

MEMORANDUM

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: August 15-16, 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-004**

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-004?

RECOMMENDATION:

The Department recommends that the Commission approve SHOPP Amendment 24H-004 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 24 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, Major Damage Restoration, Mandates, 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	6	\$0	\$8,775	\$20,250	\$8,900	\$46,620
Major Damage Restoration	17	\$46,230	\$1,665	\$11,260	\$0	\$22,322
Mandates	1	\$0	\$0	\$8,549	\$0	\$0
Total New Amendments	24	\$46,230	\$10,440	\$40,059	\$8,900	\$68,942

*"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	\$118,000	\$0	\$0
Total New Amendments	1	\$0	\$0	\$118,000	\$0	\$0

Also, the Department recommends to begin the development of one new Long Lead project, as detailed in 2.1a.(1c). Resolution G-00-13, established in June 2000, provides the Department with authority to develop Long Lead SHOPP projects which require periods longer than the standard four-year SHOPP cycle. Long Lead projects must identify challenges that require additional time beyond the typical four years to complete.

The Department further recommends that the capital projects detailed in 2.1a.(1d) 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 03-But-191 3.278/3.778 2710 0323000037 3J930	Near Paradise, from 0.2 mile south to 0.2 mile north of Durham Pentz Road. Make roundabout improvements to improve safety. PA&ED: 7/17/2025 R/W: 2/15/2027 RTL: 3/15/2027 BC: 7/27/2027	26-27	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,090 \$1,020 \$420 \$1,360 \$290 <u>\$4,720</u> \$8,900	24-25 25-26 25-26 26-27 26-27 26-27 26-27
					201.010 Assembly: 3 Senate: 1 Congress: 1
	<u>Performance Measure</u> 0.14 Annual fatal and serious injury collision(s) Concurrent COS allocation under Resolution FP-24-09; August 2024.				
2 03-Col-20 0.0/R22.1 2964 0323000300 0L000	Near Williams, from Lake County line to Route 5. Widen shoulders, upgrade guardrail, add rumble strips, and place new striping to improve safety. PA&ED: 1/4/2027 R/W: 5/7/2028 RTL: 6/1/2028 BC: 10/11/2028	27-28	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$3,310 \$3,770 \$360 \$4,640 \$340 <u>\$34,200</u> \$46,620	24-25 26-27 26-27 27-28 27-28 27-28 27-28
					201.010 Assembly: 4 Senate: 1 Congress: 1
	<u>Performance Measure</u> 0.37 Annual fatal and serious injury collision(s) Concurrent COS allocation under Resolution FP-24-09; August 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.
3 03-Sac-5 1.2/3.1 5884 0323000287 4J900	Near Thornton, from Lost Slough Bridge to Dierssen Road Overcrossing. Extend acceleration lanes at Twin Cities Road, and upgrade lighting, signs, and striping.	25-26	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,450 \$1,910 \$50 \$1,920 \$960 <u>\$5,900</u> \$12,190	24-25 24-25 24-25 25-26 25-26 25-26
	PA&ED: 4/17/2025 R/W: 2/18/2026 RTL: 3/5/2026 BC: 7/13/2026				201.010 Assembly: 9 Senate: 6 Congress: 7
	<u>Performance Measure</u> 0.20 Annual fatal and serious injury collision(s)				
	Concurrent COS allocation under Resolution FP-24-09; August 2024.				
4 07-Ven-33 18.9/19.1 5145 0716000257 33230	Near Ojai, from 0.2 mile to 0.4 mile north of North Fork Matilija Creek Bridge. Widen the roadway, replace existing rock block wall with a concrete barrier, and upgrade drainage system to improve safety.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$485 \$0 \$1,830 \$10 <u>\$6,450</u> \$8,775	24-25 24-25 24-25 24-25 24-25
	PA&ED: 6/22/2021 R/W: 9/20/2024 RTL: 10/1/2024 BC: 2/25/2025				201.015 Assembly: 38 Senate: 21 Congress: 26
	<u>Performance Measure</u> 1.00 Annual fatal and serious injury collision(s)				
	Concurrent COS allocation under Resolution FP-24-09; August 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.
5 08-Riv-10 R56.3/R56.6 3023K 0824000110 1P770	In Indio, from 0.3 mile to 0.6 mile west of Golf Center Parkway. Install guardrail, replace dike, and modify drainage system. PA&ED: 5/1/2025 R/W: 11/4/2025 RTL: 2/2/2026 BC: 8/3/2026	25-26	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,020 \$1,025 \$77 \$707 \$28 <u>\$1,047</u> \$3,904	24-25 24-25 24-25 25-26 25-26 25-26 25-26	201.010 Assembly: 36 Senate: 18 Congress: 25
<u>Performance Measure</u> 0.15 Annual fatal and serious injury collision(s) Concurrent COS allocation under Resolution FP-24-09; August 2024.						
6 08-SBd-18 88.6 3023E 0824000040 1P600	In Apple Valley, at the intersection of Pawnee Road. Install traffic signals. PA&ED: 7/1/2025 R/W: 3/2/2026 RTL: 3/3/2026 BC: 10/1/2026	25-26	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,181 \$1,001 \$51 \$800 \$23 <u>\$1,100</u> \$4,156	24-25 25-26 25-26 25-26 25-26 25-26 25-26	201.010 Assembly: 34 Senate: 19 Congress: 23
<u>Performance Measure</u> 0.12 Annual fatal and serious injury collision(s) Concurrent COS allocation under Resolution FP-24-09; August 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.
Major Damage Restoration					
7 02-Las-36 12.3 3924 0224000173 1K850	Near Westwood, at 0.4 mile east of Fredonyer Pass. Provide traffic control, maintain pulverized roadway surface, and repair the roadway when the geological movement has stopped.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$200 \$0 \$1,000 \$1,200	201.130 Assembly: 1 Senate: 1 Congress: 1
	<u>Performance Measure</u> 1.0 Location(s)				
	<u>Note:</u> On April 4, 2024, an earthquake as well as saturated soils from winter storms caused pavement deformations along a fault line that crosses the roadway. A minor emergency project (02-1K610) was initiated to repair the roadway. However, the geological activity in the area continued through the subsequent months and the roadway deformed again. The damaged roadway section is currently pulverized and is under traffic control. This project is necessary to provide traffic control, maintain the pulverized roadway surface, and eventually repair the roadway when the geological movement has stopped.				
8 04-Nap-Var Var 2926R 0424000322 1X400	In Napa and Solano Counties, on various routes at various locations. Remove fallen trees, trim damaged trees, and replace damaged fence.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$425 \$0 \$1,405 \$1,830	201.130 Assembly: 4, 11 Senate: 3 Congress: 4, 8
	<u>Performance Measure</u> 32.0 Location(s)				
	<u>Note:</u> A series of storms from January 2024 through February 2024 brought heavy rains that caused numerous uprooted and fallen trees, of which some of those trees caused damage to right of way property fences. This project will remove fallen trees, trim damaged trees, and replace damaged fence.				

