

MEMORANDUM

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: August 16-17, 2023

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 22H-011**

ISSUE:

Should the California Transportation Commission (Commission) approve the California Department of Transportation's (Department) request to amend the 2022 State Highway Operation and Protection Program (SHOPP) under SHOPP Amendment 22H-011?

RECOMMENDATION:

The Department recommends that the Commission approve SHOPP Amendment 22H-011 that will amend the 2022 SHOPP, in accordance with Senate Bill 486 and the Road Maintenance and Rehabilitation Program component of Senate Bill 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 51 new capital projects be amended into the 2022 SHOPP, as detailed in 2.1a.(1a). This amendment, summarized below, would be funded from the Major Damage Restoration, Collision Reduction, Mandates, Multiple Objectives, and 2022 SHOPP programming capacity. These projects are consistent with the 2022 Transportation Asset Management Plan (TAMP).

| 2022 SHOPP Summary of New Projects | No. | FY 2022-23 (\$1,000) | FY 2023-24 (\$1,000) | FY 2024-25 (\$1,000) | FY 2025-26 (\$1,000) |
|------------------------------------|-----|-------------------------|-------------------------|-------------------------|-------------------------|
| Major Damage Restoration | 40 | \$155,416 | \$1,014 | \$0 | \$1,228 |
| Collision Reduction | 9 | \$0 | \$2,662 | \$11,041 | \$77,262 |
| Mandates | 1 | \$0 | \$0 | \$0 | \$11,366 |
| Multiple Objectives | 1 | \$0 | \$0 | \$0 | \$25,070 |
| Total New Amendments | 51 | \$155,416 | \$3,676 | \$11,041 | \$114,926 |

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

The Department further recommends that the capital projects detailed in 2.1a.(1d) and 2.1a.(1f) be amended in the 2022 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.

Senate Bill 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 2022 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 | | | | | |
| 1 01-Hum-96 6.0/7.0 2613 0123000141 0N130 | Near Willow Creek, 2.1 miles west to 1.1 miles west of Tish Tang Campground. Remove hazard trees and slide material, regrade slope, and place erosion control. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$25 \$600 \$10 <u>\$2,000</u> \$2,635 | 201.130 Assembly: 2 Senate: 2 Congress: 2 1.0 Location(s) |
| <u>Note:</u> Following a period of heavy rainfall in February 2023, a landslide developed on Route 96. Following the geotechnical assessment and recommendation, the extent of scope of repairs was determined. This project will remove approximately 200 hazard trees, remove slide material, regrade the slope, and place erosion control. | | | | | |
| 2 01-Hum-299 19.0/R26.0 2611 0123000135 0N090 | Near Willow Creek, from Bair Road to 1.4 miles west of Chezem Road. Repair roadway and embankment, construct retaining wall, and place erosion control and rock slope protection. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$25 \$1,500 \$10 <u>\$5,000</u> \$6,535 | 201.130 Assembly: 2 Senate: 2 Congress: 2 3.0 Location(s) |
| <u>Note:</u> Following a period of heavy rainfall in January 2023, the Department forces began monitoring several slip-outs that were developing and showing signs of distress along Route 299. But additional storms in the following months accelerated the damage that was beyond the ability of maintenance forces to address. The slip-outs resulted in embankment failures and damage to the roadway. This project will repair roadway and embankment, construct retaining wall, and place erosion control and rock slope protection. | | | | | |

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|--|--|-------|----------------------------|----------------|--|
| 3 01-Men-101 0.0/4.0 2608 0123000120 ON040 | Near Hopland, from Sonoma County line to 0.9 mile north of Comminsky Station Road. Repair or replace drainage systems, repair roadway, and install erosion control. | 22-23 | PA&ED | \$0 | 201.130 |
| | | | PS&E | \$0 | Assembly: 2 |
| | | | R/W Sup | \$10 | Senate: 2 |
| | | | Con Sup | \$600 | Congress: 2 |
| | | | R/W Cap | \$5 | |
| | | | <u>Const Cap</u> | <u>\$2,000</u> | 2.0 Location(s) |
| | | | Total | \$2,615 | |
| | <p><u>Note:</u> Following a period of heavy rainfall in January 2023, maintenance forces began monitoring several drainage systems along Route 101 that were showing signs of distress. Over-saturation and heavy runoff overwhelmed the culvert inlets, depositing sediment and reducing channel capacity. Additional winter storms in the following months accelerated the damage. This project will repair or replace drainage systems, repair roadway, and install erosion control.</p> | | | | |
| 4 01-Men-101 42.0/R45.5 2609 0123000123 ON060 | Near Willits, from 0.1 mile south of Willits Overhead to Haehl Creek Bridge. Stabilize slope, repair embankment, place erosion control, reconstruct shoulder, and repair drainage. | 22-23 | PA&ED | \$0 | 201.130 |
| | | | PS&E | \$0 | Assembly: 2 |
| | | | R/W Sup | \$10 | Senate: 2 |
| | | | Con Sup | \$1,500 | Congress: 2 |
| | | | R/W Cap | \$10 | |
| | | | <u>Const Cap</u> | <u>\$5,000</u> | 3.0 Location(s) |
| | | | Total | \$6,520 | |
| | <p><u>Note:</u> Beginning February 2023, a large storm front impacted the region, resulting in unusually heavy snowfall. In the following months, another series of warmer and wetter storms impacted the area with heavy runoff from the rainfall and melting snow. A series of slides and slip-outs developed along Route 101, threatening the failure of the roadway. This project will stabilize slope, repair embankment, place erosion control, reconstruct shoulder, and repair drainage.</p> | | | | |
| 5 01-Men-101 42.1 4813 0123000133 ON070 | Near Willits, at South Willits Overhead No. 10-0001. Repair bridge deck. | 22-23 | PA&ED | \$0 | 201.130 |
| | | | PS&E | \$0 | Assembly: 2 |
| | | | R/W Sup | \$5 | Senate: 2 |
| | | | Con Sup | \$600 | Congress: 2 |
| | | | R/W Cap | \$5 | |
| | | | <u>Const Cap</u> | <u>\$2,000</u> | 1.0 Location(s) |
| | | | Total | \$2,610 | |
| | <p><u>Note:</u> On May 3, 2023, a sudden and unexpected failure occurred on the bridge deck resulting in a large hole in the northbound lane. For the safety of the traveling public, the northbound lanes had to be closed. This project will repair the bridge deck by performing full depth removal and replacement of the existing northbound deck.</p> | | | | |

