

## MEMORANDUM

To: CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: January 25-26, 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 22H-016**

### **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-016?

### **RECOMMENDATION:**

The Department recommends that the Commission approve SHOPP Amendment 22H-016 that will amend the 2022 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 17 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	7	\$0	\$38,513	\$0	\$0
Collision Reduction	5	\$0	\$1,287	\$0	\$27,339
Mandates	4	\$0	\$20,831	\$0	\$0
Multiple Objectives	1	\$0	\$0	\$0	\$11,707
Total New Amendments	17	\$0	\$60,631	\$0	\$39,046

*"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) 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.

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 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 03-But-99 R31.498 2450 0324000120 0N480	In Chico, at East 20th Street Overcrossing No. 12-0169. Repair damaged bridge girders.  <u>Note:</u> On October 25, 2023, the overcrossing was hit by a high-load truck traveling in southbound direction. The impact damaged several girders of the bridge, resulting in spalling of the girder concrete and bending of the reinforcing steel. This project will repair the damaged bridge girders. Abatement is being sought from the responsible party.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$200 \$0 \$800 \$1,000	23-24 23-24  201.130 Assembly: 3 Senate: 1 Congress: 1  1.0 Location(s)
2 03-But-99 R36.305 2449 0324000119 0N470	Near Chico, at Eaton Road Overcrossing No. 12-0160. Repair damaged bridge girder.  <u>Note:</u> On October 25, 2023, the overcrossing was hit by a high-load truck traveling in southbound direction. The impact damaged the outermost girder of the bridge, resulting in spalling of the girder concrete and bending of the reinforcing steel. This project will repair the damaged bridge girder. Abatement is being sought from the responsible party.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$130 \$0 \$450 \$580	23-24 23-24  201.130 Assembly: 3 Senate: 1 Congress: 1  1.0 Location(s)
3 03-Sac-50 L2.13 6265 0324000162 0N620	In the city of Sacramento, at 5900 Folsom Boulevard. Repair Heating, Ventilation and Air Conditioning (HVAC) system at the Transportation Laboratory.  PA&ED: N/A R/W: N/A RTL: N/A BC: N/A  Concurrent CONST and CON ENG allocation under Resolution FP-23-64; January 2024.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$3,500 \$0 \$15,000 \$18,500	23-24 23-24  201.131 Assembly: 6 Senate: 8 Congress: 7  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.
4 06-Fre-99 23.3 8096 0624000186 1G350	In the city of Fresno, at the District 6 Office Materials Laboratory (1352 W. Olive Avenue). Upgrade facility Heating, Ventilation and Air Conditioning (HVAC) system, upgrade and replace electrical components, replace dust collection system, and install new fume hoods, motors, and ducts for California Occupational Safety and Health Agency (Cal OSHA) compliance.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$1,653 \$0 <u>\$2,755</u> \$4,408	23-24 23-24
	PA&ED: N/A R/W: N/A RTL: N/A BC: 9/30/2024				201.131 Assembly: 31 Senate: 14 Congress: 21 1.0 Location(s)
	Concurrent CONST and CON ENG allocation under Resolution FP-23-64; January 2024.				
5 07-LA-101 1.4 6139 0724000096 2XK50	In the city of Los Angeles, at Temple Street offramp Overcrossing No. 53-0102K, Grand Avenue onramp Overcrossing No. 53-0103S, and Figueroa Street Undercrossing No. 53-0623L/R. Repair bridge damage and install hardened gate.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$260 \$0 <u>\$1,090</u> \$1,350	23-24 23-24
	<u>Note:</u> In August 2023, it was discovered that people experiencing homelessness had entered the state right-of-way and established unsheltered encampments. They had broken through soffits, broken into bridge cells, tapped into streetlight electrical systems, and started fires inside bridge cells. This project will secure the areas around bridge structures, secure soffit openings and repair bridge damage, and replace the existing chain link fence with a hardened gate.				