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-SM-35 29.9 2927D 0424000363 1X470	In Daly City, at 0.2 mile north of Westmoore Avenue. Remove debris and repair sinkhole. <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 \$146 \$0 <u>\$486</u> \$632	201.130 Assembly: 19 Senate: 11 Congress: 15
<u>Note:</u> A heavy winter storm from February 2024 and March 2024 brought heavy rains that caused a sinkhole in the southbound #2 lane. An inspection was performed on March 14, 2024, showing water was not visible in the sinkhole and utilities were neither present. This project will remove debris and repair sinkhole, replace sub-base and pavement.					
10 04-SM-280 10.157 2927M 0424000424 1X660	Near Highlands, at 0.6 mile south of Route 92. Replace damaged culvert and repair pavement. <u>Performance Measure</u> 1.0 Location(s)	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$75 \$451 \$0 <u>\$1,139</u> \$1,665	201.130 Assembly: 21 Senate: 13 Congress: 15
<u>Note:</u> Heavy rains from January 2024 to March 2024 caused heavy runoff, resulting in a culvert separation failure, which led to pavement settlement. This project will remove unsuitable material underneath the pavement, replace damaged culvert, and repair pavement.					

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 04-Son-116 39.82 2927F 0424000371 1X490	Near Petaluma, at 0.5 mile east of Lakeville Road. Repair slopes and drainage systems and reconstruct pavement. <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 \$20 \$405 \$60 <u>\$1,221</u> \$1,706	201.130 Assembly: 12 Senate: 2 Congress: 4
<u>Note:</u> A heavy winter storm from early February 2024 brought heavy rains leading to saturated slopes and excessive flow through culverts which resulted in a roadway washout and exposed underground drainage systems. This project will remove debris, repair slope, reconstruct pavement, repair drainage systems, and place Rock Slope Protection (RSP).					
12 04-Son-Var Var 2926Q 0424000321 1X390	In Sonoma County, on Routes 1, 12, and 101 at various locations; also in Marin County, on Routes 1, 101, and 131 at various locations. Remove fallen trees, trim damaged trees, and replace damaged fence. <u>Performance Measure</u> 36.0 Location(s)	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$678 \$0 <u>\$2,260</u> \$2,938	201.130 Assembly: 2, 12 Senate: 2, 3 Congress: 2, 4
<u>Note:</u> A series of storms from January 2024 through February 2024 brought heavy rains that caused numerous uprooted and fallen trees, of which some of those trees caused damage to right of way property fences. This project will remove fallen trees, trim damaged trees, and replace damaged fence.					

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 05-Mon-1 20.8 3190 0524000093 1R600	Near Lucia, at 0.1 mile south of Limekiln Creek Bridge. Construct viaduct and replace guardrail to meet Manual for Assessing Safety Hardware (MASH) standards. PA&ED: 4/20/2026 R/W: 8/4/2027 RTL: 12/20/2027 BC: 6/14/2028 <u>Performance Measure</u> 1.0 Location(s) Concurrent COS allocation under Resolution FP-24-09; August 2024.	27-28	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,159 \$2,452 \$42 \$3,934 \$22 <u>\$14,713</u> \$22,322	24-25 25-26 25-26 27-28 27-28 27-28 201.131 Assembly: 30 Senate: 17 Congress: 19
14 05-Mon-1 60.0 3229 0524000176 1S160	Near Nottleys Landing, at 0.2 mile south of Rocky Creek Bridge. Construct sidehill viaduct. <u>Performance Measure</u> 1.0 Location(s) <u>Note:</u> On March 30, 2024, a rockslide occurred below the highway resulting in the undermining of Route 1. Temporary stabilization and one-way traffic control was established under emergency contract EA 1S040/PPNO 05-3222. This project will construct a sidehill viaduct to restore two-way traffic.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$6,000 \$200 <u>\$21,000</u> \$27,200	23-24 23-24 23-24 201.130 Assembly: 30 Senate: 17 Congress: 19

