

MEMORANDUM

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: October 17-18, 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-005**

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-005?

RECOMMENDATION:

The Department recommends that the Commission approve SHOPP Amendment 24H-005 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 28 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	9	\$0	\$0	\$5,870	\$61,537	\$11,652
Major Damage Restoration	19	\$2,652	\$36,498	\$0	\$0	\$0
Total New Amendments	28	\$2,652	\$36,498	\$5,870	\$61,537	\$11,652

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

The Department recommends four additional new capital projects 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	4	\$0	\$0	\$17,010	\$0	\$30,998
Total New Amendments	4	\$0	\$0	\$17,010	\$0	\$30,998

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 03-Nev-49 17.4/17.95 4146 0323000286 4J890	Near Nevada City, from 0.4 mile north of Old Downieville Highway to Crooked Arrow Lane. Widen shoulders, rehabilitate drainage systems, and upgrade signs and lighting. PA&ED: 5/1/2026 R/W: 4/23/2027 RTL: 5/7/2027 BC: 11/5/2027 <u>Performance Measure</u> 0.10 Annual fatal and serious injury collision(s) Concurrent COS allocation under Resolution FP-24-28; October 2024.	26-27	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$990 \$1,440 \$320 \$1,190 \$625 \$4,100 \$8,665	24-25 25-26 25-26 26-27 26-27 26-27 26-27
					201.010 Assembly: 1 Senate: 1 Congress: 3
2 03-Sac-51 6.9/7.7 6419 0324000117 0N450	In the city of Sacramento, from 0.1 mile north of Fulton Avenue to Auburn Boulevard Ramp Overcrossing. Construct outer separation concrete barrier and chain link fence, upgrade overhead signs, and rehabilitate drainage systems. PA&ED: 9/5/2025 R/W: 6/26/2026 RTL: 7/10/2026 BC: 11/13/2026 <u>Performance Measure</u> 0.16 Annual fatal and serious injury collision(s) Concurrent COS allocation under Resolution FP-24-28; October 2024.	26-27	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,060 \$1,600 \$60 \$1,570 \$5 \$6,340 \$10,635	24-25 25-26 25-26 26-27 26-27 26-27 26-27
					201.010 Assembly: 6 Senate: 8 Congress: 6

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-Yol-16 21.2/21.9 8679 0323000285 4J880	Near Cadenasso, from 0.3 mile east of County Road 79 to 0.2 mile west of County Road 81. Construct 4-foot shoulders, rumble strips, and retaining wall, rehabilitate drainage systems, and upgrade signs and guardrail.	26-27	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,150 \$1,310 \$280 \$1,770 \$115 <u>\$4,900</u> \$9,525	24-25 25-26 25-26 26-27 26-27 26-27	201.010 Assembly: 4 Senate: 3 Congress: 4
	PA&ED: 3/31/2026 R/W: 3/19/2027 RTL: 3/31/2027 BC: 10/6/2027					
	<u>Performance Measure</u> 0.23 Annual fatal and serious injury collision(s)					
	Concurrent COS allocation under Resolution FP-24-28; October 2024.					
4 07-LA-5 42.8/R43.6 6127 0723000251 39580	In the city of Los Angeles, near San Fernando, from 0.2 mile north of Roxford Street Undercrossing to 0.2 mile south of San Fernando Road Overhead. Install High Friction Surface Treatment (HFST) and guardrail, and improve drainage system.	25-26	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$590 \$1,180 \$17 \$1,120 \$52 <u>\$2,911</u> \$5,870	24-25 24-25 24-25 25-26 25-26 25-26	201.010 Assembly: 40, 43 Senate: 20, 27 Congress: 27, 29
	PA&ED: 3/3/2025 R/W: 3/2/2026 RTL: 3/30/2026 BC: 11/23/2026					
	<u>Performance Measure</u> 1.20 Annual fatal and serious injury collision(s)					
	Concurrent COS allocation under Resolution FP-24-28; October 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 07-LA-110 0.744/R0.911 6126 0723000250 39550	In the city of Los Angeles, near San Pedro, from beginning of northbound Route 110 to Route 47 Separation; also near Downtown Los Angeles on southbound Route 110 Connector to westbound Route 10 (PM 21.617). Install High Friction Surface Treatment (HFST), treat bridge deck with methacrylate, upgrade guardrail, and place vegetation control.	26-27	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$673 \$1,343 \$18 \$1,194 \$3 <u>\$3,141</u> \$6,372	24-25 25-26 25-26 26-27 26-27 26-27 26-27
	201.010 Assembly: 54, 65, 66 Senate: 28, 35 Congress: 34, 44				
	PA&ED: 10/25/2025 R/W: 9/29/2026 RTL: 10/30/2026 BC: 8/29/2027				
	<u>Performance Measure</u> 0.07 Annual fatal and serious injury collision(s)				
	Concurrent COS allocation under Resolution FP-24-28; October 2024.				
6 08-Riv-10 11.7/R12.0 3023J 0825000019 1P76U	In and near Banning and Cabazon, from 0.0 to 0.3 mile west of 22nd Street; also from 0.1 to 1.6 miles west of Main Street (R17.8/R19.3); also from 1.6 to 2.1 miles east of Main Street (R21.0/R21.5). Install cable barrier and upgrade guardrail.	26-27	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,326 \$1,488 \$144 \$1,027 \$68 <u>\$4,102</u> \$8,155	24-25 25-26 25-26 26-27 26-27 26-27 26-27
	201.010 Assembly: 47 Senate: 19 Congress: 25				
	PA&ED: 9/2/2025 R/W: 7/3/2026 RTL: 8/3/2026 BC: 1/15/2027				
	<u>Performance Measure</u> 0.75 Annual fatal and serious injury collision(s)				
	Concurrent COS allocation under Resolution FP-24-28; October 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.
7 08-Riv-15 40.3/41.3 3023M 0824000139 1P790	In and near Corona, from Magnolia Avenue to Route 91 connector ramps. Construct auxiliary lane in the northbound direction. PA&ED: 1/6/2026 R/W: 1/6/2027 RTL: 1/11/2027 BC: 6/17/2027	26-27	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,380 \$1,639 \$81 \$1,924 \$40 <u>\$5,620</u> \$10,684	24-25 25-26 25-26 26-27 26-27 26-27 26-27 201.010 Assembly: 58 Senate: 31 Congress: 41
<u>Performance Measure</u> 0.90 Annual fatal and serious injury collision(s) Concurrent COS allocation under Resolution FP-24-28; October 2024.					
8 08-SBd-10 26.3/28.0 3024E 0824000175 0N000	In Loma Linda and Redlands, from Tippecanoe Avenue to 0.3 mile west of California Street. Install guardrail along eastbound right shoulder. PA&ED: 12/3/2025 R/W: 1/8/2027 RTL: 2/1/2027 BC: 7/6/2027	26-27	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$868 \$1,309 \$83 \$1,050 \$26 <u>\$4,165</u> \$7,501	24-25 25-26 25-26 26-27 26-27 26-27 201.010 Assembly: 50 Senate: 19 Congress: 23, 33
<u>Performance Measure</u> 0.90 Annual fatal and serious injury collision(s) Concurrent COS allocation under Resolution FP-24-28; October 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.
9 10-Mer-165 9.632 3642 1022000225 1Q050	In Los Banos, at Willmott Road. Construct roundabout. PA&ED: 1/28/2026 R/W: 12/30/2027 RTL: 1/17/2028 BC: 8/25/2028	27-28	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,409 \$2,279 \$403 \$1,394 \$315 <u>\$5,852</u> \$11,652	24-25 25-26 25-26 27-28 27-28 27-28 27-28
	201.010 Assembly: 27 Senate: 14 Congress: 13				
	<u>Performance Measure</u> 0.35 Annual fatal and serious injury collision(s) Concurrent COS allocation under Resolution FP-24-28; October 2024.				
Major Damage Restoration					
10 01-Hum-299 R2.2 4949 0125000002 0P400	Near Essex, 0.3 mile east of Glendale Drive. Dispose of damaged fill material, secure remaining material, and remove hazard trees. <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 \$10 \$240 \$10 <u>\$800</u> \$1,060	24-25 24-25 24-25 24-25 24-25 24-25
	201.130 Assembly: 2 Senate: 2 Congress: 2				
	<u>Note:</u> On July 2, 2024, state owned light weight fill material caught fire. The fire was extinguished by local firefighters, but the burned material requires cleanup beyond the capabilities of maintenance forces. This project will dispose of the damaged material, secure the remaining material, and remove hazard trees in the area.				

