

## MEMORANDUM

**To:** CHAIR AND COMMISSIONERS  
 CALIFORNIA TRANSPORTATION COMMISSION

**CTC Meeting:** June 28-29, 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-009**

**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-009?

**RECOMMENDATION:**

The Department recommends that the Commission approve SHOPP Amendment 22H-009 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 68 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).

<b>2022 SHOPP Summary of New Projects</b>	<b>No.</b>	<b>FY 2021-22 (\$1,000)</b>	<b>FY 2022-23 (\$1,000)</b>	<b>FY 2023-24 (\$1,000)</b>	<b>FY 2024-25 (\$1,000)</b>	<b>FY 2025-26 (\$1,000)</b>
Major Damage Restoration	63	\$0	\$271,688	\$0	\$0	\$31,790
Collision Reduction	3	\$0	\$2,427	\$0	\$0	\$15,091
Mandates	1	\$0	\$0	\$0	\$0	\$16,442
Multiple Objectives	1	\$0	\$0	\$0	\$0	\$20,100
<b>Total New Amendments</b>	<b>68</b>	<b>\$0</b>	<b>\$274,115</b>	<b>\$0</b>	<b>\$0</b>	<b>\$83,423</b>

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

The Department recommends 2 additional new capital projects be amended into the 2022 SHOPP, targeted to the four asset classes highlighted in Senate Bill 1, as detailed in 2.1a.(1b) and summarized below. The amendment would be funded from the Bridge Preservation and Roadway Preservation components of Senate Bill 1 utilizing capacity generated from 2022 SHOPP programming capacity and the Infrastructure Investment and Jobs Act (IIJA). These projects are consistent with the 2022 TAMP.

2022 SHOPP Summary of New Projects	No.	FY 2021-22 (\$1,000)	FY 2022-23 (\$1,000)	FY 2023-24 (\$1,000)	FY 2024-25 (\$1,000)	FY 2025-26 (\$1,000)
Bridge Preservation	1	\$0	\$0	\$0	\$16,837	\$0
Roadway Preservation	1	\$0	\$0	\$0	\$0	\$9,650
Total New Amendments	2	\$0	\$0	\$0	\$16,837	\$9,650

The Department further recommends that the capital projects detailed in 2.1a.(1d), 2.1a.(1e) 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.	
<b>Major Damage Restoration</b>						
1 01-DN-199 Var 7040 0123000082 0M890	In Del Norte and Humboldt Counties, on Routes 101, 169, 197, and 199 at various locations. Remove damaged trees and repair drainage systems, pavement, and slopes.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$75 \$1,650 \$25 <u>\$5,500</u> \$7,250	22-23 22-23 22-23 22-23	201.130 Assembly: 2 Senate: 2 Congress: 2 19.0 Location(s)
<i>Note:</i> On February 24, 2023, a large storm impacted Del Norte and Humboldt Counties, resulting in unusually heavy snowfall. This storm damaged and knocked over multiple trees, impacted drainage systems, and damaged slopes. This project will remove fallen and hazardous trees, repair damaged pavement, drainage systems, and slopes, and apply erosion control.						
2 01-Hum-254 7.0/8.0 2606 0123000097 0M940	Near Miranda, from 0.5 miles north of Redwood Lane to Cathey Road. Repair slip-out, apply erosion control, and repair roadway.	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	22-23 22-23 22-23 22-23	201.130 Assembly: 2 Senate: 2 Congress: 2 1.0 Location(s)
<i>Note:</i> On February 24, 2023, a series of storms brought heavy precipitation, leading to a large slip-out measuring several hundred feet wide, forcing the closure of Route 254. This project will remove debris, stabilize the embankment with Rock Slope Protection (RSP), apply erosion control, and repair the damaged sections of highway.						
3 01-Lak-175 0.0/1.5 3223 0123000095 0M930	Near Lakeport, from the Mendocino County line to 1.5 miles east of the Mendocino County line. Repair slip-out.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$25 \$500 \$25 <u>\$2,200</u> \$2,750	22-23 22-23 22-23 22-23	201.130 Assembly: 4 Senate: 2 Congress: 2 1.0 Location(s)
<i>Note:</i> On February 24, 2023, a large storm brought heavy snow to Lake County. Shortly after, another storm brought warmer weather and rain, which resulted in heavy runoff, leading to a large slip-out. This project will stabilize the embankment with Rock Slope Protection (RSP), improve drainage, and apply erosion control.						

## 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 01-Lak-175 20.5/23.0 3224 0123000121 0N050	Near Whispering Pines, from 0.2 mile west of Arroyo Vista Road to 0.5 mile west of Socrates Mine Road. Stabilize slope and repair damaged pavement and guardrail.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$25 \$450 \$25 <u>\$1,500</u> \$2,000	22-23 22-23 22-23 22-23	201.130 Assembly: 4 Senate: 2 Congress: 4 2.0 Location(s)
<i>Note:</i> On February 24, 2023, a large storm brought heavy snow to Lake County. Shortly after, another storm brought warmer weather and rain, leading to heavy runoff, causing an embankment failure, which created a large gap between the guardrail mat and edge of traveled way of the roadway, with a six inch vertical drop. This project will stabilize the embankment using cast-in-drilled-hole piles, repair the damaged roadway, repair damaged guardrail, and place erosion control.						
5 01-Men-1 Var 4806 0123000081 0M880	In Humboldt, Mendocino, and Lake Counties, on Routes 1, 20, 29, 53, 101, 128, and 175 at various locations. Remove damaged trees and repair drainage systems, pavement, and slopes.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$75 \$2,588 \$25 <u>\$8,625</u> \$11,313	22-23 22-23 22-23 22-23	201.130 Assembly: 2, 4 Senate: 2 Congress: 2, 4 90.0 Location(s)
<i>Note:</i> On February 24, 2023, a large storm impacted Humboldt, Mendocino, and Lake Counties, resulting in unusually heavy snowfall. This storm damaged and knocked over multiple trees, impacted drainage systems, and damaged slopes. This project will remove fallen and hazardous trees, repair damaged pavement, drainage systems, and slopes, and apply erosion control.						
6 02-Plu-70 81.8 3885 0223000166 0K470	Near Beckwourth, at 1.5 miles east of Beckwourth Calpine Road. Fill sinkhole void, replace culvert, and repair roadway.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$150 \$5 <u>\$1,000</u> \$1,155	22-23 22-23 22-23	201.130 Assembly: 1 Senate: 1 Congress: 3 1.0 Location(s)
<i>Note:</i> On February 23, 2023, a sinkhole was discovered in the eastbound lane. This project will provide a temporary repair to keep the route open until the water level subsides, fill the sinkhole void, install a new culvert, and restore roadway surface.						

## 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.	
7 02-Teh-5 Var 3884 0223000165 OK460	In Tehama and Shasta Counties, on Routes 5, 44, 99, and 273 in various locations. Install recessed pavement markers.  <u>Note:</u> In February 2023, Shasta and Tehama Counties experienced a low elevation snow storm which required plowing in areas with surface mounted pavement markers. During the plowing, most of the pavement markers were plowed off. This project will prepare pavement, grind for recessed markers, and install new pavement markers.	22-23	PA&ED	\$0	22-23	201.130 Assembly: 1, 3 Senate: 1 Congress: 1 55.0 Location(s)
			PS&E	\$0		
			R/W Sup	\$0		
			Con Sup	\$200		
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$1,250</u>		
Total	\$1,450					
8 02-Tri-299 6.4 3881 0223000123 OK220	Near Hawkins Bar, at 0.5 mile west of Hansen Road. Install rockfall drapery system.  <u>Note:</u> On December 30, 2022, a slide occurred at this location and a previous emergency project was initiated to clear the material from the roadway. Later inspections in February and March 2023 led to the determination that the slope remains unstable, and will likely continue to deposit material onto the roadway. This project will install a steel mesh drapery to control future rockfall events.	22-23	PA&ED	\$0	22-23	201.130 Assembly: 2 Senate: 2 Congress: 2 1.0 Location(s)
			PS&E	\$0		
			R/W Sup	\$0		
			Con Sup	\$125		
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$500</u>		
Total	\$625					
9 03-But-32 R16.0/R23.0 2124 0323000208 4J570	Near Chico, from 2.0 miles west of Santos Way to 0.6 mile west of Forest Ranch Way. Remove storm damaged trees and debris.  <u>Note:</u> On March 6, 2023, after a series of winter storms, a large number of locations were blocked due to downed trees. This project will remove debris and storm damaged trees.	22-23	PA&ED	\$0	22-23	201.130 Assembly: 3 Senate: 1 Congress: 1 5.0 Location(s)
			PS&E	\$0		
			R/W Sup	\$0		
			Con Sup	\$360		
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$1,800</u>		
Total	\$2,160					

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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.	
10 03-Pla-80 2.0/7.0 5159 0323000207 4J560	In Roseville and Rocklin, from Douglas Boulevard to 0.4 mile west of Sierra College Boulevard. Grind and replace pavement.  <u>Note:</u> Storm events from January 2 through February 17, 2023, combined with heavy traffic have led to the rapid deterioration of pavement in this area, loosened rock chips, and caused numerous windshield damage complaints. This project will grind and replace the damaged pavement layer.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$1,400 \$0 <u>\$7,000</u> \$8,400	22-23 22-23	201.130 Assembly: 5 Senate: 6 Congress: 3 1.0 Location(s)
11 03-Pla-80 27.4 5160 0323000224 4J660	Near Applegate, at the Applegate Road onramp. Remove slide material, round slope, and place erosion control.  <u>Note:</u> On March 24, 2023, heavy storms caused a slide at the onramp, forcing a ramp closure and detouring traffic. This project will remove loose material, perform slope rounding, 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 \$0 \$125 \$0 <u>\$500</u> \$625	22-23 22-23	201.130 Assembly: 1 Senate: 1 Congress: 3 1.0 Location(s)
12 03-Pla-174 Var 4454 0323000181 4J510	In Placer, Nevada, Yuba, and Sierra Counties, on Routes 20, 49, and 174 at various locations. Remove storm damaged trees and debris.  <u>Note:</u> On March 6, 2023, after a series of winter storms, a large number of locations were blocked due to downed trees. This project will remove debris and storm damaged trees.	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>\$1,500</u> \$1,800	22-23 22-23	201.130 Assembly: 1 Senate: 1 Congress: 3 16.0 Location(s)
13 03-Sac-51 0.2 6416 0323000177 4J500	In Sacramento, at the Fort Sutter Viaduct No. 24-0188L/R. Repair hinge diaphragms and girders.  <u>Note:</u> On February 17, 2023, a damage assessment found that the interior hinge diaphragm had deteriorated, as well as interior girders at various hinge locations on the Fort Sutter Viaduct structures. This project will clean joint openings and repair hinge diaphragms and girders.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$141 \$0 \$282 \$0 <u>\$1,413</u> \$1,836	22-23 22-23 22-23	201.130 Assembly: 6 Senate: 8 Congress: 7 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.
14 03-Yol-50 2.2/2.7 8787 0323000209 4J580	In West Sacramento, from Westacre Road to Drever Street. Repair slipouts, reset guardrail, and replace damaged pavement.  <u>Note:</u> On March 9, 2023, two slipouts were reported on Route 50, due to recent high-intensity storms. This project will remove debris, backfill slipout areas, reset guardrail, repair pavement, and place erosion control.	22-23	PA&ED	\$0	201.130
			PS&E	\$0	Assembly: 4
			R/W Sup	\$0	Senate: 3
			Con Sup	\$84	Congress: 7
			R/W Cap	\$0	
			<u>Const Cap</u>	<u>\$420</u>	22-23
		Total	\$504		
15 03-Yol-128 1.0/6.0 9307 0323000228 4J680	Near Winters, from 1.0 mile east of the Napa County line to 1.3 miles west of County Road 87D. Repair slipouts by placing Rock Slope Protection (RSP) and constructing a soldier pile tieback wall.  <u>Note:</u> On March 31, 2023, after a series of winter storms, two slipouts were discovered. This project will cut back the failed slope and place Rock Slope Protection (RSP) at the toe of the slope at one location, and construct a soldier pile tieback wall at another location.	22-23	PA&ED	\$0	201.130
			PS&E	\$0	Assembly: 4
			R/W Sup	\$0	Senate: 3
			Con Sup	\$1,110	Congress: 4
			R/W Cap	\$0	
			<u>Const Cap</u>	<u>\$3,700</u>	22-23
		Total	\$4,810		
16 04-Ala-580 R4.7L 2920Q 0423000260 3Y550	Near Livermore, at 1.0 mile east of Flynn Road. Stabilize slope and replace damaged retaining wall.  <u>Note:</u> Heavy rains up until March 15, 2023 caused a landslide below a retaining wall, causing the wall to buckle and fail. This project will stabilize the slope, excavate and remove the damaged retaining wall, construct a new retaining wall system, replace damaged pavement, and apply erosion control.	22-23	PA&ED	\$0	201.130
			PS&E	\$0	Assembly: 16
			R/W Sup	\$0	Senate: 5
			Con Sup	\$900	Congress: 14
			R/W Cap	\$0	
			<u>Const Cap</u>	<u>\$3,000</u>	22-23
		Total	\$3,900		

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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.	
17 04-Ala-880 8.4/8.7 2920H 0423000255 3Y510	In Fremont, from 0.1 mile north of Central Avenue to 0.1 mile south of Thornton Avenue. Repair slope and restore functionality to the flooded pump station.  <u>Note:</u> Heavy rains from December 31, 2022 through mid-March 2023 resulted in a slope embankment slip-out, which caused drainage waters to overwhelm a pump station then requiring the Department to close the freeway in both directions until the area was safe. This project will repair the slip-out and repair the slope, install Rock Slope Protection (RSP) and restore the pump station and drainage systems to functionality.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$285 \$0 <u>\$950</u> \$1,235	22-23 22-23	201.130 Assembly: 24 Senate: 10 Congress: 14, 17  1.0 Location(s)
18 04-Ala-880 Var 2920A 0423000212 3Y240	In Alameda and Contra Costa Counties, on Routes 4, 80, 112, 160, 238, 242, 580, 680, and 880 at various locations. Repair damaged pavement and replace striping.  <u>Note:</u> Storms from December 2022 through January 2023 brought heavy rains and contributed to pavement failures, such as potholes, cracks, and loose debris. This project will repair the worst pavement damage in localized areas and replace striping as needed.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$572 \$0 <u>\$1,450</u> \$2,022	22-23 22-23	201.130 Assembly: 11, 14, 15, 16, 18, 20, 24 Senate: 3, 5, 7, 9, 10 Congress: 8, 10, 12, 14, 17  26.0 Location(s)
19 04-Mrn-1 40.3 2919M 0423000210 3Y230	Near McDonald, at 0.1 mile south of Clark Road. Replace culvert and rebuild shoulder and slope.  <u>Note:</u> On January 8, 2023, active scouring was discovered at the outlet of the culvert, leading to erosion of roadway fill, undermining the roadway, and threatening loss of pavement and shoulder. The culvert is deteriorating and is no longer able to contain flows. This project will replace the failing culvert and rebuild the roadway shoulder and fill slope.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$567 \$0 <u>\$810</u> \$1,377	22-23 22-23	201.130 Assembly: 12 Senate: 2 Congress: 2  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.
20 04-Mrn-1 Var 2918S 0423000193 3Y060	In Marin County, on Route 1 at various locations. Repair damaged pavement and replace striping.  <u>Note:</u> Storms from December 2022 through January 2023 brought heavy rains and contributed to pavement failures, such as potholes, cracks, and loose debris. This project will repair localized pavement damage and replace striping as needed.	22-23	PA&ED	\$0	201.130
			PS&E	\$0	Assembly: 12
			R/W Sup	\$0	Senate: 2
			Con Sup	\$750	Congress: 2
			R/W Cap	\$0	
			<u>Const Cap</u>	\$2,500	22-23
		Total	\$3,250		
21 04-Mrn-101 8.0/27.0 2919K 0423000216 3Y280	In and near Corte Madera, Larkspur, San Rafael, and Novato, from Wornum Drive to 0.6 miles south of Sonoma County line. Repair damaged pavement and replace striping.  <u>Note:</u> Storms from December 2022 through January 2023 brought heavy rains and contributed to pavement failures, such as potholes, cracks, and loose debris. This project will repair localized pavement damage and replace striping as needed.	22-23	PA&ED	\$0	201.130
			PS&E	\$0	Assembly: 12
			R/W Sup	\$0	Senate: 2
			Con Sup	\$1,000	Congress: 2
			R/W Cap	\$0	
			<u>Const Cap</u>	\$2,600	22-23
		Total	\$3,600		
22 04-Nap-12 Var 2918T 0423000201 3Y140	In Napa County, on Routes 12, 29, and 121 at various locations. Repair damaged pavement and replace striping.  <u>Note:</u> Storms from December 2022 through January 2023 brought heavy rains and contributed to pavement failures, such as potholes, cracks, and loose debris. This project will repair localized pavement damage and replace striping as needed.	22-23	PA&ED	\$0	201.130
			PS&E	\$0	Assembly: 4
			R/W Sup	\$0	Senate: 2, 3
			Con Sup	\$900	Congress: 4
			R/W Cap	\$0	
			<u>Const Cap</u>	\$3,000	22-23
		Total	\$3,900		

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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.	
23 04-SCI-9 0.6/6.5 2920T 0423000262 3Y570	In and near Saratoga, from 0.6 miles north of Santa Cruz County to 0.3 mile south of Toll Gate Road. Repair storm damage, including rock scaling, debris disposal, and repair embankments.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$360 \$0 <u>\$1,200</u> \$1,560	22-23 22-23	201.130 Assembly: 23 Senate: 13 Congress: 16 5.0 Location(s)
<i>Note:</i> Heavy rains from December 2022 through March 2023 caused landslides, rock slides, eroded slopes, and debris flow into drainage systems. This project will remove debris, repair embankments, scale loose rock and debris, install anchor wire mesh to stabilize slopes, and install erosion control.						
24 04-SCI-17 0.0/3.5 2920P 0423000217 3Y290	Near Los Gatos, from the Santa Cruz County line to 0.6 mile south of Bear Creek Road. Repair storm damage, including guardrail, signs, slopes, and culverts.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$1,275 \$0 <u>\$4,250</u> \$5,525	22-23 22-23	201.130 Assembly: 28 Senate: 15 Congress: 16 17.0 Location(s)
<i>Note:</i> Heavy rains between December 24, 2022 and January 8, 2023 caused erosion and slides, which damaged various highway assets. This project will repair guardrail, replace damaged signs, restore slopes, perform rock scaling, install Rock Slope Protection (RSP), install anchored wire mesh, remove damaged trees, repair timber lagging, and clean out or repair culverts.						
25 04-SCI-101 Var 2918D 0423000190 3Y030	In San Francisco, San Mateo, and Santa Clara Counties, on Routes 1, 9, 17, 35, 82, 84, 87, 92, 101, 130, 152, 280, 680, and 880 at various locations. Repair pavement damage, slipouts, and drainage systems.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$1,200 \$0 <u>\$4,000</u> \$5,200	22-23 22-23	201.130 Assembly: 17, 21, 23, 24, 25, 26, 28, 29 Senate: 10, 11, 13, 15 Congress: 11, 15, 16, 17, 18, 19 31.0 Location(s)
<i>Note:</i> Severe winter storms starting December 31, 2022 and continuing through January 14, 2023 contributed to pavement settlement and damage in multiple areas. This project will repair pavement damage, roadway slipouts, and replace damage drainage systems.						

