cap	\$1,950 25-26
0X221			<u>Const Cap</u>	<u>\$0</u>
	<u>Performance Measure</u>			\$2,800
	0.0 Culvert(s) (ea)		Total	

Note: Split environmental mitigation funding assurance into project EA 0X221/PPNO 06-8116 from parent project EA 0X220/PPNO 06-6992. Funding assurance needed for mitigation banking credit for the *Carpenteria Californica* plant and California Tiger Salamander.

34	Near the community of Yokuts Valley, from east of	25-26	PA&ED	\$20	24-25	\$20	24-25
06-Fre-180	George Smith Road to Elwood Road. Oak tree	201.010	PS&E	\$100	24-25	\$100	24-25
M77.00/R77.70	mitigation and replacement planting for EA 1A460.		R/W Sup	\$1	24-25	\$1	24-25
8053			Con Sup	\$189	25-26	\$189	25-26
0620000212	<u>Performance Measure</u>		R/W Cap	\$0		\$0	
0623000212	0.00 Annual fatal and serious injury collision(s)		<u>Const Cap</u>	<u>\$375</u>	25-26	<u>\$375</u>	25-26
1A462			Total	\$685		\$685	

Note: Update Project ID due to technical correction.

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
35	Near Grapevine, at the northbound and southbound	24-25	PA&ED	\$1,500	Prior	\$1,500	Prior
06-Ker-5	Tejon Pass Safety Roadside Rest Areas (SRRAs).	201.250	PS&E	\$1,600	Prior	\$1,600	Prior
0.7/1.1	Upgrade water and wastewater systems at SRRAs.		R/W Sup	\$40	Prior	\$40	Prior
6976			Con Sup	\$1,700	24-25	\$1,700	24-25
0618000101	<u>Performance Measure</u>		R/W Cap	\$30	24-25	\$30	24-25
0X570	2.0 Location(s)		<u>Const Cap</u>	<u>\$5,300</u>	24-25	<u>\$8,590</u>	24-25
			Total	\$10,170		\$13,460	

Note: Update construction capital cost due to revised engineer's estimate with the completion of the preliminary design. Increases associated with charging stations, ADA upgrades, mechanical items, electrical upgrades, earthwork, paving, and specialty items.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Each	0	0	2	2.0
Post Condition	Each	2	0	0	2.0

36	Near Grapevine, from south of Fort Tejon Road to	24-25	PA&ED	\$2,908	Prior	\$2,908	Prior
06-Ker-5	Grapevine Road Undercrossing. Rehabilitate	201.122	PS&E	\$3,252	Prior	\$3,252	Prior
4.4/10.2	roadway in northbound direction with continuously		R/W Sup	\$101	Prior	\$101	Prior
6980	reinforced concrete pavement and jointed plain		Con Sup	\$8,328	24-25	\$8,328	24-25
0618000063	concrete, replace signs, upgrade guardrail and		R/W Cap	\$100	24-25	\$191	24-25
0W920	Transportation Management System (TMS)		<u>Const Cap</u>	<u>\$90,969</u>	24-25	<u>\$90,969</u>	24-25
	elements, and rehabilitate drainage systems and		Total	\$105,658		\$105,749	
	lighting.						

Performance Measure
0.0 Lane mile(s)

Concurrent SB 1 Baseline Agreement under
Resolution SHOPP-P-2324-08B; June 2024.

Note: Updating R/W capital cost for potholing unit cost increase and additional potholing as a result of scope refinement.

Performance Measure: Pavement					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	0.1	23	0.1	23.2
Post Condition	Lane mile(s)	23.2	0	0	23.2

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
37	Near Bakersfield, from Route 5 to Costajo Road.	24-25	PA&ED	\$970	Prior	\$970	Prior
06-Ker-223	Rehabilitate roadway, replace signs, upgrade	201.122	PS&E	\$1,380	Prior	\$1,380	Prior
4.9/10.4	guardrail , and install rumble strips.		R/W Sup	\$20	Prior	\$20	Prior
1.85/10.4			Con Sup	\$1,515	24-25	\$1,515	24-25
3019	<u>Performance Measure</u>		R/W Cap	\$67	24-25	\$67	24-25
0621000014	17.0 Lane mile(s)		<u>Const Cap</u>	\$6,800	24-25	\$11,500	24-25
1C060			Total	\$12,752		\$15,452	

Note: Update postmile limit to correct previous rounding. Update description to eliminate guardrail work that was located in an environmental cultural site. The scope was removed due to environmental, schedule, and cost impact. Update construction capital due to cost increase to asphaltic oil and inflation.