List of New 2022 SHOPP Capital Project Amendments

| Project No. Dist-Co-Rte PM PPNO Project ID EA | Project Location and Description of Work | FY | Project Costs (\$1,000) | | Program Code Leg./Congress. Dists. Perf. Meas. |
|---|--|-------|---|--|---|
| 6 01-Men-101 R86.0/R87.0 4812 0123000134 ON080 | Near Legget, from 1.3 miles north to 2.3 miles north of Cummings Road Separation. Repair roadway and drainage. <u>Note:</u> A series of large storms impacted the region in February 2023. The Department forces began monitoring a slip out that had began to develop on Route 101 and 271, and worked to mitigate the situation to keep the route open and safe for the traveling public. As additional storms impacted the area, the situation worsened. A large sink developed, resulting in cracking and settlement of southbound lanes. This caused culvert separation and the cracking extended across all lanes. This project will repair roadway and drainage. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$5 \$450 \$5 <u>\$1,500</u> \$1,960 | 201.130 Assembly: 2 Senate: 2 Congress: 2 2.0 Location(s) |
| 7 03-ED-50 16.1 3351 0323000269 4J800 | In Placerville, at 0.3 mile east of Forni Road. Repair and replace failed culvert. <u>Note:</u> On May 2, 2023, a sinkhole was reported on Forni Road. The damage assessment concluded that the sinkhole was caused by a failed culvert along Route 50. This project will repair and replace the failed culvert. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$140 \$0 <u>\$470</u> \$610 | 201.130 Assembly: 5 Senate: 4 Congress: 5 1.0 Location(s) |
| 8 03-Pla-28 Var 4683 0323000247 4J720 | In Placer County, on Routes 28, 89, 267 at various locations. Repair pavement. <u>Note:</u> Multiple storm events beginning February 2023 and the heavy flow of truck traffic with chains on these routes has damaged the pavement. The pavement has broken apart resulting in large potholes, cracks, and loose debris. This project will repair storm damaged pavement at various locations. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$1,860 \$0 <u>\$6,200</u> \$8,060 | 201.130 Assembly: 1 Senate: 4 Congress: 3 117.0 Location(s) |

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| 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 03-Sac-160 L1.0/L6.0 7297 0323000272 4J810 | Near Rio Vista, from Contra Costa County line to 0.9 mile south of Sherman Island Road. Replace failed culvert and repair sinkhole. <u>Note:</u> On May 12, 2023, a sinkhole was reported on Route 160 in the northbound direction. The damage assessment concluded that the sinkhole was caused by a failed culvert. The failed culvert caused the surrounding material to erode away leaving a void. This project will replace the failed culvert and repair the sinkhole. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$170 \$0 \$570 \$740 | 22-23 22-23 201.130 Assembly: 11 Senate: 3 Congress: 7 1.0 Location(s) |
| 10 04-Ala-13 8.9 2919G 0423000198 3Y110 | In Oakland, 0.2 mile south of Broadway Terrace. Remove debris and mud and repair slope. <u>Note:</u> Winter storms from January 2023 brought heavy rains that caused erosion resulting in debris and mud blocking the freeway. This project will remove debris and repair slope. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$268 \$0 \$670 \$938 | 22-23 22-23 201.130 Assembly: 14 Senate: 7 Congress: 12 1.0 Location(s) |
| 11 04-Mrn-1 37.2 2913H 0420000281 0W710 | Near Marshall, at 1.2 miles south of Marshall Petaluma Road. Place rock slope protection, replace fence, and repair pavement. PA&ED: 12/29/2025 R/W: 1/15/2027 RTL: 3/15/2027 BC: 8/16/2027 | 26-27 | PA&ED PS&E R/W Sup * Con Sup * R/W Cap * <u>Const Cap</u> Total | \$1,400 \$1,200 \$28 \$630 \$32 \$1,024 \$4,314 | 22-23 25-26 25-26 26-27 26-27 26-27 1.0 Location(s) |
| Concurrent COS allocation under Resolution FP-23-16; Aug 2023. | | * Phase not authorized | | | |

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|--|---|-------|---|--|--|
| 12 04-Mrn-101 24.01 2921A 0423000269 3Y640 | Near Novato, at Redwood Boulevard near Route 101 at 1.8 miles north of Atherton Avenue. Reconstruct slopes, repair drainage system, and install new drainage systems and retaining wall. <u>Note:</u> Winter storms brought heavy rains that caused slope failures and caused heaved roadways and damaged drainage ditches. This project will reconstruct slopes, restore drainage ditches, and install new drainage systems and soldier pile retaining wall. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$35 \$2,995 \$60 <u>\$10,040</u> \$13,130 | 201.130 Assembly: 12 Senate: 2 Congress: 2 1.0 Location(s) |
| 13 04-SCI-130 17.92 2921E 0423000274 3Y670 | Near San Jose, 0.7 mile east of Kincaid Road. Construct retaining wall and repair damaged roadway. <u>Note:</u> On March 30, 2023, a maintenance crew worker reported a roadway slipout caused by recent storms. This project will construct a retaining wall and repair damaged roadway. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$990 \$0 <u>\$3,300</u> \$4,290 | 201.130 Assembly: 25 Senate: 15 Congress: 18 1.0 Location(s) |
| 14 04-SM-1 36.9 2921M 0423000361 4Y080 | Near Pacifica, north of 1st Street. Reconstruct slopes and replace drainage system. <u>Note:</u> Winter storms from January 2023 through March 2023 brought heavy rains that caused slope failures and caused a culvert system failure. This project will reconstruct slopes and replace drainage system. | 23-24 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$234 \$0 <u>\$780</u> \$1,014 | 201.130 Assembly: 23 Senate: 13 Congress: 16 1.0 Location(s) |
| 15 04-SM-1 45.64 2921H 0423000343 4Y000 | In Pacifica, at 0.5 mile north of Manor Drive. Reconstruct slopes and replace lined ditch. <u>Note:</u> Winter storms from December 27, 2022 through January 14, 2023 brought heavy rains that caused prolonged saturation and caused slope failures and damaged a lined ditch. This project will reconstruct slopes and replace lined ditch. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$400 \$0 <u>\$1,320</u> \$1,720 | 201.130 Assembly: 23 Senate: 13 Congress: 16 1.0 Location(s) |