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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.	
26 04-SM-1 R39.6 2919L 0423000213 3Y250	Near Pacifica, at the Tom Lantos Tunnel. Install anchor wire mesh and replace drainage system.  <u>Note:</u> On January 16, 2023, a rock slide fell onto Route 1 on the north side of Tom Lantos Tunnel and closed access to the San Mateo County Parks. On the south side of the tunnel, storm runoff caused a culvert to detach. This project will stabilize the slope surface with anchor wire mesh to prevent future rock slides, and replace the drainage system to prevent erosion.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$291 \$0 <u>\$970</u> \$1,261	22-23 22-23	201.130 Assembly: 23 Senate: 13 Congress: 16  2.0 Location(s)
27 04-SM-35 Var 2920B 0423000237 3Y440	In San Mateo County, on Routes 35 and 84 in various locations. Remove trees and debris.  <u>Note:</u> On February 24, 2023, strong winds and snow from storms damaged trees adjacent to highways, creating a hazard and leaving debris on the highway. This project will remove debris and storm damaged trees.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$393 \$0 <u>\$1,310</u> \$1,703	22-23 22-23	201.130 Assembly: 23, 28 Senate: 13, 17 Congress: 16, 19  296.0 Location(s)
28 04-SM-82 12.3/15.8 2921B 0423000272 3Y660	In the cities of San Mateo and Burlingame, from Santa Inez Avenue to Murchison Drive. Remove hazardous trees and debris.  <u>Note:</u> Storms from January through March 2023 have brought heavy rain and winds that have killed and damaged trees. This project will remove downed and hazardous trees and debris.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$1,020 \$0 <u>\$3,400</u> \$4,420	22-23 22-23	201.130 Assembly: 21 Senate: 13 Congress: 15  33.0 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.	
29 04-SM-84 17.9 2920J 0423000254 3Y500	In Woodside, at 0.4 mile south of Portola Road. Repair slope, construct retaining wall, and repair damaged pavement.  <u>Note:</u> Heavy rains between December 24, 2022 and January 8, 2023 saturated soils and caused the roadway to slip out and buckle, forcing the Department to close the road in both directions until it could be repaired. This project will repair the slope, construct a retaining wall, reconstruct roadway structural section, and repair the damaged pavement.	22-23	PA&ED	\$0	22-23	201.130 Assembly: 23 Senate: 13 Congress: 16 1.0 Location(s)
			PS&E	\$0		
			R/W Sup	\$0		
			Con Sup	\$2,250		
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$7,500</u>		
Total	\$9,750					
30 04-SM-280 8.8/10.4 2919S 0423000224 3Y340	Near Emerald Hills, from 2.1 miles north of Edgewood Road to 0.4 miles south of Route 92. Repair slipouts, replace culverts, and repair damaged pavement.  <u>Note:</u> On January 29, 2023, heavy rains from the prior month caused two slipouts to occur, which took out a portion of the highway shoulder, and damaged culverts. This project will remove and replace damaged drainage systems, place imported borrow, and repair damaged pavement.	22-23	PA&ED	\$0	22-23	201.130 Assembly: 21, 23 Senate: 13 Congress: 15, 16 2.0 Location(s)
			PS&E	\$0		
			R/W Sup	\$0		
			Con Sup	\$760		
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$2,440</u>		
Total	\$3,200					
31 04-Sol-12 Var 2918R 0423000192 3Y050	In Solano County, on Routes 12, 112, and 113 at various locations. Repair damaged pavement and replace striping.  <u>Note:</u> Storms from December 2022 through January 2023 brought heavy rains and contributed to pavement failures, such as potholes, cracks, and loose debris. This project will repair pavement damage and replace striping as needed.	22-23	PA&ED	\$0	22-23	201.130 Assembly: 11 Senate: 3 Congress: 4, 8 16.0 Location(s)
			PS&E	\$0		
			R/W Sup	\$0		
			Con Sup	\$2,210		
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$7,351</u>		
Total	\$9,561					

## 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.	
32 04-Son-1 38.3 2920N 0423000258 3Y530	Near Timber Cove, at 1.5 mile south of Woodside Campground. Repair slipout by installing gabion retaining wall.	22-23	PA&ED	\$0	201.130	
			PS&E	\$0	Assembly: 2	
			R/W Sup	\$80	22-23	Senate: 2
			Con Sup	\$320	22-23	Congress: 2
			R/W Cap	\$15	22-23	
			<u>Const Cap</u>	<u>\$1,305</u>	22-23	1.0 Location(s)
		Total	\$1,720			
<i>Note:</i> On March 11, 2023, a slipout 90 feet long, 30 feet deep occurred, caused by excessive rainfall from the prior months. This project will install a gabion retaining wall and horizontal drains to stabilize the slope.						
33 04-Son-12 Var 2918Q 0423000191 3Y040	In Sonoma County, on Routes 12, 37, 116, and 121 at various locations. Repair pavement damage and replace striping.	22-23	PA&ED	\$0	201.130	
			PS&E	\$0	Assembly: 2, 12	
			R/W Sup	\$0		Senate: 2, 3
			Con Sup	\$1,050	22-23	Congress: 2, 4
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$3,500</u>	22-23	4.0 Location(s)
		Total	\$4,550			
<i>Note:</i> Storms from December 2022 through January 2023 brought heavy rains and contributed to pavement failures, such as potholes, cracks, and loose debris. This project will repair localized pavement damage and replace striping as needed.						
34 04-Son-116 R12.1 2920G 0423000207 3Y200	Near Guerneville, at 0.1 mile east of Church Street. Remove unsound material and construct soldier pile retaining wall.	22-23	PA&ED	\$0	201.130	
			PS&E	\$0	Assembly: 2	
			R/W Sup	\$120	22-23	Senate: 2
			Con Sup	\$450	22-23	Congress: 2
			R/W Cap	\$60	22-23	
			<u>Const Cap</u>	<u>\$1,840</u>	22-23	1.0 Location(s)
		Total	\$2,470			
<i>Note:</i> On January 17, 2023, a slide covered the sidewalk and westbound lane over a 100-foot long area. This project will remove unsound material and construct a soldier pile retaining wall.						

## 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.	
35 05-Mon-1 0.0/20.9 3102 0523000073 1Q760	Near Gorda, from San Luis Obispo County Line to Limekiln State Park; also in San Luis Obispo County, from Ragged Point Inn to Monterey County line (PM 72.8/74.324). Repair storm damage, including slopes, drainage systems, guardrail, and pavement.	22-23	PA&ED	\$0	201.130	
			PS&E	\$300	22-23	Assembly: 30
			R/W Sup	\$50	22-23	Senate: 17
			Con Sup	\$5,000	22-23	Congress: 19
			R/W Cap	\$100	22-23	
			<u>Const Cap</u>	<u>\$18,350</u>	22-23	30.0 Location(s)
	Total		\$23,800			

Note: Storm events from December 2022 through January 2023 resulted in multiple landslides and debris flows that impacted drainage systems, damaged guardrail, undermined the roadway, and damaged pavement. This project will remove unstable slide material, reconstruct slopes or construct retaining walls where necessary, remove debris from drainage systems, repair drainage inlets and culverts, repair or replace down drains, restore guardrail, reconstruct damaged retaining structures, and repair and reconstruct the roadway.

36 05-SB-135 Var 3167 0523000147 1R120	In Santa Barbara County, on Routes 1, 135, and 246 at various locations. Repair storm damage, including drainage systems, slopes, and roadway.	22-23	PA&ED	\$0	201.130	
			PS&E	\$0	Assembly: 37	
			R/W Sup	\$0	Senate: 21	
			Con Sup	\$550	22-23	Congress: 24
			R/W Cap	\$20	22-23	
			<u>Const Cap</u>	<u>\$2,200</u>	22-23	16.0 Location(s)
	Total		\$2,770			
	<u>Note:</u> A series of storms from early to mid March 2023 have overwhelmed and clogged drainage facilities, washed out embankments, eroded roadway slopes, and caused sinkholes. This project will replace failed culverts, backfill sinkholes, restore ditches, reconstruct embankments, place Rock Slope Protection (RSP), restore damaged pavement, reconstruct sidewalks, and restore damaged electrical systems.					

## 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.	
37 05-SCr-1 0.0/R1.0 3161 0523000106 1Q960	In and near Watsonville, from Monterey County line to Beach Street and at Pajaro River Bridge No. 44-0069; also in Monterey County, from 0.5 mile south of Salinas Road to Santa Cruz County line (PM 100.5/R102.031). Repair bridge scour, remove debris, and rebuild abutment slope.	22-23	PA&ED	\$0	201.130	
			PS&E	\$0	Assembly: 29, 30	
			R/W Sup	\$0	Senate: 17	
			Con Sup	\$700	22-23	Congress: 19
			R/W Cap	\$50	22-23	
			<u>Const Cap</u>	<u>\$1,850</u>	22-23	1.0 Location(s)
	Total		\$2,600			

Note: Winter storms starting in December 2022 resulted in high stream flows in the Pajaro River, and storms beginning on March 9, 2023 resulted in a levy breach on the Monterey County side of the Pajaro river on March 10 and 11, which flooded and closed Route 1. Flood waters resulted in heavy scour at Pajaro River Bridge. This project will develop access to the bridge abutment, slurry backfill around piers, remove flood debris, and rebuild the bridge abutment.

38 05-SCr-1 33.0 3159 0523000104 1Q940	Near Swanton, at 2.6 miles north of Swanton Road. Restore storm damaged slope.	22-23	PA&ED	\$0	201.130	
			PS&E	\$0	Assembly: 28	
			R/W Sup	\$0	Senate: 17	
			Con Sup	\$180	22-23	Congress: 19
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$450</u>	22-23	1.0 Location(s)
	Total		\$630			

Note: Winter storms starting in December 2022 washed out the embankment on the southbound shoulder of Route 1, resulting in a shutdown of that lane and the need to implement one-way traffic control. This project will implement temporary slope protection, import fill and restore the slope, and install erosion control.

## 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 05-SLO-41 6.7/13.0 3162 0523000107 1Q970	In and near Atascadero, from 0.5 mile south of Cerro Alto Road to 0.4 mile north of Old Morro Road; also on Route 101 in the city of San Luis Obispo from 0.3 mile north of Prado Road to Marsh Street (PM 27.0/28.0). Repair storm damage, including slide and debris removal, roadway restoration, and revetment construction and repair.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$750 \$15 <u>\$3,800</u> \$4,565	22-23 22-23 22-23	201.130 Assembly: 30 Senate: 17 Congress: 19, 24 7.0 Location(s)

Note: Winter storms from January through March 2023 have resulted in landslides, washouts, debris covering the roadway, embankment scour from flooded creeks, and undermined shoulders. This project will remove slide material and debris, along with unsupported trees, construct a slope drapery, restore damaged roadway, construct or repair Rock Slope Protection (RSP) revetments to prevent scour, repair roadway washouts, and place erosion control.

40 06-Fre-180 99.0/104.0 8044 0623000195 1G050	Near Grant Grove Village, from 4.8 miles east of Dunlap Road to Millwood Road; also at 0.3 mile west of Hume Lake Road (PM 116.5); also on Route 245 from 2.7 miles south of Dunlap Road to Route 180 (PM 0.0/8.972). Remove slide debris, repair and replace culverts, and repair slopes and roadway.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$750 \$0 <u>\$5,750</u> \$6,500	22-23 22-23	201.130 Assembly: 8 Senate: 12 Congress: 5, 20 8.0 Location(s)
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Note: Heavy rains on March 10-12, 2023 brought mudslides, deposited rocks on the roadway, caused slides and slip-outs, eroded the roadway, and damaged culverts. This project will remove rocks, mud, and debris, replace or repair culverts, rebuild failed slopes and add slope protection, and rebuild damaged roadway.



## 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.	
41 06-Ker-155 42.0/R57.0 8047 0623000200 1G040	Near Alta Sierra, from 0.3 mile west of Pascoe Road to 2.8 miles east of Alta Sierra Road. Repair storm damage, including slopes, drainage systems, pavement, and striping.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$1,500 \$0 <u>\$13,595</u> \$15,095	22-23 22-23	201.130 Assembly: 32 Senate: 12 Congress: 20 3.0 Location(s)
<i>Note:</i> Storms in February and March 2023 brought heavy rains that increased snow melt that led to erosion of roads, shoulders, and slopes, landslides, and blocked culverts. This project will remove debris, rebuild failed slopes with retaining walls or geogrid, place slope protection, repair or replace culverts, replace failed pavement, and replace traffic striping.						
42 06-Tul-99 4.0/15.5 8036 0623000145 1F700	Near Pixley, from 0.9 mile north of Avenue 24 to 0.1 mile north of Avenue 120. Repair damaged pavement and replace striping.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$250 \$0 <u>\$1,210</u> \$1,460	22-23 22-23	201.130 Assembly: 33 Senate: 16 Congress: 22 8.0 Location(s)
<i>Note:</i> SStorms from December 2022 through January 2023 brought heavy rains and contributed to pavement failures, such as potholes, cracks, and loose debris. This project will repair localized pavement damage and replace striping as needed.						
43 06-Tul-198 R19.3/R19.7 8043 0623000191 1G030	Near Visalia, from 0.5 to 0.1 mile west of Route 245. Restore washed out slope, fencing, guardrail, and roadway.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$2 \$100 \$0 <u>\$500</u> \$602	22-23 22-23 22-23	201.130 Assembly: 32 Senate: 12 Congress: 21 1.0 Location(s)
<i>Note:</i> Heavy rains on March 10-11, 2023 caused over 400 linear feet of shoulder and slope to wash out due to the adjacent drainage system being overwhelmed. This project will import material, stabilize the slope, replace fencing and guardrail, repair damaged roadway, and place erosion control.						

## 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 07-LA-2 40.3/46.1 6066 0723000145 2XG00	Near La Canada Flintridge, from 2.4 miles west of Upper Big Tujunga Canyon Road to 1.5 miles west of Mount Mooney Road. Remove slide debris, perform rock scaling, and repair slope drapery protection system.	22-23	PA&ED	\$0	201.130	
			PS&E	\$0	Assembly: 41	
			R/W Sup	\$50	22-23	Senate: 25
			Con Sup	\$840	22-23	Congress: 28
			R/W Cap	\$50	22-23	
			<u>Const Cap</u>	<u>\$2,760</u>	22-23	2.0 Location(s)
			Total	\$3,700		
	<u>Note:</u> Heavy rains from January through March 2023 resulted in slope erosion, mudslides, rock slides, a damaged slope drapery protection system, and damaged the roadway. This project will scale slopes to remove loose rocks and material, dispose of debris, reconstruct the slope drapery protection system, repair slopes with geogrid, and repair damaged portions of roadway.					
45 07-LA-5 R66.3/R67.3 6071 0723000149 2XG50	Near Castaic, from 0.3 mile to 1.3 miles north of Templin Highway. Remove unsuitable slide material, construct a retaining wall, and rebuild the slope with geogrid.	22-23	PA&ED	\$0	201.130	
			PS&E	\$0	Assembly: 34	
			R/W Sup	\$100	22-23	Senate: 23
			Con Sup	\$1,500	22-23	Congress: 27
			R/W Cap	\$100	22-23	
			<u>Const Cap</u>	<u>\$10,000</u>	22-23	1.0 Location(s)
			Total	\$11,700		
	<u>Note:</u> Winter storms from January through March 2023 caused a slope failure on the southbound side of the freeway, which continued eroding over several days until guardrail posts were fully exposed and two lanes of traffic needed to be closed for public safety. This project will construct a new temporary lane on the inside shoulder, remove unsuitable material, construct a retaining wall, rebuild the slope with geogrid, repair damaged shoulder pavement, and place erosion control.					

## 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.	
46 07-LA-27 0.2/10.6 6069 0723000150 2XG30	Near Topanga, from 0.2 mile north of Route 1 to 0.2 mile south of Cezanne Avenue. Remove storm debris, perform rock scaling, repair slope drapery protection system, and clean out drainage systems.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$100 \$850 \$100 <u>\$3,400</u> \$4,450	22-23 22-23 22-23 22-23	201.130 Assembly: 42 Senate: 24 Congress: 32 10.0 Location(s)
<p><u>Note:</u> Heavy rains from January through March 2023 caused slides, debris flows, brought large rocks onto the roadway, and clogged drainage systems. State forces removed and stockpiled some mud and debris. This project will dispose of stockpiled debris, scale slopes to remove loose rocks and material, repair a damaged slope drapery protection system, and clean out drainage systems.</p>						
47 07-LA-405 36.4 6072 0723000152 2XG60	In the city of Los Angeles, at the southbound onramp from Sepulveda Boulevard. Remove pavement to determine the source of bulging pavement and make repairs as needed.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$320 \$0 <u>\$1,070</u> \$1,390	22-23 22-23	201.130 Assembly: 42 Senate: 24 Congress: 32 1.0 Location(s)
<p><u>Note:</u> On March 30, 2023, a bulge appeared in the center of the onramp, spanning both lanes. Out of concern, the onramp was closed, and it was determined that voids may be underneath the pavement. This project will remove and reconstruct the onramp, determine if subsurface water is causing the problem, and make repairs as needed.</p>						
48 07-Ven-33 44.2/57.2 6063 0723000127 2XF70	Near Ventucopa, from 1.5 miles north of Pine Mountain Ridge Road to 0.3 mile south of the Santa Barbara County line. Remove debris, repair damaged slopes, clean out drainage systems, and perform rock scaling.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$100 \$800 \$100 <u>\$2,650</u> \$3,650	22-23 22-23 22-23 22-23	201.130 Assembly: 37, 38 Senate: 21 Congress: 24, 26 35.0 Location(s)
<p><u>Note:</u> Winter storms in January and February 2023 have saturated slopes and resulted in debris and mud washing down from slopes, as well as rockfall at various locations and plugged drainage systems. This project will remove debris, repair eroded slopes, rebuild Rock Slope Protection (RSP), perform rock scaling, and clean drainage systems.</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.	
49 08-SBd-18 Var 3021F 0823000105 1P190	In San Barnardino County, on Routes 18, 138, and 173 at various locations. Repair damaged pavement, repair slope drapery system, and restore damaged slopes.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$10 \$1,990 \$10 <u>\$6,990</u> \$9,000	22-23 22-23 22-23 22-23	201.130 Assembly: 34 Senate: 19 Congress: 23 18.0 Location(s)
<p><u>Note:</u> Winter storms in December 2022 through January 2023 accelerated pavement damage, caused a slope drapery system to fail, damaged a debris flow system, caused slipouts, and damaged roadside appurtenances. This project will repair embankments, replace damaged drapery system, replace debris flow system, replace or repair roadside systems, and remove and repair damaged pavement.</p>						
50 09-Iny-6 Var 2708 0923000045 39910	In Inyo and Mono Counties, on Routes 5, 120, and 168 at various locations. Remove flood debris, repair pavement, regrade shoulders and ditches, and clear culverts.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$10 \$20 \$0 \$50 \$0 <u>\$800</u> \$880	22-23 22-23 22-23 22-23	201.130 Assembly: 8 Senate: 4 Congress: 3 3.0 Location(s)
<p><u>Note:</u> Winter storms in March 2023 brought heavy rains that generated a massive amount of runoff that washed out pavement, shoulders, dikes, filled roadside ditches with sediment, and buried and plugged culverts. This project will clear flood debris, regrade shoulders and ditches, make pavement repairs, and clear plugged culverts.</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.	
51 09-Mno-395 118.4/118.8 2709 0923000047 39930	Near Topaz, from 2.1 miles to 1.7 miles south of the Nevada State line. Shift the alignment to the west and cut back the failing slope and install a rock drapery netting.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$100 \$750 \$100 <u>\$7,500</u> \$8,450	22-23 22-23 22-23 22-23	201.130 Assembly: 8 Senate: 4 Congress: 3 1.0 Location(s)
<p><u>Note:</u> A slip-out of the embankment under the northbound lane was discovered on March 19, 2023, creating a crevice 6 to 12 inches wide and 300 feet long in the shoulder and traveled way. Additional cracks were found in the unpaved shoulder. The lane was immediately closed and traffic was limited to reversible one-way traffic control. This project will set up an automatic traffic control signal system, cut back the slope, install rock drapery netting on the cut slope, and shift the roadway alignment to the west, away from the slip plane and onto a stable foundation.</p>						
52 10-Mer-5 Var 3586 1023000140 1R400	In Merced County, on Routes 5, 59, and 152 at various locations. Repair damaged pavement and replace striping.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$100 \$0 \$0 \$900 \$0 <u>\$6,997</u> \$7,997	22-23 22-23	201.130 Assembly: 22, 27 Senate: 4, 14 Congress: 13 232.0 Location(s)
<p><u>Note:</u> Storms from December 2022 through January 2023 brought heavy rains and contributed to pavement failures, such as potholes, cracks, and loose debris. This project will repair localized pavement damage and replace striping as needed.</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.	
53 10-Mpa-49 32.6 3588 1023000186 1R640	Near Bagby, at 3.1 mile north of Bear Valley Road; also on Route 140 near Briceburg, from 1.6 to 0.6 mile south of Bull Creek Road (PM 32.5/33.5); also in Tuolumne County, near Moccasin, from 0.6 to 0.3 mile south of Jackass Gulch Bridge (PM 2.4/2.7). Remove loose material from slopes, repair cable netting system, repair damaged pavement, and place erosion control.	22-23	PA&ED	\$20	22-23	201.130
			PS&E	\$10	22-23	Assembly: 8
			R/W Sup	\$0		Senate: 4
			Con Sup	\$250	22-23	Congress: 5
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$1,500</u>	22-23	3.0 Location(s)
	Total		\$1,780			
<p><u>Note:</u> Storms from December 2022 through March 2023 brought heavy rains, resulting in the cut slope under a cable netting to fail and spill across the lane and shoulder. Damage includes severe cracking in lanes due to erosion, and debris deposits on the road caused by unstable slopes. This project will remove all loose material from slopes and debris from the roadway, repair the cable netting system, repair damaged structural sections, replace damaged pavement and striping, and place erosion control.</p>						
54 10-SJ-5 Var 3585 1023000141 1R410	In San Joaquin County, on Routes 5 and 99 at various locations. Repair damaged pavement and replace striping.	22-23	PA&ED	\$50	22-23	201.130
			PS&E	\$0		Assembly: 9, 13
			R/W Sup	\$0		Senate: 5
			Con Sup	\$400	22-23	Congress: 9, 13
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$2,547</u>	22-23	36.0 Location(s)
	Total		\$2,997			
<p><u>Note:</u> Storms from December 2022 through January 2023 brought heavy rains and contributed to pavement failures, such as potholes, cracks, and loose debris. This project will repair pavement damage and replace striping as needed.</p>						
55 10-Sta-5 Var 3584 1023000142 1R420	In Stanislaus County, on Routes 5 and 33 at various locations. Repair damaged pavement and replace striping.	22-23	PA&ED	\$50	22-23	201.130
			PS&E	\$0		Assembly: 22
			R/W Sup	\$0		Senate: 4
			Con Sup	\$450	22-23	Congress: 13
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$3,093</u>	22-23	67.0 Location(s)
	Total		\$3,593			
<p><u>Note:</u> Storms from December 2022 through January 2023 brought heavy rains and contributed to pavement failures, such as potholes, cracks, and loose debris. This project will repair localized pavement damage and replace striping as needed.</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.	
56 10-Sta-99 R1.5/R16.0 3594 1023000221 1R770	In and near Turlock, Ceres, and Modesto, from Route 165 to K Street. Clean and repair drainage systems, stabilize embankments, and place erosion control.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$20 \$0 \$0 \$60 \$0 <u>\$400</u> \$480	22-23 22-23 22-23	201.130 Assembly: 22 Senate: 4 Congress: 13 4.0 Location(s)
<i>Note:</i> Storms from December 2022 through March 2023 brought heavy rains, and on March 29, 2023, flood waters caused washouts and overwhelmed drains. This project will clean out culverts and inspect them for damage, backfill and stabilize embankments, replace damaged storm drain facilities, place Rock Slope Protection (RSP) to stabilize slopes, and place erosion control.						
57 10-Tuo-120 7.3 3592 1023000137 1R370	Near Keystone, at Green Springs Road. Repair culvert and repair eroded slope.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$20 \$0 \$0 \$90 \$0 <u>\$600</u> \$710	22-23 22-23 22-23	201.130 Assembly: 8 Senate: 4 Congress: 5 1.0 Location(s)
<i>Note:</i> Storms from March 4 - 23, 2023 saturated soil and eroded around the sides of a 48-inch culvert pipe near the inlet headwall. Erosion of the embankment has progressed toward the paved shoulder. This project will backfill around the exposed pipe, stabilize the slope, repair the pipe invert, and place Rock Slope Protection (RSP) at the outlet.						
58 10-Tuo-120 29.0/R54.0 3590 1023000205 1R680	Near Buck Meadows, from 1.2 miles west of Big Oak Road to 0.2 mile west of Golden Arrow Road. Repair storm damage, including debris removal, culvert replacement, roadway reconstruction, and slope stabilization.	22-23	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$20 \$0 \$0 \$150 \$0 <u>\$1,000</u> \$1,170	22-23 22-23 22-23	201.130 Assembly: 8 Senate: 4 Congress: 5 4.0 Location(s)
<i>Note:</i> Storms from December 2022 through March 2023 brought heavy rains, and on March 11-20, 2023, flood waters washed out lanes, cracked and settled pavement, and undermined shoulders. This project will remove debris from slopes and ditches, regrade ditches to drain, replace headwalls and culverts, replace damaged pavement and shoulder backing, place Rock Slope Protection (RSP) to stabilize slopes, replace striping, and apply erosion control.						