## 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 07-Ven-126 20.3 5834 0723000028 1XW10	In Fillmore, at the Fillmore Maintenance Station at 1261 Ventura Street. Restore damaged facilities by reconstructing a storage building, work shop, wash rack, and fuel island.  PA&ED: N/A R/W: N/A RTL: 11/30/2023 BC: 3/1/2024  Concurrent CONST and CON ENG allocation under Resolution FP-23-64; January 2024.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap Const Cap Total	\$0 \$0 \$0 \$900 \$0 \$3,900 \$4,800	23-24 23-24 23-24 23-24 23-24 23-24 23-24	201.131 Assembly: 38 Senate: 21 Congress: 26 1.0 Location(s)
7 11-Imp-8 R4.6R/R8.6R 1542 1124000050 43217	Near Ocotillo, from 5.7 to 1.7 miles west of Route 98 (left and right alignments). Repair storm damage, including pavement repairs, rock scaling, boulder removal, and guardrail replacement.  Note: On August 20, Tropical Storm Hillary brought heavy winds and rain, bringing flash flooding and rock slides, and causing damage to pavement, guardrail, and other highway assets. This project will remove boulders, perform blasting, rock scaling, repair pavement, repair fencing, and restore eroded and washed out areas.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap Const Cap Total	\$0 \$0 \$0 \$875 \$0 \$7,000 \$7,875	23-24 23-24 23-24 23-24 23-24 23-24 23-24	201.130 Assembly: 36 Senate: 18 Congress: 25 4.0 Location(s)
8 03-Yol-16 37.524 8672 0323000088 4J120	Near Woodland, at the intersection with County Road 95. Construct intersection improvements.  PA&ED: 8/15/2024 R/W: 7/10/2025 RTL: 7/15/2025 BC: 1/15/2026  Concurrent COS allocation under Resolution FP-23-65; January 2024.	25-26	PA&ED PS&E R/W Sup Con Sup R/W Cap Const Cap Total	\$560 \$620 \$300 \$750 \$70 \$3,590 \$5,890	23-24 24-25 24-25 25-26 25-26 25-26 25-26	201.010 Assembly: 4 Senate: 3 Congress: 4 0.05 Annual fatal and serious injury collision(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.
9 07-LA-60 9.465/19.521 5991 0722000264 38910	In and near South El Monte and City of Industry, from Route 164 to Fullerton Road. Install High Friction Surface Treatment (HFST) on ramps.  PA&ED: 11/10/2024 R/W: 11/21/2025 RTL: 12/21/2025 BC: 9/25/2026	25-26	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$361 \$637 \$1 \$656 \$3 <u>\$1,475</u> \$3,133	23-24 24-25 24-25 25-26 25-26 25-26 25-26 201.010 Assembly: 56 Senate: 22, 30 Congress: 31, 38  0.18 Annual fatal and serious injury collision(s)
Concurrent COS allocation under Resolution FP-23-65; January 2024.					
10 08-Riv-62 R3.0/R3.7 3021M 0823000063 1N880	In and Near Desert Hot Springs, at the intersection with Pierson Boulevard. Install traffic signals.  PA&ED: 7/11/2025 R/W: 10/1/2026 RTL: 11/1/2026 BC: 5/9/2027	26-27	PA&ED PS&E R/W Sup * Con Sup * R/W Cap <u>* Const Cap</u> Total	\$1,287 \$1,744 \$192 \$1,756 \$268 <u>\$3,299</u> \$8,546	23-24 25-26 25-26 26-27 26-27 26-27 26-27 201.010 Assembly: 47 Senate: 19 Congress: 25  0.65 Annual fatal and serious injury collision(s)
Concurrent COS allocation under Resolution FP-23-65; January 2024.					
* Phase not authorized					
11 08-Riv-371 67.1/67.4 3021J 0823000053 1N530	Near Temecula, from 0.1 mile west to 0.2 mile east of Homestead Road. Construct westbound left-turn lane and retaining walls, and rehabilitate drainage system.  PA&ED: 3/3/2025 R/W: 10/1/2025 RTL: 11/3/2025 BC: 7/2/2026	25-26	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,599 \$1,273 \$226 \$1,288 \$94 <u>\$2,164</u> \$6,644	23-24 24-25 24-25 25-26 25-26 25-26 25-26 201.010 Assembly: 36 Senate: 32 Congress: 25  0.04 Annual fatal and serious injury collision(s)
Concurrent COS allocation under Resolution FP-23-65; January 2024.					

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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.
12 10-Mer-152 R0.73/R4.82 3622 1023000009 1Q390	Near San Luis Reservoir, from 1.0 mile east of Dinosaur Point Road to 0.6 mile west of Cottonwood Creek. Install new and upgrade existing guardrail to current standards.  PA&ED: 7/13/2025 R/W: 5/1/2026 RTL: 6/19/2026 BC: 1/15/2027  Concurrent COS allocation under Resolution FP-23-65; January 2024.	25-26	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,966 \$965 \$115 \$1,412 \$52 \$5,226 \$9,736	23-24 25-26 25-26 25-26 25-26 25-26 25-26 201.015 Assembly: 27 Senate: 14 Congress: 13  0.12 Annual fatal and serious injury collision(s)
13 04-SCI-Var Var 2924V 0424000172 0X840	In San Clara County, on Routes 85, 87, 280, and 680 at various locations. Construct permanent Full Trash Capture (FTC) devices to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture. Financial Contribution Only (FCO) to the City of San Jose.  PA&ED: N/A R/W: N/A RTL: 1/29/2024 BC: N/A	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$0 \$0 \$10,125 \$10,125	23-24 201.335 Assembly: 24, 25, 26, 28 Senate: 10, 15 Congress: 16, 17, 18, 19  203.1 Acre(s) treated/pollutant
14 04-SM-1 R44.8/46.0 2924T 0424000171 0X830	In Pacifica, from 0.3 mile south to 0.9 mile north of Manor Drive. Construct permanent Full Trash Capture (FTC) devices to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture. Financial Contribution Only (FCO) to the City of Pacifica.  PA&ED: N/A R/W: N/A RTL: 1/29/2024 BC: N/A	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$0 \$0 \$1,440 \$1,440	23-24 201.335 Assembly: 23 Senate: 13 Congress: 16  31.4 Acre(s) treated/pollutant