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|--|---|-------|---|--|---|--|
| 16 04-SM-35 8.74 2921G 0423000311 3Y760 | Near Windy Hill Summit, at 0.4 mile south of Old La Honda Road. Repair sinkhole and reconstruct slopes, roadway pavement, and drainage culvert system. <u>Note:</u> Recent winter storms brought heavy rains that caused slope failures and caused damage to pavement, cross drainage culvert, and a sinkhole. This project will repair sinkhole damage and reconstruct slopes, roadway pavement, and drainage system. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$80 \$1,630 \$15 <u>\$5,685</u> \$7,410 | 22-23 22-23 22-23 22-23 22-23 22-23 22-23 | 201.130 Assembly: 23 Senate: 13 Congress: 16 1.0 Location(s) |
| 17 04-Sol-37 R7.39 2920E 0423000243 3Y490 | In Vallejo, at Napa River Bridge No. 23-0064. Repair damaged bridge fender system and protect bridge column. <u>Note:</u> On January 21, 2023, a water vessel executing a construction contract to dredge federal navigation channels in the San Francisco Bay broke free from control and drifted onto the center span of the Napa River Bridge and caused damage to the north west fender system. This project will repair damaged bridge fender system and protect bridge column. Abatement is being sought from the responsible party. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$2,040 \$0 <u>\$6,800</u> \$8,840 | 22-23 22-23 22-23 22-23 22-23 22-23 22-23 | 201.130 Assembly: 11 Senate: 3 Congress: 8 1.0 Location(s) |
| 18 04-Sol-680 R8.4 2921C 0423000270 3Y650 | In Fairfield, at 1.4 mile south of Gold Hill Road. Construct retaining wall, repair slope, and add rock slope protection. <u>Note:</u> On March 26, 2023, a county frontage road slipout occurred as a result of recent storms and caused adjacent slope embankment to thrust onto Route 680. This project will construct a retaining wall, repair slope, and place rock slope protection. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$990 \$0 <u>\$3,300</u> \$4,290 | 22-23 22-23 22-23 22-23 22-23 22-23 22-23 | 201.130 Assembly: 11 Senate: 3 Congress: 8 1.0 Location(s) |

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| 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-116 Var 2919T 0423000221 3Y320 | Near Sebastopol, on Route 116 at various locations. Replace culvert systems, rebuild the roadway, and fill slopes. Include biological monitoring. <u>Note:</u> Winter storms from December 2022 through January 2023 brought heavy rains that caused failed culverts and caused flooding in the surrounding areas, erosion of road embankment, water pooling on highways, and potholes and cracks on pavement. This project will replace culvert, rebuild the roadway, and fill slopes. Also included is biological monitoring. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$108 \$0 \$360 \$468 | 22-23 22-23 22-23 22-23 22-23 22-23 22-23 | 201.130 Assembly: 2 Senate: 2 Congress: 2 5.0 Location(s) |
| 20 05-Mon-1 R78.9 3168 0523000148 1R130 | In the city of Monterey, at Cabrillo Highway; also near the city of Monterey, from 0.2 mile west of Scenic Drive to Scenic Drive. Reconstruct slopes and repair culverts and sinkhole damage. <u>Note:</u> Winter storms from December 2022 through March 2023 brought heavy rains that caused slope failures and caused a sinkhole to form at one location. This project will reconstruct slopes, line damaged culverts, and repair sinkhole damage. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$200 \$0 \$700 \$900 | 22-23 22-23 22-23 22-23 22-23 22-23 22-23 | 201.130 Assembly: 30 Senate: 17 Congress: 19 4.0 Location(s) |
| 21 05-Mon-198 20.8 3170 0523000151 1R150 | Near Parkfield Junction, at 1.8 miles west of North Fork Road. Remove and reconstruct the damaged roadway with a reinforced structural section and construct a v-ditch. <u>Note:</u> An earthquake on April 4, 2023 caused a slipouts and cracked the pavement from one shoulder to the opposite embankment, which has since widened. This project will remove the pavement and shoulders to a five-foot depth and reconstruct the roadway with layers of geogrid to reinforce the structural section. Debris will also be removed from the nearby slope and a v-ditch will be constructed to convey stormwater to prevent accumulation of water. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$900 \$0 \$3,000 \$3,900 | 22-23 22-23 22-23 22-23 22-23 22-23 22-23 | 201.130 Assembly: 29 Senate: 17 Congress: 18 1.0 Location(s) |

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| Project No. Dist-Co-Rte PM PPNO Project ID EA | Project Location and Description of Work | FY | Project Costs (\$1,000) | | Program Code Leg./Congress. Dists. Perf. Meas. |
|--|---|-------|---|---|---|
| 22 05-SB-101 47.0/47.3 3169 0523000150 1R140 | Near Gaviota, from 1.8 to 1.5 miles south of Route 1. Construct secant pile wall and restore roadway. <u>Note:</u> Winter storms beginning January 8, 2023 caused widespread flooding and elevated creek levels, causing Gaviota Creek to damage revetments and scour that threatens the stability of Route 101. This project will construct a secant pile wall and barrier slab to protect the highway, replace concrete barrier, restore damaged roadway portions, and modify drainage systems. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$3,700 \$25 <u>\$15,000</u> \$18,725 | 22-23 22-23 22-23 201.130 Assembly: 37 Senate: 21 Congress: 24 1.0 Location(s) |
| 23 05-SCr-129 Var 3160 05230000105 1Q950 | In Santa Cruz County, on Routes 129 and 152 at various locations. Clear slide debris and clear culverts. <u>Note:</u> Storms in early March 2023 resulted in slides and debris flows that blocked the roadway, clogged culverts, and resulted in route closures. This project will clear slide debris, clear culverts, and remove storm debris. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$850 \$10 <u>\$2,900</u> \$3,760 | 22-23 22-23 22-23 201.130 Assembly: 29 Senate: 17 Congress: 18 34.0 Location(s) |
| 24 07-LA-1 35.2/44.1 6074 0723000167 2XG80 | In the cities of Santa Monica, Los Angeles, and Malibu, from Colorado Avenue to Las Flores Canyon Road. Remove debris, scale slopes, repair rockfall drapery, and replace riprap. <u>Note:</u> Winter storms from January through March 2023 brought heavy rains that caused debris flows, brought down large rocks into the roadway, damaged a slope drapery protection system, clogged drainage systems, and washed out protective riprap. This project will scale slopes to remove loose material, dispose of debris, repair slope drapery protection system, clean drainage systems, and replace riprap. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$75 \$767 \$75 <u>\$3,065</u> \$3,982 | 22-23 22-23 22-23 22-23 201.130 Assembly: 42, 51 Senate: 24 Congress: 32, 36 12.0 Location(s) |