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 05-SBt-101 R4.24 3227 0524000174 1S140	Near San Juan Bautista, at Anzar Road. Line culverts, backfill sinkhole, replace guardrail, and repair drainage inlet. <u>Performance Measure</u> 2.0 Location(s)	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$150 \$0 <u>\$650</u> \$800	201.130 Assembly: 29 Senate: 17 Congress: 18
<u>Note:</u> On April 19, 2024, a sinkhole was discovered in the median of Route 101. A culvert was found to be severely degraded. This project will line the culvert, fill in the sinkhole, repair the inlet, and replace the adjacent guardrail.					
16 05-SCr-17 7.88 3223 0524000163 1S050	Near Scotts Valley, at Jarvis Road. Remove and replace failed culverts. <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 \$200 \$0 <u>\$740</u> \$940	201.130 Assembly: 28 Senate: 17 Congress: 19
<u>Note:</u> On March 12, 2024, a sinkhole was reported at a drain inlet, following heavy rains in early 2024. A culvert inspection team determined that the culverts crossing the route and running parallel to the route have deteriorated at this location. This project will remove and replace the failed 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.
17 05-SLO-101 32.6 3228 0524000175 1S150	Near the city of San Luis Obispo, at 0.2 mile south of Old Stage Coach Road. Extend rockfall drapery system, stabilize slopes, 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 \$0 \$160 \$10 <u>\$900</u> \$1,070	201.130 Assembly: 30 Senate: 17 Congress: 24
<u>Performance Measure</u> 1.0 Location(s) <u>Note:</u> Early 2024 storms caused damage to the drapery system on the slope above Route 101. The slope has receded past the limits of the top of the drapery system, leaving the slope vulnerable to erosion, and presenting a rockfall hazard. This project will extend the drapery system to cover all necessary areas, stabilize slopes, and place erosion control.					
18 06-Ker-5 8.04L/8.45L 8125 0624000213 1H150	Near Lebec, from 3.0 miles north of Fort Tejon Overcrossing to 0.1 mile north of General Petroleum Undercrossing. Install rockfall drapery system.	25-26	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$920 \$1,400 \$10 \$1,400 \$30 <u>\$7,500</u> \$11,260	201.131 Assembly: 32 Senate: 12 Congress: 20
PA&ED: 11/29/2024 R/W: 1/16/2026 RTL: 1/23/2026 BC: 7/13/2026 <u>Performance Measure</u> 1.0 Location(s) Concurrent COS allocation under Resolution FP-24-09; August 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.
19 07-LA-57 R7.78/R7.82 6250 0724000303 2XM10	In San Dimas, at the interchange with Route 10. Remove and reconstruct the damaged guardrail, transition railing, and concrete barrier.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$125 \$0 \$475 \$600	201.130 Assembly: 41 Senate: 22 Congress: 31
	<u>Performance Measure</u> 1.0 Location(s)				
	<u>Note:</u> On May 7, 2024, a trailer truck lost control on southbound Route 57. The truck struck and damaged the guardrail, transition railing, and concrete barrier. This project will place temporary railing and remove and reconstruct the damaged guardrail, transition railing, and concrete barrier. Abatement is being sought from the responsible party.				
20 07-Ven-118 22.3 6265 0724000248 2XN70	In Moorpark, at 0.7 mile west of Madera Road; also near Simi Valley, at Rocky Peak Road (PM 32.51). Remove debris and reconstruct slopes.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$373 \$0 \$1,830 \$2,203	201.130 Assembly: 42 Senate: 27 Congress: 26
	<u>Performance Measure</u> 2.0 Location(s)				
	<u>Note:</u> On March 6, 2024, two landslides were discovered on Route 118, caused by heavy winter storms. These slides eroded slopes, and deposited mud and debris. This project will remove loose material and debris and reconstruct the slopes.				

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.
21 07-Ven-126 R7.0/R9.0 6285 0724000276 2XP20	Near Santa Paula, from 0.1 mile east of Edwards Ranch Road to Briggs Road; also near Piru, from 0.2 mile west of Hopper Canyon Road to 0.1 mile west of Pena Ranch Road (PM R26.0/R34.5). Remove debris at bridges, clean clogged drainage systems, and repair slopes.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$50 \$245 \$50 <u>\$1,225</u> \$1,570	201.130 Assembly: 38 Senate: 21 Congress: 26
<u>Performance Measure</u>					
2.0 Location(s)					
<u>Note:</u> Heavy winter storms from February to April 2024 brought heavy rains and resulted in debris accumulating at Hopper Creek Bridge and Todd Barranca Bridge. Maintenance forces cleared storm debris from the roadway, but pushed it to the shoulders. This project is needed to remove debris near and under bridges, clean clogged drainage systems, repair eroded slopes, and place erosion control.					
22 07-Ven-150 1.58/4.65 6266 0724000277 2XN80	Near Lake Casitas, from 1.6 miles east of the Santa Barbara County line to 0.6 mile west of Rincon Chlorination Station. Remove landslide and debris, reconstruct slope, and replace damaged culvert.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$100 \$350 \$150 <u>\$1,805</u> \$2,405	201.130 Assembly: 38 Senate: 21 Congress: 24
<u>Performance Measure</u>					
2.0 Location(s)					
<u>Note:</u> Heavy winter storms in February and March 2024 resulted in a landslide at PM 1.58 and slope erosion at PM 4.65. The slide brought rocks, mud, and debris onto the roadway, and the slope erosion resulted in a Corrugated Steel Pipe (CSP) that was damaged. This project will remove the landslide and loose material, reconstruct the slope, and place railing along the slope, and replace the damaged CSP.					

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.
23 12-Ora-57 18.0/19.5 3816 1224000108 0V230	In Fullerton, from 0.3 mile south of Yorba Linda Boulevard to 0.2 mile north of Rolling Hills Drive. Repair damaged concrete barrier. <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 \$262 \$0 \$874 \$1,136	23-24 23-24
<p><u>Note:</u> On March 25, 2024, an errant vehicle hit and damaged a concrete barrier, damaging the barrier. This project will replace 250 linear feet of concrete barrier and replace striping where necessary. Abatement is being sought from the responsible party.</p>					
Mandates					
24 04-Sol-80 12.6/20.5 2026G 0418000049 0Q190	In and near Fairfield, from 0.2 mile west of Green Valley Road to 0.5 mile west of North Texas Street, at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture. PA&ED: N/A R/W: 7/15/2025 RTL: 7/30/2025 BC: 1/9/2026 <u>Performance Measure</u> 43.6 Acre(s) treated/pollutant Concurrent COS allocation under Resolution FP-24-09; August 2024.	25-26	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$650 \$24 \$2,484 \$8 \$5,383 \$8,549	24-25 24-25 25-26 25-26 25-26

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 04-SF-80 5.7R/7.7R 2927G 0420000180 0W140	In the City and County of San Francisco, at San Francisco-Oakland Bay Bridge, West Span (Bridge No. 34-0003). Repair fender system. (Additional Contribution: \$2,000,000 PA&ED, \$3,984,000 PS&E Sup, \$16,000 R/W Sup, \$8,000,000 Const Sup, and \$13,000,000 Con Cap from Bay Area Toll Authority (BATA).)	25-26	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$0 \$200 <u>\$117,800</u> \$118,000	201.116 Assembly: 17 Senate: 11 Congress: 11
	PA&ED: 6/2/2024 R/W: 7/2/2025 RTL: 7/24/2025 BC: 1/3/2026				
	<u>Performance Measure</u> 1.0 Bridge(s)				
	SB1 Baseline Agreement Required.				