## 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.	
59 11-SD-52 8.3 1504 1123000171 43183	In the city of San Diego, at 0.4 mile west of Santo Road. Repair embankment, repair drainage systems, and install Rock Slope Protection (RSP).  <u>Note:</u> Winter storms from January 2 - 16 have inundated the drainage systems on Route 52, leading runoff to erode embankments and compromise drainage systems, resulting in closures and damage to the roadway. This project will clean, inspect, and line existing culverts, import borrow and repair the embankment, install Rock Slope Protection (RSP), replace damaged culverts, and install erosion control.	22-23	PA&ED	\$0	201.130	
			PS&E	\$0	Assembly: 78	
			R/W Sup	\$0	Senate: 39, 40	
			Con Sup	\$300	22-23	Congress: 51
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$2,000</u>	22-23	1.0 Location(s)
		Total	\$2,300			
60 11-SD-78 2.1/3.2 1514 1123000234 43187	In Oceanside, from 0.6 mile east of El Camino Real to 0.1 mile west of College Boulevard. Replace damaged culverts and drainage components, replace guardrail and concrete barrier, and reconstruct embankment.  <u>Note:</u> Winter storms from December 2022 - March 2023 led to a sinkhole, which was discovered on March 3, 2023. Investigations revealed ten adjacent culverts in critical condition, which had lost structural integrity with voids that could lead to severe roadway damage. This project will replace damaged culverts, modify inlets and junctions, replace damaged pavement, replace damaged guardrail and concrete barrier, reconstruct embankment, and place erosion control.	22-23	PA&ED	\$0	201.130	
			PS&E	\$0	Assembly: 74	
			R/W Sup	\$0	Senate: 38	
			Con Sup	\$2,000	22-23	Congress: 49
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$21,000</u>	22-23	7.0 Location(s)
		Total	\$23,000			



## 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.	
61 11-SD-94 35.9/R60.0 1498 1123000154 43178	Near Potrero and Campo, from 3.1 miles west of Route 188 to 0.4 mile east of Church Road. Perform rock scaling, remove storm debris, restore slopes, and repair pavement.	22-23	PA&ED	\$0	201.130	
			PS&E	\$0	Assembly: 75	
			R/W Sup	\$0	Senate: 18	
			Con Sup	\$400	22-23	Congress: 48
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$2,000</u>	22-23	4.0 Location(s)
		Total		\$2,400		
	<u>Note:</u> Winter storms from January 2-16, 2023 eroded slopes, released boulders onto the roadway, and damaged and eroded the roadway. This project will remove and replace damaged guardrail, restore damaged pavement, restore eroded slopes, break and dispose of boulders and debris, perform rock scaling, and install erosion control.					
62 12-Ora-91 1.2/1.4 4518A 1223000088 0U420	In Buena Park, at the westbound offramp to Brookhurst Avenue. Backfill sinkhole, replace damaged culvert, and repair the disturbed pavement.	22-23	PA&ED	\$0	201.130	
			PS&E	\$0	Assembly: 67	
			R/W Sup	\$0	Senate: 34	
			Con Sup	\$172	22-23	Congress: 46
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$430</u>	22-23	1.0 Location(s)
		Total		\$602		
	<u>Note:</u> A sinkhole was discovered on the right shoulder of the offramp on January 27, 2023. An investigation revealed that a section of a culvert had melted from a prior fire. Another section of the culvert was shown to be damaged. Recent storms have worsened the condition. This project will backfill the sinkhole area, remove and replace the damaged section of the culvert, backfill the culvert area with slurry, and place a new junction box to connect to the existing drainage system, and repave the disturbed area.					

## 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.	
63 12-Ora-241 24.5/35.7 5498 1222000083 0T730	Near Lake Forest, from 0.5 mile south of Portola Parkway to 0.4 mile south of Windy Ridge Toll Plaza. Restore fire damaged assets, including guardrail, drainage systems, traffic control devices, signs, and electrical systems; also make drainage improvements to increase resiliency against natural disasters.	25-26	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$2,484 \$3,297 \$0 \$3,509 \$10 <u>\$22,490</u> \$31,790	23-24 24-25 25-26 25-26 25-26	201.131 Assembly: 59, 73 Senate: 37 Congress: 40, 47 16.0 Location(s)
	PA&ED: 10/1/2024 R/W: 5/11/2026 RTL: 5/29/2026 BC: 12/28/2026					
	Concurrent COS allocation under Resolution FP-22-96; June 2023.					

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### Collision Reduction

64 01-Lak-29 5.0/5.9 3208 0122000027 0L590	Near Middletown, from 0.1 mile south of Central Park Road to 0.1 mile north of Young Street. Widen shoulders, construct left-turn lanes and two-way left turn lanes, install lighting, pedestrian activated flashing beacons, overlay pavement, and construct curb ramps and sidewalk.	26-27	PA&ED PS&E R/W Sup * Con Sup * R/W Cap <u>* Const Cap</u> Total	\$2,427 \$2,486 \$1,485 \$2,224 \$305 <u>\$7,397</u> \$16,324	22-23 25-26 25-26 26-27 26-27 26-27	201.010 Assembly: 4 Senate: 2 Congress: 4 16 Collision(s) reduced
	PA&ED: 7/1/2025 R/W: 1/1/2027 RTL: 1/15/2027 BC: 7/1/2027					
	* Phase not authorized					
	Concurrent COS allocation under Resolution FP-22-96; June 2023.					

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## 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.	
65 06-Fre-180 24.6/41.1 8020 0622000111 1E880	Near Mendota and Kerman, from West Belmont Avenue to Modoc Avenue; also near Rolinda, from 0.2 mile east of Goldenrod Avenue to 0.3 mile west of Brawley Avenue (PM 43.8/53.3). Construct centerline and shoulder rumble strips, and replace signs, and sensor loops.	25-26	PA&ED	\$600	22-23	201.010
			PS&E	\$990	24-25	Assembly: 27, 31
			R/W Sup	\$10	24-25	Senate: 14
			Con Sup	\$790	25-26	Congress: 13, 21
			R/W Cap	\$15	25-26	
			<u>Const Cap</u>	<u>\$2,200</u>	25-26	141 Collision(s)
			Total	\$4,605		reduced
		PA&ED:	7/24/2024			
		R/W:	7/1/2025			
		RTL:	8/1/2025			
BC:	3/2/2026					
Concurrent COS allocation under Resolution FP-22-96; June 2023.						
66 06-Mad-41 23.5 8016 0622000114 1E910	Near Coarsegold, at the intersection with Road 416. Raise vertical profile of Road 416, and install lighting, signs, and striping at the intersection.	25-26	PA&ED	\$1,300	22-23	201.010
			PS&E	\$970	24-25	Assembly: 8
			R/W Sup	\$465	24-25	Senate: 4
			Con Sup	\$700	25-26	Congress: 5
			R/W Cap	\$165	25-26	
			<u>Const Cap</u>	<u>\$2,915</u>	25-26	93 Collision(s) reduced
			Total	\$6,515		
		PA&ED:	9/30/2024			
		R/W:	10/31/2025			
		RTL:	11/3/2025			
BC:	3/16/2026					
Concurrent COS allocation under Resolution FP-22-96; June 2023.						
<b>Mandates</b>						
67 11-SD-5 Var 1501 1123000163 43180	In San Diego County, on Routes 5, 8, 15, 94, 125, 163, and 805 at various locations. Install trash capture devices.	25-26	PA&ED	\$1,502	23-24	201.335
			PS&E	\$1,231	24-25	Assembly: 77, 78, 79,
			R/W Sup	\$2	24-25	80
			Con Sup	\$2,707	25-26	Senate: 18, 38, 39
			R/W Cap	\$3	25-26	Congress: 50, 51, 52
			<u>Const Cap</u>	<u>\$10,997</u>	25-26	
			Total	\$16,442		50.0 Acre(s)
		PA&ED:	8/5/2024			treated/pollutant
		R/W:	1/13/2025			
		RTL:	4/8/2026			
BC:	10/9/2026					
Concurrent COS allocation under Resolution FP-22-96; June 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.	
Multiple Objectives						
68 04-Mrn-101 3.4/3.7 2917D 0423000061 2Y050	Near Marin City, from Donahue Street to 0.3 mile north of Donahue Street. Install new culvert to mitigate flooding.	25-26	PA&ED	\$3,000	22-23	201.999
			PS&E	\$3,150	24-25	Assembly: 12
			R/W Sup	\$320	24-25	Senate: 2
			Con Sup	\$2,720	25-26	Congress: 2
	Additional contribution of \$3,000,000 for Const Cap from General Fund Assembly Bill 178.		R/W Cap	\$310	25-26	
			<u>Const Cap</u>	<u>\$10,600</u>	25-26	1.0 Location(s)
			Total	\$20,100		
	PA&ED: 1/15/2025					
	R/W: 6/1/2026					
	RTL: 6/15/2026					
	BC: 1/15/2027					
	Concurrent COS allocation under Resolution FP-22-96; June 2023.					

## List of New 2022 SHOPP Capital Project Amendments for Senate Bill 1 Projects

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.	
<b>Bridge Preservation</b>						
1 05-SLO-1 32.6 3165 0523000125 1R100	Near Morro Bay, at Toro Creek Bridge No. 49-0068L. Replace bridge.	24-25	PA&ED	\$1,200	23-24	201.110
			PS&E	\$2,419	24-25	Assembly: 30
			R/W Sup	\$159	24-25	Senate: 17
	PA&ED: 8/19/2024		Con Sup	\$1,800	24-25	Congress: 24
	R/W: 3/27/2025		R/W Cap	\$59	24-25	
	RTL: 6/16/2025		<u>Const Cap</u>	<u>\$11,200</u>	24-25	
	BC: 1/9/2026		Total	\$16,837		

Concurrent COS allocation under Resolution FP-22-96; June 2023.

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	4,639.0	4,639.0
Post Condition	Square feet	4,639.0	0.0	0.0	4,639.0

<b>Roadway Preservation</b>						
2 01-Hum-101 0.9 2597 0123000062 0H641	Near Cooks Valley, at 0.9 mile north of Mendocino County line. Restore culvert and improve fish passage.	25-26	PA&ED	\$1,000	22-23	201.151
			PS&E	\$1,561	23-24	Assembly: 2
			R/W Sup	\$173	23-24	Senate: 2
			Con Sup	\$1,071	25-26	Congress: 2
	PA&ED: 3/1/2024		R/W Cap	\$51	25-26	
	R/W: 8/1/2025		<u>Const Cap</u>	<u>\$5,794</u>	25-26	
	RTL: 8/22/2025		Total	\$9,650		
	BC: 1/27/2026					

Concurrent COS allocation under Resolution FP-22-96; June 2023.

Performance Measure: Culverts (1 Each)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet	0.0	60.0	0.0	60.0
Post Condition	Linear feet	73.0	0.0	0.0	73.0

## 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)			
1 01-Hum-36 3.9/6.0 2525 0119000119 0J890	Near Carlotta, from west of Fisher Road to west of Wilder Road. Widen shoulders, extend westbound passing lane, construct soft median and rumble strips, replace bridge, construct soldier pile wall and upgrade guardrail.  <u>Performance Measure</u> 33 Collision(s) reduced	23-24 201.010	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$3,187 \$2,383 \$506 \$3,681 <del>\$1,024</del> <u>\$18,576</u> \$29,357	Prior 22-23 22-23 23-24 23-24 23-24 23-24	\$3,187 \$2,383 \$506 \$3,681 <b>\$1,311</b> <u>\$18,576</u> <b>\$29,644</b>	Prior 22-23 22-23 23-24 23-24 23-24
Concurrent COS allocation under Resolution FP-22-96; June 2023. <u>Note:</u> Increase R/W capital because of additional utility relocation cost.							

2 01-Hum-101 <del>70.0/M54.0</del> <b>2.4/M53.9</b> 2497 0117000245 0H640	Near Rio Dell, from <b>2.4 miles north of</b> Mendocino County line to <del>north of Wildwood Avenue</del> <b>Eel River Bridge</b> at various locations. Rehabilitate drainage systems and upgrade lighting and Transportation Management System (TMS) elements.  <u>Performance Measure</u> <del>62 Culvert(s)</del> <b>85 Culvert(s)</b>	23-24 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$2,631 \$1,657 \$350 \$3,370 <del>\$1,775</del> <u>\$17,692</u> \$27,475	Prior 22-23 22-23 23-24 23-24 23-24 23-24	\$2,631 \$1,657 \$350 \$3,370 <b>\$264</b> <u>\$17,692</u> <b>\$25,964</b>	Prior 22-23 22-23 23-24 23-24 23-24
Concurrent COS allocation under Resolution FP-22-96; June 2023. <u>Note:</u> Update postmiles and description because one location is being removed and programmed into a new project to address fish passage barriers. Reduce R/W capital as it has been determined that impacts to wetlands can be compensated utilizing advance mitigation credits. Update performance because some culvert sections need to be added to the scope to minimize environmental impacts and improve construction efficiency.							

Performance Measure: Culverts (85 Each)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet	1,580.0	2,542.0	5,011.0	9,133.0
Post Condition	Linear feet	8,388.1	0.0	0.0	8,388.1

## 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-Hum-101 73.3/76.1 2544 0121000033 OK940	In and near Eureka, from south of Humboldt Hill Road to north of Truesdale Street. Construct Americans with Disabilities Act (ADA) compliant curb ramps and sidewalks, bike lanes, transit stops, pedestrian refuge islands, and flashing beacons as complete streets elements.	23-24	PA&ED	\$1,380	Prior	\$1,380	Prior
		201.999	PS&E	\$1,340	22-23	\$1,340	22-23
			R/W Sup	\$601	22-23	\$601	22-23
			Con Sup	<del>\$1,464</del>	23-24	<b>\$1,611</b>	23-24
			R/W Cap	\$634	23-24	\$634	23-24
			<u>Const Cap</u>	<del>\$7,004</del>	23-24	<b>\$10,534</b>	23-24
			Total	\$12,500		<b>\$16,100</b>	

Performance Measure

1.4 Centerline mile(s)

Note: Additional construction capital and support are needed to install complete streets and broadband improvements, such as lighting, medians, sidewalk widening, bike and pedestrian counters, tree grates, and fiber optic cable. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

4 01-Men-1 33.7/R51.0 4697 0117000240 0H600	Near the Mendocino community, from south of Philo Greenwood Road to north of Little Lake Road. Rehabilitate pavement, upgrade guardrail, and replace rumble strips.	23-24	PA&ED	\$701	Prior	\$701	Prior
		201.121	PS&E	\$900	Prior	\$900	Prior
			R/W Sup	\$111	Prior	\$111	Prior
			Con Sup	\$2,502	23-24	\$2,502	23-24
			R/W Cap	<del>\$38</del>	23-24	<b>\$22</b>	23-24
			<u>Const Cap</u>	<del>\$27,321</del>	23-24	<b>\$25,202</b>	23-24
	Total	\$31,573		<b>\$29,438</b>			

Note: Decrease construction capital because the quantities and unit prices were refined for the current updated estimate. Decrease R/W capital as one of the originally anticipated utility relocation is no longer required.