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|--|--|-------|---|--|---|--|
| 25 07-LA-1 44.2/58.5 6075 0723000168 2XG90 | In Malibu, from Rambla Pacifico Street to Broad Beach Road. Remove storm debris, repair slopes, and clean out drainage systems. <u>Note:</u> Heavy rains from January through March 2023 eroded slopes, causing rocks and debris to enter the roadway, clogged drainage systems, and eroded shoulders. This project will remove loose rocks and material, dispose of debris, repair eroded slopes, clean out drainage systems, and repair damaged shoulders. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$75 \$641 \$75 <u>\$2,135</u> \$2,926 | 22-23 22-23 22-23 22-23 22-23 22-23 22-23 | 201.130 Assembly: 42 Senate: 24 Congress: 32 9.0 Location(s) |
| 26 07-LA-2 28.6/32.6 6082 0723000186 2XH00 | In and near Pasadena, from 0.1 mile east of North Slide Canyon Viaduct to 1.2 miles west of Angeles Forest Highway. Remove debris, perform rock scaling, repair rock net system, and reconstruct berm. <u>Note:</u> Winter storms from January through March 2023 brought heavy rains that caused debris flows and rocks to enter the roadway, and damaged rock net systems. This project will remove and dispose of debris, perform rock scaling, repair rock net system, and reconstruct an earthen berm at the slope toe to help catch falling material. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$50 \$245 \$50 <u>\$610</u> \$955 | 22-23 22-23 22-23 22-23 22-23 22-23 22-23 | 201.130 Assembly: 41 Senate: 25 Congress: 28 3.0 Location(s) |
| 27 07-LA-10 R4.3/R10.1 6086 0723000237 2XH40 | In the city of Los Angeles, from Centinela Avenue to Redondo Boulevard. Backfill sinkholes and replace damaged pavement. <u>Note:</u> Two sinkholes were discovered on May 8, 2023, one in the median of Route 10 and another on a shoulder. The cause of the sinkholes is likely runoff from winter storms infiltrating through cracks in pavement. This project will backfill sinkhole voids using slurry, and replace damaged pavement and dike. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$350 \$0 <u>\$1,165</u> \$1,515 | 22-23 22-23 22-23 22-23 22-23 22-23 22-23 | 201.130 Assembly: 51, 55 Senate: 28 Congress: 36, 37 2.0 Location(s) |

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|---|---|-------|---|---|--|
| 28 07-LA-101 11.8R 6084 0723000235 2XH20 | In the city of Los Angeles, near the neighborhood of North Hollywood, at the North Hollywood Communication Hub at 4632 Tuhunga Avenue. Repair communication hub damage and install hardened door, fence, and security system. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$310 \$0 \$1,090 \$1,400 | 201.130 Assembly: 44 Senate: 27 Congress: 29 1.0 Location(s) |
| <p><u>Note:</u> On March 20, 2023, staff responded to a report of a break-in and vandalism of the North Hollywood Communications Hub (NHD). The NHD hub was breached, electrical wires were stolen, and the fire alarm system and heating, ventilation, and air conditioning (HVAC) systems were damaged. This project will replace electrical wiring and repair fiber optic systems, replace the damaged HVAC system, replace existing doors with hardened steel doors, construct a new perimeter fence and gate, and install a laser security system and cameras.</p> | | | | | |
| 29 07-Ven-118 4.5/4.8 6073 0723000158 2XG70 | Near Oxnard, from 0.7 to 0.4 mile west of La Vista Avenue. Repair storm damage, including slope reconstruction, installing new Rock Slope Protection (RSP), and repair damaged pavement, shoulder, and dike. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$80 \$0 \$195 \$0 \$785 \$1,060 | 201.130 Assembly: 38 Senate: 21 Congress: 26 2.0 Location(s) |
| <p><u>Note:</u> Storms in late March, 2023 brought heavy rains that washed out slopes, damaged Rock Slope Protection (RSP), damaged shoulders and dikes, caused cracks in the roadway, and washed out the embankment toe in the nearby creek. This project will reconstruct slopes, reinstall RSP, repair pavement, shoulder, and dike, construct new drainage system, and clear vegetation from the creek bed to aid better direct channel flow.</p> | | | | | |

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| 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. |
|--|--|-------|---|--|--|
| 30 08-Riv-60 21.37 3021S 0823000157 1P310 | Near Moreno Valley, at Theodore Street Overcrossing Bridge No. 56-0488. Replace damaged bridge girders and provide traffic control. <u>Note:</u> On May 18, 2023, a truck hauling a large excavator traveling westbound Route 60 struck the bridge. The excavator caused several damaged bridge girders, temporary lane closures westbound at Route 60, and long-term road closures both directions at Theodore Street. Abatement is being sought. This project will replace damaged bridge girders and provide traffic control. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$10 \$790 \$10 <u>\$2,690</u> \$3,500 | 201.130 Assembly: 60 Senate: 31 Congress: 39 1.0 Location(s) |
| 31 08-SBd-038 Var 3021E 0823000104 1P180 | In San Bernardino County, on Routes 38, 189, and 330 at various locations. Repair roadway and replace retaining wall and guardrails. <u>Note:</u> Winter storms from February and March 2023 brought heavy snowfall and rainfall that caused cracked and undermined pavement resulting in damaged pavement. Additionally, it caused saturated soils and reduced bearing capacity of a retaining wall resulting in the wall to lean outward about 15-degrees and cracked face of wall. This project will repair roadway and replace retaining wall and guardrails. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$10 \$563 \$10 <u>\$2,240</u> \$2,823 | 201.130 Assembly: 34 Senate: 19 Congress: 23 3.0 Location(s) |
| 32 08-SBd-95 48.1/57.9 3021C 0823000101 1P150 | In and near Needles, at various locations. Repair damaged structural section of roadway. <u>Note:</u> Winter storms from December 31, 2022 through January 16, 2023 brought heavy rains that caused washed out and broken pavement and damaged structural section. This project will repair damaged structural section of roadway. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$10 \$170 \$10 <u>\$590</u> \$780 | 201.130 Assembly: 36 Senate: 18 Congress: 25 3.0 Location(s) |