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	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
Major Damage Restoration					
1 01-DN-101 12.6/13.2 1138 0120000033 OK140	Near Klamath, from Wilson Creek Bridge to 0.6 mile north of Wilson Creek Bridge. Stabilize roadway by constructing a Soldier Pile Ground Anchor (SPGA) wall. (Long Lead Project)	28-29	PA&ED * PS&E * R/W Sup * Con Sup * R/W Cap * <u>Const Cap</u> Total	\$1,444 \$2,407 \$207 \$4,669 \$6,425 <u>\$33,632</u> \$48,784	24-25 26-27 26-27 28-29 28-29 28-29 201.131 Assembly: 2 Senate: 2 Congress: 2
	PA&ED: 7/22/2026 R/W: 6/24/2028 RTL: 7/24/2028 BC: 1/30/2029		* Phase not authorized		
	<u>Performance Measure</u> 1.0 Location(s)				
	Concurrent COS allocation under Resolution FP-24-09; August 2024.				

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	Near Orick, from 0.9 mile south to South Prairie	24-25	PA&ED	\$1,777	Prior	\$1,777	Prior
01-Hum-101	Creek Park Undercrossing. Improve curves and	201.010	PS&E	\$1,928	Prior	\$1,928	Prior
125.20/R126.09	roadway cross slope, widen shoulders, and improve		R/W Sup	\$224	Prior	\$224	Prior
2536	drainage.		Con Sup	\$800	24-25	\$2,826	24-25
0120000035			R/W Cap	\$2,826	24-25	\$800	24-25
0K150	<u>Performance Measure</u>		<u>Const Cap</u>	\$5,663	24-25	\$5,663	24-25
	0.56 Annual fatal and serious injury collision(s)		Total	\$13,218		\$13,218	

Note: Correct the R/W capital and construction support amounts that erroneously were switched in a previous amendment.

2	Near Hopland, from Hopland Overhead to Mountain	25-26	PA&ED	\$1,898	Prior	\$1,898	Prior
01-Men-101	House Road. Widen shoulders and add left-turn	201.010	PS&E	\$1,394	23-24	\$1,394	23-24
R9.5/10.8	lanes and a merge lane.		R/W Sup	\$380	23-24	\$380	23-24
4763			Con Sup	\$2,274	25-26	\$3,786	25-26
0121000072	<u>Performance Measure</u>		R/W Cap	\$3,197	25-26	\$41	25-26
0L110	0.43 Annual fatal and serious injury collision(s)		<u>Const Cap</u>	\$10,105	25-26	\$21,615	25-26
			Total	\$19,245		\$29,114	
	Concurrent allocation time extension for PS&E and R/W Sup under Waiver 24-125; August 2024.						

Note: The design strategy for widening has changed from widening on both sides of roadway to widening only on one side. This will reduce impacts to wetlands, tribal cultural resources, flood plain, perennial stream, right of way acquisitions, and utility relocations. However, this alternative will require the construction of retaining walls which resulted in increase in construction capital and support costs, but reduction in R/W capital cost.

(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	In and near Fairfield and Vacaville, from 1.5 miles	23-24	PA&ED	\$1,276	Prior	\$1,276	Prior
04-Sol-80	east of Suisun Valley Road/Pittman Road to 0.8 mile	201.121	PS&E	\$1,456	Prior	\$1,456	Prior
15.0/30.7	east of Leisure Town Road/Vaca Valley Parkway.		R/W Sup	\$29	Prior	\$29	Prior
1494F	Rehabilitate pavement, upgrade facilities to		Con Sup	\$0		\$4,064	23-24
0416000112	Americans with Disabilities Act (ADA) standards, and		R/W Cap	\$25	23-24	\$25	23-24
OK640	upgrade guardrail and Transportation Management		<u>Const Cap</u>	\$0		\$25,043	23-24
	System (TMS) elements.		Total	\$2,786		\$31,893	
	(G13 Contingency)						

Performance Measure

~~28.0 Lane mile(s)~~

0.0 Lane mile(s)

Concurrent CONST and CON ENG allocation under Resolution FP-24-08; August 2024.

Note: Update performance because paving is limited to onramp and offramp lane miles which have no performance measure and had been incorrectly counted similar to mainline lane miles. Fully program unfunded phases of this previous G13 Contingency project.

4	Near Prunedale, from 0.4 mile north of Crazy Horse Canyon Road to 1.1 miles south of San Juan Road.	23-24	PA&ED	\$1,000	Prior	\$1,000	Prior
05-Mon-101		201.154	PS&E	\$1,606	Prior	\$1,606	Prior
98.8/100.3	Rehabilitate drainage culverts.	201.407	R/W Sup	\$875	Prior	\$875	Prior
2679X			Con Sup	\$1,809	23-24	\$1,809	23-24
0521000065	<u>Performance Measure</u>		R/W Cap	\$521	23-24	\$521	23-24
1H691	35.0 Culvert(s) (ea)		<u>Const Cap</u>	\$5,100	23-24	\$5,017	23-24
			Total	\$10,911		\$10,828	

Concurrent CONST and CON ENG allocation under Resolution FP-24-02; August 2024.

Note: Split 5 year biological monitoring work into project EA 1H692/PPNO 05-2679M from parent project EA 1H691/PPNO 05-2679X. Update to program code and removed performance table since the program code eligibility has been verified.