Performance Measure: Pavement					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	0	12.1	4.9	17.0
Post Condition	Lane mile(s)	17	0	0	17.0

38	Near Earlimart, from County line Road Overcrossing	23-24	PA&ED	\$3,360	Prior	\$3,360	Prior
06-Tul-99	to 0.7 mile north of Court Avenue Overcrossing.	201.122	PS&E	\$4,450	Prior	\$4,450	Prior
0.0/13.5	Rehabilitate roadway, construct median concrete		R/W Sup	\$400	Prior	\$400	Prior
6963	barrier, replace signs, rehabilitate drainage systems,		Con Sup	\$0	23-24	\$9,100	23-24
0617000307	upgrade Transportation Management System (TMS)		R/W Cap	\$225	23-24	\$225	23-24
0W790	elements, and replace signs.		<u>Const Cap</u>	\$0	23-24	\$53,000	23-24
	(G13 Contingency)		Total	\$8,435		\$70,535	

Performance Measure
0.0 Lane mile(s)

Concurrent CONST and CON ENG allocation under
Resolution FP-23-106; June 2024.

Note: Fully program unfunded phases of this previous G13 Contingency project.
Split landscape replacement into project EA 0W792/PPNO 06-8115 from parent project EA 0W790/PPNO 06-6963.

Performance Measure: Pavement					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	36.2	15.5	0	51.7
Post Condition	Lane mile(s)	51.7	0	0	51.7

List of 2024 SHOPP Amendments
(Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)	
39	Near Delano, from County Line Road to 0.7 mile north of Court Avenue; also in Kern County, from 0.2 mile south of Cecil Avenue to County Line Road. Landscape mitigation for roadway rehabilitation project EA 0W790.	28-29 201.122	PA&ED PS&E R/W Sup Con Sup R/W Cap Const Cap Total	\$0 \$700 \$0 \$700 \$0 \$2,400 \$3,800
06-Tul-99 0.0/13.5 8115 0624000261 0W792	<u>Performance Measure</u> 0.0 Lane mile(s)			26-27 28-29 28-29

Note: Split landscape replacement into project EA 0W792/PPNO 06-8115 from parent project EA 0W790/PPNO 06-6963.

40	Near Three Points, at 1.1 mile west of Charlton Flats.	24-25	PA&ED	\$991	Prior	\$991	Prior
07-LA-2	Restore and stabilize slope.	25-26	PS&E	\$1,443	23-24	\$1,443	23-24
46.4		201.131	R/W Sup	\$15	23-24	\$15	23-24
5967	<u>Performance Measure</u>		Con Sup	\$1,612	24-25	\$1,612	25-26
0722000209	1.0 Location(s)		R/W Cap	\$3	24-25	\$3	25-26
38730			<u>Const Cap</u>	<u>\$10,230</u>	24-25	<u>\$10,230</u>	25-26
			Total	\$14,294		\$14,294	

Note: Delay delivery year because more time is needed to obtain necessary permits to complete geotechnical investigations and to identify a source of suitable borrow material.

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
41	In the cities of Los Angeles and Long Beach, from	24-25	PA&ED	\$676	Prior	\$676	Prior
07-LA-47	Route 110 to 0.1 mile south of New Dock Street; also	201.315	PS&E	\$2,363	Prior	\$2,363	Prior
R0.0/3.6	in Long Beach from Route 710 to north of Route 710		R/W Sup	\$75	Prior	\$75	Prior
5636	(PM 3.497/3.58). Upgrade Transportation		Con Sup	\$2,723	24-25	\$2,037	24-25
0719000307	Management System (TMS) elements, replace fiber		R/W Cap	\$56	24-25	\$56	24-25
36250	optic cable, and connect upgraded equipment to		<u>Const Cap</u>	\$9,664	24-25	<u>\$7,429</u>	24-25
	communication hubs.		Total	\$15,554		\$12,636	

Performance Measure

8.0 Field element(s)

Note: Remove a portion of the fiber optic work to avoid conflicts with slab replacement work on EA 39020. Reduce construction capital and support to reflect this change.

Performance Measure: TMS Elements					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Field element(s)	50		50	2.0
Post Condition	Field element(s)	100		0	8.0

42 07-LA-101 0.7/2.1 5744 0720000162 37230	In the city of Los Angeles, from Alameda Street to Edgeware Road; also on Route 110 from south of Temple Street to College Street (PM 23.5/24.1). Replace highway lighting, construct guardrail, and upgrade sign panels.	25-26 201.170	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,062 \$2,117 \$15 \$3,244 \$190 \$11,148 \$17,776	Prior 23-24 23-24 25-26 25-26 25-26 25-26	\$1,062 \$2,117 \$15 \$3,823 \$170 \$18,614 \$25,801	Prior 23-24 23-24 25-26 25-26 25-26 25-26
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Performance Measure

~~128.0 Lighting fixture(s)~~

301.0 Lighting fixture(s)

Note: Additional lighting structures were identified for replacement as they had exceeded their service life. Update performance to account for additional lighting. Update construction capital for additional lighting structures and additional guardrail and concrete barrier work. Update construction support because of additional working days and the updated scope.