Performance Measure: Pavement		<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
	<u>Unit</u>				
Existing Condition	Lane mile(s)	0.0	34.3	0.0	34.3
Post Condition	Lane mile(s)	34.3	0.0	0.0	34.3

## 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)

5 01-Men-101 21.0/28.6 4695 0117000237 OH570	In and near Ukiah, from north of Robinson Creek Bridge to Pomo Lane Undercrossing. Rehabilitate roadway, <b>install vegetation control</b> , upgrade guardrail, lighting, and Transportation Management System (TMS) elements, and apply High Friction Surface Treatment (HFST).	24-25	PA&ED	\$473	Prior	\$473	Prior
		201.122	PS&E	\$1,150	Prior	\$1,150	Prior
			R/W Sup	\$48	Prior	\$48	Prior
			Con Sup	<del>\$2,846</del>	24-25	<b>\$3,424</b>	24-25
			R/W Cap	\$46	24-25	\$46	24-25
			<u>Const Cap</u>	<u><del>\$44,236</del></u>	24-25	<u><b>\$47,571</b></u>	24-25
			Total	\$48,799		<b>\$52,712</b>	

Performance Measure

25.0 Lane mile(s)

Future SB 1 Baseline Agreement Required

Note: Increase construction support and capital to include upgrades to guardrail and installation of vegetation control to improve climate resiliency. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

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	22.9	2.1	25.0
Post Condition	Lane mile(s)	25.0	0.0	0.0	25.0

6  
01-Men-101  
~~27.4~~  
**27.0/27.4**  
7028  
0119000131  
OK010

Near Ukiah, at the Ukiah Maintenance Station (MS); also on Route 128 near Boonville, at the Boonville MS (PM R28.2). Repair or replace existing maintenance station buildings, install new bulk fuel tank at Ukiah MS, and upgrade storage bin unit at Boonville MS.

25-26	PA&ED	\$1,070	Prior	\$1,070	Prior
201.352	PS&E	\$1,708	<del>23-24</del>	\$1,708	<b>24-25</b>
	R/W Sup	\$197	<del>23-24</del>	\$197	<b>24-25</b>
	Con Sup	\$1,426	25-26	\$1,426	25-26
	R/W Cap	\$29	25-26	\$29	25-26
	<u>Const Cap</u>	<u>\$2,573</u>	25-26	<u>\$2,573</u>	25-26
	Total	\$7,003		\$7,003	

Performance Measure

2.0 Location(s)

Note: Update postmile limits to encompass a new driveway to the maintenance station. Update FY for PS&E and R/W Support because additional time is needed to explore alternatives and coordination is necessary with adjacent Minor B project EA 0J110.

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	2,268.0	2,268.0
Post Condition	Square Feet	4,852.0	0.0	0.0	4,852.0



## 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)				
7 01-Men-101 49.0/55.1 4678 0117000119 OH170	Near Willits, from 0.6 mile north of Upp Creek Bridge to 2.6 miles north of Ryan Creek Road. Rehabilitate pavement and upgrade guardrail and signs.	23-24 201.121	PA&ED	\$886	Prior	\$886	Prior
			PS&E	\$814	Prior	\$814	Prior
			R/W Sup	\$27	Prior	\$27	Prior
			Con Sup	\$2,217	23-24	\$2,217	23-24
			R/W Cap	\$16	23-24	\$16	23-24
			<u>Const Cap</u>	<del>\$10,203</del>	23-24	<b>\$11,112</b>	23-24
	Total	\$14,163		<b>\$15,072</b>			
	<u>Performance Measure</u> 14.1 Lane mile(s)						

Note: Increase construction capital due to the change in guardrail strategy to utilize steel posts as well as installation of vegetation control to reduce wildfire impacts. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

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	14.1	0.0	14.1
Post Condition	Lane mile(s)	14.1	0.0	0.0	14.1

8 01-Men-101 55.0/64.9 4694 0117000235 OH550	Near Willits, from 0.5 mile south of Shimmins Ridge Road to north of Old Sherwood Road. Rehabilitate roadway and upgrade guardrail and Transportation Management System (TMS) elements.	23-24 201.122	PA&ED	\$820	Prior	\$820	Prior
			PS&E	\$732	Prior	\$732	Prior
			R/W Sup	\$126	Prior	\$126	Prior
			Con Sup	\$2,871	23-24	\$2,871	23-24
			R/W Cap	\$0		\$0	
			<u>Const Cap</u>	<del>\$26,973</del>	23-24	<b>\$29,056</b>	23-24
	Total	\$31,522		<b>\$33,605</b>			
	<u>Performance Measure</u> 37.4 Lane mile(s)						

Note: Increase construction capital due to the change in guardrail strategy to utilize steel posts as well as installation of vegetation control to reduce wildfire impacts. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.0	37.4	0.0	37.4
Post Condition	Lane mile(s)	37.4	0.0	0.0	37.4

## 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 02-Plu-89 12.9/20.0 3714 0218000070 4H030	Near Greenville, from 1.4 miles north of Indian Falls Road to south of Hot Springs Road; also from Mill Street to 0.4 mile north of Mill Street (PM 20.6/21.0). Rehabilitate pavement, upgrade guardrail, replace Transportation Management System (TMS) elements and signs, rehabilitate drainage systems, and construct a Maintenance Vehicle Pullout (MVP) <b>and a wildlife crossing.</b>	23-24	PA&ED	\$670	Prior	\$670	Prior
		201.121	PS&E	\$850	Prior	\$850	Prior
			R/W Sup	\$460	Prior	\$460	Prior
			Con Sup	\$1,120	23-24	\$1,120	23-24
			R/W Cap	<del>\$363</del>	23-24	<b>\$188</b>	23-24
			<u>Const Cap</u>	<u><del>\$9,410</del></u>	23-24	<b><u>\$12,410</u></b>	23-24
			Total	\$12,873		<b>\$15,698</b>	

Performance Measure  
 16.4 Lane mile(s)

Note: Update the scope and description to add a wildlife crossing. Increase construction capital because of added wildlife crossing, greater than anticipated HMA cost, and other items not originally accounted for including clearing and grubbing, and stormwater BMPs. Decrease R/W capital because of a reduction of R/W impacts.

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	16.0	0.4	16.4
Post Condition	Lane mile(s)	16.4	0.0	0.0	16.4

10 02-Sis-96 52.5 3825 0221000121 2J650	Near Happy Camp, at Thompson Creek Bridge No. 02-0068. Replace a portion of the bridge deck and apply polyester concrete overlay.	<del>24-25</del>	PA&ED	\$540	Prior	\$540	Prior
		<b>25-26</b>	PS&E	<del>\$870</del>	23-24	<b>\$1,173</b>	23-24
		201.110	R/W Sup	<del>\$80</del>	23-24	<b>\$190</b>	23-24
			Con Sup	<del>\$740</del>	<del>24-25</del>	<b>\$1,352</b>	<b>25-26</b>
			R/W Cap	<del>\$44</del>	<del>24-25</del>	<b>\$54</b>	<b>25-26</b>
			<u>Const Cap</u>	<u><del>\$1,970</del></u>	<del>24-25</del>	<b><u>\$5,490</u></b>	<b>25-26</b>
			Total	\$4,244		<b>\$8,799</b>	

Note: Due to change in construction staging strategy, a temporary detour bridge is necessary because the existing bridge width does not provide adequate room for temporary barriers. This change has resulted in capital and support cost increases as well as a one year delay to the project.

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	3,531.0	3,531.0
Post Condition	Square feet	3,531.0	0.0	0.0	3,531.0

## 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)			
11 03-ED-50 39.7/58.9 3341 032000113 1J160	Near Pollock Pines, Kyburz, and Strawberry, from west of Icehouse Road to 0.5 mile east of Cedar Street. Rehabilitate pavement and drainage systems, and upgrade lighting and guardrail.	24-25 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,980 <del>\$2,310</del> \$220 <del>\$3,030</del> \$1,240 <del>\$20,940</del> \$37,720	Prior 23-24 23-24 24-25 24-25 24-25 24-25	\$1,980 <b>\$2,510</b> \$220 <b>\$3,230</b> \$1,240 <b>\$33,440</b> <b>\$42,620</b>	Prior 23-24 23-24 24-25 24-25 24-25
	<u>Performance Measure</u> 42.7 Lane mile(s)						

Note: Update the culvert rehabilitation strategy to use reinforced concrete pipe, update guardrail with metal posts, and add wildfire resilient measures to reduce impacts of wildfire on transportation assets. Increase PS&E, construction support, and construction capital because of the mentioned wildfire resilient measures. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

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	42.7	0.0	42.7
Post Condition	Lane mile(s)	42.7	0.0	0.0	42.7

12 03-Pla-28 0.085/11.0 4681 0319000184 0J010	Near Tahoe City and Kings Beach, from Route 89 to Nevada State line. Rehabilitate pavement, 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	\$1,160 \$1,420 \$740 \$1,780 \$2,077 <del>\$18,100</del> \$25,277	Prior Prior Prior 23-24 23-24 23-24 23-24	\$1,160 \$1,420 \$740 \$1,780 \$2,077 <b>\$19,100</b> <b>\$26,277</b>	Prior Prior Prior 23-24 23-24
	<u>Performance Measure</u> 23.1 Lane mile(s)						

Note: Additional construction capital is needed because the unit prices for asphalt and aggregate base have increased.

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	19.6	3.5	23.1
Post Condition	Lane mile(s)	23.1	0.0	0.0	23.1

## 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)			
13 03-Pla-80 <del>R26.5/28.8</del> <b>R26.5/29.3</b> 5131 031800017 3H590	Near Applegate, from east of Crother Road Overcrossing to east of Weimar Overhead; also near Magra from PM 39.5 to PM <del>41.3</del> <b>41.4</b> ; also near Emigrant Gap from PM 53.0 to PM <del>54.7</del> <b>R55.1</b> . Rehabilitate roadway, construct truck climbing lanes in eastbound direction, widen shoulders, replace or widen structures, upgrade median barrier and Transportation Management System (TMS) elements.	23-24 201.122	PA&ED PS&E R/W Sup * Con Sup R/W Cap * <u>Const Cap</u> Total	\$4,000 \$5,000 \$500 \$9,500 \$2,972 <u>\$93,500</u> \$115,472	Prior 21-22 21-22 23-24 23-24 23-24 23-24	\$4,000 \$5,000 \$500 \$9,500 \$2,972 <u>\$93,500</u> \$115,472	Prior 21-22 21-22 23-24 23-24 23-24 23-24
			* Phase not authorized				

G13 Contingency

Performance Measure

~~11.9 Lane mile(s)~~

**13.6 Lane mile(s)**

Note: Update the postmile limits, project description, and performance as the refinement in design has changed the strategy from restriping to widening at one location, and operational and safety needs extended the merge taper of the truck climbing lane at the second location.

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	2.6	11.0	0.0	13.6
Post Condition	Lane mile(s)	13.6	0.0	0.0	13.6

14 03-Pla-80 33.3/44.9 5140 0319000281 0J410	Near Colfax, from east of Route 174 Separation to east of Alta Road Undercrossing. Rehabilitate pavement and drainage systems, and upgrade guardrail, signs, and Transportation Management System (TMS) elements.	24-25 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$4,110 <del>\$2,350</del> \$310 <del>\$2,540</del> \$830 <u>\$22,250</u> \$32,390	Prior 23-24 23-24 24-25 24-25 24-25 24-25	\$4,110 <b>\$2,650</b> \$310 <b>\$2,900</b> \$830 <b>\$27,100</b> <b>\$37,900</b>	Prior 23-24 23-24 24-25 24-25 24-25 24-25
		<u>Performance Measure</u>					
		31.5 Lane mile(s)					

Note: Update the culvert rehabilitation strategy to use Reinforced Concrete Pipe (RCP) instead of cure-in-place pipe liner because RCP is more resilient to wildfires. Increase PS&E, construction support, and construction capital because of the mentioned strategy change. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

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	31.5	0.0	31.5
Post Condition	Lane mile(s)	31.5	0.0	0.0	31.5

## 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)			
15 03-Pla-89 8.9 5290 0319000129 4H980	Near Tahoe City, at the Tahoe City Maintenance Station. Demolish <b>and remove</b> existing employee housing, <b>install a new enclosed building for switchboard and generator, upgrade electrical systems, and clear the area to accommodate modular housing units and construct new dormitory building.</b>	23-24 201.352	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$690 \$710 \$90 \$560 \$40 <u>\$3,600</u> \$5,690	Prior 21-22 21-22 23-24 23-24 23-24 23-24	\$690 \$710 \$90 \$560 \$40 <u>\$3,600</u> \$5,690	Prior 21-22 21-22 23-24 23-24 23-24

Performance Measure

1.0 Location(s)

Note: The construction capital cost significantly increased from when the project was initially programmed. To stay within cost and schedule, the scope has changed to install temporary modular housing, install new enclosure for switchboard and generator, and upgrade electrical systems.

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	1,016.0	1,016.0
Post Condition	Square Feet		0.0	0.0	0.0	0.0

16 03-Sac-5 25.3/34.4 5859 0316000063 1H170	In and near the city of Sacramento, from American River Bridge to Sacramento River Bridge. Rehabilitate pavement and drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade guardrail, signs, and Transportation Management System (TMS) elements.	25-26 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,090 <del>\$1,900</del> <del>\$530</del> <del>\$5,840</del> \$1,340 <del>\$46,800</del> \$57,500	Prior 23-24 23-24 25-26 25-26 25-26	\$1,090 <b>\$2,200</b> <b>\$600</b> <b>\$6,300</b> \$1,340 <b>\$49,770</b> <b>\$61,300</b>	Prior 23-24 23-24 25-26 25-26 25-26
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Performance Measure

48.8 Lane mile(s)

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

Performance Measure: Pavement		<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)		9.1	39.7	0.0	48.8
Post Condition	Lane mile(s)		48.8	0.0	0.0	48.8

**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)			
17 03-Sac-12 3.5/3.8 5964 0322000248 3J310	Near Rio Vista, at the intersection with Jackson Slough Road. Install traffic signal.  <u>Performance Measure</u> 10 Collision(s) reduced	<del>23-24</del> <b>25-26</b> 201.010	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$840 \$800 \$140 \$990 \$33 <u>\$3,600</u> \$6,403	Prior <del>23-24</del> <del>23-24</del> <del>23-24</del> <del>23-24</del> <del>23-24</del> <del>23-24</del>	\$840 \$800 \$140 \$990 \$33 <u>\$3,600</u> \$6,403	Prior <b>24-25</b> <b>24-25</b> <b>25-26</b> <b>25-26</b> <b>25-26</b> <b>25-26</b>

Note: Another safety project is being proposed on Route 12 to install median barrier with overlapping project limits with this project. Additional alternatives need to be evaluated to determine a feasible, effective, and long-term solution at this location. Additional time is needed to study these alternatives, delaying the project by two years.

18 03-Sac-80 <del>11.8/13.1</del> <b>11.7/13.2</b> 6721 0319000302 0J610	Near the city of Sacramento, from east of Route 51 to <del>0.6</del> <b>0.7</b> mile east of Madison Avenue. Replace existing Vegetation and rehabilitate irrigation system.  <u>Performance Measure</u> 10.0 Acre(s)	25-26 201.210	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$210 <del>\$460</del> <del>\$40</del> <del>\$860</del> \$0 <u>\$1,900</u> \$3,470	Prior 24-25 24-25 25-26 25-26 25-26 25-26	\$210 <b>\$581</b> <b>\$51</b> <b>\$1,087</b> <b>\$5</b> <u>\$2,400</u> <b>\$4,334</b>	Prior 24-25 24-25 25-26 <b>25-26</b> 25-26
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Note: Trash capture devices will be added to this project to capture trash from specified tributary areas. Increase PS&E, R/W support and capital, and construction support and capital, and update postmiles and project description to add these devices to the project. 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)			
19 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.  <u>Performance Measure</u> 5 Pump plant(s)	25-26 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$620 <del>\$1,640</del> \$50 <del>\$2,190</del> \$0 <del>\$10,900</del> \$15,400	Prior 23-24 23-24 25-26 25-26 25-26 25-26	\$620 <b>\$1,890</b> \$50 <b>\$2,570</b> <b>\$50</b> <b>\$13,400</b> <b>\$18,580</b>	Prior 23-24 23-24 25-26 <b>25-26</b> 25-26

Note: Trash capture devices and associated upgrades to pump plants and existing stormwater piping network will be added to this project to capture trash from specified tributary areas. Increase PS&E, construction support, R/W capital, and construction capital to add these devices to the project. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

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

20 04-Ala-84 <del>13-0/13-6</del> <b>10.83/R18.0</b> 1084B 0420000250 16031	<del>In Fremont, at Alameda Creek Bridge No. 33-36-</del> <b>In and near Fremont and Union City, from Route 238 to Route 680.</b> Environmental mitigation and plant establishment work for bridge replacement project EA 16030.  <u>Performance Measure</u> 0 Bridge(s)	23-24 201.110	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 <del>\$0</del> \$25 <del>\$1,000</del> \$0 <del>\$333</del> \$1,358		\$0 <b>\$205</b> \$25 <b>\$400</b> <b>\$28</b> <b>\$700</b> \$1,358	<b>23-24</b> 23-24 23-24 23-24 23-24
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Note: Additional tree planting outside original project limits was necessary to meet environmental commitments. Update the description and postmiles to reflect updated limits. Increase PS&E, R/W Capital, and Construction Capital and decrease Construction Support to address the above mentioned changes.

## 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)			
21 04-Ala-84 16.9/17.5 0481M 0414000012 0J550	Near Sunol, at Arroyo De La Laguna Bridge No. 33-0043. Replace bridge; <b>and</b> realign roadway <b>and</b> construct roundabouts.  <u>Performance Measure</u> 1 Bridge(s)	23-24 201.111	PA&ED	\$1,863	Prior	\$1,863	Prior
			PS&E	\$3,600	Prior	\$3,600	Prior
			R/W Sup	\$250	Prior	\$250	Prior
			Con Sup	<del>\$4,000</del>	23-24	<b>\$6,750</b>	23-24
			R/W Cap	<del>\$1,500</del>	23-24	<b>\$500</b>	23-24
			<u>Const Cap</u>	<del>\$16,000</del>	23-24	<b>\$33,000</b>	23-24
			Total	\$27,213		<b>\$45,963</b>	

Note: Update design method for bridge replacement and remove roundabout. Decrease R/W capital because of the reduced scope and fewer needed R/W acquisitions. Increase construction capital because of bridge widening to accommodate staging and avoid nearby school, and increased water diversion cost. Increase construction support because of increased construction duration and complex staging.

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	11,776.0	11,776.0
Post Condition	Square feet	22,010.0	0.0	0.0	22,010.0

22 04-Ala-Var  2028B 0419000023 2Q540	In various counties, on various routes, at various locations. Replace obsolete electronic components in existing Closed Circuit Television (CCTV) camera systems. <b>This is a Design-Build project.</b>  <u>Performance Measure</u> <del>147.0 Field element(s)</del> <b>309.0 Field element(s)</b>	23-24 201.315	PA&ED	\$365	Prior	\$365	Prior
			PS&E	\$1,120	Prior	\$1,120	Prior
			R/W Sup	\$15	Prior	\$15	Prior
			Con Sup	\$2,700	23-24	\$2,700	23-24
			R/W Cap	\$15	23-24	\$15	23-24
			<u>Const Cap</u>	<del>\$16,650</del>	23-24	<b>\$16,650</b>	23-24
			Total	\$20,865		\$20,865	

Note: Update the description to change the project delivery method from a service contract to a design-build contract for efficiency purposes. Update the performance output to add output and to include technology and structure components per updated guidelines.

Performance Measure: TMS Elements				
	<u>Unit</u>	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>
		<u>(Operational)</u>	<u>(Not Operational)</u>	
Existing Condition	Field element(s)	26.2%	73.8%	309.0
Post Condition	Field element(s)	100.0%	0.0%	309.0



## 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)				
23 04-SCI-17 6.2/6.6 2021L 0418000031 0P970	In Los Gatos, at Santa Cruz Avenue Undercrossing No. 37-0124L (PM 6.16) and Main Street Overcrossing No. 37-0117 (PM 6.55). Upgrade bridge rails.	23-24 201.112	PA&ED	\$675	Prior	\$675	Prior
			PS&E	\$1,453	Prior	\$1,453	Prior
			R/W Sup	\$17	Prior	\$17	Prior
			Con Sup	<del>\$1,474</del>	23-24	<b>\$1,521</b>	23-24
			R/W Cap	<del>\$26</del>	23-24	<b>\$40</b>	23-24
			<u>Const Cap</u>	<del>\$4,879</del>	23-24	<b>\$5,079</b>	23-24
			Total	\$8,521		<b>\$8,785</b>	
<u>Performance Measure</u>							
1,423.0 Linear feet rail							

**Note:** Trash capture devices will be added to this project to capture trash from specified tributary areas. Increase construction support, R/W capital, and construction capital to add these devices to the project. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: Bridges (2 Bridge(s))					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet rail	0.0	0.0	1,423.0	1,423.0
Post Condition	Linear feet rail	1,423.0	0.0	0.0	1,423.0

24 04-SF-101 3.4 2026H 0419000015 2Q460	In the City and County of San Francisco, at Twenty Third Street Overcrossing No. 34-0035 (PM 3.37); also at Third Street Undercrossing No. 34-0030S (PM 0.77). Upgrade bridge rails.	23-24 201.112	PA&ED	\$772	Prior	\$772	Prior
			PS&E	\$1,255	Prior	\$1,255	Prior
			R/W Sup	\$125	Prior	\$125	Prior
			Con Sup	\$1,353	23-24	\$1,353	23-24
			R/W Cap	\$33	23-24	\$33	23-24
			<u>Const Cap</u>	<del>\$2,750</del>	23-24	<b>\$4,396</b>	23-24
			Total	\$6,288		<b>\$7,934</b>	
<u>Performance Measure</u>							
843.0 Linear feet rail							

**Note:** Increase construction capital because the project will utilize an alternative bridge rail design method, enhanced architectural features, and additional traffic management plan requirements.