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	Near Prunedale, from 0.4 mile north of Crazy Horse Canyon Road to 1.1 miles south of San Juan Road. Biological monitoring for drainage project EA 1H691.	26-27	PA&ED	\$0
05-Mon-101		201.407	PS&E	\$0
98.8/100.3			R/W Sup	\$0
2679M			Con Sup	\$68 26-27
0524000171			R/W Cap	\$15 26-27
1H692	<u>Performance Measure</u> 0.0 Culvert(s) (ea)		<u>Const Cap</u>	<u>\$0</u>
			Total	\$83

Note: Split 5 year biological monitoring work into project EA 1H692/PPNO 05-2679M from parent project EA 1H691/PPNO 05-2679X.

6	Near King City, from Jolon Road to Lagomarsino Avenue. Biological monitoring for pavement project EA 1K440.	26-27	PA&ED	\$0
05-Mon-101		201.121	PS&E	\$0
R41.9R/49.8			R/W Sup	\$0
2900X			Con Sup	\$50 26-27
0524000211			R/W Cap	\$15 26-27
1K442	<u>Performance Measure</u> 0.0 Lane mile(s)		<u>Const Cap</u>	<u>\$0</u>
			Total	\$65

Note: Split 5 year biological monitoring work into project EA 1K442/PPNO 05-2900X from parent project EA 1K440/PPNO 05-2900.

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)				
7 05-Mon-101 R41.9R41.9R /49.8 2900 0518000208 1K440	Near King City, from Jolon Road to Lagomarsino Avenue. Rehabilitate pavement, drainage systems, and lighting, and install Transportation Management System (TMS) elements. (G13 Contingency)	23-24 201.121	PA&ED PS&E R/W Sup * Con Sup R/W Cap * <u>Const Cap</u> Total	\$1,151 \$2,021 \$224 \$4,157 \$156 \$27,636 \$35,345	Prior Prior Prior 23-24 23-24 23-24	\$1,151 \$2,021 \$224 \$4,157 \$156 \$27,571 \$35,280	Prior Prior Prior 23-24 23-24 23-24
<u>Performance Measure</u> 28.0 Lane mile(s)							

* Phase not authorized

Concurrent allocation time extension for Const Cap and Con Sup under Waiver 24-125; August 2024.

Note: Update postmile for addition of postmile back suffix. Split 5 year biological monitoring work into project EA 1K442/PPNO 05-2900X from parent project EA 1K440/PPNO 05-2900.

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	1.0	27.0	0.0	28.0
Post Condition	Lane mile(s)	28.0	0.0	0.0	28.0

8 05-SB-101 R52.3/R56.1 2902 0518000209 1K450	Near Buellton, from Old Coast Highway to 0.4 mile south of Santa Rosa Road Overcrossing. Rehabilitate pavement and drainage systems. (G13 Contingency)	23-24 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,312 \$1,963 \$189 \$0 \$188 \$0 \$3,652	Prior Prior Prior 23-24 23-24 23-24	\$1,312 \$1,963 \$189 \$2,388 \$188 \$15,773 \$21,813	Prior Prior Prior 23-24 23-24 23-24
<u>Performance Measure</u> 14.4 Lane mile(s)							

Concurrent CONST and CON ENG allocation under Resolution FP-24-08; August 2024.

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

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	1.2	13.2	0.0	14.4
Post Condition	Lane mile(s)	14.4	0.0	0.0	14.4

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	Near Santa Margarita, from I Street to Route 229.	23-24	PA&ED	\$1,622	Prior	\$1,622	Prior
05-SLO-58	Rehabilitate pavement and drainage, replace sign	201.121	PS&E	\$2,253	Prior	\$2,253	Prior
1.8/6.9	panels, and install Transportation Management		R/W Sup	\$968	Prior	\$968	Prior
2845	System (TMS) elements.		Con Sup	\$2,103	23-24	\$2,103	23-24
0518000095			R/W Cap	\$856	23-24	\$856	23-24
1J970	<u>Performance Measure</u>		<u>Const Cap</u>	<u>\$7,817</u>	23-24	<u>\$7,762</u>	23-24
	11.7 Lane mile(s)		Total	\$15,619		\$15,564	

Concurrent CONST and CON ENG allocation under
Resolution FP-24-08; August 2024.

Note: Split 5 year biological monitoring work into project EA 1J972/PPNO 05-2845X from parent project EA 1J970/PPNO 05-2845.

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.0	3.5	8.2	11.7
Post Condition	Lane mile(s)	11.7	0.0	0.0	11.7

10	Near Santa Margarita, from I Street to Route 229.	27-28	PA&ED	\$0			
05-SLO-58	Biological monitoring for pavement project EA	201.121	PS&E	\$0			
1.8/7.2	1J970.		R/W Sup	\$0			
2845X			Con Sup	\$40			27-28
0524000230	<u>Performance Measure</u>		R/W Cap	\$15			27-28
1J972	0.0 Lane mile(s)		<u>Const Cap</u>	\$0			
			Total	\$55			

Note: Split 5 year biological monitoring work into project EA 1J972/PPNO 05-2845X from parent project EA 1J970/PPNO 05-2845.

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 05-SLO-101 7.8/16.5 2778X 0524000146 1J861	In and near Pismo Beach, Arroyo Grande, and Nipomo, from Los Berros Road to 0.1 mile south of Hinds Avenue Overcrossing. Biological monitoring for pavement project EA 1J860.	27-28 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$85 \$15 <u>\$0</u> \$100
	<u>Performance Measure</u> 0.0 Lane mile(s)			27-28 27-28

Note: Split 5 year biological monitoring work into project EA 1J861/PPNO 05-2778X from parent project EA 1J860/PPNO 05-2778.