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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.
15 04-SM-1 R46.7/R47.8 2924S 0424000170 0X820	In Daly City, from Route 35 to Route 280. Construct permanent Full Trash Capture (FTC) devices to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture. Financial Contribution Only (FCO) to the Town of Colma.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$0 \$0 <u>\$7,041</u> \$7,041	23-24 201.335 Assembly: 19 Senate: 11 Congress: 15 161.0 Acre(s) treated/pollutant
	PA&ED: N/A R/W: N/A RTL: 1/29/2024 BC: N/A				
16 04-SM-101 0.9/1.9 2925D 0424000205 0X930	In East Palo Alto, from University Avenue to Willow Road. Construct permanent Full Trash Capture (FTC) devices to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture. Financial Contribution Only (FCO) to the City of East Palo Alto.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$0 \$0 <u>\$2,225</u> \$2,225	23-24 201.335 Assembly: 21 Senate: 13 Congress: 15 13.4 Acre(s) treated/pollutant
	PA&ED: N/A R/W: N/A RTL: 1/29/2024 BC: N/A				
17 05-SCr-9 19.2 2880F 0523000059 1K901	At the San Lorenzo River, in Castle Rock State Park. Replace Waterman Gap culvert with a bridge to improve fish passage. Includes federal Culvert Aquatic Organism Passage (AOP) Grant amount of \$6,000,000. (Additional contribution of \$2,000,000 from State Parks.)	25-26	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$300 \$2,824 \$387 \$1,888 \$55 <u>\$6,253</u> \$11,707	23-24 23-24 23-24 25-26 25-26 25-26 201.999 Assembly: 28 Senate: 17 Congress: 19 1.0 Location(s)
	PA&ED: 3/1/2024 R/W: 3/12/2026 RTL: 4/10/2026 BC: 9/1/2026				
	Concurrent COS allocation under Resolution FP-23-65; January 2024.				



## 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 01-Hum-101 56.6/R137.1 2498 0117000246 0H650	In and near Fortuna, Eureka, Arcata, and Trinidad, from 1.0 mile south of Route 36/Fowler Lane to Del Norte County line at various locations. Replace and rehabilitate culverts, construct and repair Transportation Management System (TMS) elements, and replace lighting, and construct maintenance vehicle pullouts.	24-25 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,560 \$1,368 \$426 \$2,524 \$1,175 <del>\$16,193</del> \$23,246	Prior Prior Prior 24-25 24-25 24-25 24-25	\$1,560 \$1,368 \$426 \$2,524 \$1,175 <b>\$22,888</b> <b>\$29,941</b>	Prior Prior Prior 24-25 24-25 24-25 24-25

Performance Measure

~~74 Culvert(s)~~

**70 Culvert(s)**

Note: Increase construction capital because culvert construction methodology was changed from culvert lining to the more expensive jack-and-bore method. To improve worker safety, maintenance vehicle pullouts were also added to the project. Update performance to correct erroneous data.

Performance Measure: Culvert(s) (70 Each)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet	166.0	550.0	6,011.0	6,727.0
Post Condition	Linear feet	7,072.8	0.0	0.0	7,072.8

2 01-Hum-254 0.0/43.0 2484 0117000140 0H240	Near Weott and Miranda, from north of Route 101 to 1.9 miles north of Holmes Flat Road at various locations. Rehabilitate culverts, reduce sediment loads to South Fork Eel River, and remove fish passage barriers. <b>Includes federal Culvert Aquatic Organism Passage (AOP) Grant amount of \$5,000,000.</b>	25-26 <del>201.151</del> <b>201.999</b>	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$4,477 \$2,692 \$1,069 <del>\$4,025</del> \$700 <del>\$23,757</del> \$36,720	Prior 23-24 23-24 25-26 25-26 25-26 25-26	\$4,477 \$2,692 \$1,069 <b>\$4,425</b> \$700 <b>\$28,357</b> <b>\$41,720</b>	Prior 23-24 23-24 25-26 25-26 25-26 25-26
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Performance Measure

~~55 Culvert(s)~~

**44.0 Location(s)**

Note: Increase construction support and capital to include AOP Grant to upgrade two locations from culvert replacement scope to bridge construction in order to remediate fish passage barriers. Changed program code to Sustainability and Miscellaneous Program because a grant has been obtained for this project.

## 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 01-Men-1 4.64 4629 0116000041 0F650	Near Anchor Bay, at Sunset Drive; also near Fort Bragg, at Tregoning Drive (PM 58.78). Improve fish passage. Includes federal Culvert Aquatic Organism Passage (AOP) Grant amount of \$15,000,000.	25-26 <del>201.154</del> <b>201.999</b>	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,727 \$1,825 \$200 \$2,935 \$350 <u>\$15,100</u> \$22,137	Prior 24-25 24-25 25-26 25-26 25-26 25-26	\$1,727 \$1,825 \$200 \$2,935 \$350 <u>\$15,100</u> \$22,137	Prior 24-25 24-25 25-26 25-26 25-26 25-26
	<u>Performance Measure</u> 3 Culvert(s) <b>2.0 Location(s)</b>						

Note: Changed program code to Sustainability and Miscellaneous Program because a grant has been obtained for this project.