Performance Measure: Bridges (2 Bridge(s))					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet rail	0.0	0.0	843.0	843.0
Post Condition	Linear feet rail	843.0	0.0	0.0	843.0

## 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)			
25 04-SF-101 4.1/R5.1 2021K 0418000036 0Q020	In the City and County of San Francisco, at Central Viaduct No. 34-0077; also on Route 80 at Bayshore Viaduct No. 34-0088 (PM L3.79/4.99). Rehabilitate bridges by overlaying bridge deck, replacing joint seals, and <del>upgrading</del> <b>repairing</b> bridge rails. <b>This is a Construction Manager/General Contractor (CMGC) project.</b>	23-24 201.110	PA&ED	\$1,941	Prior	\$1,941	Prior
			PS&E	\$3,466	Prior	\$3,466	Prior
			R/W Sup	\$292	Prior	\$292	Prior
			* Con Sup	\$4,467	23-24	\$4,467	23-24
			R/W Cap	\$246	23-24	\$246	23-24
			* <u>Const Cap</u>	<u>\$34,308</u>	23-24	<u>\$34,308</u>	23-24
			Total	\$44,720		\$44,720	

G13 Contingency

\* Phase not authorized

Performance Measure

2 Bridge(s)

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

Performance Measure: Bridges (2 Bridge(s))					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	0.0	1,206,138.0	0.0	1,206,138.0
Post Condition	Square feet	1,206,138.0	0.0	0.0	1,206,138.0

26 04-Sol-80 1.8/5.7 2031H 0419000033 2Q640	In and near Vallejo, from west of Route 780 to Route 37 at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	24-25 201.335	PA&ED	\$1,080	Prior	\$1,080	Prior
			PS&E	\$2,038	Prior	\$2,038	Prior
			R/W Sup	\$193	Prior	\$193	Prior
			Con Sup	<del>\$1,634</del>	24-25	<b>\$1,731</b>	24-25
			R/W Cap	\$256	24-25	\$256	24-25
			<u>Const Cap</u>	<u>\$6,035</u>	24-25	<u><b>\$6,475</b></u>	24-25
			Total	\$11,233		<b>\$11,773</b>	

Performance Measure

50.3 Acres treated/pollutant

Note: Add the enhancement and upgrading of existing trash capture devices to this project to capture trash from specified tributary areas. Increase construction support and construction capital to add these devices to the project. 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)	
27 04-Son-1 34.5 2909H 0420000085 0AC40	Near Jenner, at 1.0 mile south of Timber Cove Road. Stabilize roadway settlement by placing grouted pin piles and repaving the road.  <u>Performance Measure</u> 1.0 Location(s)	25-26  201.131	PA&ED	\$844	Prior
			PS&E	\$1,008	24-25
			R/W Sup	\$99	24-25
			Con Sup	\$938	25-26
			R/W Cap	\$25	25-26
			<u>Const Cap</u>	<u>\$1,629</u>	<u>25-26</u>
			Total	\$4,543	

Note: Delete project. Needs are being addressed by a recent emergency Director's Order (DO) project EA 2Y990/PPNO 04-2918F. The DO was initiated due to storm damage in 2023 and made repairs to the road that will address settlement issues.

28 04-Son-1 45.4 1462N 0416000310 1K760	Near Sea Ranch, at 2.7 miles south of Skaggs Springs Road. Rehabilitate damaged culvert.  <u>Performance Measure</u> 1 Culvert(s)  Concurrent COS allocation under Resolution FP-22-96; June 2023.	23-24  201.151	PA&ED	\$767	Prior	\$767	Prior
			PS&E	\$596	22-23	\$596	22-23
			R/W Sup	\$315	22-23	\$315	22-23
			Con Sup	<del>\$309</del>	23-24	<b>\$370</b>	23-24
			R/W Cap	\$165	23-24	\$165	23-24
			<u>Const Cap</u>	<u>\$995</u>	23-24	<u><b>\$1,192</b></u>	23-24
			Total	\$3,147		<b>\$3,405</b>	

Note: Increase construction support and construction capital because of changed treatment strategy adding capacity to one existing culvert.

Performance Measure: Culverts (1 Each)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Linear feet	78.8	0.0	0.0	78.8
Post Condition	Linear feet	78.8	0.0	0.0	78.8

29 04-Son-116 1.1 2031S 0419000524 0AA63	Near Jenner, at 1.1 miles east of Route 1. <del>Permanent restoration of slope by reconstructing culvert wingwalls and placing Rock Slope Protection (RSP). Remove the existing collapsed wingwall from the creek bed.</del>  <u>Performance Measure</u> 1.0 Location(s)	23-24  201.131	PA&ED	\$1,130	Prior	\$1,130	Prior
			PS&E	\$710	Prior	\$710	Prior
			R/W Sup	\$70	Prior	\$70	Prior
			Con Sup	<del>\$740</del>	23-24	<b>\$280</b>	23-24
			R/W Cap	<del>\$656</del>	23-24	<b>\$60</b>	23-24
			<u>Const Cap</u>	<u>\$2,753</u>	23-24	<u><b>\$430</b></u>	23-24
			Total	\$6,029		<b>\$2,680</b>	

Note: Update the scope because an emergency director's order project repaired the slope and now the remaining collapsed wingwall is blocking the creek flow. Decrease construction support and capital because of the reduced scope. Decrease R/W capital because of the reduced permit fees and mitigation cost.

## 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)			
30 05-SB-1 49.2/50.4 2466 0513000026 1E030	In Guadalupe, from Route 166 (West Main Street) to 0.1 mile south of Santa Maria River Bridge; also on Route 166, from Route 1 to Obispo Street (PM 0.0/0.2). Upgrade curb ramps and other facilities to Americans with Disabilities Act (ADA) standards, construct new sidewalks, buffered bike lanes, bulb outs, and install flashing beacons as complete streets elements.	23-24 201.361	PA&ED	\$1,229	Prior	\$1,229	Prior
			PS&E	\$2,233	Prior	\$2,233	Prior
			R/W Sup	\$2,963	Prior	\$2,963	Prior
			Con Sup	\$1,447	23-24	\$1,447	23-24
			R/W Cap	\$1,284	23-24	\$1,284	23-24
			<u>Const Cap</u>	<del>\$3,816</del>	23-24	<b>\$6,192</b>	23-24
			Total	\$12,972		<b>\$15,348</b>	

Performance Measure

28 Curb ramp(s)

Note: Update construction capital because of additional landscaping, irrigation, sidewalk, and lighting. Update scope to include bulb outs, planting, pedestrian features, additional lighting, Transportation Management System (TMS) elements, flashing beacons, pedestrian push buttons, and crosswalk and bike lane enhancements. This additional need of \$1,291,000 will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

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	27.0	27.0
Post Condition	Each	28.0	0.0	0.0	28.0

31 05-SB-101 R52.3/R56.1 2902 0518000209 1K450	Near Buellton, from Old Coast Highway to south of Santa Rosa Road Overcrossing. Rehabilitate pavement and drainage systems.	23-24 201.121	PA&ED	\$1,312	Prior	\$1,312	Prior
			PS&E	\$1,963	Prior	\$1,963	Prior
			R/W Sup	\$189	Prior	\$189	Prior
			* Con Sup	<del>\$2,088</del>	23-24	<b>\$2,388</b>	23-24
			R/W Cap	<del>\$48</del>	23-24	<b>\$188</b>	23-24
			* <u>Const Cap</u>	<del>\$18,312</del>	23-24	<b>\$15,773</b>	23-24
			Total	\$23,912		<b>\$21,813</b>	

Performance Measure

14.4 Lane mile(s)

\* Phase not authorized

Note: Split landscape mitigation planting into project EA 1K451/PPNO 05-2902Y and split biological monitoring into Project EA 1K452/PPNO 05-2902X from parent project EA 1K450/PPNO 05-2902. Decrease construction capital because two culverts will be lined rather than replaced by the more expensive jack-and-bore method.

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

**List of 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)	
32 05-SB-101 R52.3/R56.1 2902Y 0523000055 1K451	Near Buellton, from Old Coast Highway to south of Santa Rosa Road Overcrossing. Landscape mitigation planting for EA 1K450.  <u>Performance Measure</u> 0.0 Lane mile(s)	25-26 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$200 \$0 \$450 \$0 <u>\$500</u> \$1,150	24-25   25-26  <u>25-26</u>

Note: Split landscape mitigation planting into project EA 1K451/PPNO 05-2902Y and split biological monitoring into Project EA 1K452/PPNO 05-2902X from parent project EA 1K450/PPNO 05-2902.

33 05-SB-101 R52.3/R56.1 2902X 0523000056 1K452	Near Buellton, from Old Coast Highway to south of Santa Rosa Road Overcrossing. Biological monitoring for EA 1K450.  <u>Performance Measure</u> 0.0 Lane mile(s)	26-27 201.121	PA&ED PS&E R/W Sup * Con Sup * R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$100 \$15 <u>\$0</u> \$115	26-27 26-27
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\* Phase not authorized

Note: Split landscape mitigation planting into project EA 1K451/PPNO 05-2902Y and split biological monitoring into Project EA 1K452/PPNO 05-2902X from parent project EA 1K450/PPNO 05-2902.

## 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)				
34 05-SB-154 R0.0/32.8 2919 0518000216 1K520	In Santa Barbara County, at various locations. Rehabilitate drainage systems and install Transportation Management System (TMS) elements.  <u>Performance Measure</u> 42 Culvert(s) 31 Culvert(s)	23-24 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <del>Const Cap</del> Total	\$1,926 \$2,044 \$558 \$2,342 \$139 <del>\$10,398</del> \$17,407	Prior Prior Prior 23-24 23-24 23-24 23-24	\$1,926 \$2,044 \$558 \$2,342 \$317 <del>\$10,398</del> \$20,166	Prior Prior Prior 23-24 23-24 23-24 23-24

Note: Split landscape mitigation planting into project EA 1K521/PPNO 05-2919Y and split biological monitoring into Project EA 1K522/PPNO 05-2919X from parent project EA 1K520/PPNO 05-2919. Increase R/W capital because additional easements and permit fees are necessary. Increase construction capital and performance because additional needs were identified by culvert inspection staff.

Performance Measure: Culverts (31 Each)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Linear feet	0.0	1,096.5	3,361.1	4,457.6
Post Condition	Linear feet	4,670.6	0.0	0.0	4,670.6

35 05-SB-154 R0.0/32.8 2919Y 0523000027 1K521	In Santa Barbara County, at various locations. Landscape mitigation planting for EA 1K520.  <u>Performance Measure</u> 0 Culvert(s)	25-26 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <del>Const Cap</del> Total	\$0 \$200 \$0 \$500 \$0 \$550 \$1,250	24-25 25-26 25-26
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Note: Split landscape mitigation planting into project EA 1K521/PPNO 05-2919Y and split biological monitoring into Project EA 1K522/PPNO 05-2919X from parent project EA 1K520/PPNO 05-2919.

36 05-SB-154 R0.0/32.8 2919X 0523000112 1K522	In Santa Barbara County, at various locations. Biological monitoring for EA 1K520.  <u>Performance Measure</u> 0 Culvert(s)	25-26 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <del>Const Cap</del> Total	\$0 \$0 \$0 \$100 \$20 \$0 \$120	25-26 25-26
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Note: Split landscape mitigation planting into project EA 1K521/PPNO 05-2919Y and split biological monitoring into Project EA 1K522/PPNO 05-2919X from parent project EA 1K520/PPNO 05-2919.

## 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)			
37 05-SB-166 0.0/8.9 3006 0519000093 1M310	In and near Guadalupe and Santa Maria, from Route 1 to Route 101. Rehabilitate pavement, install Transportation Management System (TMS) elements, reconstruct guardrail, replace signs, <b>add Class 2 bikeway, sidewalks, improve pedestrian crossing</b> , and upgrade facilities to Americans with Disabilities Act (ADA) standards.	25-26 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,415 \$2,553 \$733 \$4,113 \$69 <del>\$11,191</del> \$20,074	Prior 24-25 24-25 25-26 25-26 25-26 25-26	\$1,415 \$2,553 \$733 \$4,113 \$69 <b>\$14,391</b> <b>\$23,274</b>	Prior 24-25 24-25 25-26 25-26 25-26

Performance Measure

22.6 Lane mile(s)

Note: Update the scope and description to add Class 2 bikeway, sidewalks, and improve pedestrian crossing to maintain and provide a facility for all users. Increase construction capital because of the added scope. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

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	22.6	0.0	22.6
Post Condition	Lane mile(s)	22.6	0.0	0.0	22.6

38 05-SCr-9 8.5/25.5 2627 0516000005 1G950	Near Ben Lomond, from Holiday Lane to 4.7 miles north of the northern junction of Routes 236/9. Replace failed culverts systems and construct energy dissipaters.	22-23 201.335	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,445 \$2,377 \$1,078 \$2,025 \$328 <del>\$7,234</del> \$14,487	Prior Prior Prior 22-23 22-23 22-23	\$1,445 \$2,377 \$1,078 \$2,025 \$328 <b>\$7,179</b> <b>\$14,432</b>	Prior Prior Prior 22-23 22-23 22-23
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Note: Split biological monitoring into project EA 1G951/PPNO 05-2627X from parent project EA 1G950/PPNO 05-2627.

## 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)				
39 05-SCr-9 8.5/25.5 2627X 0523000263 1G951	Near Ben Lomond, from Holiday Lane to 4.7 miles north of the northern junction of Routes 236/9. Biological monitoring for drainage project EA 1G950.  <u>Performance Measure</u> 0.0 Acre(s) treated/pollutant	26-27 201.335	PA&ED			\$0	
			PS&E			\$0	
			R/W Sup			\$0	
			* Con Sup			\$45	26-27
			* R/W Cap			\$10	26-27
			<u>Const Cap</u>			\$0	
			Total			\$55	

\* Phase not authorized

Note: Split biological monitoring into project EA 1G951/PPNO 05-2627X from parent project EA 1G950/PPNO 05-2627.

40 05-SCr-129 L0.0/0.6 2775 0518000078 1J830	In and near Watsonville, from Route 1 to east of Blackburn Street; also on Route 152 (West Lake Avenue) from Main Street to Wagner Avenue (PM T2.8/1.33). Rehabilitate pavement and lighting, replace sign panels, install Transportation Management System (TMS) elements, construct new sidewalk, curb ramps, high visibility crosswalks, flashing beacons, and Class 2 and Class 3 bike lanes as complete streets elements.	23-24 201.121	PA&ED	\$1,143	Prior	\$1,143	Prior
			PS&E	\$2,616	Prior	\$2,616	Prior
			R/W Sup	\$2,022	Prior	\$2,022	Prior
			Con Sup	\$1,904	23-24	\$1,904	23-24
			R/W Cap	<del>\$726</del>	23-24	<del>\$726</del>	23-24
			<u>Const Cap</u>	<u>\$8,440</u>	23-24	<u>\$8,440</u>	23-24
			Total	\$16,851		\$17,068	

Performance Measure  
6.8 Lane mile(s)

Note: Increase R/W capital because of utility impacts and cost increases to permanent easements, temporary construction easements, and acquisition costs.

Performance Measure: Pavement		<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	<u>Unit</u> Lane mile(s)	0.0	6.8	0.0	6.8
Post Condition	Lane mile(s)	6.8	0.0	0.0	6.8



## 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)			
41 05-SLO-1 0.0/0.3 2650 0516000074 1H440	Near Guadalupe, at the Santa Maria River Bridge No. 49-0042; also in Santa Barbara County (PM 50.3/50.6). The bridge is scour critical and needs to be replaced. The existing bridge will be used for traffic handling during construction and then demolished. The highway will need to be realigned as a result of the new bridge location. The new bridge will provide standard lane and shoulder widths and include a protected walkway.	23-24 201.110	PA&ED	\$2,294	Prior	\$2,294	Prior
			PS&E	\$3,517	Prior	\$3,517	Prior
			R/W Sup	\$455	Prior	\$455	Prior
			Con Sup	\$9,660	22-23	\$9,660	22-23
			R/W Cap	\$1,030	22-23	\$1,030	22-23
			<u>Const Cap</u>	<del>\$33,880</del>	23-24	<b>\$32,640</b>	23-24
			Total	\$50,836		<b>\$49,596</b>	

Performance Measure

1 Bridge(s)

Note: Split landscape mitigation planting into project EA 1H441/PPNO 05-2650Y and split biological monitoring into Project EA 1H442/PPNO 05-2650X from parent project EA 1H440/PPNO 05-2650.

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	39,826.0	39,826.0
Post Condition	Square feet	66,300.0	0.0	0.0	66,300.0

42 05-SLO-1 0.0/0.3 2650Y 0523000132 1H441	<b>Near Guadalupe, at the Santa Maria River Bridge No. 49-0042; also in Santa Barbara County (PM 50.3/50.6). Landscape mitigation for bridge project EA 1H440.</b>	26-27 201.110	PA&ED	\$0	
			PS&E	\$200	25-26
			R/W Sup	\$0	
			* Con Sup	\$420	26-27
			R/W Cap	\$0	
			* <u>Const Cap</u>	<b>\$500</b>	<b>26-27</b>
<b><u>Performance Measure</u></b>			Total	<b>\$1,120</b>	
<b>0 Bridge(s)</b>					

\* Phase not authorized

Note: Split landscape mitigation planting into project EA 1H441/PPNO 05-2650Y and split biological monitoring into Project EA 1H442/PPNO 05-2650X from parent project EA 1H440/PPNO 05-2650.

**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)				
43 05-SLO-1 0.0/0.3 2650X 0523000133 1H442	Near Guadalupe, at the Santa Maria River Bridge No. 49-0042; also in Santa Barbara County (PM 50.3/50.6). Biological monitoring for bridge project EA 1H440.  <u>Performance Measure</u> 0 Bridge(s)	27-28 201.110	PA&ED			\$0	
			PS&E			\$0	
			R/W Sup			\$0	
			* Con Sup			\$100	27-28
			* R/W Cap			\$20	27-28
			<u>Const Cap</u>			\$0	
			Total			\$120	

\* Phase not authorized

Note: Split landscape mitigation planting into project EA 1H441/PPNO 05-2650Y and split biological monitoring into Project EA 1H442/PPNO 05-2650X from parent project EA 1H440/PPNO 05-2650.

44 05-SLO-58 1.8/6.9 2845 0518000095 1J970	Near Santa Margarita, from I Street to Route 229. Rehabilitate pavement and drainage, replace sign panels, and install Transportation Management System (TMS) elements.  <u>Performance Measure</u> 11.7 Lane mile(s)	23-24 201.121	PA&ED	\$1,622	Prior	\$1,622	Prior
			PS&E	\$2,253	Prior	\$2,253	Prior
			R/W Sup	\$968	Prior	\$968	Prior
			Con Sup	\$2,103	23-24	\$2,103	23-24
			R/W Cap	<del>\$2,549</del>	23-24	<b>\$856</b>	23-24
			<u>Const Cap</u>	<del>\$6,500</del>	23-24	<b>\$7,817</b>	23-24
			Total	\$15,995		<b>\$15,619</b>	

Note: Split landscape mitigation work into project EA 1J971/PPNO 05-2845Y from parent project EA 1J970/PPNO 05-2845. Increase construction capital because of cost increases in paving, drainage, and traffic handling. Reduce R/W capital because updated surveys show most work can be constructed within the state R/W.