12 05-SLO-101 7.8/16.5 2778 0518000081 1J860	In and near Pismo Beach, Arroyo Grande, and Nipomo, from Los Barros Berros Road to 0.1 mile south of Hinds Avenue Overcrossing. Rehabilitate pavement, drainage systems, enhance highway worker safety, designate bikeways with pavement delineation, add bike lanes and curb ramps, and install Transportation Management System (TMS) elements. (G13 Contingency)	23-24 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,610 \$3,209 \$655 \$0 \$206 <u>\$0</u> \$5,680	Prior Prior Prior 23-24 23-24 23-24 23-24	\$1,610 \$3,209 \$655 \$4,426 \$206 \$34,632 \$44,738	Prior Prior Prior 23-24 23-24 23-24 23-24
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Performance Measure
34.7 Lane mile(s)

Concurrent CONST and CON ENG allocation under Resolution FP-24-08; August 2024.

Note: Update description to correct misspelling. Fully program unfunded phases of this previous G13 Contingency project. Split 5 year biological monitoring work into project EA 1J861/PPNO 05-2778X from parent project EA 1J860/PPNO 05-2778.

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	2.2	32.5	0.0	34.7
Post Condition	Lane mile(s)	34.7	0.0	0.0	34.7

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)			
13	Near Taft, from 0.9 mile south of Henry Road to	23-24	PA&ED	\$1,700	Prior	\$1,700	Prior
06-Ker-33	north of Cymric Road (north) at various locations.	201.151	PS&E	\$1,600	Prior	\$1,600	Prior
21.8/39.8	Rehabilitate drainage systems.		R/W Sup	\$1,500	Prior	\$1,500	Prior
6894			Con Sup	\$1,500	23-24	\$1,500	23-24
0618000043	Performance Measure		R/W Cap	\$1,090	23-24	\$1,090	23-24
0X240	40.0 Culvert(s) (ea)		Const Cap	\$4,500	23-24	\$3,562	23-24
			Total	\$11,890		\$10,952	

Concurrent allocation time extension for Const Cap
and Con Sup under Waiver 24-125; August 2024.

Note: Split Incidental Take Permit funding assurance into project EA 0X241/PPNO 06-8121 from parent project EA 0X240/PPNO 06-6894.

Performance Measure: Culverts					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet	39.5	535.0	1,923.9	2,498.4
Post Condition	Linear feet	2,459.9	0.0	0.0	2,459.9

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)
14 06-Ker-33 21.8/39.8 8121 0624000281 0X241	Near Taft, from 0.9 mile south of Henry Road to north of Cymric Road (north) at various locations. Environmental mitigation funding assurance for drainage project EA 0X240. <u>Performance Measure</u> 0.0 Culvert(s) (ea)	27-28 201.151	PA&ED \$0 PS&E \$0 R/W Sup \$75 25-26 Con Sup \$0 R/W Cap \$863 27-28 <u>Const Cap</u> \$0 Total \$938

Note: Split Incidental Take Permit funding assurance into project EA 0X241/PPNO 06-8121 from parent project EA 0X240/PPNO 06-6894.

15 08-Riv-15 30.0/33.0 3017J 0820000161 1L820	Near Temescal Valley, from south of Indian Truck Trail to south of Temescal Canyon Road. Rehabilitate drainage systems and construct stormwater Best Management Practices (BMPs) to meet requirements of National Pollutant Discharge Elimination System (NPDES) permit. <u>Performance Measure</u> 14.0 Culvert(s) (ea) 9.0 Culvert(s) (ea)	25-26 201.151	PA&ED \$1,203 Prior PS&E \$1,265 23-24 R/W Sup \$384 23-24 Con Sup \$1,232 25-26 R/W Cap \$374 25-26 <u>Const Cap</u> \$3,824 25-26 Total \$8,282	Prior \$1,203 23-24 \$1,265 23-24 \$384 25-26 \$1,232 25-26 \$293 25-26 \$6,391	Prior 23-24 23-24 25-26 25-26 25-26
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Concurrent allocation time extension for PS&E and R/W Sup under Waiver 24-125; August 2024.

Note: Decrease performance due to field verifications and scope refinement. Increase construction capital to provide the new culvert rehabilitation strategy. Decrease R/W capital due to decreased performance and reduction in need for drainage easements.

Performance Measure: Culverts					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet	143.0	477.0	980.0	1,600.0
Post Condition	Linear feet	1,600.0	0.0	0.0	1,600.0

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)			
16	In and near Barstow, from Route 15 to 3.4 miles	23-24	PA&ED	\$1,132	Prior	\$1,132	Prior
08-SBd-40	west of National Trails Highway; also on Main Street	201.121	PS&E	\$1,400	Prior	\$1,400	Prior
0.0/R15.0	spur (PM S0.0/S0.8). Pavement rehabilitation,		R/W Sup	\$756	Prior	\$756	Prior
3012K	upgrade signs and lighting, upgrade curb ramps to		Con Sup	\$0	23-24	\$3,686	23-24
0818000099	Americans with Disabilities Act (ADA) standards, and		R/W Cap	\$364	23-24	\$364	23-24
1J720	upgrade safety devices.		<u>Const Cap</u>	<u>\$0</u>	23-24	<u>\$40,833</u>	23-24
	(G13 Contingency)		Total	\$3,652		\$48,171	

Performance Measure

60.8 Lane mile(s)

Concurrent CONST and CON ENG allocation under
Resolution FP-24-08; August 2024.

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

Performance Measure: Pavement

	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.0	60.8	0.0	60.8
Post Condition	Lane mile(s)	60.8	0.0	0.0	60.8

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	Near Big Pine, from 1.3 miles south of Fish Springs	23-24	PA&ED	\$1,378	Prior	\$1,378	Prior
09-INY-395	Road (south) to Route 168 (east). Rehabilitate	201.121	PS&E	\$892	Prior	\$892	Prior
91.6/100.8	pavement, install Transportation Management	201.120	R/W Sup	\$1,224	Prior	\$1,224	Prior
2667	System (TMS) elements, complete streets		Con Sup	\$0	23-24	\$2,680	23-24
0919000005	improvements, and upgrade lighting, guardrail, and		R/W Cap	\$96	23-24	\$96	23-24
37910	facilities to Americans with Disabilities Act (ADA)		<u>Const Cap</u>	<u>\$0</u>	23-24	\$35,603	23-24
	standards.		Total	\$3,590		\$41,873	

(G13 Contingency)

Performance Measure

37.3 Lane mile(s)

Concurrent allocation time extension for Const Cap and Con Sup under Waiver 24-125; August 2024.