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 01-Men-101 4.35 4926 0124000196 0P210	Near Hopland, at 0.6 mile south of Frog Woman Rock Sidehill Viaduct. Reconstruct and stabilize roadway, repair sinkhole and drainage system, and provide erosion control.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$25 \$360 \$25 <u>\$1,200</u> \$1,610	201.130 Assembly: 2 Senate: 2 Congress: 2
	<u>Performance Measure</u> 1.0 Location(s)				
	<u>Note:</u> On May 13, 2024, the maintenance forces noticed a large pavement depression that continued sinking, resulting in closure of two travel lanes. The field reviews and analysis indicated that the failure was caused by a separated culvert, resulting in voids and a sinkhole. This project will reconstruct and stabilize roadway, repair drainage system, and provide erosion control.				
12 01-Men-101 59.9 4935 0124000213 0P260	Near Laytonville, at Long Valley Creek Bridge No. 10-0180. Replace bridge deck.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$5 \$1,700 \$5 <u>\$6,000</u> \$7,710	201.130 Assembly: 2 Senate: 2 Congress: 2
	<u>Performance Measure</u> 1.0 Location(s)				
	<u>Note:</u> On April 12, 2024, deteriorated reinforcing steel and unsound concrete were observed during grinding operations for a deck overlay project. During investigation, it was found that the amount of unsound concrete represents an imminent risk of lane closure and potential full closure. Thus, a full deck replacement was recommended. This project will replace the bridge deck and restore the bridge to safe operating condition.				

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 02-SIS-96 R48.5 3922 0224000153 1K680	Near Happy Camp, at 4.3 miles east of Gordons Ferry Road. Reconstruct slope, place Rock Slope Protection (RSP), install underdrain, and repair pavement.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$300 \$0 <u>\$1,700</u> \$2,000	201.130 Assembly: 1 Senate: 1 Congress: 1
	<u>Performance Measure</u> 1.0 Location(s)				
	<u>Note:</u> On April 22, 2024, a slip-out occurred along State Route 96. The slip-out was due to excessive moisture and resulted in little to no shoulder along the roadway. This project will reconstruct the slope, place Rock Slope Protection (RSP), install an underdrain, and repair the pavement.				
14 02-Var-Var 3929 0225000010 1K900	In Plumas, Shasta, Tehama, and Butte Counties, at various locations. Remove hazard trees, replace culverts, place erosion control, and replace damaged guardrail and signs.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$810 \$0 <u>\$2,720</u> \$3,530	201.130 Assembly: 3 Senate: 1 Congress: 1
	<u>Performance Measure</u> 6.0 Location(s)				
	<u>Note:</u> On July 24, 2024, the Park Fire began as a result of arson northeast of Chico. The fire has burned nearly 430,000 acres and is still burning. It caused damage to guardrail, signs, and four culverts. The purpose of this project is to provide traffic control, remove hazard trees, replace culverts, place erosion control, and replace damaged guardrail and signs.				