List of New 2022 SHOPP Capital Project Amendments

| Project No. Dist-Co-Rte PM PPNO Project ID EA | Project Location and Description of Work | FY | Project Costs (\$1,000) | | Program Code Leg./Congress. Dists. Perf. Meas. |
|--|---|-------|---|--|---|
| 33 08-SBd-189 0.00/5.56 3021N 0823000119 1P240 | Near the city of San Bernardino, from Route 18 to Route 173. Reconstruct paved roadway. <u>Note:</u> Winter storms from February and March 2023 brought heavy snow and rain that caused snow operations with heavy equipment and use of tire chains that caused damaged pavement. This project will reconstruct paved roadway. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$10 \$479 \$10 <u>\$1,620</u> \$2,119 | 201.130 Assembly: 34 Senate: 19 Congress: 23 7.0 Location(s) |
| 34 09-Ker-58 82.15/R92.57 2714 0923000057 39990 | In and near Tehachapi, from 0.1 mile east of Keene Road to 0.9 mile east of Mill Street. Repair damaged pavement. <u>Note:</u> Winter storms from January through March 2023 brought heavy snowfall and rainfall that caused soil saturation and elevated vehicular tire chain use that caused localized pavement damage, resulting in potholes and full depth structural failure. This project will repair damaged pavement, including localized full depth Hot Mix Asphalt (HMA) digouts and localized full depth slab replacements. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$5 \$5 \$0 \$155 \$0 <u>\$1,550</u> \$1,715 | 201.130 Assembly: 32 Senate: 12 Congress: 20 76.0 Location(s) |
| 35 09-Mno-158 Var 2713 0923000053 39970 | Near June Lake and Bridgeport, on Route 158 and 395 at various locations. Repair damaged pavement. <u>Note:</u> Winter storms from January through March 2023 brought heavy snow and rain that caused prolonged tire chain and studded tire wear and caused pavement damage at localized locations and complete failure resulting in extensive potholes at other locations. This project will repair damaged pavement. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$5 \$0 \$0 \$380 \$0 <u>\$3,800</u> \$4,185 | 201.130 Assembly: 8 Senate: 4 Congress: 3 3.0 Location(s) |

List of New 2022 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. |
|--|---|-------|---|--|--|
| 36 11-SD-805 0.8 1502 1123000167 43181 | In the city of San Diego, near the district of San Ysidro at 0.2 mile north of San Ysidro Boulevard. Backfill sinkhole and replace damaged culvert. <u>Note:</u> Winter storms in January 2023 brought heavy rains, leading to a sinkhole on the shoulder which threatens to undermine the shoulder and nearby buildings. This project will install shoring in the sinkhole, backfill with rapid strength concrete, clean out and inspect the drainage system, replace the culvert, and repair damaged pavement. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$300 \$0 <u>\$1,000</u> \$1,300 | 201.130 Assembly: 80 Senate: 18 Congress: 52 1.0 Location(s) |
| 37 11-SD-805 7.2/7.5 1496 1123000153 43177 | In and near Chula Vista, from East H Street to 0.3 mile south of Bonita Road. Rebuild slope, replace guardrail, and repair pavement. <u>Note:</u> Heavy rains on January 16, 2023 overtopped an Asphalt Concrete (AC) dike and washed out a slope, undermining the paved shoulder and guardrail. This project will rebuild the compromised slope, repair the damaged irrigation system, replace the guardrail, and reconstruct the damaged road components. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$300 \$0 <u>\$1,000</u> \$1,300 | 201.130 Assembly: 80 Senate: 18 Congress: 52 1.0 Location(s) |
| 38 11-SD-805 16.5 1505 1123000182 43186 | In the city of San Diego, at El Cajon Boulevard. Replace culvert, backfill sinkhole, and install erosion control. <u>Note:</u> Winter storms in January 2023 brought heavy rains, leading to a sinkhole on the shoulder which threatens to undermine the shoulder and embankment. This project will replace the damaged culvert and install an inlet, backfill with rapid strength concrete, rebuild the embankment, and install erosion control. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$200 \$0 <u>\$800</u> \$1,000 | 201.130 Assembly: 78 Senate: 39 Congress: 50 1.0 Location(s) |

List of New 2022 SHOPP Capital Project Amendments

| Project No. Dist-Co-Rte PM PPNO Project ID EA | Project Location and Description of Work | FY | Project Costs (\$1,000) | | Program Code Leg./Congress. Dists. Perf. Meas. | |
|--|---|-------|---|--|---|---|
| 39 11-SD-805 26.8 1471 1122000094 43153 | In the city of San Diego, at Carroll Canyon Road. Replace culvert and repair retaining structure. <u>Note:</u> Winter storms from January 2-12, 2023 resulted in heavy rains that inundated the drainage system at Carroll Canyon Road. Pavement settlement and cracking were reported, resulting in inspection of the drainage system within the roadway, and the culvert was found to be in poor condition due to joint separation, misalignment, and compromised integrity. The adjacent retaining structure is showing distress due to water intrusion and sediment erosion. This project will excavate the roadway, perform injection grouting, install ground anchors, apply shotcrete to the retaining wall, replace the culvert, and repair pavement and concrete damage. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$120 \$2,680 \$200 <u>\$10,000</u> \$13,000 | 22-23 22-23 22-23 22-23 22-23 22-23 22-23 | 201.130 Assembly: 78 Senate: 40 Congress: 51 1.0 Location(s) |
| 40 11-SD-Var 1518 1123000249 43189 | In San Diego County, on Routes 5, 8, 15, 54, 67, 78, 79, 94, 125, and 805 at various locations. Grind pavement and place Hot Mix Asphalt (HMA) in damaged areas. <u>Note:</u> On April 21, 2023, the department reported an abnormal amount of pavement damage on various routes. It was determined that winter storm events from February to March 2023 contributed to the accelerated damage, including potholes, cracks, and loose debris. This project will grind and replace damaged pavement portions with Hot Mix Asphalt (HMA) to repair damaged pavement. | 22-23 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$0 \$0 \$700 \$0 <u>\$9,100</u> \$9,800 | 22-23 22-23 22-23 22-23 22-23 22-23 22-23 | 201.130 Assembly: 74, 75, 76, 77, 78 Senate: 18, 38, 39, 40 Congress: 48, 49, 50, 51 63.0 Location(s) |