4 01-Men-101 <del>10.8/11.2</del> <b>10.7/11.2</b> 4675 0117000115 0H140	Near Hopland, from <del>north of</del> Feliz Creek Bridge to north of First Street. Upgrade facilities to Americans with Disabilities Act (ADA) standards, rehabilitate pavement, and upgrade signs, guardrail, and Transportation Management System (TMS) elements.	24-25 201.361	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,522 \$1,300 \$864 <del>\$998</del> <del>\$804</del> <u>\$10,826</u> \$16,316	Prior Prior Prior 24-25 24-25 24-25	\$1,522 \$1,300 \$864 <b>\$2,518</b> <b>\$1,110</b> <u>\$15,412</u> <b>\$22,726</b>	Prior Prior Prior 24-25 24-25 24-25
	<u>Performance Measure</u> 18 Curb ramp(s)						

Note: Update postmiles and description to better reflect the project limits. Additional construction capital is needed as alignment adjustments need to be made resulting in significant quantity increases in roadway excavation, pavement structural section, and drainage. Additional construction support is needed due to increase in number of working days and need for tribal monitors. Additional R/W capital is needed due to increase in number of parcels and utility conflicts.

Performance Measure: Curb ramps					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Each	0.0	0.0	14.0	14.0
Post Condition	Each	18.0	0.0	0.0	18.0

## 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 01-Men-128 17.9/30.7 4744 0119000130 OK000	Near Boonville, from Mill Creek Bridge to Robinson Creek Bridge. Rehabilitate pavement, upgrade Transportation Management System (TMS) elements, guardrails, and sign panels, upgrade facilities to Americans with Disabilities Act (ADA) standards, and construct complete streets elements.	25-26 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,439 \$1,778 \$460 \$2,648 <del>\$106</del> <del>\$10,403</del> \$24,834	Prior 23-24 23-24 25-26 25-26 25-26 25-26	\$1,439 \$1,778 \$460 \$2,648 <b>\$172</b> <b>\$21,057</b> <b>\$27,554</b>	Prior 23-24 23-24 25-26 25-26 25-26 25-26

Performance Measure

25.3 Lane mile(s)

Note: Increase in R/W capital and construction capital is because of the complete street work that was added to the project such as addition of bike lanes in both directions, and sidewalk and curb ramp improvements.

Performance Measure:					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.0	25.3	0.0	25.3
Post Condition	Lane mile(s)	25.3	0.0	0.0	25.3

6 03-ED-50 18.7/21.9 3337 0319000280 0J400	In and near Placerville, from west of Carson Road Overcrossing to west of Still Meadows Road; also at 5 Mile Road in westbound direction (PM 22.6/22.9); also near Camino, from 1.1 miles west of Snow Road Undercrossing to east of <del>Sawmill</del> <b>Ridgeway Drive</b> Undercrossing (PM 24.2/R29.1). Rehabilitate pavement, construct acceleration lane, upgrade facilities to Americans with Disabilities Act (ADA) standards, rehabilitate drainage systems, upgrade concrete barrier, signs, and Transportation Management System (TMS) elements, and construct maintenance vehicle pullouts.	24-25 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$2,250 \$2,310 \$500 \$3,800 \$760 <u>\$36,150</u> \$45,770	Prior 23-24 23-24 24-25 24-25 24-25 24-25	\$2,250 \$2,310 \$500 \$3,800 \$760 <u>\$36,150</u> \$45,770	Prior 23-24 23-24 24-25 24-25 24-25 24-25
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Performance Measure

29.8 Lane mile(s)

Note: Update project description to correct the name of the undercrossing.

Performance Measure:					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.0	29.8	0.0	29.8
Post Condition	Lane mile(s)	29.8	0.0	0.0	29.8

## 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)				
7 03-Pla-80 50.7 5141 0319000296 0J550	Near Emigrant Gap, at the Whitmore Maintenance Station. Upgrade maintenance station, rehabilitate water and wastewater system, and install electric vehicle chargers, <b>replace sand storage building, relocate fiber network equipment, install closed circuit televisions, and upgrade communication line.</b>	24-25 201.352	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$490 \$1,500 \$30 <del>\$1,930</del> \$10 <del>\$10,730</del> \$14,690	Prior Prior Prior 24-25 24-25 24-25 24-25	\$490 \$1,500 \$30 <b>\$2,130</b> \$10 <b>\$15,579</b> <b>\$19,739</b>	Prior Prior Prior 24-25 24-25 24-25 24-25

Performance Measure

1.0 Location(s)

Note: After detailed evaluation of the existing facilities, additional scope, such as replacing sand storage building, relocating fiber network equipment, installing closed circuit televisions, and upgrading communication line, were added to the project. This resulted in an increase in construction support and capital. Update description to remove reference to wastewater system as the existing system is working in good condition and does not need replacing.

Performance Measure:					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square Feet	0.0	0.0	49,456.0	49,456.0
Post Condition	Square Feet	49,456.0	0.0	0.0	49,456.0

8 03-Sac-99 Var 6932 0319000303 0J620	In and near Galt and city of Sacramento, on Routes 99 and 51 at various pump plant locations. Rehabilitate and improve access to five pump plants.	25-26 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$620 \$1,890 \$50 \$2,570 \$50 <del>\$13,400</del> \$18,580	Prior 23-24 23-24 25-26 25-26 25-26 25-26	\$620 \$1,890 \$50 \$2,570 \$50 <b>\$17,380</b> <b>\$22,560</b>	Prior 23-24 23-24 25-26 25-26 25-26 25-26
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Concurrent COS allocation under Resolution FP-23-65; January 2024.

Note: Increase construction capital due to higher costs for various items, such as traffic-rated grating and hatch, railings and ladders, concrete pads, staircase, and storage box.