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 03-Pla-80 3.1 5171 0324000343 1N330	In Roseville, at Atlantic Street. Replace failed culvert and repair sinkhole. <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 \$0 \$200 \$0 <u>\$750</u> \$950	24-25 24-25
<p><u>Note:</u> On June 19, 2024, maintenance forces noticed a sinkhole in the eastbound direction. It was determined that the cause of the sinkhole was a damaged culvert. This project will remove and replace the failed culvert and repair the sinkhole.</p>					
16 03-Yub-70 14.38 9834 0324000337 1N320	In Marysville, at 5th Street. Establish detour and provide traffic control. <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 \$0 \$250 \$0 <u>\$1,250</u> \$1,500	24-25 24-25
<p><u>Note:</u> On June 15, 2024, the Hotel Marysville building caught fire and resulted in closure of adjacent Route 70. Due to the structural instability of the building and potential for collapse, the roadway will remain closed until the building is demolished. This project will establish a detour and continued traffic control until demolition is complete.</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.
17 04-SM-1 19.72 2926V 0424000325 1X420	Near San Gregorio, at 0.3 mile north of Stage Road. Repair slope embankment and pavement, add Rock Slope Protection (RSP), and upgrade drainage system.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$20 \$505 \$60 <u>\$1,690</u> \$2,275	24-25 24-25 24-25 24-25
	<u>Performance Measure</u> 3.0 Location(s)				201.130 Assembly: 23 Senate: 13 Congress: 16
	<u>Note:</u> In early March 2024, field personnel reported roadside damage caused by excessive rainfall from recent storms. A follow-up evaluation was performed, identifying embankment failure, cracked and undermined pavement, fallen trees, and a damaged downdrain pipe. This project will repair slope embankment and pavement, add Rock Slope Protection (RSP), and upgrade drainage system.				
18 04-SM-82 9.24 2928E 0425000015 1X960	In the city of San Mateo, on Route 82 Frontage Road at 0.1 mile south of Hillsdale Boulevard. Replace culvert and repair sinkhole.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$15 \$280 \$40 <u>\$560</u> \$895	24-25 24-25 24-25 24-25
	<u>Performance Measure</u> 1.0 Location(s)				201.130 Assembly: 21 Senate: 13 Congress: 15
	<u>Note:</u> On June 18, 2024, San Mateo Public Works provided Caltrans Field Maintenance a report of a sinkhole along the Route 82 Frontage Road. Inspections were performed on June 20 and June 21, 2024 showing the sinkhole was caused by a separated drainage culvert, which was likely caused by a failed City of San Mateo (City) wastewater pipe running beneath the damaged drainage culvert. This project will remove unsuitable material underneath the pavement, replace damaged culvert, inspect wastewater pipe, and reconstruct roadway. If it is determined that the City's wastewater system had caused the damage to the Department's drainage system, the Department will move to recover cost of repair from the City.				

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 04-Son-1 24.65/24.73 2926S 0424000257 1X140	Near Jenner, from 1.6 to 1.7 miles south of Meyers Grade Road. Install drains and repair pavement.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$20 \$570 \$60 <u>\$1,900</u> \$2,550	201.130 Assembly: 2 Senate: 2 Congress: 2
	<u>Performance Measure</u> 1.0 Location(s)				
	<p><u>Note:</u> On February 1, 2024, field personnel identified water bubbling up from beneath the pavement after a late January 2024 storm. A follow-up evaluation was conducted on February 5, identifying visual evidence of a groundwater spring at the base of the fill embankment, causing groundwater to bubble vertically out of pavement holes previously used to mitigate prior drainage issues, groundwater to seep horizontally through a retaining wall, and creating settlement. This project will install drains, repair pavement using high density polyurethane injection, and construct v-ditch.</p>				
20 06-Ker-58 R54.44 8124 0624000313 1G950	Near Bakersfield, at South Union Avenue Pump Plant ID 50-0406W (PM R54.44) and at Washington Street Overcrossing Pump Plant ID 50-0391W (PM R55.96). Remove and replace damaged pump plant components.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$472 \$0 <u>\$1,180</u> \$1,652	201.130 Assembly: 35 Senate: 16 Congress: 22
	<u>Performance Measure</u> 2.0 Location(s)				
	<p><u>Note:</u> On April 17, 2024, an incident occurred at each pump plant. On May 1, 2024, inspections were performed and it was discovered that multiple electrical and mechanical components had been vandalized and stolen. This project will replace damaged pump plant components and install an intrusion alarm system to deter further theft.</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.
21 07-LA-10 R7.8/R9.3 6291 0725000038 2XP80	In the city of Los Angeles, at Robertson Boulevard Undercrossing No. 53-1556 and at Cadillac Ramp Separation (W10-W187) No. 53-1485F. Replace sunken slabs, fill pavement voids, reconstruct shoulder and side slopes, replace damaged culvert, and place hardscape to prevent digging near abutments.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$355 \$0 <u>\$1,720</u> \$2,075	24-25 24-25
					201.130 Assembly: 41 Senate: 25 Congress: 28
<u>Performance Measure</u>					
2.0 Location(s)					
<u>Note:</u> Heavy runoff from winter storms in early March 2024 resulted in development of a sinkhole, culvert damage, and erosion of side slopes and near bridge abutments. This project will replace sunken slabs, fill pavement voids, reconstruct shoulder and side slopes, replace a damaged culvert, and place hardscape to prevent digging near abutments.					
22 07-LA-23 0.0/8.9 6134 0724000347 2XK00	In and near Malibu and Westlake Village, from Route 1 to Ventura County line; also in Thousand Oaks, from Los Angeles County line to Route 101 (PM 0.0/R3.3). Repair eroded slopes, clear debris, repave damaged pavement, construct debris racks, repair drainage systems, and place erosion control.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$50 \$705 \$50 <u>\$2,845</u> \$3,650	24-25 24-25 24-25
					201.130 Assembly: 42 Senate: 24, 27 Congress: 26, 32
<u>Performance Measure</u>					
16.0 Location(s)					
<u>Note:</u> Multiple heavy winter storms of March 2024 saturated the slopes along Route 23. The storms created excessive runoff which eroded and washed out the slopes resulting in rock slides and mud slides. This caused the debris to encroach onto the traveled way and flow into the drainage pipes. This project will repair the eroded slopes, clear debris, repave damaged pavement, construct debris racks, repair 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.
23 07-LA-110 2.7/3.21 6099 0724000044 2XJ70	In the city of Los Angeles, from 0.1 mile south of C Street to 0.1 mile south of Anaheim Street. Repair washed out slopes, reconstruct guardrail, fill voids under pavement, replace damaged dikes, repair damaged perforated pipe, and place erosion control on reconstructed slopes.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$125 \$0 <u>\$615</u> \$740	24-25 24-25
	<u>Performance Measure</u> 2.0 Location(s)				201.130 Assembly: 66 Senate: 35 Congress: 44
	<u>Note:</u> Winter storms in early March 2024 resulted in heavy runoff and saturated slopes. On July 9, 2024, it was discovered that the side slopes and material under the pavement was washed out as a result of the storms. This project will repair the washed out slopes, reconstruct guardrail, fill voids under pavement, replace damaged dikes, repair damaged perforated pipe, and place erosion control on the reconstructed slopes.				
24 07-LA-210 R19.66/R19.74 6135 0724000061 2XK10	In La Canada Flintridge, 0.1 mile east of La Canada Boulevard to 0.1 mile west of Route 2. Remove and replace a portion of one culvert, line the second culvert, and repair sinkhole.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$110 \$0 <u>\$540</u> \$650	24-25 24-25
	<u>Performance Measure</u> 1.0 Location(s)				201.130 Assembly: 41 Senate: 25 Congress: 28
	<u>Note:</u> On July 16, 2024, maintenance discovered a sinkhole at the onramp from Route 2 to westbound Route 210. Further inspection indicated that the two culverts in the adjacent drainage system were damaged and in need of repair. This project will remove and replace a portion of one culvert, line the second culvert, and repair the sinkhole.				