Performance Measure: Highway Lighting Fixtures					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Each	0	0	301	301.0
Post Condition	Each	301	0	0	301.0

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
43 07-LA-101 31.1/38.19 5704 0719000376 36960	In Los Angeles and Ventura Counties, on Routes 101 and 118 at various locations. Upgrade overhead sign structures and sign panels. <u>Performance Measure</u> 62.0 Sign(s)	24-25 201.170	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,802 \$3,034 \$13 \$4,483 \$50 \$19,388 \$22,770	Prior 23-24 23-24 24-25 24-25 24-25 24-25	\$1,802 \$3,034 \$13 \$4,483 \$50 \$23,209 \$32,591	Prior 23-24 23-24 24-25 24-25 24-25 24-25

Note: Increase construction capital due to an updated estimate for sign structure replacement, guardrail upgrades, and drainage modifications due to overhead sign structure impacts.

Performance Measure: Highway Lighting Fixtures					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Each	0	0	62	62.0
Post Condition	Each	62	0	0	62.0

44 07-LA-134 0.0/R13.3 5375 0718000094 34710	In the cities of Los Angeles, Burbank, Glendale, and Pasadena, from Route 170 to Route 210. Replace sign structures and sign panels, relocate fiber optic system , upgrade striping, and upgrade guardrail. <u>Performance Measure</u> 20.0 Sign(s)	24-25 201.170	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$910 \$1,682 \$12 \$2,723 \$313 \$19,044 \$24,684	Prior Prior Prior 24-25 24-25 24-25 24-25	\$910 \$1,682 \$12 \$3,473 \$313 \$23,794 \$30,184	Prior Prior Prior 24-25 24-25 24-25 24-25
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Note: A portion of the guardrail upgrade work from EA 31170/PPNO 07-4817 was removed during construction due to utility conflicts, and is being moved to this project. Increase construction capital to relocate fiber and upgrade guardrail. Increase construction support because additional inspection effort will be required as part of the scope change.

Performance Measure: Highway Lighting Fixtures					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Each	0	0	16	16.0
Post Condition	Each	20	0	0	20.0

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)					
45 07-LA-134 R5.8 5546 0719000110 35830	In the city of Los Angeles, at the Doran Maintenance Station at 943 West Doran Street. Construct new office building, wash rack, Electric Vehicle (EV) chargers, and storage building.	24-25 25-26 201.352	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$652 \$2,470 \$66 \$4,200 \$77 \$15,449 \$22,914	Prior Prior Prior 24-25 24-25 24-25 24-25	\$652 \$2,470 \$66 \$4,200 \$77 \$20,399 \$27,864	Prior Prior Prior 25-26 25-26 25-26 25-26	
	<u>Performance Measure</u> 1.0 Location(s)							

Note: Increase construction capital for unit cost increases in electrical, structural, mechanical, and architectural items. Delay delivery year because geotechnical investigations needed for foundation recommendations will take additional time.

Performance Measure:					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	1,920	0	4,336	6,256.0
Post Condition	Square feet	9,000	0	0	9,000.0

46 07-LA-170 R17.6 5743 0720000155 37190	In the city of Los Angeles, at Valley Plaza Park South. Financial Contribution Only (FCO) to Los Angeles Department of Water and Power (LADWP) to construct infiltration gallery to treat stormwater runoff.	24-25 201.335	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$0 \$0 <u>\$12,583</u> \$12,583	 24-25 24-25	\$0 \$0 \$0 \$0 \$0 \$12,583 \$12,583	 24-25	
	<u>Performance Measure</u> 212.4 Acre(s) treated/pollutant 138.4 Acre(s) treated/pollutant							

Note: Update performance per updated National Pollutant Discharge Elimination System (NPDES) permit requirements.

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
47 07-LA-210 R11.0/R11.5 5628 0719000292 36180	In the city of Los Angeles, near the neighborhood of Sunland-Tujunga, from west of Sunland Boulevard to east of Sunland Boulevard. Rehabilitate drainage systems. <u>Performance Measure</u> 6.0 Culvert(s)	25-26 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$604 \$1,176 \$74 \$1,155 \$55 \$3,310 \$6,374	Prior Prior Prior 24-25 24-25 25-26	\$604 \$1,176 \$74 \$1,354 \$55 \$3,347 \$6,610	Prior Prior Prior 24-25 24-25 25-26

Note: Increase construction capital to reconstruct guardrail and roadside signs impacted by drainage work, and to provide wrong-way markers and delineation for an offramp. Increase construction support for additional inspection effort.