Performance Measure: (5 Each)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Pump plant(s)	0.0	0.0	5.0	5.0
Post Condition	Pump plant(s)	5.0	0.0	0.0	5.0

## 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)			
9 04-Nap-29 11.6/13.0 2022G 0418000159 0Q820	In Napa, from First Street to 0.1 mile south of Redwood Road/Trancas Street. Repair culvert.	21-22 201.131	PA&ED	\$1,437	Prior	\$1,437	Prior
			PS&E	\$1,792	Prior	\$1,792	Prior
			R/W Sup	\$152	Prior	\$152	Prior
			Con Sup	\$1,228	21-22	\$1,228	21-22
			R/W Cap	\$44	21-22	\$44	21-22
			<u>Const Cap</u>	<u>\$13,403</u>	21-22	<u>\$12,591</u>	21-22
			Total	\$18,056		\$17,244	
	Concurrent CONST and CON ENG allocation under Resolution FP-23-64; January 2024.						

Note: Split environmental mitigation planting work into project EA 0Q82A/PPNO 04-2923W from parent project EA 0Q820/PPNO 04-2022G.

10 04-Nap-29 11.6/13.0 2923W 0424000106 0Q82A	In Napa, from First Street to 0.1 mile south of Redwood Road/Trancas Street. Environmental mitigation planting for project EA 04-0Q820.	25-26 201.131	PA&ED	\$0			
			PS&E	\$310			24-25
			R/W Sup	\$3			24-25
			Con Sup	\$246			25-26
			R/W Cap	\$0			
			<u>Const Cap</u>	<u>\$253</u>			<u>25-26</u>
			Total	\$812			

Note: Split environmental mitigation planting work into project EA 0Q82A/PPNO 04-2923W from parent project EA 0Q820/PPNO 04-2022G.

11 05-SLO-101 61.7/62.2 2766Y 0521000088 1J781	Near Paso Robles, from 0.7 mile north of Exline Road to 1.0 mile south of Monterey Road. Landscape mitigation for safety project EA 1J780.	24-25 201.010	PA&ED	\$0			
			PS&E	\$247			23-24
			R/W Sup	\$16			23-24
			Con Sup	\$460			24-25
			R/W Cap	\$0			
			<u>Const Cap</u>	<u>\$277</u>			<u>24-25</u>
			Total	\$1,000			

Note: Split landscape mitigation planting into project EA 1J781/PPNO 05-2766Y from parent project EA 1J780/PPNO 05-2766.

## 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)				
12 05-SLO-101 <del>61.9</del> <b>61.7/62.2</b> 2766 0518000052 1J780	<del>Near Wellsona, at the intersection of Route 101 and Wellsona Road.</del> <b>Near Paso Robles, from 0.7 mile north of Exline Road to 1.0 mile south of Monterey Road.</b> Improve safety by constructing an undercrossing.	21-22 201.010	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,373 \$3,386 \$546 \$3,286 \$1,820 <del>\$15,019</del> \$25,430	Prior Prior Prior 21-22 21-22 21-22 21-22	\$1,373 \$3,386 \$546 \$3,286 \$1,820 <b>\$14,019</b> <b>\$24,430</b>	Prior Prior Prior 21-22 21-22 21-22 21-22
	<u>Performance Measure</u> 0.22 Annual fatal and serious injury collision(s)						

Note: Update postmile and location description to better reflect the project limits. Split landscape mitigation planting into project EA 1J781/PPNO 05-2766Y from parent project EA 1J780/PPNO 05-2766.

13 06-Ker-5 4.4/10.2R 6980 0618000063 0W920	Near Grapevine, from south of Fort Tejon Road to Grapevine Road Undercrossing. Rehabilitate roadway <b>in northbound direction with continously reinforced concrete pavement and jointed plain concrete</b> , replace signs, upgrade guardrail and Transportation Management System (TMS) elements, and rehabilitate drainage systems and lighting.	24-25 201.122	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$2,908 \$3,252 \$101 \$8,328 \$100 <del>\$80,969</del> \$95,658	Prior 23-24 23-24 24-25 24-25 24-25 24-25	\$2,908 \$3,252 \$101 \$8,328 \$100 <b>\$90,969</b> <b>\$105,658</b>	Prior 23-24 23-24 24-25 24-25 24-25 24-25
	<u>Performance Measure</u> 23.2 Lane mile(s)						

Note: Update postmile and pavement rehabilitation strategy with climate resilient concrete pavement in northbound direction. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure:					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.1	23.0	0.1	23.2
Post Condition	Lane mile(s)	23.2	0.0	0.0	23.2

## 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)			
14 06-Kin-41 28.4/R39.8 6935 0617000304 0W820	Near Stratford, from Nevada Avenue to Route 198. Rehabilitate pavement, replace signs, upgrade guardrail, construct rumble strips, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	23-24 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,800 \$1,800 \$130 <del>\$3,100</del> \$170 <del>\$16,400</del> \$23,400	Prior Prior Prior 23-24 23-24 23-24 23-24	\$1,800 \$1,800 \$130 <b>\$2,765</b> \$170 <b>\$15,944</b> <b>\$22,609</b>
	<u>Performance Measure</u> 23.0 Lane mile(s)					

Concurrent CONST and CON ENG allocation under  
Resolution FP-23-64; January 2024.

Note: Split revegetation and monitoring work into project EA 0W822/PPNO 06-8092 from parent project EA 0W820/PPNO 06-6935.