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 09-Mno-395 118.5/119.5 5071 0924000077 40470	Near Topaz Lake, from 1.5 to 2.5 miles north of Route 89. Replace rockfall net. <u>Performance Measure</u> 2.0 Location(s) <u>Note:</u> On June 24, 2024, field maintenance reported fallen rocks onto the highway from above slopes equipped with a rockfall net. Field maintenance crews have history of cleaning developed rock pockets to release buildup from behind the netting. A 2022 geotechnical report identified rock pockets and small tears in the mesh net but no fallen rocks onto the highway at that time. This project will replace the failed rockfall net.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$255 \$0 \$1,746 \$2,001	24-25 24-25 24-25	201.130 Assembly: 8 Senate: 4 Congress: 3
26 10-SJ-120 R3.32 3634 1024000026 1S110	Near Manteca, at Airport Way Overcrossing No. 29-0274 (PM R3.32); also in Stanislaus County, near Turlock and Ceres, on Route 99 at Keyes Road Overhead No. 38-0156Y (PM R7.81) and Hatch Road Overcrossing No. 38-0081Y (PM R13.28). Repair sinkhole, damaged pavement, gutters, eroded embankments, and collapsed guardrail. <u>Performance Measure</u> 3.0 Location(s) <u>Note:</u> Heavy storms in Winter 2024 resulted in excessive rainfall runoff, causing compromised facilities of corner gutters and slope paving, pavement, dike, guard railing, and roadway shoulders. This project will replace damaged concrete gutters and slope paving, dike, and guard railing, repair structural section and sinkhole, and fill voids with cement slurry backfill.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$20 \$0 \$0 \$110 \$0 \$722 \$852	23-24 23-24 23-24	201.130 Assembly: 9, 22 Senate: 4, 5 Congress: 9, 13

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 10-Sta-5 22.99 3664 1024000258 1T430	Near Westley, at Ingram Creek Road Undercrossing No. 38-0125L. Repair bridge deck.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$30 \$0 \$0 \$200 \$0 <u>\$1,420</u> \$1,650	24-25 24-25 24-25
	<u>Performance Measure</u> 1.0 Location(s)				201.130 Assembly: 22 Senate: 4 Congress: 13
	<p><u>Note:</u> On May 20, 2024, a bridge evaluation was performed and the inspector noticed the bridge deck showing signs of imminent failure in that a deck hole was inevitable. Under the bridge, on the deck soffit, multiple locations have interconnecting pattern cracks with heavy efflorescence throughout Bays 2 and 3, in spans 1, 2, and 3. Also there is an 8-inch spall diameter with one exposed rebar in the soffit. This project will replace the deck full-depth between Girders 2 and 4 in Spans 1, 2, and 3.</p>				
28 11-SD-805 2.75 1585 1124000250 43248	In the city of San Diego, at 0.1 mile south of Palm Avenue; also on Route 163, at El Prado (PM 1.44). Backfill sinkholes and replace damaged culverts.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$300 \$0 <u>\$1,500</u> \$1,800	23-24 23-24 23-24
	<u>Performance Measure</u> 2.0 Location(s)				201.130 Assembly: 78, 80 Senate: 18, 39 Congress: 50, 52
	<p><u>Note:</u> In February 2024, storms brought heavy rain. After the storm was over, sinkholes were discovered on northbound Route 805 and southbound Route 163. This project will backfill the sinkholes, replace damaged culverts, and repair irrigation lines.</p>				

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 02-Mod-299 17.95 3928 0224000112 1K460	Near Canby, at Pit River Bridge No. 03-0005. Rehabilitate bridge deck by removing polyester concrete overlay and placing reinforced deck-on- deck overlay with new joint seals, and upgrade bridge rails. PA&ED: 8/1/2025 R/W: 3/16/2026 RTL: 5/25/2026 BC: 11/18/2026 <u>Performance Measure</u> 1.0 Bridge(s) Concurrent COS allocation under Resolution FP-24-28; October 2024.	25-26	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$580 \$380 \$140 \$790 \$140 <u>\$4,070</u> \$6,100	24-25 25-26 25-26 25-26 25-26 25-26 25-26 201.116 Assembly: 1 Senate: 1 Congress: 1																								
<table><tr><td colspan="6">Performance Measure: Bridge(s)</td></tr><tr><td></td><td><u>Unit</u></td><td><u>Good</u></td><td><u>Fair</u></td><td><u>Poor</u></td><td><u>Quantity</u></td></tr><tr><td>Existing Condition</td><td>Square feet</td><td>0.0</td><td>0.0</td><td>10,581.0</td><td>10,581.0</td></tr><tr><td>Post Condition</td><td>Square feet</td><td>10,581.0</td><td>0.0</td><td>0.0</td><td>10,581.0</td></tr></table>						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	0.0	10,581.0	10,581.0	Post Condition	Square feet	10,581.0	0.0	0.0	10,581.0
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	0.0	10,581.0	10,581.0																								
Post Condition	Square feet	10,581.0	0.0	0.0	10,581.0																								