List of New 2022 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 | | | | | |
| 41 01-Lak-20 R43.9/R44.2 3217 0122000135 0M310 | Near Clearlake Oaks, from 0.3 mile east to 0.6 mile east of Walker Ridge Road. Realign curve, widen shoulders, and construct rumble strips. PA&ED: 11/17/2025 R/W: 2/17/2027 RTL: 4/21/2027 BC: 8/24/2027 Concurrent COS allocation under Resolution FP-23-16; August 2023. | 26-27 | PA&ED PS&E R/W Sup * Con Sup * R/W Cap * Const Cap Total | \$1,592 \$1,391 \$391 \$1,684 \$46 \$6,956 \$12,060 | 23-24 25-26 25-26 26-27 26-27 26-27 201.010 Assembly: 4 Senate: 2 Congress: 4 30 Collision(s) reduced |
| * Phase not authorized | | | | | |
| 42 01-Men-1 1.0 4816 0123000158 0N180 | Near Gualala, at intersection with Ocean Drive. Construct left-turn lane. PA&ED: 10/16/2023 R/W: 9/16/2025 RTL: 10/1/2025 BC: 4/1/2026 Concurrent COS allocation under Resolution FP-23-16; August 2023. | 25-26 | PA&ED PS&E R/W Sup Con Sup R/W Cap Const Cap Total | \$100 \$318 \$11 \$328 \$53 \$1,037 \$1,847 | 23-24 23-24 23-24 25-26 25-26 25-26 201.015 Assembly: 2 Senate: 2 Congress: 2 0.2 Collision(s) reduced |
| Concurrent COS allocation under Resolution FP-23-16; August 2023. | | | | | |
| 43 03-Sac-12 0.7/6.1 5963 0321000198 2J200 | Near Rio Vista, from 0.1 mile east of Route 160 to Mokelumne River Bridge. Install concrete median barrier, widen shoulders, construct left turn lane, upgrade guardrails and drainage systems, replace signs, overlay pavement, and install count station and closed circuit television. PA&ED: 3/2/2025 R/W: 5/5/2026 RTL: 5/15/2026 BC: 9/23/2026 Concurrent COS allocation under Resolution FP-23-16; August 2023. | 25-26 | PA&ED PS&E R/W Sup Con Sup R/W Cap Const Cap Total | \$2,760 \$2,240 \$100 \$4,060 \$1,260 \$32,800 \$43,220 | 23-24 24-25 24-25 25-26 25-26 25-26 201.010 Assembly: 9, 11 Senate: 3 Congress: 7 79 Collision(s) reduced |

List of New 2022 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. |
|--|--|-------|---|---|--|
| 44 03-Sac-160 R44.9/R45.1 7295 0323000033 3J900 | In the city of Sacramento, at the onramp and offramp to Del Paso Boulevard. Replace signs and panels, upgrade lighting, install wrong-way driving deterrents, and repave ramps to improve safety. PA&ED: 5/6/2024 R/W: 1/22/2025 RTL: 2/6/2025 BC: 6/16/2025 | 24-25 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$320 \$520 \$40 \$520 \$20 \$2,070 \$3,490 | 23-24 23-24 23-24 24-25 24-25 24-25 24-25 201.010 Assembly: 6 Senate: 8 Congress: 6 3 Collision(s) reduced |
| Concurrent COS allocation under Resolution FP-23-16; August 2023. | | | | | |
| 45 03-Sut-20 10.5/10.8 8147 0323000058 4J060 | Near Yuba City, at the intersection with Humphrey Road. Install traffic signal. PA&ED: 10/15/2024 R/W: 7/16/2026 RTL: 8/14/2026 BC: 12/21/2026 | 26-27 | PA&ED PS&E R/W Sup * Con Sup * R/W Cap * <u>Const Cap</u> Total | \$1,070 \$1,030 \$190 \$930 \$315 \$5,000 \$8,535 | 23-24 24-25 24-25 26-27 26-27 26-27 26-27 201.010 Assembly: 3 Senate: 1 Congress: 1 8 Collision(s) reduced |
| Concurrent COS allocation under Resolution FP-23-16; August 2023. | | | | | |
| * Phase not authorized | | | | | |
| 46 03-Sut-20 15.8/16.1 8146 0322000275 3J680 | In Yuba City, at the intersection with Stafford Way. Install traffic signal. PA&ED: 3/15/2024 R/W: 4/10/2025 RTL: 6/15/2025 BC: 10/26/2025 | 24-25 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$690 \$520 \$210 \$620 \$50 \$2,820 \$4,910 | 23-24 23-24 23-24 24-25 24-25 24-25 24-25 201.010 Assembly: 3 Senate: 1 Congress: 1 33 Collision(s) reduced |
| Concurrent COS allocation under Resolution FP-23-16; August 2023. | | | | | |

List of New 2022 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. |
|--|---|-------|---|---|---|
| 47 03-Yub-20 0.8/1.1 6942 0323000034 3J910 | In Sacramento, Yolo, and Yuba Counties, on Routes 20, 80, 99, and 113 at four locations. Install signs, green pavement markings, and crosswalks to improve bicyclist and pedestrian safety. | 24-25 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$149 \$279 \$29 \$122 \$32 \$810 \$1,421 | 23-24 23-24 23-24 24-25 24-25 24-25 24-25 201.010 Assembly: 3, 4, 7, 10 Senate: 1, 3, 8 Congress: 1, 4, 6, 7 15 Collision(s) reduced |
| | PA&ED: 1/15/2024 R/W: 9/16/2024 RTL: 10/1/2024 BC: 2/10/2025 | | | | |
| | Concurrent COS allocation under Resolution FP-23-16; August 2023. | | | | |
| 48 07-LA-14 R24.8/R61.0 6033 0723000011 39060 | In and near Santa Clarita and Palmdale, from Route 5 to south of Rancho Vista Boulevard. Update striping, replace pavement markers, and install rumble strips and overhead signs. | 25-26 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$1,625 \$2,025 \$25 \$2,100 \$3 \$12,711 \$18,489 | 23-24 24-25 24-25 25-26 25-26 25-26 25-26 201.015 Assembly: 34, 39, 40, 43 Senate: 20, 23 Congress: 27, 29 4 Collision(s) reduced |
| | PA&ED: 7/31/2024 R/W: 11/18/2025 RTL: 12/16/2025 BC: 8/25/2026 | | | | |
| | Concurrent COS allocation under Resolution FP-23-16; August 2023. | | | | |
| 49 12-Ora-22 R0.9/R1.9 2870A 1221000088 0T020 | In Garden Grove, from Valley View Street to Springdale Street. Construct auxiliary lane and modify exit ramp. | 25-26 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$1,136 \$1,384 \$298 \$1,978 \$10 \$7,118 \$11,924 | 23-24 24-25 24-25 25-26 25-26 25-26 25-26 201.010 Assembly: 70 Senate: 36 Congress: 45 145 Collision(s) reduced |
| | PA&ED: 11/8/2024 R/W: 4/6/2026 RTL: 6/9/2026 BC: 2/1/2027 | | | | |
| | Concurrent COS allocation under Resolution FP-23-16; August 2023. | | | | |