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

15 06-Kin-41 28.4/R39.8 8092 0624000107 0W822	Near Stratford, from Nevada Avenue to Route 198. Environmental mitigation for revegetation and monitoring for pavement rehabilitation project 0W820.	25-26 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$60 \$80 \$0 \$150 \$0 <b>\$501</b> <b>\$791</b>	24-25 24-25  25-26  <b>25-26</b>
	<u>Performance Measure</u> 0.0 Lane mile(s)				

Note: Split revegetation and monitoring work into project EA 0W822/PPNO 06-8092 from parent project EA 0W820/PPNO 06-6935.

## 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)				
16 08-Riv-10 R0.0/R4.4 3011W 0818000089 1J650	In Calimesa, from the San Bernardino County line to east of Brookside Avenue. Rehabilitate roadway, improve highway worker safety, upgrade median barrier, signs, guardrail, drainage, <b>and striping</b> , upgrade facilities to Americans with Disabilities Act (ADA) standards, and construct stormwater Best Management Practices (BMP) to meet requirements of National Pollutant Discharge Elimination System (NPDES) permit.	24-25 201.122	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$2,988 \$3,150 \$318 <del>\$4,937</del> \$56 <del>\$58,006</del> \$69,455	Prior 23-24 23-24 24-25 24-25 24-25 24-25	\$2,988 \$3,150 \$318 <b>\$4,952</b> \$56 <b>\$58,031</b> <b>\$69,495</b>	Prior 23-24 23-24 24-25 24-25 24-25 24-25

Performance Measure

26.2 Lane mile(s)

Note: Add striping enhancement at several locations to this project. Update description and increase construction support and capital due to the added scope. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure:					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.0	18.6	7.6	26.2
Post Condition	Lane mile(s)	26.2	0.0	0.0	26.2

17 08-Riv-10 R4.4/8.2 3011V 0818000088 1J640	In and near Beaumont, from east of Brookside Avenue to Pennsylvania Avenue. Rehabilitate roadway, lighting, and drainage systems, upgrade guardrail, improve highway worker safety, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	25-26 201.122	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$2,261 \$4,755 \$26 \$6,294 \$26 <del>\$53,462</del> \$66,824	Prior 23-24 23-24 25-26 25-26 25-26 25-26	\$2,261 \$4,755 \$26 \$6,294 \$26 <b>\$53,492</b> <b>\$66,854</b>	Prior 23-24 23-24 25-26 25-26 25-26 25-26
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Performance Measure

24.2 Lane mile(s)

Note: Add additional upgraded facilities to this project, including curb ramps and crosswalks. Increase construction capital due to the added scope. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure:					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	1.6	19.5	3.1	24.2
Post Condition	Lane mile(s)	24.2	0.0	0.0	24.2



## 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)				
18 08-Riv-10 R14.6/R16.3 3014Q 0819000122 1K960	In Banning, at the Desert Hills Commercial Vehicle Enforcement Facility (CVEF). Upgrade CVEF, and install an Electronic Screening (E-Screening) system, <b>and upgrade Changeable Message Sign (CMS).</b>	24-25 201.321	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,821 \$2,239 \$202 <del>\$4,045</del> \$33 <del>\$10,179</del> \$18,489	Prior 23-24 23-24 24-25 24-25 24-25 24-25	\$1,821 \$2,239 \$202 <b>\$4,415</b> \$33 <b>\$11,262</b> <b>\$19,972</b>	Prior 23-24 23-24 24-25 24-25 24-25 24-25
	<u>Performance Measure</u> 1.0 Location(s)						

Note: Add upgrade to one Changeable Message Sign (CMS) and also tree removal to this project. Update description and increase construction support and capital due to the added scope and increased working days. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

19 08-Riv-91 13.5/16.8 3015M 0819000162 1L180	In the city of Riverside, from east of Tyler Street to east of Madison Street. Rehabilitate pavement, upgrade guardrail, sign panels, and Transportation Management System (TMS) elements, enhance highway worker safety, and implement stormwater Best Management Practices (BMPs) to capture and remove trash, <b>and improve pedestrian and bicycle infrastructure.</b>	24-25 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,569 \$2,258 \$219 <del>\$3,762</del> \$23 <del>\$19,917</del> \$27,748	Prior 23-24 23-24 24-25 24-25 24-25 24-25	\$1,569 \$2,258 \$219 <b>\$4,037</b> \$23 <b>\$20,256</b> <b>\$28,362</b>	Prior 23-24 23-24 24-25 24-25 24-25 24-25
	<u>Performance Measure</u> 19.6 Lane mile(s)						

Note: Modify scope to include additional upgraded sign panels and also improved sidewalks and re-striped bicycle lanes. Update description and increase construction support and capital due to added scope and increased number of working days. These additional needs will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure:					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.0	13.7	5.9	19.6
Post Condition	Lane mile(s)	19.6	0.0	0.0	19.6

## 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)			
20 08-Riv-215 R31.2/40.5 3015L 0819000158 1L170	In and near the city of Riverside, from north of Ramona Expressway to south of Martin Luther King Boulevard. Rehabilitate pavement, upgrade guardrail and Transportation Management System (TMS) elements, replace roadside sign panels, <b>construct rumble strips, improve pedestrian and bicycle infrastructure</b> , and upgrade facilities to Americans with Disabilities Act (ADA) standards.	24-25 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,851 \$2,346 \$175 \$4,829 \$46 <del>\$46,273</del> \$57,520	Prior Prior Prior 24-25 24-25 24-25 24-25	\$1,851 \$2,346 \$175 \$4,829 \$46 <b>\$49,253</b> <b>\$58,500</b>	Prior Prior Prior 24-25 24-25 24-25 24-25