Performance Measure: Culverts					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Linear feet	0	600	1,243	1,843.0
Post Condition	Linear feet	1,843	0	0	1,843.0

48 08-Riv-10 R0.0/R4.4 3011W 0818000089 1J650	In Calimesa, from the San Bernardino County line to east of Brookside Avenue. Rehabilitate roadway, improve highway worker safety, upgrade median barrier, signs, guardrail, drainage, and striping, upgrade facilities to Americans with Disabilities Act (ADA) standards, install fiber optic cable, improve pedestrian and bicycle infrastructure , and construct stormwater Best Management Practices (BMP) to meet requirements of National Pollutant Discharge Elimination System (NPDES) permit.	24-25 201.122	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$2,988 \$3,150 \$318 \$6,769 \$56 \$66,342 \$79,593	Prior 23-24 23-24 24-25 24-25 24-25	\$2,988 \$3,150 \$318 \$7,435 \$56 \$67,331 \$81,278	Prior 23-24 23-24 24-25 24-25 24-25
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Performance Measure
26.2 Lane mile(s)

Note: Update description and increase construction capital and support because improvement to pedestrian and bicycle infrastructure is being added to the project. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: Pavement					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	0	18.6	7.6	26.2
Post Condition	Lane mile(s)	26.2	0	0	26.2

List of 2024 SHOPP Amendments
(Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
49	In Banning, at the Desert Hills Commercial Vehicle	24-25	PA&ED	\$1,821	Prior	\$1,821	Prior
08-Riv-10	Enforcement Facility (CVEF). Upgrade CVEF, install	201.321	PS&E	\$2,239	Prior	\$2,239	Prior
R14.6/R16.3	an Electronic Screening (E-Screening) system, and		R/W Sup	\$202	Prior	\$202	Prior
3014Q	upgrade Changeable Message Sign (CMS).		Con Sup	\$4,415	24-25	\$4,415	24-25
0819000122			R/W Cap	\$33	24-25	\$33	24-25
1K960	<u>Performance Measure</u>		<u>Const Cap</u>	<u>\$11,262</u>	24-25	\$15,953	24-25
	1.0 Location(s)		Total	\$19,972		\$24,663	

Note: Drop septic system replacement from the project after re-evaluation identifying unit is in good condition. Increase construction capital due to a refined cost estimate adding missing items and adjustments in structures, electrical, mobilization, and contingencies.

50	Near Cajon Junction, from 4.0 0.9 mile east of	25-26	PA&ED	\$1,580	Prior	\$1,580	Prior
08-SBd-138	Wagon Train Road to Hog Ranch Creek Bridge.	201.010	PS&E	\$1,922	24-25	\$2,100	24-25
T16.3/R17.3	Realign horizontal and vertical curves, construct 8-		R/W Sup	\$177	24-25	\$400	24-25
T16.20/R17.35	foot shoulders, and install rumble strips and		Con Sup	\$2,003	25-26	\$2,003	25-26
3019X	guardrail.		R/W Cap	\$216	25-26	\$270	25-26
0821000070			<u>Const Cap</u>	<u>\$10,281</u>	25-26	<u>\$10,281</u>	25-26
1M080	<u>Performance Measure</u>		Total	\$16,179		\$16,634	
	0.52 Annual fatal and serious injury collision(s)						

Note: Increase PS&E, R/W support, and R/W capital because during the PA&ED phase, the team identified more accurate R/W limits and discovered field conditions that required re-design of the proposed roadway alignment which resulted in a need for two new temporary construction easements and additional positive utility verification. Update postmile limits to tie-in new roadway alignment.

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No.
Dist-Co-Rte
PM
PPNO
Project ID
EA

Project Location and Description of Work
Performance Measure

FY
Program Code

Project Costs
(\$1,000)

51	In and nNear Hesperia, from 0.3 mile north of	24-25	PA&ED	\$1,302	Prior	\$1,302	Prior
08-SBd-395	Joshua Street to Eucalyptus Street. Construct four-	201.010	PS&E	\$1,635	Prior	\$1,635	Prior
4.8/7.6	foot median, standard shoulders, and rumble strips		R/W Sup	\$931	Prior	\$931	Prior
3017R	and upgrade guardrail. Financial Contribution		Con Sup	\$1,757	24-25	\$0	
0821000009	Only (FCO) to Santa Bernardino County		R/W Cap	\$1,664	24-25	\$0	
1L890	Transportation Authority (SBCTA) for		<u>Const Cap</u>	<u>\$7,652</u>	24-25	<u>\$7,652</u>	24-25
	construction implementation.		Total	\$14,941		\$11,520	

Performance Measure

0.18 Annual fatal and serious injury collision(s)

Note: SHOPP EA 1L890 (PM 4.8/7.6) and related non-SHOPP EA 0F633 (PM R4.0/11.2) share overlapping project limits, similar safety improvements, and 24/25 delivery schedule. For efficiency purposes, these two projects will be combined at time of construction and EA 1L890 will remove its programmed R/W capital and construction support funds and change project description to an FCO to SBCTA for construction implementation.