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.																		
2 02-Sis-5 R12.06 3927 0224000154 1K690	Near Mount Shasta, at North Mount Shasta	25-26	PA&ED	\$320	24-25																		
	Separation No. 02-0091K. Rehabilitate bridge deck		PS&E	\$330	25-26																		
	by removing polyester concrete overlay and placing		R/W Sup	\$90	25-26																		
	reinforced deck-on-deck overlay with new joint seals,		Con Sup	\$790	25-26																		
	and upgrade bridge rails.		R/W Cap	\$0																			
			<u>Const Cap</u>	<u>\$4,240</u>	25-26																		
			Total	\$5,770																			
	PA&ED: 8/21/2025																						
	R/W: 3/8/2026																						
	RTL: 5/17/2026																						
	BC: 11/18/2026																						
<u>Performance Measure</u>																							
1.0 Bridge(s)																							
Concurrent COS allocation under Resolution																							
FP-24-28; October 2024.																							
<div> Performance Measure: Bridge(s) <table> <tr> <th></th><th>Unit</th><th>Good</th><th>Fair</th><th>Poor</th><th>Quantity</th></tr> <tr> <td>Existing Condition</td><td>Square feet</td><td>0.0</td><td>10,990.0</td><td>0.0</td><td>10,990.0</td></tr> <tr> <td>Post Condition</td><td>Square feet</td><td>10,990.0</td><td>0.0</td><td>0.0</td><td>10,990.0</td></tr> </table> </div>							Unit	Good	Fair	Poor	Quantity	Existing Condition	Square feet	0.0	10,990.0	0.0	10,990.0	Post Condition	Square feet	10,990.0	0.0	0.0	10,990.0
	Unit	Good	Fair	Poor	Quantity																		
Existing Condition	Square feet	0.0	10,990.0	0.0	10,990.0																		
Post Condition	Square feet	10,990.0	0.0	0.0	10,990.0																		

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.
3 04-Sol-84 2.49 0480D 0413000081 4H060	Near Rio Vista, at Cache Slough Ferry Crossing at Bridge No. 23-0245 (ferry) and Bridge No. 23-0034 (ferry landings). Upgrade fender systems, concrete ramps, and swing gate systems, modify ferry boat deck surface, and install traffic counter and Vehicle Detection Systems (VDS).	27-28	PA&ED	\$0	201.110
			PS&E	\$1,500	24-25
			R/W Sup	\$300	24-25
			Con Sup	\$5,400	27-28
			R/W Cap	\$163	27-28
			Const Cap	\$23,635	27-28
			Total	\$30,998	
			PA&ED: N/A		
			R/W: 9/15/2027		
			RTL: 10/10/2027		
			BC: 4/3/2028		
<u>Performance Measure</u>					
2.0 Bridge(s)					
Concurrent COS allocation under Resolution FP-24-28; October 2024.					
Performance Measure: Bridge(s)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	1,938.0	2,895.0	0.0	4,833.0
Post Condition	Square feet	1,938.0	2,895.0	0.0	4,833.0

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.																		
4 07-Ven-33 18.2/19.0 6360 0724000151 0Y220	Near Ojai, at South Matilija Tunnel No. 52-0068 (PM 18.33), Middle Matilija Tunnel No. 52-0070 (PM 18.81), and North Matilija Tunnel No. 52-0072 (PM 18.85). Place reinforced structural concrete liner over the existing steel panels, replace damaged ribs throughout the tunnels, and repair delaminated concrete at the tunnel entrance.	25-26	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$950 \$10 \$1,505 \$0 <u>\$2,675</u> \$5,140	201.116 Assembly: 38 Senate: 21 Congress: 26																		
PA&ED: 2/15/2024 R/W: 5/12/2025 RTL: 5/30/2025 BC: 1/17/2026 <u>Performance Measure</u> 3.0 Bridge(s) Concurrent COS allocation under Resolution FP-24-28; October 2024.																							
<div> Performance Measure: Bridge(s) <table> <tr> <th></th><th>Unit</th><th>Good</th><th>Fair</th><th>Poor</th><th>Quantity</th></tr> <tr> <td>Existing Condition</td><td>Square feet</td><td>0.0</td><td>0.0</td><td>26,495.0</td><td>26,495.0</td></tr> <tr> <td>Post Condition</td><td>Square feet</td><td>26,495.0</td><td>0.0</td><td>0.0</td><td>26,495.0</td></tr> </table> </div>							Unit	Good	Fair	Poor	Quantity	Existing Condition	Square feet	0.0	0.0	26,495.0	26,495.0	Post Condition	Square feet	26,495.0	0.0	0.0	26,495.0
	Unit	Good	Fair	Poor	Quantity																		
Existing Condition	Square feet	0.0	0.0	26,495.0	26,495.0																		
Post Condition	Square feet	26,495.0	0.0	0.0	26,495.0																		