Performance Measure

65.7 Lane mile(s)

Note: Add scope including additional guardrail and roadside signs, rumble strips, and enhancing existing crosswalks, curb ramps, and re-striping of bicycle lanes. Update description and increase construction capital due to added scope. These additional needs will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure:					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	9.1	56.5	0.1	65.7
Post Condition	Lane mile(s)	65.7	0.0	0.0	65.7

21 08-SBd-15 R110.4/179.4 3016N 0820000092 1L530	Near Zzyzx and Mountain Pass, from Telephone Wash Bridge to Ivanpah Ditch Bridge at various locations. Restore rock slope protection at six bridges to mitigate scour, <b>upgrade bridge rail, sign panels, and apply pavement delineation.</b>	25-26 201.111	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,824 <del>\$1,724</del> \$168 <del>\$2,767</del> \$501 <del>\$6,612</del> \$15,596	Prior 24-25 24-25 25-26 25-26 25-26 25-26	\$1,824 <b>\$2,212</b> \$168 <b>\$3,900</b> \$501 <b>\$11,538</b> <b>\$20,143</b>	Prior 24-25 24-25 25-26 25-26 25-26 25-26
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Performance Measure

6 Bridge(s)

Note: Add safety enhancements to this project, including upgraded bridge rail, sign panels, and applying pavement delineation. Update description and increase PS&E, construction support and capital due to added scope and increased working days. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: (6 Bridge(s))					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	2,497.0	19,440.0	22,152.0	44,089.0
Post Condition	Square feet	44,089.0	0.0	0.0	44,089.0

## 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)			
22 08-SBd-18 57.0/66.9 3016F 0820000076 1L420	Near Big Bear Lake, from 1.4 miles south of Baldwin Lake Road to Camp Rock Road. Rehabilitate pavement and drainage systems, upgrade guardrail, <b>and</b> replace sign panels, <b>construct rumble strips, widen shoulders, and apply pavement delineation.</b>	25-26 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,694 \$1,642 \$944 <del>\$2,872</del> \$150 <del>\$16,303</del> \$23,605	Prior 23-24 23-24 25-26 25-26 25-26 25-26	\$1,694 \$1,642 \$944 <b>\$3,691</b> \$150 <b>\$18,760</b> <b>\$26,881</b>	Prior 23-24 23-24 25-26 25-26 25-26 25-26

Performance Measure  
19.8 Lane mile(s)

Note: Add safety enhancements to this project, including rumble strips, shoulder widening, and pavement delineation. Update description and increase construction support and capital due to added scope and increased number of working days. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure:					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.0	18.4	1.4	19.8
Post Condition	Lane mile(s)	19.8	0.0	0.0	19.8

23 08-SBd-18 66.9/75.6 3015H 0819000159 1L140	Near Lucerne Valley, from Camp Rock Road to Custer Avenue. Rehabilitate pavement, upgrade guardrail and Transportation Management System (TMS) elements, <b>and</b> construct shoulders and rumble strips, <b>and install pedestrian hybrid signals.</b>	25-26 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$3,429 \$2,472 \$3,987 <del>\$2,265</del> \$5,617 <del>\$22,942</del> \$40,712	Prior 23-24 23-24 25-26 25-26 25-26 25-26	\$3,429 \$2,472 \$3,987 <b>\$2,325</b> \$5,617 <b>\$23,342</b> <b>\$41,172</b>	Prior 23-24 23-24 25-26 25-26 25-26 25-26
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Performance Measure  
18.0 Lane mile(s)

Note: Add pedestrian hybrid signals to this project. Update description and increase construction support and capital due to added scope and increased number of working days. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure:					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.0	18.0	0.0	18.0
Post Condition	Lane mile(s)	18.0	0.0	0.0	18.0

## 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)				
24 08-SBd-38 0.0/1.3 3014N 0819000130 1K940	In Redlands, from Route 10 to Occidental Drive; also on spurs from Orange Street to Pearl Avenue (PM S0.372/S0.597) and from Eureka Street to Route 10 (PM S0.598/S0.855). Rehabilitate pavement, upgrade Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards, and construct pedestrian and bicycle infrastructure.	24-25 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap Const Cap Total	\$1,669 \$1,712 \$1,964 <del>\$2,047</del> <del>\$840</del> <del>\$7,740</del> \$15,942	Prior 23-24 23-24 24-25 24-25 24-25 24-25	\$1,669 \$1,712 \$1,964 <b>\$2,272</b> <b>\$1,165</b> <b>\$8,690</b> <b>\$17,472</b>	Prior 23-24 23-24 24-25 24-25 24-25 24-25

Performance Measure

3.8 Lane mile(s)

Concurrent COS allocation under Resolution  
FP-23-65; January 2024.