52	Near Loope, from 1.6 miles west of Wolf Creek Road	24-25	PA&ED	\$1,328	Prior	\$1,328	Prior
10-Alp-4	to west of Route 89; also on Route 88 and Route 89	201.151	PS&E	\$840	Prior	\$840	Prior
26.8/31.2	at various locations. Rehabilitate drainage systems.		R/W Sup	\$642	Prior	\$642	Prior
3488			Con Sup	\$1,226	24-25	\$1,226	24-25
1017000180	<u>Performance Measure</u>		R/W Cap	\$395	24-25	\$395	24-25
1F720	36.0 Culvert(s) (ea)		<u>Const Cap</u>	\$5,320	24-25	\$4,809	24-25
	31.0 Culvert(s) (ea)		Total	\$7,751		\$9,240	

Note: Update construction capital cost and performance. Once field review was completed and culvert locations reviewed, it was determined that the environmental mitigation identified in the PID was insufficient to address archaeological monitoring, biological monitoring, and on-site planting needs. The performance is being adjusted upon verifying the existing conditions, totaling in eight culverts removed and three culverts added.

Performance Measure: Culverts					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Linear feet	0	393.1	1,679.9	2,073.0
Post Condition	Linear feet	2,073	0	0	2,073.0

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
53 10-Alp-88 2.00/25.00 3436 1018000275 1G020	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 MVPs). (G13 Contingency)	24-25 201.315	PA&ED PS&E R/W Sup * Con Sup R/W Cap * <u>Const Cap</u> Total	\$2,094 \$2,589 \$1,073 \$2,576 \$20 \$12,059 \$20,405	Prior Prior Prior 24-25 24-25 24-25	\$2,094 \$2,589 \$1,073 \$2,033 \$20 \$9,082 \$16,891	Prior Prior Prior 24-25 24-25 24-25

Performance Measure

~~35.0 Field element(s)~~

21.0 Field element(s)

* Phase not authorized

Note: Update description to correct acronym. Update locations and performance due to the elimination of two locations on Route 4. Public opposition to visual and aesthetic concerns on this scenic highway no longer made them a viable improvement.

Performance Measure: TMS Elements					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Field element(s)	0		100	4.0
Post Condition	Field element(s)	100		0	21.0

54 10-Mer-99 R0.6 3493 1020000191 1J510	Near Chowchilla, at Chowchilla River Commercial Vehicle Enforcement Facility (CVEF). Repair and upgrade CVEF.	24-25 201.321	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$541 \$1,778 \$0 \$1,705 \$20 \$3,726 \$7,764	Prior Prior 24-25 24-25 24-25	\$541 \$1,778 \$0 \$1,705 \$20 \$4,732 \$8,776	Prior Prior 24-25 24-25 24-25
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Note: Update construction capital cost to replace eight overhead doors after being evaluated by the California Highway Patrol (CHP) and the Department's engineering services. These doors are non-operational making the truck inspection bays unavailable.

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
55	Near Discovery Bay and Holt, from Contra Costa	25-26	PA&ED	\$1,164	Prior	\$1,164	Prior
10-SJ-4	County line to east of South Whiskey Road.	24-25	PS&E	\$2,050	Prior	\$2,050	Prior
0.0/8.9	Rehabilitate pavement, construct an approach slab,	201.121	R/W Sup	\$47	Prior	\$47	Prior
3517	upgrade Transportation Management System (TMS)		Con Sup	\$2,412	25-26	\$2,452	24-25
1016000047	elements, install lighting, apply erosion control, and		R/W Cap	\$156	25-26	\$42	24-25
1F320	replace guardrail and sign panels.		<u>Const Cap</u>	<u>\$14,165</u>	25-26	<u>\$15,909</u>	<u>24-25</u>
			Total	\$19,994		\$21,664	

Performance Measure

17.4 Lane mile(s)

Note: Update delivery schedule, right of way (R/W) capital, construction support, and construction capital cost. The project is being delivered earlier after the environmental document was determined to be a lower order categorically exempt (CE) document. R/W capital savings also an effect of this change. Scope refinement identified construction cost increase for additional pavement repairs within the project limits.