List of New 2022 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. |
|--|---|-------|---|--|---|
| Mandates | | | | | |
| 50 07-LA-110 9.6/17.8 6018 0721000250 38040 | In the city of Los Angeles, from 182nd Street to south of Slauson Avenue. Install stormwater treatment Best Management Practices (BMPs) to meet Total Maximum Daily Load (TMDL) requirements. PA&ED: 7/15/2024 R/W: 2/28/2026 RTL: 3/31/2026 BC: 9/20/2026 Concurrent COS allocation under Resolution FP-23-16; August 2023. | 25-26 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$829 \$2,089 \$18 \$2,261 \$15 <u>\$6,154</u> \$11,366 | 23-24 24-25 24-25 25-26 25-26 25-26 29.6 Acre(s) treated/pollutant 201.335 Assembly: 57, 65 Senate: 28, 35 Congress: 37, 43, 44 |
| Multiple Objectives | | | | | |
| 51 03-ED-89 24.4/25.3 3473 0323000082 4J090 | Near Meeks Bay, at Meeks Creek Bridge No. 25-0019. Replace Meeks Creek Bridge, restore creek to address bridge scour and fish passage barriers, and add bicycle and pedestrian improvements. PA&ED: 4/1/2025 R/W: 4/16/2026 RTL: 5/1/2026 BC: 10/19/2026 Concurrent COS allocation under Resolution FP-23-16; August 2023. | 25-26 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$2,000 \$2,990 \$340 \$2,790 \$1,550 <u>\$15,400</u> \$25,070 | 23-24 24-25 24-25 25-26 25-26 25-26 1.0 Location(s) 201.999 Assembly: 1 Senate: 4 Congress: 3 |

List of 2022 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 04-Ala-13 7.9 2020L 0418000023 0P890 | In Oakland, at Burns Drive Bruns Drive Pedestrian Overcrossing No. 33-0244 (PM 7.91). Replace pedestrian overcrossing and upgrade seismic safety. | 25-26 201.113 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$2,359 \$2,584 \$93 \$4,252 \$26 <u>\$17,450</u> \$26,764 | Prior 21-22 21-22 25-26 25-26 25-26 25-26 | \$2,359 \$2,584 \$93 \$4,252 \$26 <u>\$17,450</u> \$26,764 | Prior 21-22 21-22 25-26 25-26 25-26 25-26 |
| | <u>Performance Measure</u> 1 Bridge(s) | | | | | | |

Note: Correct name of structure because of prior clerical error.

| | | | | | |
|--|-------------|-------------|-------------|-------------|-----------------|
| Performance Measure: Bridges (1 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 | 2,120.0 | 2,120.0 |
| Post Condition | Square feet | 2,120.0 | 0.0 | 0.0 | 2,120.0 |

| | | | | | | | |
|--|--|------------------|---|--|---|--|---|
| 2 04-Ala-80 2904C 0420000167 0W050 | In Alameda and Contra Costa Counties, on Routes 4, 13, 24, 61, 80, 84, 92, 112, 123, 185, 238, 242, 260, 262, 580, 680, and 880, and 980 at various locations. Install trash capture devices. | 25-26 201.335 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$969 \$1,028 \$28 \$574 \$20 <u>\$924</u> \$3,543 | Prior 24-25 24-25 25-26 25-26 25-26 25-26 | \$969 \$7,978 \$278 \$7,574 \$420 <u>\$31,724</u> \$48,943 | Prior 24-25 24-25 25-26 25-26 25-26 25-26 |
| | <u>Performance Measure</u> 43.3 Acres treated/pollutant 323.3 Acres treated/pollutant | | | | | | |

Note: Add trash capture devices to capture trash from specified tributary areas. Increase PS&E, R/W support and capital, and construction support and capital, and update project location description to add routes. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

List of 2022 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-CC-24 R0.01 0480B 0414000011 0J540 | In Orinda, at the Caldecott Tunnel No. 28-0015R, 28-0015, and 28-0015L. Rehabilitate Caldecott Tunnel Bores 1, 2, and 3. <u>Performance Measure</u> 3 Bridge(s) | 25-26 201.110 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$6,269 \$6,374 \$184 \$12,090 \$253 \$42,320 \$69,487 | Prior 24-25 24-25 25-26 25-26 25-26 25-26 | \$6,269 \$14,400 \$184 \$20,850 \$253 \$163,000 \$204,956 | Prior 24-25 24-25 25-26 25-26 25-26 25-26 |

Note: Upgrade system to improve fire fighting, smoke management, and ventilation performance. These changes have resulted in PS&E and construction support and capital cost increases. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

| | | | | | |
|--|-------------|-------------|-------------|-------------|-----------------|
| Performance Measure: Bridges (3 Bridge(s)) | | | | | |
| | <u>Unit</u> | <u>Good</u> | <u>Fair</u> | <u>Poor</u> | <u>Quantity</u> |
| Existing Condition | Square feet | 0.0 | 785,287.0 | 0.0 | 785,287.0 |
| Post Condition | Square feet | 785,287.0 | 0.0 | 0.0 | 785,287.0 |

| | | | | | | | |
|--|--|------------------|---|--|---|---|---|
| 4 04-Mrn-1 22.8/33.0 1480A 0414000403 1J960 | Near Point Reyes Station and Olema, from Olema Creek Bridge to north of Cypress Road; also near Tomales, from south of Tomales-Petaluma Road to south of Valley Ford Road (PM 45.0/50.5). Pavement rehabilitation, improve drainage, and upgrade Americans with Disabilities Act (ADA) facilities. | 21-22 201.121 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$1,320 \$2,500 \$350 \$2,300 \$817 \$24,545 \$31,832 | Prior Prior Prior 21-22 21-22 21-22 21-22 | \$1,320 \$2,500 \$350 \$2,300 \$817 \$23,096 \$30,383 | Prior Prior Prior 21-22 21-22 21-22 21-22 |
| <u>Performance Measure</u> 27.8 Lane mile(s) | | | | | | | |

Concurrent CONST and CON ENG allocation under Resolution FP-23-15; August 2023.