Concurrent CONST and CON ENG allocation under Resolution FP-24-08; August 2024.

Note: Technical correction to program code to correct error reported in the 2020 SHOPP. Fully program previously unfunded phases of this G13 Contingency project.

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

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)			
18 10-Alp-4 R2.1/30.4 3511 1020000171 1L660	Near Bear Valley, from east of Bear Valley Road to 1.2 miles west of Route 89 at various locations; also on Route 207 from 0.4 mile to 1.2 miles north of Route 4 (PM 0.38/1.19) at various locations. Rehabilitate drainage systems.	25-26 26-27 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,101 \$1,184 \$588 \$1,279 \$3,259 \$9,391 \$16,802	Prior 24-25 24-25 25-26 25-26 25-26 25-26	\$1,101 \$1,184 \$588 \$1,323 \$2,736 \$9,716 \$16,648	Prior 24-25 24-25 26-27 26-27 26-27 26-27
	<u>Performance Measure</u> 34.0 Culvert(s) (ea)						

Note: Update the delivery year, construction support, R/W capital, and construction capital due to scope refinement. Four culverts are now outside the existing right of way that need a permanent easement from US Forest Service. Construction cost adjusted for escalation from new delivery year.

Performance Measure: Culverts					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet	0.0	953.2	239.4	1,192.6
Post Condition	Linear feet	1,192.6	0.0	0.0	1,192.6

19 10-Ama-88 R54.7/R60.8 2680 1012000002 0K130	Near Kirkwood, from west of Foster Meadow Road to 1.1 miles east of Shot Rock Vista Point. Rehabilitate drainage systems and pave driveways. (G13 Contingency)	23-24 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,653 \$2,035 \$390 \$0 \$100 \$0 \$4,178	Prior Prior Prior 23-24 23-24 23-24	\$1,653 \$2,035 \$390 \$1,850 \$100 \$3,811 \$9,839	Prior Prior Prior 23-24 23-24 23-24
	<u>Performance Measure</u> 13.0 Culvert(s) (ea)						

Concurrent CONST and CON ENG allocation under Resolution FP-24-08; August 2024.

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

Performance Measure: Culverts					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet	0.0	129.5	710.5	840.0
Post Condition	Linear feet	840.0	0.0	0.0	840.0

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)			
20	In Stockton, at the Stockton Channel Viaduct Bridge	26-27	PA&ED	\$0	\$0	
10-SJ-5	No. 29-0176R-, from Route 4 West to Mount	201.110	PS&E	\$0	\$0	
26.1/26.5	Diablo Avenue. Bridge rehabilitation replacement		R/W Sup	\$1,100	26-27	\$1,100 26-27
25.6/28.0	to address lightweight concrete deck		Con Sup	\$8,000	26-27	\$8,000 26-27
3133B	deterioration, superstructure deficiencies		R/W Cap	\$0		\$0
1020000077	structural and load carrying capacity deficiencies,		<u>Const Cap</u>	<u>\$315,900</u>	26-27	<u>\$315,900</u> 26-27
0X462	and West Fremont Street/North Pershing Avenue		Total	\$325,000		\$325,000
	interchange modifications including Park Street					
	Undercrossing No. 29-0202S demolition. This is a					
	Design-Build project Construction					
	Manager/General Contractor (CMGC) project.					

Performance Measure

1.0 Bridge(s)

2.0 Bridge(s)

Concurrent SB 1 Baseline Agreement approved
under Resolution SHOPP-P-2425-01B; August 2024.

Note: Update postmile limits for bridge alignment shift away from residential and business areas and for Pershing Avenue interchange work. Update project description, scope, performance, and contract delivery method. Bridge and shoulder widening needed to accommodate traffic staging and to avoid lane closures for maintenance vehicles performing inspections. Park Street Undercrossing No. 29-0202S will be demolished as part of Pershing Avenue work.

Performance Measure: Bridge(s)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	0.0	2,992.0	272,208.0	275,200.0
Post Condition	Square feet	311,466.0	0.0	0.0	311,466.0

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)				
21	In Newport Beach, Costa Mesa, Santa Ana, Tustin,	23-24	PA&ED	\$5,000	Prior	\$5,000	Prior
12-Ora-55	Orange, and Anaheim, from Route 1 to Route 91.	201.121	PS&E	\$7,900	Prior	\$7,900	Prior
0.2/R17.8	Rehabilitate pavement, rehabilitate drainage,		R/W Sup	\$0		\$0	
3402B	upgrade lighting, rehabilitate bridge rail, rehabilitate		Con Sup	\$0	23-24	\$9,320	23-24
1218000078	landscaping, upgrade Transportation Management		R/W Cap	\$36	23-24	\$36	23-24
0R320	System (TMS) elements, add bike and pedestrian		<u>Const Cap</u>	<u>\$0</u>	23-24	<u>\$93,490</u>	23-24
	improvements as complete streets elements, and		Total	\$12,936		\$115,746	
	improve highway worker safety.						
	(G13 Contingency)						

Performance Measure

68.2 Lane mile(s)

Concurrent CONST and CON ENG allocation under
Resolution FP-24-08; August 2024.

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

Performance Measure: Pavement

	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	37.0	31.1	0.1	68.2
Post Condition	Lane mile(s)	68.2	0.0	0.0	68.2

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)					
22	In and near Anaheim, from La Palma Avenue to	23-24	PA&ED	\$2,070	Prior	\$2,070	Prior	
12-Ora-91	Route 55. Rehabilitate pavement, rehabilitate	201.121	PS&E	\$2,660	Prior	\$2,660	Prior	
6.4/R9.2	culverts, upgrade lighting, upgrade Transportation		R/W Sup	\$20	Prior	\$20	Prior	
4506H	Management System (TMS) elements and make		Con Sup	\$0	23-24	\$3,590	23-24	
1220000025	highway worker safety improvements.		R/W Cap	\$9	23-24	\$9	23-24	
0R313	(G13 Contingency)		<u>Const Cap</u>	<u>\$0</u>	23-24	<u>\$37,060</u>	23-24	
			Total	\$4,759		\$45,409		

Performance Measure

17.3 Lane mile(s)

Concurrent CONST and CON ENG allocation under
Resolution FP-24-08; August 2024.