Performance Measure: Pavement					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	0	15.4	2	17.4
Post Condition	Lane mile(s)	17.4	0	0	17.4

56	Near Copperopolis, at Hoods Creek Bridge No.	25-26	PA&ED	\$2,058	Prior	\$2,058	Prior
10-Sta-4	38-0041. Replace bridge.	26-27	PS&E	\$2,438	24-25	\$2,511	25-26
7.3		201.111	R/W Sup	\$490	24-25	\$505	25-26
3526	<u>Performance Measure</u>		Con Sup	\$3,391	25-26	\$3,493	26-27
1020000178	1.0 Bridge(s)		R/W Cap	\$1,980	25-26	\$2,040	26-27
1H230			<u>Const Cap</u>	<u>\$9,012</u>	25-26	<u>\$9,282</u>	26-27
			Total	\$19,369		\$19,889	

Note: Update delivery schedule and project cost for delay in obtaining the draft environmental document (DED) due to requirement for incidental take permit (ITP) for the California Tiger Salamander prior to conducting archeological surveys.

Performance Measure: Bridges					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	2,626	2,626.0
Post Condition	Square feet	2,626	0	0	2,626.0

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)					
57 11-SD-5 R30.4/R32.7 1431 1121000047 43123	In the city of San Diego, from Route 805 to Route 56; also on Route 56 from Route 5 to Carmel Valley Road (PM 0.0/3.1). Financial Contribution Only (FCO) to the city of San Diego to restore the Los Penasquitos Lagoon and reduce sediment transport to the lagoon to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for Total Maximum Daily Load (TMDL).	24-25 25-26 201.335	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$0 \$0 <u>\$2,024</u> \$2,024				
				24-25	<u>\$2,024</u>	25-26		
	<u>Performance Measure</u> 46.0 Acre(s) treated/pollutant							
	<u>Note:</u> Delay delivery year to secure necessary permits.							
58 11-SD-5 R67.2 R66.2/R67.4 1385 1119000162 43082	Near Oceanside, at the from 4.1 miles north of Las Pulgas Road to the northbound and southbound San Onofre Commercial Vehicle Enforcement Facilities (CVEFs). Replace CVEF scales, repair pavement, and update signs and striping.	24-25 201.321	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$684 \$1,016 \$46 \$904 \$41 <u>\$5,337</u> \$8,028	Prior Prior Prior 24-25 24-25 24-25	\$684 \$1,016 \$46 \$1,154 \$41 <u>\$5,337</u> \$8,278	Prior Prior Prior 24-25 24-25 24-25	
	<u>Performance Measure</u> 2.0 Location(s)							
	<u>Note:</u> Update postmiles to reflect the new location of an overhead sign structure. Increase construction support to reflect resource needs related to the Automatic Lane Closure System.							

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No.
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Project Location and Description of Work
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Project Costs
 (\$1,000)

59	Near Ramona, from west of Haverford Road to east	24-25	PA&ED	\$1,485	Prior	\$1,485	Prior
11-SD-78	of Magnolia Avenue. Rehabilitate pavement and	25-26	PS&E	\$1,811	23-24	\$1,811	23-24
33.7/37.3	drainage systems, replace roadside sign panels, and	201.121	R/W Sup	\$380	23-24	\$380	23-24
1382	upgrade facilities to Americans with Disabilities Act		Con Sup	\$2,681	24-25	\$2,681	25-26
1119000195	(ADA) standards.		R/W Cap	\$650	24-25	\$650	25-26
43088			<u>Const Cap</u>	<u>\$16,204</u>	24-25	<u>\$16,204</u>	25-26
	<u>Performance Measure</u>		Total	\$23,211		\$23,211	
	9.1 Lane mile(s)						

Note: Delay project delivery year to implement updated safety standards and complete biological studies.

Performance Measure: Pavement					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	0	8	1.1	9.1
Post Condition	Lane mile(s)	9.1	0	0	9.1

60	In and near Irvine, from Route 405 to Yale Avenue.	24-25	PA&ED	\$1,120	Prior	\$1,120	Prior
12-Ora-5	Rehabilitate roadway pavement and drainage	201.120	PS&E	\$2,040	Prior	\$2,040	Prior
21.3/R25.8	systems, enhance highway worker safety, replace	201.121	R/W Sup	\$0		\$0	
2590A	roadside sign panels, add fiber optic cable, and		Con Sup	\$4,310	24-25	\$4,310	24-25
1222000012	construct stormwater treatment Best Management		R/W Cap	\$40	24-25	\$0	24-25
0S051	Practices (BMPs).		<u>Const Cap</u>	<u>\$24,920</u>	24-25	<u>\$28,930</u>	24-25
	<u>Performance Measure</u>		Total	\$32,400		\$36,400	
	51.2 Lane mile(s)						

Note: Update construction capital because of additional asphalt pavement needed for grinding and overlay operations, as well as unit price increases. Reduce R/W capital because environmental permits will not be needed. Update program code and description to accurately reflect scope.