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

45 05-SLO-58 1.8/6.9 2845Y 0522000175 1J971	Near Santa Margarita, from I Street to Route 229. Mitigation project for landscaping for pavement project EA 1J970.  <u>Performance Measure</u> 0.0 Lane mile(s)	24-25 201.121	PA&ED			\$0	
			PS&E			\$748	23-24
			R/W Sup			\$400	23-24
			Con Sup			\$418	24-25
			R/W Cap			\$1,000	24-25
			<u>Const Cap</u>			\$240	24-25
			Total			\$2,806	

Note: Split landscape mitigation work into project EA 1J971/PPNO 05-2845Y from parent project EA 1J970/PPNO 05-2845.

## 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)			
46 05-SLO-101 7.8/16.5 2778 051800081 1J860	In and near Pismo Beach, Arroyo Grande, and Nipomo, from Los Barros Road to south of Hinds Avenue Overcrossing. Rehabilitate pavement, drainage systems, enhance highway worker safety, designate bikeways with pavement delineation, <b>add bike lanes and curb ramps</b> , and install Transportation Management System (TMS) elements.	23-24 201.121	PA&ED PS&E R/W Sup * Con Sup R/W Cap * <u>Const Cap</u> Total	\$1,610 \$3,209 \$655 <del>\$5,426</del> <del>\$230</del> <del>\$27,382</del> \$38,512	Prior Prior Prior 23-24 23-24 23-24	\$1,610 \$3,209 \$655 <b>\$4,426</b> <b>\$206</b> <b>\$34,732</b> <b>\$44,838</b>	Prior Prior Prior 23-24 23-24 23-24

\* Phase not authorized

G13 Contingency

Performance Measure  
 34.7 Lane mile(s)

Note: Increase construction capital to upgrade a concrete barrier and because of higher paving costs. Decrease R/W capital because of revised parcel needs. Decrease construction support because structure items will not require as many hours as originally estimated. Increase in construction capital to add bike lanes and curb ramps, this additional need of \$1,000,000 will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

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

47 06-Fre-180 47.3/48.0 7009 0619000172 0Y410	Near Rolinda, from 0.3 mile west to 0.3 mile east of Dickenson Avenue. Construct roundabout.	23-24 201.010	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,600 \$1,700 \$800 \$1,550 <del>\$830</del> <del>\$5,600</del> \$12,080	Prior Prior Prior 23-24 23-24 23-24	\$1,600 \$1,700 \$800 \$1,550 <b>\$441</b> <b>\$7,504</b> <b>\$13,595</b>	Prior Prior Prior 23-24 23-24 23-24
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Note: Decrease R/W capital because a lesser than originally anticipated number of parcels has been realized for environmental clearance. Increase construction capital to expand the roundabout to accommodate future traffic volumes.

## 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)	
48 06-Fre-180 M77.0/R77.7 8053 0620000212 1A462	Near the community of Yokuts Valley, from east of George Smith Road to Elwood Road. Oak tree mitigation and replacement planting for EA 1A460.  <u>Performance Measure</u> 0 Collision(s) reduced	25-26 201.010	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$20 \$100 \$1 \$189 \$0 <u>\$375</u> \$685	24-25 24-25 24-25 25-26  <u>25-26</u>

Note: Split environmental mitigation work into project EA 1A462/PPNO 06-8053 from parent project EA 1A460/PPNO 06-7047.

49 06-Fre-180 89.6/90.7 7047 0620000037 1A460	Near the community of <del>Squaw Valley</del> <b>Yokuts Valley</b> , from east of George Smith Road to Elwood Road. Construct two-way left-turn lane.  <u>Performance Measure</u> 20 Collision(s) reduced	23-24 201.010	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$950 \$800 \$20 \$600 <del>\$70</del> <del>\$2,000</del> \$4,440	Prior Prior Prior 23-24 23-24 23-24 23-24	\$950 \$800 \$20 \$600 <u>\$96</u> <u>\$2,877</u> \$5,343
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Note: Split environmental mitigation work into project EA 1A462/PPNO 06-8053 from parent project EA 1A460/PPNO 06-7047. Increase in Con Cap is due to a refined estimate of earthwork quantities, increase in the price per cubic yard of imported borrow, and increased mitigation work. Increase R/W Cap because of positive utility location work. Update community name because it has changed.

50 06-Ker-33 21.8/39.8 6894 0618000043 0X240	Near Taft, from 0.9 mile south of Henry Road to north of Cymric Road (north) at various locations. Rehabilitate drainage systems.  <u>Performance Measure</u> 40 Culvert(s)	23-24 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,700 \$1,600 \$1,500 \$1,500 <del>\$630</del> <u>\$4,500</u> \$11,430	Prior Prior Prior 23-24 23-24 23-24 23-24	\$1,700 \$1,600 \$1,500 \$1,500 <u>\$1,090</u> <u>\$4,500</u> \$11,890
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Note: Update R/W capital to include environmental mitigation needed for impacts to the San Joaquin Antelope Squirrel (SJAS) and to include additional positive underground utility verification.

Performance Measure: Culverts (40 Each)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet	39.5	535.0	1,923.9	2,498.4
Post Condition	Linear feet	2,459.9	0.0	0.0	2,459.9

## List of 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)			
51 06-Kin-41 16.6/16.9 7031 0619000078 0X950	Near Kettleman City, from 0.1 mile south to 0.2 mile north of Bernard Drive. Construct roundabout.  <u>Performance Measure</u> 43 Collision(s) reduced	23-24 201.010	PA&ED	\$1,700	Prior	\$1,700	Prior
			PS&E	\$2,200	Prior	\$2,200	Prior
			R/W Sup	\$1,300	Prior	\$1,300	Prior
			Con Sup	\$2,600	23-24	\$2,600	23-24
			R/W Cap	<del>\$2,238</del>	23-24	<b>\$4,717</b>	23-24
			<u>Const Cap</u>	<u>\$6,464</u>	23-24	<u>\$6,464</u>	23-24
			Total	\$16,502		<b>\$18,981</b>	

Note: R/W Cap increased because of additional need for positive underground utility location determination work and utility relocation work. Also, the acquisition cost increased because of an anticipated loss of goodwill claim, and costs to address increased work in the appraisal reports.

52 06-Tul-190 11.3/11.5 7033 0619000232 1A310	Near Porterville, from 0.1 mile west to 0.1 mile east of Rockford Road. Construct roundabout.  <u>Performance Measure</u> 23 Collision(s) reduced	23-24 201.010	PA&ED	\$1,400	Prior	\$1,400	Prior
			PS&E	\$1,550	Prior	\$1,550	Prior
			R/W Sup	\$850	Prior	\$850	Prior
			Con Sup	\$1,350	23-24	\$1,350	23-24
			R/W Cap	<del>\$750</del>	23-24	<b>\$950</b>	23-24
			<u>Const Cap</u>	<u>\$4,200</u>	23-24	<u>\$4,441</u>	23-24
			Total	\$10,100		<b>\$10,541</b>	

Note: Increase R/W capital because an increase in acquisition and Title/Escrow fees. Increase construction capital because of included installation of flashing beacons and lighting at the roundabout.

53 07-LA-1 0.0 4983 0716000043 32090	In Long Beach, at the San Gabriel River Bridge No. 53-0060. Widen bridge and upgrade bridge rail.  <u>Performance Measure</u> 1 Bridge(s)	<del>23-24</del>	PA&ED	\$1,555	Prior	\$1,555	Prior
		<b>24-25</b>	PS&E	\$2,759	Prior	\$2,759	Prior
		201.110	R/W Sup	\$950	Prior	\$950	Prior
			Con Sup	<del>\$4,633</del>	<del>23-24</del>	<b>\$5,342</b>	<b>24-25</b>
			R/W Cap	<del>\$23,210</del>	<del>23-24</del>	<b>\$8,269</b>	<b>24-25</b>
			<u>Const Cap</u>	<u>\$16,527</u>	<del>23-24</del>	<u>\$23,580</u>	<b>24-25</b>
			Total	\$49,634		<b>\$42,455</b>	

Note: A new alternative has been developed for this project that will widen the bridge to the east side, which increases construction capital and support due to additional retaining walls, excavation, and piles, but reduces R/W capital because of the reduction in utility impacts, for an overall project savings. Delivery year is moving out to address environmental impacts, utility relocations, and easement acquisition.

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	28,664.0	0.0	0.0	28,664.0
Post Condition	Square feet	38,942.0	0.0	0.0	38,942.0

## 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)				
54 07-LA-5 R44.8/R45.9 5489 0718000306 35380	In the city of Los Angeles, near Sylmar at Truck Undercrossing Tunnels No. 53-1959 and No. 53-1983. Upgrade lighting to Light Emitting Diode (LED) lighting, paint tunnel interiors, and install Transportation Management System (TMS) elements.	23-24	PA&ED	\$746	Prior	\$746	Prior
		201.170	PS&E	\$2,094	Prior	\$2,094	Prior
			R/W Sup	\$67	Prior	\$67	Prior
			Con Sup	\$4,034	23-24	\$4,034	23-24
			R/W Cap	\$20	23-24	\$20	23-24
			<u>Const Cap</u>	<u>\$16,687</u>	23-24	<u>\$20,319</u>	23-24
			Total	\$23,648		<b>\$27,280</b>	

Performance Measure

~~1,108~~ Lighting fixture(s)

**1,137** Lighting fixture(s)

Note: Increase performance because of field verification of the number of units. Increase construction capital because of increases in lighting costs, upgrades to automatic transfer switches, and a revised traffic control estimate.

Performance Measure: Highway Lighting Fixtures					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Each	0.0	0.0	1,137.0	1,137.0
Post Condition	Each	1,137.0	0.0	0.0	1,137.0

55 07-LA-5 R59.7R/R73.7 5994 0720000128 37040	Near Castaic, from north of Lake Hughes Road to north of Reservoir Hill Road. Rehabilitate pavement, upgrade guardrail, and replace overhead sign structure and sign panels.	<del>24-25</del>	PA&ED	\$1,408	Prior	\$1,408	Prior
		<b>23-24</b>	PS&E	\$3,159	22-23	\$3,159	22-23
		201.121	R/W Sup	\$115	22-23	\$115	22-23
			Con Sup	<del>\$6,294</del>	<del>24-25</del>	<b>\$6,994</b>	<b>23-24</b>
			R/W Cap	\$297	<del>24-25</del>	\$297	<b>23-24</b>
			<u>Const Cap</u>	<u><del>\$38,778</del></u>	<del>24-25</del>	<u><b>\$49,176</b></u>	<b>23-24</b>
			Total	\$50,051		<b>\$61,149</b>	

Note: Advance delivery to expedite delivery of this project. Increase construction capital because additional quantities of earthwork, steel post guardrail, vegetation control, and traffic items have been added to the project. Increase construction support because working days are increasing.

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.3	112.2	0.0	112.5
Post Condition	Lane mile(s)	112.5	0.0	0.0	112.5

## 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)				
56 07-LA-10 R4.7/18.9 5547 0719000111 35840	In the city Los Angeles, from east of Bundy Drive to Route 5. Rehabilitate culverts.  <u>Performance Measure</u> 22 Culvert(s)	23-24 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$609 \$1,495 \$25 \$1,694 <del>\$10</del> <del>\$6,613</del> \$10,446	Prior Prior Prior 23-24 23-24 23-24 23-24	\$609 \$1,495 \$25 \$1,694 <b>\$18</b> <b>\$4,545</b> <b>\$8,386</b>	Prior Prior Prior 23-24 23-24 23-24

Note: Increase R/W capital because of additional positive underground utility verification. Decrease construction capital because of revised costs developed in the Project Report to replace or re-line the existing culverts.

Performance Measure: Culverts (22 Each)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet	6.0	851.6	278.1	1,135.7
Post Condition	Linear feet	1,135.7	0.0	0.0	1,135.7

57 07-LA-39 20.7 5396 0718000152 34890	Near Azusa, at Van Orum Canyon Bridge No. 53-0115. Upgrade bridge rail and install guardrail.  <u>Performance Measure</u> <del>205.0 Linear feet rail</del> <b>301.0 Linear feet rail</b>	23-24 201.112	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$533 \$1,484 \$67 \$1,225 <del>\$14</del> <del>\$1,125</del> \$4,448	Prior Prior Prior 23-24 23-24 23-24 23-24	\$533 \$1,484 \$67 \$1,225 <b>\$3</b> <b>\$1,587</b> <b>\$4,899</b>	Prior Prior Prior 23-24 23-24 23-24
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Note: Increase bridge rail length by an average of 24 feet on all four corners to improve safety while approaching and departing the bridge. Increase construction capital because of the additional rail cost. Decrease R/W capital because it was determined there are now no utility conflicts.

Performance Measure: Bridges (1 Bridge(s))					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet rail	0.0	0.0	301.0	301.0
Post Condition	Linear feet rail	301.0	0.0	0.0	301.0

## 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)			
58 07-Ven-118 15.6/R17.9 5432 0718000204 35170	In Moorpark, from Montair Drive to Spring Road. Rehabilitate pavement, upgrade guardrail, upgrade Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	23-24 201.121	PA&ED	\$1,260	Prior	\$1,260	Prior
			PS&E	\$3,220	Prior	\$3,220	Prior
			R/W Sup	\$1,764	Prior	\$1,764	Prior
			Con Sup	<del>\$2,620</del>	23-24	<b>\$3,200</b>	23-24
			R/W Cap	<del>\$1,412</del>	23-24	<b>\$327</b>	23-24
			<u>Const Cap</u>	<u>\$16,744</u>	23-24	<u>\$16,744</u>	23-24
			Total	\$27,020		<b>\$26,515</b>	
<u>Performance Measure</u> 8.2 Lane mile(s)							

Note: Reduce R/W capital because ADA facilities were designed to avoid Temporary Construction Easements (TCEs), and less positive underground utility verification work is necessary. Increase construction support because additional working days are needed for inspection effort on pedestrian push buttons and curb ramps.

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	5.0	3.2	8.2
Post Condition	Lane mile(s)	8.2	0.0	0.0	8.2

59 08-Riv-10 R58.0 3014U 0819000141 1L060	In Indio, at the Indio Maintenance Station at 83997 Indio Boulevard. Demolish two buildings, construct one new building, construct six bay materials bins, add a generator, <b>construct Electric Vehicle (EV) chargers</b> , and upgrade facilities to Americans with Disabilities Act (ADA) standards.	24-25 201.352	PA&ED	\$898	Prior	\$898	Prior
			PS&E	\$2,205	23-24	\$2,205	23-24
			R/W Sup	\$47	23-24	\$47	23-24
			Con Sup	\$2,164	24-25	\$2,164	24-25
			R/W Cap	\$26	24-25	\$26	24-25
			<u>Const Cap</u>	<u><del>\$7,503</del></u>	24-25	<u><b>\$7,903</b></u>	24-25
			Total	\$12,843		<b>\$13,243</b>	
<u>Performance Measure</u> 1.0 Location(s)							

Note: One Level 3 and two Level 2 EV chargers will be installed at the maintenance station. Increase construction capital to add these devices to the project. 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	Square Feet	0.0	0.0	4,000.0	4,000.0
Post Condition	Square Feet	4,800.0	0.0	0.0	4,800.0



## 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)				
60 08-Riv-10 R71.2/R72.6 0049T 0815000218 0G850	Near Indio, at the Cactus City Safety Roadside Rest Areas (SRRA). Reconstruct and upgrade eastbound and westbound SRRA facilities and upgrade water and wastewater systems.	23-24 201.250	PA&ED	\$1,194	Prior	\$1,194	Prior
			PS&E	\$4,282	Prior	\$4,282	Prior
			R/W Sup	\$69	Prior	\$69	Prior
			Con Sup	\$5,445	23-24	\$5,445	23-24
			R/W Cap	<del>\$754</del>	23-24	<b>\$858</b>	23-24
			<u>Const Cap</u>	<u><del>\$28,434</del></u>	23-24	<b>\$31,200</b>	23-24
			Total	\$40,178		<b>\$43,048</b>	
<u>Performance Measure</u>							
2.0 Location(s)							

Note: Increase R/W capital because the cost to acquire easements has risen. Increase construction capital because costs for pavement, structures, and landscaping have all gone up.

Performance Measure:					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Each	0.0	0.0	2.0	2.0
Post Condition	Each	2.0	0.0	0.0	2.0

61 08-Riv-15 3.5/6.8 3013F 0819000031 1K400	In Temecula, from north of Temecula Parkway to north of Winchester Road. Construct auxiliary lanes to facilitate merging movements, rehabilitate lighting, rehabilitate drainage, install Transportation Management System (TMS) elements, and upgrade guardrail.	23-24 201.310	PA&ED	\$3,177	Prior	\$3,177	Prior
			PS&E	\$3,600	22-23	\$3,600	22-23
			R/W Sup	\$69	22-23	\$69	22-23
			Con Sup	\$7,441	23-24	\$7,441	23-24
			R/W Cap	<del>\$70</del>	23-24	<b>\$120</b>	23-24
			<u>Const Cap</u>	<u><del>\$39,302</del></u>	23-24	<b>\$38,251</b>	23-24
			Total	\$53,659		<b>\$52,658</b>	

Performance Measure

3,556.0 Daily vehicle hour(s) of delay (DVHD)

Concurrent COS allocation under Resolution FP-22-96; June 2023.

Note: Increase R/W capital because of revised costs for offsite mitigation, permit fees, and positive underground utility verification work. Decrease construction capital to match updated costs from the project report.

## 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)			
62 08-Riv-15 15.9/20.3 3008E 0813000215 1E340	In Wildomar and Lake Elsinore, from south of Bundy Canyon Road to north of Grunder Drive/Franklin Street. Construct Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for Total Maximum Daily Load (TMDL).	23-24 201.335	PA&ED	\$314	Prior	\$314	Prior
			PS&E	\$467	Prior	\$467	Prior
			R/W Sup	\$15	Prior	\$15	Prior
			Con Sup	\$622	23-24	\$622	23-24
			R/W Cap	\$10	23-24	\$10	23-24
			<u>Const Cap</u>	<del>\$3,564</del>	23-24	<b>\$4,414</b>	23-24
			Total	\$4,992		<b>\$5,842</b>	

Performance Measure

~~40.0 Acre(s) treated/pollutant~~

**47.5 Acre(s) treated/pollutant**

Note: Detention basins and a concrete v-ditch will be constructed to treat sediment and nutrients. Increase construction support and construction capital to add these devices to the project. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

63 08-Riv-15 16.3/52.3 3012F 0818000124 1J870	In and near Lake Elsinore, Corona, Norco, Jurupa Valley, and Eastvale, at various locations from Bundy Canyon Road to Philadelphia Street (San Bernardino County line) (PM 16.3/52.270). Upgrade facilities to Americans with Disabilities Act (ADA) standards.	23-24 201.361	PA&ED	\$1,012	Prior	\$1,012	Prior
			PS&E	\$1,486	Prior	\$1,486	Prior
			R/W Sup	\$319	Prior	\$319	Prior
			Con Sup	<del>\$1,044</del>	23-24	<b>\$1,466</b>	23-24
			R/W Cap	\$67	23-24	\$67	23-24
			<u>Const Cap</u>	<del>\$1,633</del>	23-24	<b>\$2,340</b>	23-24
			Total	\$5,558		<b>\$6,690</b>	

Performance Measure

~~14 Curb ramp(s)~~

**15 Curb ramp(s)**

Note: Update performance because two new ramps are being added and one ramp was removed as it was decommissioned. Increase construction support because working days are increasing from 90 to 130 working days as a result of the ADA work and an additional drainage system. Increase construction capital because of revised costs for pavement, drainage, and traffic items.

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	13.0	13.0
Post Condition	Each	15.0	0.0	0.0	15.0

## 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)				
64 08-Riv-74 5.7/11.8 3016R 0819000090 1K690	In and near Lake Elsinore, from west of Monte Vista StreeWista Road to Grand Avenue. Widen roadway to provide a two-foot median buffer and four-foot shoulders, install rumble strips, upgrade guardrail, and re-grade side slopes.	23-24 201.010	PA&ED	\$5,921	Prior	\$5,921	Prior
			PS&E	\$5,161	Prior	\$5,161	Prior
			R/W Sup	\$333	Prior	\$333	Prior
			Con Sup	\$8,798	23-24	\$8,798	23-24
			R/W Cap	<del>\$3,287</del>	23-24	<b>\$4,216</b>	23-24
			<u>Const Cap</u>	<u><del>\$91,974</del></u>	23-24	<b>\$90,796</b>	23-24
			Total	\$115,474		<b>\$115,225</b>	
<u>Performance Measure</u>							
95 Collision(s) reduced							
21 Collision(s) reduced							

Note: Increase R/W capital because of added costs for acquisitions and utility relocation needs. Decrease construction capital as a result of adjusted unit costs. Revise performance to correct a clerical error.