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)				
1	Near Bridgeville, from Caltrans Maintenance Station	24-25	PA&ED	\$1,473	Prior		
01-Hum-36	to 0.6 mile east of Caltrans Maintenance Station.	201.134	PS&E	\$1,476	Prior		
25.4/26.0	Construct soldier pile ground anchor wall to address		R/W Sup	\$60	Prior		
2488	the slide below the roadway.		Con Sup	\$1,700	24-25		
0117000220			R/W Cap	\$12	24-25		
0G921	<u>Performance Measure</u>		<u>Const Cap</u>	<u>\$12,376</u>	<u>24-25</u>		
	1.0 Location(s)		Total	\$17,097			
<p><u>Note:</u> Delete project. Due to increased slope instability and surface cracking, an emergency project 0P180/PPNO 01-4922 was initiated at this location. The scope of this project is included in the emergency project.</p>							
2	Near Gualala, at intersection with Ocean Drive.	25-26	PA&ED	\$100	Prior	\$100	Prior
01-Men-1	Construct left-turn lane.	201.015	PS&E	\$318	Prior	\$318	Prior
1.0			R/W Sup	\$11	Prior	\$11	Prior
4816	<u>Performance Measure</u>		Con Sup	\$328	25-26	\$439	25-26
0123000158	0.20 Annual fatal and serious injury collision(s)		R/W Cap	\$53	25-26	\$202	25-26
0N180	0.01 Annual fatal and serious injury collision(s)		<u>Const Cap</u>	<u>\$1,037</u>	25-26	<u>\$1,037</u>	25-26
			Total	\$1,847		\$2,107	

Note: Intensive construction support is needed due to sidewalk and curb ramp work, thus increasing construction support costs. The impacted parcels increased due to unavoidable impact to a waterway, increasing R/W capital. Change performance measure to correct previous reporting error.

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 04-Sol-680 R0.627/13.126 R9.8/13.126 2913P 0422000130 4W250	In and near Benicia and Fairfield, from 0.4 0.2 mile south of Bayshore Gold Hill Road to Route 80. Rehabilitate pavement and drainage systems, upgrade guardrail, and replace rumble strips. <u>Performance Measure</u> 45.5 Lane mile(s) 10.0 Lane mile(s)	27-28 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap Const Cap Total	\$2,612 \$3,166 \$240 \$5,193 \$164 \$46,323 \$57,698	Prior 26-27 26-27 27-28 27-28 27-28 27-28	\$2,612 \$1,000 \$240 \$1,500 \$164 \$6,682 \$12,198	Prior 26-27 26-27 27-28 27-28 27-28 27-28	

Note: Reduce scope and performance as Bay Area Toll Authority (BATA) is anticipated to fund maintenance in future years. Update postmiles and description to reflect reduced scope. Decrease PS&E support, construction support, and construction capital due to reduced scope and working days.

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	10.0	0.0	0.0	10.0
Post Condition	Lane mile(s)	10.0	0.0	0.0	10.0

4 04-Son-116 9.6 1464F 0416000410 2K360	Near Monte Rio, at 0.2 mile west of Cnopius Road. Repair unstable slope by constructing a retaining wall. G13 Contingency <u>Performance Measure</u> 1.0 Location(s)	23-24 201.131	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,775 \$1,883 \$204 \$0 \$384 \$0 \$4,246	Prior Prior Prior 23-24 23-24 23-24	\$1,775 \$1,883 \$204 \$3,000 \$384 \$10,995 \$18,241	Prior Prior Prior 23-24 23-24 23-24
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Concurrent CONST and CON ENG allocation under Resolution FP-24-27; October 2024.

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

(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	In the city of San Luis Obispo, at 4485 Vachell Lane.	24-25	PA&ED	\$0	
05-510-	Construct new appurtenance structures for	201-352	PS&E	\$0	
Var	maintenance personnel.		R/W Sup	\$50	22-23
3035			Con Sup	\$1,350	24-25
0520000150	<u>Performance Measure</u>		R/W Cap	\$40	24-25
1K681	<u>1.0 Location(s)</u>		<u>Const Cap</u>	<u>\$27,901</u>	<u>24-25</u>
			Total	\$29,311	

Note: After programming, a need for enhanced well and water treatment and septic systems were identified requiring more than two years to complete. Delete project and reprogram in future SHOPP.

6	Near Morro Bay, at Toro Creek Bridge No. 49-0068L.	25-26	PA&ED	\$1,200	Prior	\$1,200	Prior
05-SLO-1	Replace bridge.	201.140	PS&E	\$2,419	Prior	\$2,419	Prior
32.6		201.116	R/W Sup	\$159	Prior	\$159	Prior
3165	<u>Performance Measure</u>		Con Sup	\$1,800	25-26	\$1,800	25-26
0523000125	1.0 Bridge(s)		R/W Cap	\$2,306	25-26	\$2,306	25-26
1R100			<u>Const Cap</u>	\$13,948	25-26	\$13,948	25-26
			Total	\$21,832		\$21,832	

Note: Changed program code to utilize new Bridge Formula Program (BFP) code.

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	0.0	4,639.0	4,639.0
Post Condition	Square feet	4,639.0	0.0	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)			
7	In Chowchilla, from Avenue 24 1/2 to Route 99.	25-26	PA&ED	\$660	Prior	\$660	Prior
06-Mad-233	Rehabilitate pavement and upgrade Transportation	201.121	PS&E	\$980	23-24	\$980	23-24
1.80/3.88	Management System (TMS) elements, roadside		R/W Sup	\$30	23-24	\$30	23-24
7095	signs, and guardrail, and construct Class 2 bike		Con Sup	\$979	25-26	\$979	25-26
0619000224	lanes, Americans with Disabilities Act (ADA)		R/W Cap	\$228	25-26	\$228	25-26
0W860	compliant curb ramps and sidewalks, bulbouts, and		<u>Const Cap</u>	<u>\$10,575</u>	25-26	<u>\$10,575</u>	25-26
	flashing beacons as complete streets and safety		Total	\$13,452		\$13,452	
	elements, and add fiber optic cable.						

Performance Measure

6.5 Lane mile(s)

Concurrent Greater than 20 percent PS&E and R/W
 Sup allocation under Resolution FP-24-18; October
 2024.

Note: Update the Existing Condition performance table to reflect the latest Automated Pavement Condition Survey (APCS).