Performance Measure: Pavement					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	10.5	40.7	0	51.2
Post Condition	Lane mile(s)	51.2	0	0	51.2

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code			Project Costs (\$1,000)		
61 12-Ora-5 36.7 36.6/36.7 2860Z 1221000045 0S840	In Anaheim, at the intersection of Anaheim Boulevard and Anaheim Way. Upgrade signal and lighting, reconfigure right-turn movement onto the northbound Route 5 onramp, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	24-25 201.010	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$313 \$476 \$0 \$395 \$0 \$876 \$2,060	Prior Prior 24-25 24-25	\$313 \$476 \$67 \$395 \$6 \$1,185 \$2,442	Prior Prior 23-24 24-25 24-25 24-25
	<u>Performance Measure</u> 0.03 Annual fatal and serious injury collision(s)						

Note: Update construction capital to reflect current market pricing for thermoplastic paint, concrete removal, and traffic control systems. Program R/W capital to locate utilities and program R/W support to cover utility coordination and review work, which was not originally anticipated. Update postmiles to cover entire intersection.

62 12-Ora-5 R25.8/30.3 2590B 1222000013 0S052	In and near Irvine and Tustin, from Yale Avenue to Route 55. Rehabilitate roadway pavement and drainage systems, enhance highway worker safety, add fiber optic cable, and install census stations.	24-25 201.120 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$760 \$1,850 \$0 \$3,340 \$0 \$13,924 \$19,874	Prior Prior 24-25 24-25	\$760 \$1,850 \$0 \$3,340 \$0 \$19,869 \$25,819	Prior Prior 24-25 24-25
	<u>Performance Measure</u> 55.7 Lane mile(s)						

Note: Update construction capital because of additional asphalt pavement needed for grinding and overlay operations, as well as unit price increases. Update program code and description to accurately reflect scope.

Performance Measure: Pavement					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	5.8	49.9	0	55.7
Post Condition	Lane mile(s)	55.7	0	0	55.7

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
63	In Anaheim, at the Route 57 southbound connector	24-25	PA&ED	\$670	Prior	\$670	Prior
12-Ora-57	to westbound Route 91. Extend the existing lane	201.010	PS&E	\$1,150	Prior	\$1,150	Prior
15.9	drop.		R/W Sup	\$0		\$0	
3795			Con Sup	\$1,476	24-25	\$1,870	24-25
1220000087	<u>Performance Measure</u>		R/W Cap	\$4	24-25	\$4	24-25
0S530	0.40 Annual fatal and serious injury collision(s)		<u>Const Cap</u>	\$3,239	24-25	\$4,126	24-25
			Total	\$6,533		\$7,820	

Note: Increase construction capital because additional items of work were needed to support the lane drop extension, such as additional shoulder pavement, drainage work, and a crash cushion. This additional scope also required additional construction support resources.

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.) for Senate Bill 1 Projects

Project No.
Dist-Co-Rte
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Project Location and Description of Work
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Project Costs
(\$1,000)

1	Near Rio Vista, at the Cache Slough Ferry Crossing	23-24	PA&ED	\$2,080	Prior
04-SOT-04	at Bridge No. 23-0245 (ferry) and Bridge No. 23	201.119	PS&E	\$2,080	Prior
2-5	-0034 (ferry landings). Upgrade the existing fender		* R/W Sup	\$260	Prior
0400D	201.119 systems, concrete ramps, and swing gate		* Con Sup	\$2,230	23-24
0413000001	systems, modify the ferry boat deck surface, and		* R/W Cap	\$350	23-24
4H060	install traffic counter and Vehicle Detection Systems		* <u>Const Cap</u>	<u>\$13,530</u>	<u>23-24</u>
	(VDS)-		Total	\$20,530	
	(G13 Contingency)				

* Phase not authorized

Performance Measure

2.0 Bridge(s)

Note: After programming, a higher level environmental permit was identified requiring more than two years to complete plus associated change to foundation design. Delete project and reprogram in future years.

2	Near Malibu, from Sycamore Canyon Road to 0.4	25-26	PA&ED	\$1,958	Prior
07-Ven-1	mile north of Sycamore Canyon Road. Replace	201.110	PS&E	\$4,094	22-23
4.4/4.8	bridge and construct secant wall to stabilize erosion.		R/W Sup	\$664	22-23
5614			Con Sup	\$7,068	25-26
0719000268	<u>Performance Measure</u>		R/W Cap	\$565	25-26
36010	1.0 Bridge(s)		<u>Const Cap</u>	<u>\$41,998</u>	<u>25-26</u>
			Total	\$56,344	

Note: Delete project. Updated sea level rise guidance will require extensive technical and environmental studies, and additional time will be required. This project will be reprogrammed as a long-lead project.