Note: Add construction of raised cycle track, bicycle and pedestrian counters, and Rectangular Rapid Flashing Beacons (RRFB) to this project. Update description and increase R/W capital and construction support and capital due to added scope and increased working days. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure:

	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.0	3.7	0.1	3.8
Post Condition	Lane mile(s)	3.8	0.0	0.0	3.8

25 08-SBd-38 1.3/4.1 3014G 0819000129 1K860	In <b>and</b> near Redlands, from Occidental Drive to Crafton Avenue. Rehabilitate pavement, upgrade Transportation Management System (TMS) elements, <b>and</b> upgrade facilities to Americans with Disabilities Act (ADA) standards, <b>and construct pedestrian and bicycle infrastructure.</b>	25-26 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,802 \$2,212 \$3,677 <del>\$2,045</del> \$784 <del>\$11,697</del> \$22,217	Prior 23-24 23-24 25-26 25-26 25-26 25-26	\$1,802 \$2,212 \$3,677 <b>\$2,450</b> \$784 <b>\$13,205</b> <b>\$24,130</b>	Prior 23-24 23-24 25-26 25-26 25-26 25-26
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Performance Measure

5.6 Lane mile(s)

Note: Add construction of shoulder widening for Class 2 bike lane and installation of pedestrian and bicycle counters to this project. Update description and increase construction support and capital to reflect the added scope. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure:

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

## 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)				
26 08-SBd-40 R140.0/R141.6 R140.0/R142.2 3020J 0821000091 1M040	In <b>and near</b> Needles, from Fox Wash Overflow to <del>Needles Highway</del> L Street. Grind and replace pavement with Open Graded Asphalt Concrete (OGAC) to reduce wet weather collisions, <b>install high tension cable barrier, and guardrail.</b>	24-25 201.010	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$665 \$876 \$44 <del>\$707</del> \$20 <del>\$1,223</del> \$3,535	Prior 23-24 23-24 24-25 24-25 24-25 24-25	\$665 \$876 \$44 <b>\$1,758</b> \$20 <b>\$4,725</b> <b>\$8,088</b>	Prior 23-24 23-24 24-25 24-25 24-25 24-25
<u>Performance Measure</u> <del>0.67 Annual fatal and serious injury collision(s)</del> <b>0.30 Annual fatal and serious injury collision(s)</b>							

Concurrent COS allocation under Resolution  
FP-23-65; January 2024.

Note: Change performance to reflect new safety calculation method. Change scope to add high tension cable barrier and guardrail to this project. Update postmile limits to encompass cable barrier limits. Increase construction support and capital due to added scope. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

27 08-SBd-127 10.5/37.7 3004C 0815000173 1G200	Near Baker, from 2.3 miles north of Silver Lake Road to 3.8 miles south of the Inyo County line. Rehabilitate pavement, upgrade guardrail, <b>and</b> construct shoulder backing <b>and rumble strips,</b> <b>apply pavement delineation, replace sign panels,</b> <b>install warning signs and Rapid Rectangular</b> <b>Flashing Beacon (RRFB), and improve/construct</b> <b>pedestrian and bicycle infrastructure.</b>	25-26 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,749 <del>\$2,513</del> <del>\$949</del> <del>\$3,427</del> <del>\$92</del> <del>\$36,212</del> \$44,942	Prior 24-25 24-25 25-26 25-26 25-26 25-26	\$1,749 <b>\$2,753</b> <b>\$1,825</b> <b>\$3,677</b> <b>\$405</b> <b>\$38,492</b> <b>\$48,901</b>	Prior 24-25 24-25 25-26 25-26 25-26 25-26
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Performance Measure  
60.7 Lane mile(s)

Note: Add safety and complete street components to this project. Update description and increase PS&E, R/W support and capital, and construction support and capital to reflect the added scope. These additional needs will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure:					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	6.1	54.6	0.0	60.7
Post Condition	Lane mile(s)	60.7	0.0	0.0	60.7

## 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)				
28 08-SBd-210 R24.0 3019V 0821000140 1M560	In the city of San Bernardino, at Waterman Avenue eastbound offramp. Widen offramp to add right-turn lane, <b>and</b> modify traffic signals, <b>and install guardrail.</b>	24-25 201.010	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,424 \$2,091 \$133 <del>\$3,099</del> \$171 <del>\$6,163</del> \$13,075	Prior 23-24 23-24 24-25 24-25 24-25 24-25	\$1,424 \$2,091 \$133 <b>\$3,133</b> \$171 <b>\$6,364</b> <b>\$13,316</b>	Prior 23-24 23-24 24-25 24-25 24-25 24-25
	<u>Performance Measure</u> 0.08 Annual fatal and serious injury collision(s)						

Note: Change scope to add guardrail to this project. Increase construction support and capital due to added scope. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

29 11-SD-78 14.7/15.3 1476 1122000231 43163	In San Marcos, from 0.3 mile west to 0.3 mile east of Mission Road. Modify auxiliary lanes. <b>This is a Construction Manager/General Contractor (CMGC) project.</b>	25-26 201.310	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$1,546 \$850 \$3,050 \$2,041 <u>\$18,550</u> \$26,037		\$0 \$1,546 \$850 \$3,050 \$2,041 <u>\$18,550</u> \$26,037	Prior Prior 25-26 25-26 25-26 25-26
	<u>Performance Measure</u> 204.0 Daily vehicle hour(s) of delay (DVHD)						

Note: Update description to change the project delivery type from design-bid-build to CMGC to save project time and reduce construction risks.