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	2.4	4.1	6.5
Post Condition	Lane mile(s)	6.5	0.0	0.0	6.5

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)			
8 07-LA-5 31.6/R45.4 5734 6356 0720000133 37060	In the cities of Burbank and Los Angeles, from 0.4 mile north of Buena Vista Street to 0.2 mile south of Route 14. Rehabilitate pavement, rehabilitate overhead sign structures and replace sign panels, upgrade Transportation Management System (TMS) elements, enhance highway worker safety, upgrade landscaping and irrigation components, upgrade guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	26-27 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$2,854 \$6,439 \$249 \$11,422 \$247 <u>\$102,550</u> \$123,761	Prior 25-26 25-26 26-27 26-27 26-27 26-27	\$2,854 \$6,439 \$249 \$11,422 \$247 <u>\$102,550</u> \$123,761

Performance Measure

93.9 Lane mile(s)

Note: Correction to PPNO.

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	87.9	6.0	93.9
Post Condition	Lane mile(s)	93.9	0.0	0.0	93.9

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)					
9 07-LA-405 0.0/12.8 5484 0718000253 35320	In and near the cities of Long Beach, Signal Hill, Los Angeles, and Carson, from the Orange County line to south of Route 110. Rehabilitate pavement, upgrade signs, rehabilitate bridge, upgrade lighting, improve safety, rehabilitate Transportation Management System (TMS) elements and replace copper cabling with fiber, rehabilitate culverts, replace landscape and irrigation system, rock blanket paving, minor concrete paving, grind concrete pavement, and upgrade facilities to Americans with Disabilities Act (ADA) standards. (G13 Contingency)	23-24 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$2,646 \$4,800 \$703 \$0 \$768 \$0 \$8,917	Prior Prior Prior 23-24 23-24 23-24 23-24	\$2,646 \$4,800 \$703 \$10,832 \$768 \$88,156 \$107,905	Prior Prior Prior 23-24 23-24 23-24 23-24	

Performance Measure

118.8 Lane mile(s)

Concurrent CONST and CON ENG allocation under Resolution FP-24-27; October 2024.

Note: Fully program unfunded phases of this previous G-13 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)	1.5	115.7	1.6	118.8
Post Condition	Lane mile(s)	118.8	0.0	0.0	118.8

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)			
10 07-LA-605 R9.5 5679 0719000341 36610	In Downey, at the Florence Avenue Maintenance Station at 10903 Florence Avenue. Demolish existing crew building and construct a new office building, storage building, material storage bin structure, and a Zero Emission Vehicle (ZEV) charging station.	25-26 201.352	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$588 \$2,077 \$14 \$2,472 \$10 <u>\$7,747</u> \$12,908	Prior Prior Prior 25-26 25-26 25-26 25-26	\$588 \$2,077 \$14 \$2,922 \$10 \$11,052 \$16,663	Prior Prior Prior 25-26 25-26 25-26 25-26

Performance Measure

1.0 Location(s)

3.0 Location(s)

Note: Increase construction support and capital for additional work that was not anticipated before. It includes upgrades to power grid to accommodate power requirements for level 3 chargers, pave fire access path for emergency vehicles, pave new parking stalls, and repave the existing path and parking stalls. Correct performance measures to account for work on three buildings at the maintenance station.

Performance Measure: Transportation Related Facilities					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	0.0	0.0	4,569.0	4,569.0
Post Condition	Square feet	8,240.0	0.0	0.0	8,240.0

11 07-LA-Var Var 6029 0723000023 35031	In Los Angeles and Ventura Counties, on various routes at various locations. Upgrade Transportation System Management (TMS) elements and enhance highway worker safety. (G-13 Contingency)	23-24 201.315	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$0 \$155 <u>\$0</u> \$155	23-24 23-24 23-24 23-24 23-24 23-24	\$0 \$0 \$0 \$5,562 \$155 \$28,782 \$34,499	23-24 23-24 23-24 23-24 23-24 23-24
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Performance Measure

76.0 Field element(s)

Concurrent CONST and CON ENG allocation under Resolution FP-24-27; October 2024.

Note: Fully program unfunded phases of this previous G-13 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)	31.6%	68.4%	76.0
Post Condition	Field element(s)	100.0%	0.0%	76.0

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)			
12 07-LA-Var Var 6030 0723000024 35032	In Los Angeles County, on various routes at various locations. Upgrade Transportation System Management (TMS) elements and enhance highway worker safety. (G13 Contingency)	23-24 201.315	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$0 \$155 \$0 \$155	\$0 \$0 \$0 \$5,562 \$155 \$31,220 \$36,937	23-24 23-24 23-24 23-24
<u>Performance Measure</u> 88.0 Field element(s)						

Concurrent CONST and CON ENG allocation under Resolution FP-24-27; October 2024.

Note: Fully program unfunded phases of this previous G-13 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)	25.0%	75.0%	88.0
Post Condition	Field element(s)	100.0%	0.0%	88.0

13 07-LA-Var Var 6031 0723000025 35033	In Los Angeles County, on various routes at various locations. Upgrade Transportation System Management (TMS) elements and enhance highway worker safety. (G13 Contingency)	23-24 201.315	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$0 \$154 \$0 \$154	\$0 \$0 \$0 \$5,562 \$154 \$26,361 \$32,077	23-24 23-24 23-24
<u>Performance Measure</u> 76.0 Field element(s)						

Concurrent CONST and CON ENG allocation under Resolution FP-24-27; October 2024.