Performance Measure: Bridges					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	4,844	4,844.0
Post Condition	Square feet	6,438	0	0	6,438.0

List of 2024 SHOPP Long Lead Project Amendments

Resolution G-00-13, established in June 2000, provides the Department with the means to develop SHOPP projects which require periods longer than the four-year SHOPP cycle. The Commission authorized the Department to program projects for development only when appropriate. Long lead projects must identify challenges that require additional time beyond the typical four years to complete.

Project No.
Dist-Co-Rte
PM
PPNO
Project ID
EA

Project Location and Description of Work
Performance Measure

FY
Program Code

Project Costs
(\$1,000)

1	Near Bradley, Nacimiento and San Miguel, from south of East Garrison Overcrossing to Jolon Road.	28-29	PA&ED	\$3,359	Prior	\$3,359	Prior
05-Mon-101	Replace San Antonio River Bridge No. 44-0141R and North Bradley Undercrossing No. 44-0142L bridges, rehabilitate pavement, reconstruct guardrail and drainage systems, and replace Transportation Management System (TMS) elements and signs. (Long Lead Project)	201.110	* PS&E	\$5,613	24-25	\$5,613	25-26
R1.9/R9.7			* R/W Sup	\$690	24-25	\$690	25-26
2904			* Con Sup	\$9,655	28-29	\$9,655	28-29
0519000035			* R/W Cap	\$139	28-29	\$139	28-29
1K880			* <u>Const Cap</u>	<u>\$57,842</u>	28-29	<u>\$57,842</u>	28-29
			Total	\$77,298		\$77,298	

* Phase not authorized

Performance Measure

0.0 Bridge(s)

Note: Update description to capture bridge names and revised PS&E and R/W support schedule due to longer than expected biology and archeology studies and structure design studies to minimize environmental impact.

Performance Measure: Bridges					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	20,010	20,010.0
Post Condition	Square feet	20,010	0	0	20,010.0

2	Near Carpinteria, at the Ventura County line.	28-29	PA&ED	\$1,000	Prior	\$1,000	Prior
05-SB-101	Remediate fish passage by improving creek bed and invert modifications. (Long Lead Project)	201.151	* PS&E	\$3,024	24-25	\$3,024	25-26
R0.0			* R/W Sup	\$173	24-25	\$173	25-26
2799F			* Con Sup	\$4,160	28-29	\$4,160	28-29
0521000086			* R/W Cap	\$900	28-29	\$900	28-29
1J911			* <u>Const Cap</u>	<u>\$10,000</u>	28-29	<u>\$10,000</u>	28-29
			Total	\$19,257		\$19,257	

* Phase not authorized

Note: Update PS&E and R/W support delivery due to an increased fish passage footprint requires additional biological field studies and consultation with resource agencies.

Performance Measure: Culverts					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Linear feet	0	602	268	870.0
Post Condition	Linear feet	870	0	0	870.0

List of 2024 SHOPP Long Lead Project Amendments

Resolution G-00-13, established in June 2000, provides the Department with the means to develop SHOPP projects which require periods longer than the four-year SHOPP cycle. The Commission authorized the Department to program projects for development only when appropriate. Long lead projects must identify challenges that require additional time beyond the typical four years to complete.

Project No.
Dist-Co-Rte
PM
PPNO
Project ID
EA

Project Location and Description of Work
Performance Measure

FY
Program Code

Project Costs
(\$1,000)

3	Near Descanso, from Route 8 to 0.6 mile south of	26-27	PA&ED	\$1,526	24-25	\$2,526	24-25
11-SD-79	Wolahi Road; also on Route 8 from 0.4 mile west to	30-31	* PS&E	\$2,146	25-26	\$2,146	29-30
L0.044/11.2	0.6 mile east of Route 79 (R37.4/R38.4L/R).	201.121	* R/W Sup	\$363	25-26	\$363	29-30
1455	Rehabilitate pavement and drainage systems,		* Con Sup	\$4,683	26-27	\$4,683	30-31
1121000249	replace roadside sign panels, and upgrade census		* R/W Cap	\$169	26-27	\$169	30-31
43139	stations.		* <u>Const Cap</u>	<u>\$26,954</u>	26-27	<u>\$26,954</u>	30-31
	(Long Lead Project)		Total	\$35,841		\$36,841	

Performance Measure
27.7 Lane mile(s)

* Phase not authorized

Concurrent COS allocation under Resolution
FP-23-107; June 2024.

Note: A storm event in January 2023 exposed potentially sensitive cultural resources. After field reviews with archeologists and tribal representatives in early 2024, the decision was made to change this project to a long lead, as PA&ED will now take longer to complete. Increase PA&ED because additional resources will be needed.

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.6	24.5	2.6	27.7
Post Condition	Lane mile(s)	27.7	0.0	0.0	27.7