65 08-Riv-215 40.5/42.7 3011Y 0818000102 1J610	In the city of Riverside, from south of Martin Luther King Boulevard to north of Chicago Avenue. Rehabilitate pavement, upgrade curb ramps to Americans with Disabilities Act (ADA) standards, and replace sign structures and signs.	23-24 201.121	PA&ED	\$1,022	Prior	\$1,022	Prior
			PS&E	\$1,800	Prior	\$1,800	Prior
			R/W Sup	\$90	Prior	\$90	Prior
			* Con Sup	<del>\$2,953</del>	23-24	<b>\$3,846</b>	23-24
			R/W Cap	\$90	23-24	\$90	23-24
			* <u>Const Cap</u>	<u><del>\$19,861</del></u>	23-24	<b>\$24,478</b>	23-24
			Total	\$25,816		<b>\$31,326</b>	
G13 Contingency							
<u>Performance Measure</u>							
21.3 Lane mile(s)			* Phase not authorized				

Note: Increase construction capital because of cost increases in pavement, thermoplastic traffic stripe, and traffic control items. Increase construction support because construction staging will require additional working days.

Performance Measure: Pavement		<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
	<u>Unit</u>				
Existing Condition	Lane mile(s)	1.5	12.4	7.4	21.3
Post Condition	Lane mile(s)	21.3	0.0	0.0	21.3

## 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)			
66 08-SBd-18 34.0/44.3 3011K 0818000018 1J310	Near Big Bear Lake, from Arrowbear Drive to Route 38. Rehabilitate culverts and install Changeable Message Sign (CMS).  <u>Performance Measure</u> 26 Culvert(s)	23-24 201.151	PA&ED	\$1,156	Prior	\$1,156	Prior
			PS&E	\$1,260	Prior	\$1,260	Prior
			R/W Sup	\$23	Prior	\$23	Prior
			Con Sup	\$1,742	23-24	\$1,742	23-24
			R/W Cap	\$523	23-24	\$523	23-24
			<u>Const Cap</u>	<u>\$4,988</u>	23-24	<u>\$4,988</u>	23-24
			Total	\$9,692		\$9,692	

Note: Revise existing condition performance based on latest culvert inspections.

Performance Measure: Culverts (26 Each)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet	0.0	290.7	1,829.8	2,120.5
Post Condition	Linear feet	2,120.5	0.0	0.0	2,120.5

67 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, and replace sign panels.  <u>Performance Measure</u> 19.8 Lane mile(s)	25-26 201.121	PA&ED	\$1,694	Prior	\$1,694	Prior
			PS&E	\$1,642	23-24	\$1,642	23-24
			R/W Sup	\$944	23-24	\$944	23-24
			Con Sup	\$2,872	25-26	\$2,872	25-26
			R/W Cap	\$150	25-26	\$150	25-26
			<u>Const Cap</u>	<u>\$19,709</u>	25-26	<u>\$16,303</u>	25-26
			Total	\$21,005		<b>\$23,605</b>	

Note: Drainage improvements and culvert upsizing will be added to this project to increase climate resiliency. Increase construction capital to add these items to the project. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

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	18.4	1.4	19.8
Post Condition	Lane mile(s)	19.8	0.0	0.0	19.8

## 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)			
68 08-SBd-38 1.3/4.1 3014G 0819000129 1K860	In near Redlands, from Occidental Drive to Crafton Avenue. Rehabilitate pavement, upgrade Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	25-26 201.121	PA&ED	\$1,802	Prior	\$1,802	Prior
			PS&E	<del>\$1,580</del>	23-24	<b>\$2,212</b>	23-24
			R/W Sup	<del>\$2,238</del>	23-24	<b>\$3,677</b>	23-24
			Con Sup	\$2,045	25-26	\$2,045	25-26
			R/W Cap	\$784	25-26	\$784	25-26
			<u>Const Cap</u>	<u>\$11,697</u>	25-26	<u>\$11,697</u>	25-26
			<b>Total</b>	<b>\$20,146</b>		<b>\$22,217</b>	
<u>Performance Measure</u> 5.6 Lane mile(s)							

Note: Increase PS&E because of efforts required for additional field surveys, R/W mapping, and revisions to ADA facilities to minimize impacts, due to limited survey information being available when the project was being scoped. Increase R/W support because additional acquisitions are needed, and negotiations to acquire parcels are taking longer than expected.

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	5.6	0.0	5.6
Post Condition	Lane mile(s)	5.6	0.0	0.0	5.6

69 08-SBd-138 T16.3/R17.3 3019X 0821000070 1M080	Near Cajon Junction, from 1.0 mile east of Wagon Train Road to Hog Ranch Creek Bridge. Realign horizontal and vertical curves, construct 8-foot shoulders, and install rumble strips and guardrail.	25-26 201.010	PA&ED	\$1,580	Prior	\$1,580	Prior
			PS&E	<del>\$1,852</del>	24-25	<b>\$1,922</b>	24-25
			R/W Sup	\$177	24-25	\$177	24-25
			Con Sup	<del>\$1,933</del>	25-26	<b>\$2,003</b>	25-26
			R/W Cap	\$216	25-26	\$216	25-26
			<u>Const Cap</u>	<u>\$8,421</u>	25-26	<u>\$10,281</u>	25-26
			<b>Total</b>	<b>\$14,179</b>		<b>\$16,179</b>	
<u>Performance Measure</u> 36 Collision(s) reduced							

Note: An additional culvert and Rock Slope Protection (RSP) will be added to this project to increase climate resiliency. Increase construction capital to add these items to the project. 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)			
70 08-SBd-247 0.0/23.0 3011F 0818000014 1J270	In and near Yucca Valley, from Route 62 to north of Gin Road. Rehabilitate pavement and widen shoulders.  <u>Performance Measure</u> 47.5 Lane mile(s)	23-24 201.121	PA&ED	\$1,494	Prior	\$1,494	Prior
			PS&E	\$2,073	Prior	\$2,073	Prior
			R/W Sup	\$2,090	Prior	\$2,090	Prior
			Con Sup	<del>\$2,700</del>	23-24	<b>\$4,200</b>	23-24
			R/W Cap	<del>\$787</del>	23-24	<b>\$1,326</b>	23-24
			<u>Const Cap</u>	<u>\$28,500</u>	23-24	<u>\$28,500</u>	23-24
			Total	\$37,644		<b>\$39,683</b>	

Note: Increase R/W capital because of revised costs for acquisition, offsite mitigation costs, permit fees, and positive underground utility location work. Increase construction support because staged construction plans are resulting in a greater number of working days.

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.0	47.5	0.0	47.5
Post Condition	Lane mile(s)	47.5	0.0	0.0	47.5

71 08-SBd-247 73.2/78.096 3015A 0819000155 1L090	In and near Barstow, from Stoddard Wells Road to Route 15. Rehabilitate pavement, replace sign panels, <b>add bike lanes</b> , and upgrade facilities to Americans with Disabilities Act (ADA) standards.  <u>Performance Measure</u> 12.3 Lane mile(s)	25-26 201.121	PA&ED	\$1,480	Prior	\$1,480	Prior
			PS&E	\$1,417	23-24	\$1,417	23-24
			R/W Sup	\$1,415	23-24	\$1,415	23-24
			Con Sup	\$1,524	25-26	\$1,524	25-26
			R/W Cap	\$652	25-26	\$652	25-26
			<u>Const Cap</u>	<del>\$6,394</del>	25-26	<b>\$9,399</b>	25-26
			Total	\$14,882		<b>\$15,887</b>	

Note: Buffered Class 2 bike lanes will be added to the project. Increase construction capital to add this feature to the project. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

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	12.3	0.0	12.3
Post Condition	Lane mile(s)	12.3	0.0	0.0	12.3

## 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)			
72 09-Iny-395 56.8/R58.3 2647 0918000017 37450	Near Lone Pine, from Teya Road to East Lubken Avenue. Upgrade facilities to Americans with Disabilities Act (ADA) standards and construct new sidewalk, curb ramp and driveway as complete streets elements.	23-24 201.361	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$526 \$846 \$781 \$1,248 \$324 <u>\$2,317</u> \$6,042	Prior Prior Prior 23-24 23-24 23-24 23-24	\$526 \$846 \$781 \$1,248 \$324 <u>\$2,830</u> \$6,555	Prior Prior Prior 23-24 23-24 23-24 23-24
	<u>Performance Measure</u> 9 Curb ramp(s) 11 Curb ramp(s)						

Note: Update the performance by adding two curb ramps. Increase construction capital due to the mentioned performance. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

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	3.0	3.0
Post Condition	Each	11.0	0.0	0.0	11.0

73 09-Iny-395 <del>R65.0R76.0</del> <b>R65.0R/76.0</b> 2671 0919000004 37900	<b>At and near</b> Near Independence, from 3.0 miles south of Manzanar Reward Road to 0.3 mile north of Shabbell Lane. Rehabilitate roadway, install Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards <b>and install complete streets improvements.</b>	23-24 201.120	PA&ED PS&E R/W Sup * Con Sup R/W Cap * <u>Const Cap</u> Total	\$1,447 \$1,273 \$1,203 \$2,412 <del>\$137</del> <u>\$47,202</u> \$53,674	Prior Prior Prior 23-24 23-24 23-24 23-24	\$1,447 \$1,273 \$1,203 \$2,412 <b>\$331</b> <u>\$47,922</u> \$54,588	Prior Prior Prior 23-24 23-24 23-24 23-24
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G13 Contingency

\* Phase not authorized

Performance Measure  
45.0 Lane mile(s)

Note: Update postmiles as a clarification and description to add complete streets improvements that will reduce vehicle speeds and increase pedestrian safety. Increase construction capital because of the above mentioned reason. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	17.2	27.8	0.0	45.0
Post Condition	Lane mile(s)	45.0	0.0	0.0	45.0

## 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)			
74 10-Alp-88 2.0/25.0 3436 1018000275 1G020	Near Kirkwood, on Routes 88, 4, and 89 in Alpine, Amador, and El Dorado Counties at various locations. Install new Transportation Management System (TMS) elements and construct Maintenance Vehicle Pullouts (MPVs).  G13 Contingency	<del>23-24</del> <b>24-25</b> 201.315	PA&ED PS&E R/W Sup * Con Sup R/W Cap * <u>Const Cap</u> Total	\$2,094 \$2,589 \$1,073 <del>\$3,592</del> <del>\$820</del> <u>\$23,440</u> \$33,608	Prior 21-22 21-22 <del>23-24</del> <del>23-24</del> <del>23-24</del>	\$2,094 \$2,589 \$1,073 <b>\$2,570</b> <b>\$20</b> <b>\$12,059</b> <b>\$20,405</b>	Prior 21-22 21-22 <b>24-25</b> <b>24-25</b> <b>24-25</b>

Performance Measure  
~~63 Field element(s)~~  
**35 Field element(s)**

\* Phase not authorized

Note: Project scope changed to address public comments and service connection issues. Removing 5 locations from the project has resulted in a decrease in con sup & cap and R/W cap costs and decrease in performance measure. Project team is updating the project to revise scope, cost, and schedule. A second public circulation of the supplemental draft environmental document and project approval is delaying project delivery to FY 24/25.

Performance Measure: TMS Elements		Good	Poor	
	<u>Unit</u>	<u>(Operational)</u>	<u>(Not Operational)</u>	<u>Quantity</u>
Existing Condition	Field element(s)	0.0%	100.0%	4.0
Post Condition	Field element(s)	100.0%	0.0%	35.0

75 10-Cal-4 32.4/37.4 3409 1017000181 1G620	Near Forest Meadows, from 1.4 miles east of Forest Meadows Drive to Moran Road; also on Route 49 in Calaveras County (PM 5.78/16.98) and Tuolumne County (PM 12.64/17.17) at various locations. Rehabilitate drainage systems.	23-24 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,248 \$987 \$225 \$1,134 <del>\$418</del> <u>\$2,677</u> \$6,689	Prior 22-23 22-23 23-24 23-24 23-24	\$1,248 \$987 \$225 \$1,134 <b>\$236</b> <b>\$4,297</b> <b>\$8,127</b>	Prior 22-23 22-23 23-24 23-24
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Performance Measure  
 22 Culvert(s)

Concurrent COS allocation under Resolution FP-22-96, June 2023.

Note: Update performance to reflect existing culvert conditions based on latest inspection. Decrease R/W capital due to reduced area of impact since during PA&ED it was determined that no mitigation is needed. Increase construction capital due to change in culvert construction methodology to jack and bore, unit price adjustments to current trends, and increase in environmental monitoring, traffic control, COZEEP and contingency costs.

Performance Measure: Culverts (22 Each)		Good	Fair	Poor	Quantity
	<u>Unit</u>				
Existing Condition	Linear feet	0.0	192.9	1,756.1	1,949.0
Post Condition	Linear feet	1,949.0	0.0	0.0	1,949.0



**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)			
76 10-Cal-12 <del>47.3</del> 17.1/17.6 3288 1013000008 0X740	Near San Andreas, <b>from 0.2 mile west to 0.3 mile east of at</b> North Fork Calaveras Creek Bridge No. 30-0007. <b>Replace bridge and realign roadway.</b>  <u>Performance Measure</u> 1 Bridge(s)	23-24 201.110	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,072 \$2,093 \$90 <del>\$2,293</del> \$145 <del>\$8,557</del> \$14,250	Prior Prior Prior 23-24 23-24 23-24	\$1,072 \$2,093 \$90 <b>\$2,500</b> <b>\$688</b> <b>\$16,631</b> <b>\$23,074</b>	Prior Prior Prior 23-24 23-24 23-24

Note: Project scope was changed to include roadway realignment to avoid nonstandard walls and to standardize curvature and super elevation. Update description, post miles and output due to scope change. Increase Con Sup due to new alignment and additional working days. Increase Con Cap due to added scope, cost of revised bridge design, and mitigation monitoring. Increase R/W Cap due to acquisitions and utility relocation.

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	9,838.0	0.0	9,838.0
Post Condition	Square feet	14,960.0	0.0	0.0	14,960.0

77 10-Cal-49 8.5/9.1 3434 1017000057 1H010	In Angels Camp, on Main Street from north of Stockton Road to north of Francis Street; also on Route 49 from 0.2 miles west and east of Main Street (PM R20.9/R21.3). Construct roundabouts, upgrade facilities to Americans with Disabilities Act (ADA) standards, and enhance pedestrian and bicyclist safety.	<del>24-25</del> <b>25-26</b> 201.310	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,727 \$2,158 \$1,248 <del>\$1,479</del> <del>\$3,204</del> <del>\$8,852</del> \$18,665	Prior 22-23 22-23 <del>24-25</del> <del>24-25</del> <del>24-25</del>	\$1,727 \$2,158 \$1,248 <b>\$1,530</b> <b>\$3,639</b> <b>\$9,183</b> <b>\$19,485</b>	Prior 22-23 22-23 <b>25-26</b> <b>25-26</b> <b>25-26</b>
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Performance Measure  
204.0 Daily vehicle hour(s) of delay (DVHD)

Note: Project delivery year is being moved to FY 25-26 due to legal challenges by a land owner for Permits to Enter needed to survey the underground gas tank at gas station property. Construction support and capital costs are escalated to the year of delivery. R/W capital increased because of the acquisition costs of 3 additional parcels and the utility cost increase due to liability change from 100% owner to 50/50 split.

**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)			
78 10-Cal-49 18.7/20.2 3435 101800013 1G270	Near San Andreas, from south of Toyanza Street to north of Pool Station Road. Upgrade facilities to Americans with Disabilities Act (ADA) standards and <b>construct complete streets improvements.</b>	23-24 201.361	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,922 \$2,126 \$1,235 \$1,998 <del>\$448</del> <del>\$8,911</del> \$16,640	Prior Prior Prior 23-24 23-24 23-24 23-24	\$1,922 \$2,126 \$1,235 \$1,998 <b>\$884</b> <b>\$9,200</b> <b>\$17,365</b>	Prior Prior Prior 23-24 23-24 23-24 23-24
	<u>Performance Measure</u> 32.0 Curb ramp(s) <b>49.0 Curb Ramp(s)</b>						

Note: Update project description to include complete streets improvements. A field evaluation determined the existing count of curb ramps to be reconstructed as 24. The additional sidewalk scope added 25 new curb ramps bringing the total curb ramps to 49. Const Cap increased due to the addition of complete streets improvements to the project. R/W Cap increased due to added additional Temporary Construction Easement (TCE) need.

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	24.0	24.0
Post Condition	Each	49.0	0.0	0.0	49.0

79 10-Mer-140 16.0/16.5 3438 1017000175 1H020	Near Hilmar, at the intersection of Route 140 (PM 16.0/16.5) and Route 165 (PM 26.6/27.1). <del>Install a signal with dedicated left-turn lanes or c</del> Construct roundabout.	<del>23-24</del> <b>24-25</b> 201.310	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,378 \$1,581 \$641 \$1,071 <del>\$255</del> <del>\$4,945</del> \$9,871	Prior Prior Prior <del>23-24</del> <del>23-24</del> <del>23-24</del> 23-24	\$1,378 \$1,581 \$641 \$1,071 <b>\$1,142</b> <b>\$8,088</b> <b>\$13,901</b>	Prior Prior Prior <del>24-25</del> <del>24-25</del> <del>24-25</del> <b>24-25</b>
	<u>Performance Measure</u> 53.2 Daily vehicle hour(s) of delay (DVHD)						

Note: Update description to remove the option to install a signal with dedicated left-turn lane, which was not selected. Increase in Const Cap is due to a refined estimate that increased quantities and updated unit costs. Increase R/W Cap due to State's responsibility of the relocation of water district irrigation culverts and boxes. Move delivery year to allow sufficient time to develop project design and to complete appraisal & acquisition and utility relocation.

## 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)			
80 10-Mer-165 32.9 3498 102000086 1L870	Near Hilmar, at the intersection with Geer Avenue. <del>Intersection improvements.</del> <b>Signalize intersection.</b>  <u>Performance Measure</u> <del>17 Collision(s) reduced</del> <b>9 Collision(s) reduced</b>	23-24 201.010	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,800 \$1,910 \$790 <del>\$2,000</del> <del>\$2,707</del> <u>\$5,256</u> \$14,623	Prior Prior Prior 23-24 23-24 23-24 23-24	\$1,800 \$1,910 \$790 <b>\$1,249</b> <b>\$1,512</b> <b>\$2,655</b> <b>\$9,916</b>	Prior Prior Prior 23-24 23-24 23-24 23-24

Note: This project was programmed based on a roundabout alternative. Update description and performance measure because the project scope changed to a signal alternative. Decrease Const Cap because of the revised scope. Decrease Con Sup due to reduced working days. Decrease R/W Cap because of fewer parcel and utility impacts.

81 10-SJ-88 5.1/16.4 7546 1021000012 1M590	Near Lockeford, east of Comstock Road to east of Disch Road. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, reconstruct rumble strips, lengthen merge lanes, replace signs, upgrade Transportation Management System (TMS) elements, construct Class 2 and 3 bike lanes and sidewalks as complete streets elements.	23-24 201.121	PA&ED PS&E R/W Sup * Con Sup R/W Cap * <u>Const Cap</u> Total	\$2,168 \$2,267 \$800 \$3,977 <del>\$1,336</del> <u>\$27,333</u> \$37,881	Prior Prior Prior 23-24 23-24 23-24 23-24	\$2,168 \$2,267 \$800 \$3,977 <b>\$4,265</b> <b>\$27,333</b> <b>\$40,810</b>	Prior Prior Prior 23-24 23-24 23-24 23-24
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\* Phase not authorized

G13 Contingency

Performance Measure

22.6 Lane mile(s)

Note: A previous amendment changed the scope of the project to include bike lanes and sidewalks. Increase R/W Cap because of the revised R/W Data Sheet based on the updated scope that shows an increase in acquisition and Temporary Construction Easements (TCEs).