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

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.0	17.0	0.3	17.3
Post Condition	Lane mile(s)	17.3	0.0	0.0	17.3

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)			
23	In La Palma, Buena Park, Anaheim, and Fullerton,	23-24	PA&ED	\$2,150	Prior	\$2,150	Prior
12-Ora-91	from the Los Angeles County line to Acacia Street;	201.121	PS&E	\$3,560	Prior	\$3,560	Prior
R0.0/4.8	also in Los Angeles County in the city of Los Angeles		R/W Sup	\$474	Prior	\$474	Prior
4506F	from 0.1 mile east of Carmenita Road to the Orange		Con Sup	\$0	23-24	\$4,320	23-24
1220000021	County line (PM R20.6/R20.7). Rehabilitate		R/W Cap	\$264	23-24	\$264	23-24
0R311	pavement, rehabilitate culverts, upgrade lighting,		<u>Const Cap</u>	<u>\$0</u>	23-24	<u>\$39,360</u>	23-24
	upgrade Transportation Management System (TMS)		Total	\$6,448		\$50,128	
	elements and make highway worker safety						
	improvements.						

~~(G13 Contingency)~~

Performance Measure

51.2 Lane mile(s)

Concurrent CONST and CON ENG allocation under
Resolution FP-24-08; August 2024.

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

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	1.1	49.2	0.9	51.2
Post Condition	Lane mile(s)	51.2	0.0	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)				
24 12-Ora-91 R10.8/R18.9 4506J 1220000027 0R315	In Anaheim, from 0.7 mile west of Route 90 to Riverside County line (PM 18.905). Upgrade Transportation Management System (TMS) elements, rehabilitate culverts, upgrade lighting, and make highway worker safety improvements. (G13 Contingency)	23-24 201.315	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$750 \$1,080 \$20 \$0 \$668 \$0 \$2,518	Prior Prior Prior 23-24 23-24 23-24 23-24	\$750 \$1,080 \$20 \$1,160 \$668 \$11,710 \$15,388	Prior Prior Prior 23-24 23-24 23-24 23-24

Performance Measure

78.0 Field element(s)

Concurrent CONST and CON ENG allocation under Resolution FP-24-08; August 2024.

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

Performance Measure: TMS Elements				
	<u>Unit</u>	<u>Good (Operational)</u>	<u>Poor (Not Operational)</u>	<u>Quantity</u>
Existing Condition	Field element(s)	0.0%	100.0%	52.0
Post Condition	Field element(s)	100.0%	0.0%	78.0

25 12-Ora-91 R9.2/R10.8 4506I 1220000026 0R314	In Anaheim, from Route 55 to 0.7 mile west of Route 90. Upgrade Transportation Management System (TMS) elements, upgrade lighting, and make highway worker safety improvements. (G13 Contingency)	23-24 201.315	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$430 \$550 \$20 \$0 \$4 \$0 \$1,004	Prior Prior Prior 23-24 23-24 23-24 23-24	\$430 \$550 \$20 \$490 \$4 \$5,530 \$7,024	Prior Prior Prior 23-24 23-24 23-24 23-24
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Performance Measure

14.0 Field element(s)

Concurrent CONST and CON ENG allocation under Resolution FP-24-08; August 2024.

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

Performance Measure: TMS Elements				
	<u>Unit</u>	<u>Good (Operational)</u>	<u>Poor (Not Operational)</u>	<u>Quantity</u>
Existing Condition	Field element(s)	0.0%	100.0%	14.0
Post Condition	Field element(s)	100.0%	0.0%	14.0

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)				
26	In Huntington Beach, Westminster, Garden Grove,	23-24	PA&ED	\$3,146	Prior	\$3,146	Prior
12-Ora-405	and Seal Beach, from south of McFadden Avenue to	201.121	PS&E	\$5,016	Prior	\$5,016	Prior
16.9/24.2	the Los Angeles County line. Rehabilitate pavement,		R/W Sup	\$21	Prior	\$21	Prior
5094C	improve highway worker safety, rehabilitate		Con Sup	\$0	23-24	\$6,450	23-24
1218000120	landscaping, and install a Weigh-In-Motion (WIM)		R/W Cap	\$0		\$0	
0R570	system.		<u>Const Cap</u>	\$0	23-24	<u>\$49,367</u>	23-24
	(G13 Contingency)		Total	\$8,183		\$64,000	

Performance Measure

79.8 Lane mile(s)

Concurrent CONST and CON ENG allocation under Resolution FP-24-08; August 2024.

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

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.0	79.0	0.8	79.8
Post Condition	Lane mile(s)	79.8	0.0	0.0	79.8

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
01-Men-1
75.00/77.00
4794
0122000133
0M290

Near Westport, from 2.1 miles south to 0.1 mile
south of Pacific Avenue. Construct retaining walls,
install dewatering system, place rock slope
protection, and improve drainage.
(Long Lead Project)

31-32
201.134

PA&ED	\$6,295	Prior
PS&E	\$5,148	24-25
R/W Sup	\$694	24-25
Con Sup	\$1,938	31-32
R/W Cap	\$30,514	31-32
Const Cap	\$417,110	31-32
Total	\$461,699	

Performance Measure
1.0 Location(s)

Note: Delete project. After the winter storms of 2022-23, an emergency project (EA 0N440/PPNO 01-4845) was initiated within the limits of this project to stabilize roadway. When the emergency project gets constructed by the end of December 2025, the scope will be reassessed for long-term roadway stabilization and a new project will be initiated.