Note: Fully program unfunded phases of this previous G-13 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)	31.6%	68.4%	76.0
Post Condition	Field element(s)	100.0%	0.0%	76.0

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)				
14	Near Needles, from Park Moabi Road to Topock	25-26	PA&ED	\$2,650	Prior	\$2,650	Prior
08-SBd-40	Road at the Colorado River Bridge No. 54-0415.	201.110	PS&E	\$3,759	Prior	\$3,759	Prior
R153.9/R154.64	Bridge replacement. Caltrans will be the lead		R/W Sup	\$431	Prior	\$431	Prior
3001S	agency and will share half of all costs with Arizona		Con Sup	\$10,268	25-26	\$10,268	25-26
0812000067	Department of Transportation (ADOT) as indicated		R/W Cap	\$8,000	25-26	\$8,000	25-26
0R380	via a signed Letter of Intent. This is a Construction		<u>Const Cap</u>	<u>\$49,616</u>	25-26	<u>\$49,616</u>	25-26
	Manager/General Contractor (CMGC) project.		Total	\$74,724		\$74,724	

Performance Measure

1.0 Bridge(s)

Note: Update post condition performance to reflect previously approved March 2024 amendment that changed scope from deck replacement to bridge replacement.

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	87,984.0	0.0	87,984.0
Post Condition	Square feet	109,788.0	0.0	0.0	109,788.0

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)				
15	Near Tehachapi, from 0.7 mile east of Route 223 to	25-26	PA&ED	\$2,997	Prior	\$2,997	Prior
09-Ker-58	3.4 miles east of Broome Road. Rehabilitate	201.120	PS&E	\$3,117	Prior	\$3,117	Prior
76.3/R88.56	roadway, construct truck climbing lane, install		R/W Sup	\$1,079	Prior	\$1,079	Prior
2668	Transportation Management System (TMS)		* Con Sup	\$25,000	25-26	\$25,000	25-26
0919000006	elements, wildlife crossings, upgrade lighting,		R/W Cap	\$2,112	25-26	\$2,112	25-26
37920	median barrier, guardrail, bridge railing, rehabilitate		* <u>Const Cap</u>	<u>\$222,700</u>	25-26	<u>\$222,700</u>	25-26
	drainage systems, and enhance highway worker		Total	\$257,005		\$257,005	
	safety.						
	(G13 Contingency)		* Phase not authorized				

Performance Measure

44.8 Lane mile(s)

Concurrent PS&E and R/W Sup Supplemental under FA-24-21; October 2024.

Note: Update existing condition performance (G/F/P) to reflect latest Automated Pavement Condition Survey (APCS). There is neither any change to scope nor total performance.

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	19.1	25.7	0.0	44.8
Post Condition	Lane mile(s)	44.8	0.0	0.0	44.8

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)			
16 11-SD-75 R20.1/R22.261 1352 1119000044 43063	In the city of San Diego, on San Diego-Coronado Bay Bridge No. 57-0857 and E75-N5 Connector Overcrossing No. 57-0912G; also on Route 5 at S5-S75 Connector Overcrossing No. 57-0939H (PM R13.8/R14.3). Install suicide deterrent fences along bridges. This is a Progressive Design-Build (PD-B) project. (PS&E, R/W Sup, R/W Cap Only)	25-26 201.110	PA&ED PS&E R/W Sup * Con Sup R/W Cap * <u>Const Cap</u> Total	\$0 \$14,000 \$69 \$15,000 \$331 <u>\$94,800</u> \$124,200	Prior Prior 25-26 25-26 25-26 25-26	\$0 \$14,000 \$69 \$15,000 \$331 <u>\$94,800</u> \$124,200
* Phase not authorized						

Performance Measure

3.0 Bridge(s)

Note: Change delivery method from design-build to PD-B because the project entails design and construction of a unique suicide deterrent system that does not fit in the traditional highway transportation project mold. Update description to reflect changed delivery method.

Performance Measure: Bridge(s)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	95,648.0	574,976.0	0.0	670,624.0
Post Condition	Square feet	95,648.0	574,976.0	0.0	670,624.0

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
 PM
 PPNO
 Project ID
 EA

Project Location and Description of Work
 Performance Measure

FY
 Program Code

Project Costs
 (\$1,000)

1	In and near Chino, from 0.1 mile east of Route 71 to	25-26	PA&ED	\$1,530	Prior	\$1,530	Prior
08-SBd-83	north of Chino Avenue Riverside Drive. Financial	201.124	PS&E	\$1,792	23-24	\$1,792	23-24
R0.0/6.0	Contribution Only (FCO) to City of Chino to	201.160	R/W Sup	\$489	23-24	\$489	23-24
R0.159/6.41	relinquish roadway. Rehabilitate pavement,		Con Sup	\$2,835	25-26	\$0	25-26
3015C	replace sign panels, upgrade lighting, construct bus		R/W Cap	\$128	25-26	\$0	25-26
0819000156	pads, and upgrade facilities to Americans with		<u>Const Cap</u>	<u>\$15,885</u>	25-26	<u>\$15,885</u>	25-26
1L100	Disabilities Act (ADA) standards.		Total	\$22,659		\$19,696	

Performance Measure

~~18.2 Lane mile(s)~~

6.3 Centerline mile(s)

Note: Change program code, description, postmile, and performance while converting this pavement rehabilitation project to a relinquishment project. Remove construction support and R/W capital costs as they will no longer be 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
 Performance Measure

FY
 Program Code

Project Costs
 (\$1,000)

1	Near Lucerne, from 0.1 mile east of Grove Street to	28-29	PA&ED	\$2,755	Prior	\$2,755	Prior
01-Lak-20	0.1 mile east of Country Club Drive. Construct	201.400	* PS&E	\$2,131	26-27	\$2,131	26-27
16.74/18.02	pedestrian and bicycle facilities, and rehabilitate		* R/W Sup	\$2,149	26-27	\$2,149	26-27
3204	pavement and drainage systems.		* Con Sup	\$794	28-29	\$794	28-29
4950	(Long Lead Project)		* R/W Cap	\$3,168	28-29	\$3,168	28-29
0120000130			* <u>Const Cap</u>	<u>\$20,271</u>	28-29	<u>\$20,271</u>	28-29
OK660	<u>Performance Measure</u>		Total	\$31,268		\$31,268	
	21,395.0 Bicycle and pedestrian infrastructure (linear						
	feet)						

* Phase not authorized

Note: Correction to PPNO.