Note: Split plant establishment and monitoring work into project EA 1J961/PPNO 04-2921W from parent project EA 1J960/PPNO 04-1480A.

| | | | | | |
|-------------------------------|--------------|-------------|-------------|-------------|-----------------|
| 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 | 20.0 | 7.8 | 27.8 |
| Post Condition | Lane mile(s) | 27.8 | 0.0 | 0.0 | 27.8 |

List of 2022 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 04-Mrn-1 22.8/33.0 2921W 0423000303 1J961 | Near Point Reyes Station and Olema, from Olema Creek Bridge to north of Cypress Road; also near Tomales, from south of Tomales-Petaluma Road to south of Valley Ford Road (PM 45.0/50.5). Plant establishment and monitoring work for pavement rehabilitation project EA 1J960. | 25-26 201.121 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$0 \$300 23-24 \$20 23-24 \$544 25-26 \$10 25-26 <u>\$575 25-26</u> \$1,449 |
| | <u>Performance Measure</u> 0.0 Lane mile(s) | | | |

Note: Split plant establishment and monitoring work into project EA 4J961/PPNO 04-2921W from parent project EA 1J960/PPNO 04-1480A.

| | | | | | |
|---|--|---|---|--|---|
| 6 04-Mrn-37 R11.2/14.6 R11.2/13.8 5200 0419000376 4Q320 | In and near Novato, from Route 101 to Sonoma County line; also in Sonoma County on Route 37, from Marin County line to Route 121 (PM 0.0/3.9) from Route 101 to Atherton Avenue. Reconstruct the roadway to address sea level rise and recurrent flooding. | 48-49 25-26 201.999 | PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total | \$10,000 Prior \$0 \$0 \$0 \$0 <u>\$0</u> \$10,000 | \$10,000 Prior \$0 \$100 23-24 \$25,000 25-26 \$200 25-26 <u>\$130,000 25-26</u> \$165,300 |
| | Additional contribution of \$20,000,000 for PS&E from the General Fund provided by Assembly Bill 178 (AB 178). | | | | |
| | Long Lead Project | | | | |
| | <u>Performance Measure</u> 7.3 Centerline mile(s) 2.5 Centerline mile(s) | | | | |

Future SB1 Baseline Agreement required.

Note: Add contribution note to description, this is a local contribution from the Transportation Authority of Marin (TAM). Update postmiles and performance to reflect updated project scope. Fund and schedule all phases. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

**List of 2022 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-SB-154 R5.7/R6.2 2674Y 0522000058 1H311 | In Santa Ynez, from 0.3 mile east to 0.2 mile west of Edison Street/Baseline Avenue. Landscape mitigation for operational improvement project EA 1H310. | 24-25 201.310 | PA&ED PS&E R/W Sup Con Sup R/W Cap Const Cap Total | \$0 \$400 23-24 \$0 \$480 24-25 \$0 \$420 24-25 \$1,300 |
| | <u>Performance Measure</u> 0.0 Daily vehicle hour(s) of delay (DVHD) | | | |

Note: Split planting and plant establishment into project EA 1H311/PPNO 05-2674Y from parent project EA 1H310/PPNO 05-2674.

| | | | | | |
|---|---|------------------|--|--|---|
| 8 05-SB-154 R5.8/R6.1 R5.7/R6.2 2674 0516000060 1H310 | In Santa Ynez, from 0.2 0.3 mile east to 0.4 0.2 mile west of Edison Street/Baseline Avenue. Construct a roundabout to improve operations and safety. | 21-22 201.310 | PA&ED PS&E R/W Sup Con Sup R/W Cap Const Cap Total | \$793 Prior \$1,440 Prior \$418 Prior \$1,614 21-22 \$188 21-22 \$6,827 21-22 \$11,280 | \$793 Prior \$1,440 Prior \$418 Prior \$1,614 21-22 \$188 21-22 \$5,527 21-22 \$9,980 |
| | <u>Performance Measure</u> 10.0 Daily vehicle hour(s) of delay (DVHD) | | | | |
| | Concurrent CONST and CON ENG allocation under Resolution FP-23-04; August 2023. | | | | |

Note: Update project description and postmile. Split planting and plant establishment into project EA 1H311/PPNO 05-2674Y from parent project EA 1H310/PPNO 05-2674.

List of 2022 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 Mojave, from 0.5 mile north of Silver Queen | 26-27 | PA&ED | \$1,694 | Prior | \$1,694 | Prior |
| 09-Ker-14 | Road to 0.6 mile north of Business Route 58 (north). | 201.120 | PS&E | \$0 | 23-24 | \$2,200 | 23-24 |
| R12.6/16.7 | Rehabilitate roadway, install Transportation | | R/W Sup | \$0 | 23-24 | \$3,000 | 23-24 |
| 2654 | Management System (TMS) elements, upgrade | | * Con Sup | \$3,149 | 26-27 | \$3,149 | 26-27 |
| 0918000036 | facilities to Americans with Disabilities Act (ADA) | | * R/W Cap | \$915 | 26-27 | \$915 | 26-27 |
| 37520 | standards, replace bridge railing, and enhance | | * <u>Const Cap</u> | <u>\$36.034</u> | 26-27 | <u>\$36.034</u> | 26-27 |
| | highway worker safety. | | Total | \$41,792 | | \$46,992 | |

Long Lead Project

* Phase not authorized

Performance Measure

21.0 Lane mile(s)

Concurrent COS allocation under Resolution
FP-23-16; August 2023.

Note: Update and program PS&E and R/W support phases of this long lead project. Increase PS&E to allow the use of Architect & Engineering contractors to assist design. Decrease R/W support due to refined project information and reduction of parcels.

| | | | | | |
|-------------------------------|--------------|-------------|-------------|-------------|-----------------|
| Performance Measure: Pavement | | | | | |
| | <u>Unit</u> | <u>Good</u> | <u>Fair</u> | <u>Poor</u> | <u>Quantity</u> |
| Existing Condition | Lane mile(s) | 0.8 | 18.8 | 1.4 | 21.0 |
| Post Condition | Lane mile(s) | 21.0 | 0.0 | 0.0 | 21.0 |