Performance Measure: Pavement		<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
	<u>Unit</u>				
Existing Condition	Lane mile(s)	0.0	22.6	0.0	22.6
Post Condition	Lane mile(s)	22.6	0.0	0.0	22.6

## 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)			
82 10-Tuo-120 R3.4/R39.8 3411 1017000179 1F250	Near Groveland, from 4.7 miles west of La Grange Road to west of Ferretti Road; also in Calaveras County, on Routes 12 and 26 and in Tuolumne County, on Route 108 at various locations. Rehabilitate drainage systems.	23-24 201.151	PA&ED	\$1,182	Prior	\$1,182	Prior
			PS&E	\$1,181	Prior	\$1,181	Prior
			R/W Sup	\$251	Prior	\$251	Prior
			Con Sup	\$1,307	23-24	\$1,307	23-24
			R/W Cap	<del>\$247</del>	23-24	<b>\$420</b>	23-24
			<u>Const Cap</u>	<u>\$3,100</u>	23-24	<u>\$3,100</u>	23-24
			Total	\$7,268		<b>\$7,441</b>	
<u>Performance Measure</u>							
40 Culvert(s)							
39 Culvert(s)							

Note: One culvert is being removed from the project since it is located outside of Caltrans R/W. The increase in R/W Cap is due to the increase in permit fees, additional positive underground utility verification, and increased railroad engineering fees.

Performance Measure: Culverts (39 Each)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet	0.0	658.4	1,386.1	2,044.5
Post Condition	Linear feet	2,084.5	0.0	0.0	2,084.5

83 11-SD-15 M18.2/M23.7 1399 1119000207 43097	In the city of San Diego, from Poway Road to Rancho Bernardo Road. Upgrade curb ramps, Accessible Pedestrian Signals (APSs), and pedestrian crossings to Americans with Disabilities Act (ADA) standards, upgrade Closed Caption TV (CCTV) cameras and traffic signals, and restore wrong-way driving preventative measures at exit ramps.	25-26 201.361	PA&ED	\$312	Prior	\$312	Prior
			PS&E	<del>\$752</del>	23-24	<b>\$1,302</b>	23-24
			R/W Sup	<del>\$72</del>	23-24	<b>\$123</b>	23-24
			Con Sup	\$1,220	25-26	\$1,220	25-26
			R/W Cap	\$47	25-26	\$47	25-26
			<u>Const Cap</u>	<u>\$3,360</u>	25-26	<u>\$3,360</u>	25-26
			Total	\$5,763		<b>\$6,364</b>	

Performance Measure  
 20 Curb ramp(s)

Note: The Department identified underground utilities that will conflict with the current project scope. Increase PS&E due to design complexity. Increase R/W support because of additional coordination with utility companies and relocation plans.

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	20.0	20.0
Post Condition	Each	20.0	0.0	0.0	20.0

## 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)				
84 11-SD-67 R4.1/15.9 1314 1118000095 43031	Near Lakeside and Eucalyptus Hills, from north of Riverford Road to Ellie Lane. Rehabilitate culverts, upgrade lighting, enhance highway worker safety, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	23-24 201.151	PA&ED	\$1,128	Prior	\$1,128	Prior
			PS&E	\$1,461	Prior	\$1,461	Prior
			R/W Sup	\$305	Prior	\$305	Prior
			Con Sup	<del>\$1,527</del>	23-24	<b>\$3,076</b>	23-24
			R/W Cap	<del>\$350</del>	23-24	<b>\$663</b>	23-24
			<u>Const Cap</u>	<u><del>\$0,573</del></u>	23-24	<b><u>\$12,200</u></b>	23-24
			Total	\$13,344		<b>\$18,833</b>	
<u>Performance Measure</u>							
35 Culvert(s)							
<b>34 Culvert(s)</b>							

Note: Increase construction capital because additional end treatments are needed, as well as ADA ramps and sidewalks. Increase construction support because additional working days are required. Increase R/W capital because of additional utility relocations. Other culverts are being upsized to increase climate resiliency, this additional need of \$1,350,000 will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: Culverts (34 Each)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet	87.7	1,372.0	2,251.0	3,710.7
Post Condition	Linear feet	3,710.7	0.0	0.0	3,710.7

85 11-SD-805 2.9/13.6 1387 1119000199 43090	In and near the cities of San Diego, Chula Vista, and National City, from Palm Avenue to Federal Boulevard at various locations; also on Route 5 at the Palomar Street Overcrossing. Rehabilitate five bridges.	23-24 <del>24-25</del> 201.110	PA&ED	\$337	Prior	\$337	Prior
			PS&E	<del>\$442</del>	23-24	<b>\$1,149</b>	23-24
			R/W Sup	\$4	23-24	\$4	23-24
			Con Sup	<del>\$1,094</del>	<del>24-25</del>	<b>\$1,500</b>	<del>23-24</del>
			R/W Cap	\$74	<del>24-25</del>	\$74	<del>23-24</del>
			<u>Const Cap</u>	<u><del>\$6,064</del></u>	<del>24-25</del>	<b><u>\$8,937</u></b>	<del>23-24</del>
			Total	\$8,012		<b>\$12,001</b>	
<u>Performance Measure</u>							
5 Bridge(s)							

Note: Advance project to deliver one year early. Increase PS&E to right size project in line with similar projects. Increase construction support for landscape and electrical inspections that weren't previously included and additional working days. Increase construction capital because of missing electrical work; also three bridges need rail upgrades, which will require bridge widening

Performance Measure: Bridges (5 Bridge(s))					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	0.0	107,402.0	21,087.0	128,489.0
Post Condition	Square feet	128,489.0	0.0	0.0	128,489.0

## 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)			
86 12-Ora-1 R0.8 2208A 1221000034 0S750	In Dana Point, on Coast Highway from Park Lantern to Doheny Park Road and from Coast Highway to Las Vegas Boulevard. Upgrade facilities to Americans with Disabilities Act (ADA) standards and add Class 2 bike lanes, cross walks, and mixed-use sidewalk as complete streets elements.	23-24 201.361	PA&ED	\$250	Prior	\$250	Prior
			PS&E	\$450	Prior	\$450	Prior
			R/W Sup	\$60	Prior	\$60	Prior
			Con Sup	\$500	23-24	\$500	23-24
			R/W Cap	\$39	23-24	\$39	23-24
			<u>Const Cap</u>	<u>\$1,963</u>	23-24	<u>\$2,966</u>	23-24
			Total	\$3,262		<b>\$4,265</b>	

Performance Measure

8 Curb ramp(s)

Note: Increase construction capital to right size the estimate based on recent bids.

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	7.0	7.0
Post Condition	Each	8.0	0.0	0.0	8.0

87 12-Ora-5 0.0/10.0 2531H 1219000070 0R970	In San Clemente, Dana Point, and San Juan Capistrano, from the San Diego County line to north of Route 74. Rehabilitate pavement, enhance highway worker safety, upgrade bridge rail, overhead sign structure, and lighting, restore drainage systems, construct stormwater treatment Best Management Practices (BMPs), and upgrade facilities to Americans with Disabilities Act (ADA) standards.	25-26 201.121	PA&ED	\$2,140	Prior	\$2,140	Prior
			PS&E	<del>\$3,750</del>	23-24	<b>\$3,893</b>	23-24
			R/W Sup	\$0		\$0	
			Con Sup	<del>\$3,675</del>	25-26	<b>\$3,736</b>	25-26
			R/W Cap	\$100	25-26	\$100	25-26
			<u>Const Cap</u>	<u>\$25,085</u>	25-26	<u>\$25,391</u>	25-26
			Total	\$34,750		<b>\$35,260</b>	

Performance Measure

21.7 Lane mile(s)

Note: Trash capture devices will be added to this project to capture trash from specified tributary areas. Increase PS&E, construction support, and construction capital to add these devices to the project. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.7	21.0	0.0	21.7
Post Condition	Lane mile(s)	21.7	0.0	0.0	21.7

## 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)

88 12-Ora-5 10.0/21.3 2676A 122000058 0S380	In San Juan Capistrano, Mission Viejo, Laguna Niguel, and Irvine, from north of Route 74 to Route 405. Rehabilitate pavement and drainage systems, upgrade lighting, enhance highway worker safety, replace overhead sign panels, and construct bicycle and pedestrian improvements, <b>and construct stormwater treatment Best Management Practices (BMPs).</b>	24-25	PA&ED	\$4,550	Prior	\$4,550	Prior
		201.121	PS&E	<del>\$4,570</del>	23-24	<b>\$5,393</b>	23-24
			R/W Sup	\$0		\$0	
			Con Sup	<del>\$5,730</del>	24-25	<b>\$6,083</b>	24-25
			R/W Cap	\$0		\$0	
			<u>Const Cap</u>	<u><del>\$39,150</del></u>	24-25	<b>\$40,914</b>	24-25
			Total	\$54,000		<b>\$56,940</b>	

Performance Measure  
 136.4 Lane mile(s)

Note: Trash capture devices will be added to this project to capture trash from specified tributary areas. Increase PS&E, construction support, and construction capital to add these devices to the project. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	32.7	102.6	1.2	136.5
Post Condition	Lane mile(s)	136.4	0.0	0.0	136.4

89  
12-Ora-5  
R26.3/42.2  
2819  
122000038  
0S310

In and near the cities of Irvine, Tustin, Santa Ana, Orange, Anaheim, and Fullerton, from 0.3 mile south of Culver Drive to Route 91 (PM 42.2R/L). Reduce wrong-way driving by replacing signs, refreshing pavement delineation, constructing raised islands, and installing safety lighting.

23-24	PA&ED	\$440	Prior	\$440	Prior
201.010	PS&E	\$770	Prior	\$770	Prior
	R/W Sup	\$0		\$0	
	Con Sup	\$920	23-24	\$920	23-24
	R/W Cap	<del>\$9</del>	23-24	<b>\$0</b>	23-24
	<u>Const Cap</u>	<u><del>\$2,232</del></u>	23-24	<b>\$2,656</b>	23-24
	Total	\$4,371		<b>\$4,786</b>	

Performance Measure  
 11 Collision(s) reduced

Note: Increase construction capital to add more curve warning signs. Reduce R/W capital because there are no utility conflicts on 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)			
90 12-Ora-5 30.3/44.382 2834B 122000081 0S500	In and near the cities of Tustin, Santa Ana, Orange, Anaheim, Fullerton, and Buena Park, from Route 55 to the Los Angeles County line. Rehabilitate roadway and drainage systems, upgrade guardrail and pump plant, enhance highway worker safety, replace overhead sign panels, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	25-26 201.120	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$2,680 <del>\$4,350</del> \$0 <del>\$5,000</del> \$4 <u>\$31,126</u> \$43,240	Prior 23-24 25-26 25-26 25-26 25-26	\$2,680 <b>\$5,950</b> \$0 <b>\$5,688</b> \$4 <b>\$34,438</b> <b>\$48,760</b>	Prior 23-24 25-26 25-26 25-26

Performance Measure

150.9 Lane mile(s)

Note: Trash capture devices will be added to this project to capture trash from specified tributary areas. Increase PS&E, construction support, and construction capital to add these devices to the project. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

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	150.0	0.9	150.9
Post Condition	Lane mile(s)	150.9	0.0	0.0	150.9

91 12-Ora-5 35.7/44.1 2860V 1221000020 0S690	In Anaheim, Fullerton, and Buena Park, from Orangewood Avenue to south of Artesia Boulevard. Refresh and add new pavement delineation and install pavement markers at exit ramps to prevent wrong-way driving.	23-24 201.010	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$360 \$710 \$0 <del>\$660</del> \$0 <u>\$1,716</u> \$3,446	Prior Prior 23-24 23-24	\$360 \$710 \$0 <b>\$780</b> \$0 <b>\$2,532</b> <b>\$4,382</b>	Prior Prior 23-24 23-24
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Performance Measure

10 Collision(s) reduced

Note: Additional pavement delineation is needed at intersections, and signs were identified with low reflectivity that need to be replaced, increasing construction capital. Increase construction support because more working days are needed.



## 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)

92	In the cities of Garden Grove, Westminster, and Orange, from Bolsa Chica Road to Lewis Street. Install safety lighting and upgrade median barrier, drainage systems, and signs.	23-24	PA&ED	\$2,240	Prior	\$2,240	Prior
12-Ora-22		201.010	PS&E	\$3,152	Prior	\$3,152	Prior
R0.9/R9.4			R/W Sup	\$0		\$0	
2869B			Con Sup	<del>\$5,096</del>	23-24	<b>\$5,956</b>	23-24
1219000091			R/W Cap	\$12	23-24	\$12	23-24
0S110			<u>Const Cap</u>	<u>\$25,588</u>	23-24	<b>\$29,488</b>	23-24
			Total	\$36,088		<b>\$40,848</b>	

Note: Trash capture devices will be added to this project to capture trash from specified tributary areas. Increase construction support and construction capital to add these devices to the project. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

93	In and near the cities of Santa Ana and Orange, from west of Cambridge Street to Route 55; also at the Orange Maintenance Station at 691 South Tustin Street. Upgrade and install new Transportation Management System (TMS) elements, reconstruct buildings at the Orange Maintenance Station, <b>and</b> construct bicycle and pedestrian improvements, <b>and</b> <b>construct stormwater treatment Best Management Practices (BMPs).</b>	25-26	PA&ED	\$1,383	Prior	\$1,383	Prior
12-Ora-22		201.315	PS&E	<del>\$2,950</del>	23-24	<b>\$3,220</b>	23-24
R12.1/R13.164			R/W Sup	\$0		\$0	
2982			Con Sup	<del>\$3,450</del>	25-26	<b>\$3,810</b>	25-26
1219000088			R/W Cap	\$0		\$0	
0S080			<u>Const Cap</u>	<u>\$19,800</u>	25-26	<b>\$21,600</b>	25-26
			Total	\$27,583		<b>\$30,013</b>	

Performance Measure  
 13 Field element(s)

Note: Trash capture devices will be added to this project to capture trash from specified tributary areas. Increase PS&E, construction support, and construction capital to add these devices to the project. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: TMS Elements				
	Unit	Good (Operational)	Poor (Not Operational)	Quantity
Existing Condition	Field element(s)	100.0%	0.0%	1.0
Post Condition	Field element(s)	100.0%	0.0%	13.0

## 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)			
94 12-Ora-55 0.2/R17.8 3402B 1218000078 0R320	In Newport Beach, Costa Mesa, Santa Ana, Tustin, Orange, and Anaheim, from Route 1 to Route 91. Rehabilitate pavement, rehabilitate drainage, upgrade lighting, rehabilitate bridge rail, rehabilitate landscaping, upgrade Transportation Management System (TMS) elements, add bike and pedestrian improvements as complete streets elements, and improve highway worker safety.	23-24 201.121	PA&ED	\$5,000	Prior	\$5,000	Prior
			PS&E	\$7,900	Prior	\$7,900	Prior
			R/W Sup	\$0		\$0	
			* Con Sup	<del>\$0,900</del>	23-24	<b>\$9,320</b>	23-24
			R/W Cap	\$36	23-24	\$36	23-24
			* <u>Const Cap</u>	<u><del>\$79,632</del></u>	23-24	<b><u>\$93,490</u></b>	23-24
			Total	\$101,468		<b>\$115,746</b>	

\* Phase not authorized

G13 Contingency

Performance Measure

68.2 Lane mile(s)

Note: Increase construction capital because of higher unit prices from recent bids, such as earthwork and pavement, traffic and electrical items, and drainage items. Increase construction support and capital to add trash capture devices to capture trash from specified tributary areas, this additional need of \$1,320,000 will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

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

95 12-Ora-55 R5.9/R17.8 2591 1219000014 0R670	In and near the cities of Costa Mesa, Santa Ana, Tustin, Orange, and Anaheim, from Route 405 to Route 91. Install safety lighting <b>and striping</b> .	23-24 201.010	PA&ED	\$1,000	Prior	\$1,000	Prior
			PS&E	\$2,800	Prior	\$2,800	Prior
			R/W Sup	\$0		\$0	
			Con Sup	\$3,000	23-24	\$3,000	23-24
			R/W Cap	<del>\$47</del>	23-24	<b>\$0</b>	23-24
			<u>Const Cap</u>	<u><del>\$18,623</del></u>	23-24	<b><u>\$20,062</u></b>	23-24
			Total	\$25,440		<b>\$26,862</b>	

Note: Update scope to include enhance wet night visibility striping to enhance safety. Increase construction capital to update estimate to align with recent bid openings. Decrease R/W capital because it has since been determined there is no need for positive underground utility location on this project.

**List of 2022 SHOPP Amendments  
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)  
 for Senate Bill 1 Projects**

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

Project Location and Description of Work  
 Performance Measure

FY  
 Program Code

Project Costs  
 (\$1,000)

1	In the city of San Diego, at various locations from	24-25	PA&ED	\$4,740	Prior
44-SD-163	Quince Street Overcrossing Bridge No. 57-0216K to	201.112	PS&E	\$2,409	23-24
1-6/2-8	Washington Street Overcrossing Bridge No. 57		R/W Sup	\$212	23-24
4276	-0220. Replace bridge rail within Cabrillo Freeway		Con Sup	\$3,633	24-25
4447000174	Historic District.		R/W Cap	\$256	24-25
43013			<u>Const Cap</u>	<u>\$9,473</u>	<u>24-25</u>
	<u>Performance Measure</u>		Total	\$20,723	
	1,959.0 Linear feet rail				

Note: Delete project. The no-build option has been chosen, as environmental studies would take an additional six years, the designs studied would jeopardize the historic status of the bridges, and crash data does not justify upgrading the railings to concrete barriers. The department will monitor the structures and address any critical deficiencies.

## 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 Carpinteria, at the Ventura County line.	<del>27-28</del>	PA&ED	\$1,000	Prior	\$1,000	Prior
05-SB-101	Remediate fish passage by <del>improving</del> <b>improving</b>	<del>28-29</del>	* PS&E	<del>\$2,906</del>	<del>23-24</del>	<b>\$3,024</b>	<b>24-25</b>
R0.0	creek bed and invert modifications.	201.151	* R/W Sup	\$173	<del>23-24</del>	\$173	<b>24-25</b>
2799F			* Con Sup	<del>\$2,522</del>	<del>27-28</del>	<b>\$4,160</b>	<b>28-29</b>
0521000086	Long Lead Project		* R/W Cap	\$900	<del>27-28</del>	\$900	<b>28-29</b>
1J911			* <u>Const Cap</u>	<del>\$2,000</del>	<del>27-28</del>	<b>\$10,000</b>	<b>28-29</b>
	<u>Performance Measure</u>		Total	\$9,501		<b>\$19,257</b>	
	4 <del>Culvert(s)</del>						
	<b>2 Culvert(s)</b>						* Phase not authorized

Note: Delay all phases one year because additional feasibility studies and viable alternatives need to be further studied. PS&E and construction costs are increasing because of planned streambed alterations rather than prior planned culvert invert modifications. Revise performance based on an updated inspection of the drainage systems.

Performance Measure: Culverts (2 Each)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet	0.0	602.0	268.0	870.0
Post Condition	Linear feet	870.0	0.0	0.0	870.0

2	In and near Bakersfield, from White Lane to	26-27	PA&ED	\$5,000	Prior	\$5,000	Prior
06-Ker-99	California Avenue. Rehabilitate roadway, upgrade	201.120	* PS&E	\$4,500	<del>22-23</del>	\$4,500	<b>23-24</b>
21.2/24.6	lighting, replace signs, rehabilitate drainage systems,		* R/W Sup	\$270	<del>22-23</del>	\$270	<b>23-24</b>
6958	and upgrade Transportation Management System		* Con Sup	\$8,600	26-27	\$8,600	26-27
0618000059	(TMS) elements.		* R/W Cap	\$20	26-27	\$20	26-27
0X370	Long Lead Project		* <u>Const Cap</u>	<u>\$79,100</u>	26-27	<u>\$79,100</u>	26-27
			Total	\$97,490		\$97,490	
	<u>Performance Measure</u>						* Phase not authorized
	21.8 Lane mile(s)						

Note: Move PS&E and R/W support phases from 22-23 to 23-24. The PA&ED milestone is estimated to be achieved in October 2023, thus pushing the PS&E and R/W support phased to 23-24.

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	6.7	12.6	2.5	21.8
Post Condition	Lane mile(s)	21.8	0.0	0.0	21.8