

Tab 81

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY		Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
Collision Reduction						
1 01-DN-101 39.6/39.9 1157 0123000076 0M850	Near Smith River, from Rowdy Creek Bridge to 0.1 mile north of Fred Haight Drive. Construct left-turn lane, widen shoulders, install lighting, and upgrade guardrail. PA&ED: 3/27/2025 R/W: 6/24/2026 RTL: 7/15/2026 BC: 2/2/2027	26-27	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,271 \$1,086 \$147 \$946 \$31 <u>\$2,911</u> \$6,392	23-24 24-25 24-25 26-27 26-27 26-27	201.010 Assembly: 2 Senate: 2 Congress: 2 0.07 Annual fatal and serious injury collision(s)
	Concurrent COS allocation under Resolution FP-23-77; March 2024.					
2 01-LAK-29 31.4/33.7 3129 0123000032 0M570	Near Kelseyville, from 1.0 mile south of Bottle Rock Road to 0.7 mile north of Cole Creek Road. Widen shoulders, establish four-foot median, construct left-turn lane, and construct rumble strips. PA&ED: 5/2/2026 R/W: 11/17/2027 RTL: 12/17/2027 BC: 6/27/2028	27-28	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$3,937 \$2,876 \$565 \$5,952 \$1,239 <u>\$15,750</u> \$30,319	23-24 25-26 25-26 27-28 27-28 27-28	201.010 Assembly: 4 Senate: 2 Congress: 4 0.29 Annual fatal and serious injury collision(s)
	Concurrent COS allocation under Resolution FP-23-77; March 2024.					

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
3 05-MON-1 43.1 2656 0516000081 1H490	Near Big Sur, at the Castro Canyon Bridge No. 44-0035. Upgrade bridge railing and approach railings to meet current standards.	24-25	PA&ED	\$0	201.112
			PS&E	\$680	23-24 Assembly: 30
			R/W Sup	\$110	23-24 Senate: 17
			Con Sup	\$1,690	24-25 Congress: 19
			R/W Cap	\$75	24-25
			<u>Const Cap</u>	<u>\$4,200</u>	24-25
			Total	\$6,755	0.01 Annual fatal and serious injury collision(s)
			BC: 1/27/2026		
Concurrent COS allocation under Resolution FP-23-77; March 2024.					
4 05-SLO-101 61.7/62.2 2766 0518000052 1J780	Near Paso Robles, from 0.7 mile north of Exline Road to 0.9 mile south of Monterey Road. Improve safety by constructing an undercrossing.	24-25	PA&ED	\$0	201.010
			PS&E	\$800	23-24 Assembly: 30
			R/W Sup	\$300	23-24 Senate: 17
			Con Sup	\$4,000	24-25 Congress: 19
			R/W Cap	\$3,800	24-25
			<u>Const Cap</u>	<u>\$16,100</u>	24-25
			Total	\$25,000	0.22 Annual fatal and serious injury collision(s)
			BC: 11/27/2025		
Concurrent COS allocation under Resolution FP-23-77; March 2024.					

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Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.			
5 11-SD-76 R34.5/R34.7 1439 1121000121 43126	Near Rincon, from 0.3 to 0.5 mile east of Rincon Ranch Road. Widen shoulder, construct retaining wall with safety barrier, remove boulders, and relocate and reconstruct drainage system to improve safety.	26-27	PA&ED	\$407	23-24	201.010		
			PS&E	\$776	25-26	Assembly: 75		
					R/W Sup	\$374	25-26	Senate: 40
					Con Sup	\$1,077	26-27	Congress: 48
					R/W Cap	\$129	26-27	
					<u>Const Cap</u>	<u>\$4,305</u>	26-27	0.06 Annual fatal and serious injury collision(s)
					Total	\$7,068		
		PA&ED:	5/13/2025					
		R/W:	12/4/2026					
		RTL:	1/21/2027					
BC:	6/23/2027							
Concurrent COS allocation under Resolution FP-23-77; March 2024.								
Complete Streets								
6 10-SJ-26 10.7 3629 1023000030 1Q520	In San Joaquin, Merced, and Stanislaus Counties, on Routes 26, 140 and 120 at various locations. Install new and replace existing pedestrian crosswalks and new rectangular rapid flashing beacons.	25-26	PA&ED	\$472	23-24	201.400		
			PS&E	\$391	24-25	Assembly: 9, 27		
					R/W Sup	\$116	24-25	Senate: 4, 5, 14
					Con Sup	\$438	25-26	Congress: 5, 9, 13
					R/W Cap	\$99	25-26	
					<u>Const Cap</u>	<u>\$2,414</u>	25-26	384.0 Bicycle and pedestrian infrastructure (linear feet)
					Total	\$3,930		
		PA&ED:	2/17/2025					
		R/W:	3/25/2026					
		RTL:	4/15/2026					
BC:	9/30/2026							
Concurrent COS allocation under Resolution FP-23-77; March 2024.								

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Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.	
Major Damage Restoration						
7 04-MRN-1 42.98 2924B 0423000326 3Y880	Near Hamlet, at 2.4 miles south of Tomales-Petaluma Road. Repair roadway slipout and embankment, install retaining wall, and place rock slope protection. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$15 \$360 \$60 <u>\$992</u> \$1,427	23-24 23-24 23-24 23-24	201.131 Assembly: 12 Senate: 2 Congress: 2 1.0 Location(s)
	PA&ED: N/A R/W: N/A RTL: 4/2/2024 BC: 4/3/2024					
	Concurrent COS allocation under Resolution FP-23-77; March 2024.					
	Concurrent CONST and CON ENG allocation under Resolution FP-23-76; March 2024.					
8 04-NAP-29 41.12 2923E 0423000330 3Y920	Near Calistoga, at 1.6 miles north of Tubbs Lane. Remove debris and install Double Twisted Wire Mesh (DTWM) system to control rockfall. This project will utilize the Emergency Limited Bid contract method.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$18 \$245 \$30 <u>\$894</u> \$1,187	23-24 23-24 23-24 23-24	201.131 Assembly: 4 Senate: 3 Congress: 4 1.0 Location(s)
	PA&ED: N/A R/W: N/A RTL: 4/2/2024 BC: 4/3/2024					
	Concurrent COS allocation under Resolution FP-23-77; March 2024.					
	Concurrent CONST and CON ENG allocation under Resolution FP-23-76; March 2024.					

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.	
9 04-NAP-128 29.77/33.45 2925K 0423000327 3Y890	Near Calistoga, from 1.9 to 5.6 miles east of Wragg Canyon Road. Repair roadway embankment, side slope, and drainage system. This project will utilize the Emergency Limited Bid contract method. PA&ED: N/A R/W: N/A RTL: 4/2/2024 BC: 4/3/2024 Concurrent COS allocation under Resolution FP-23-77; March 2024. Concurrent CONST and CON ENG allocation under Resolution FP-23-76; March 2024.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$116 \$1,644 \$100 <u>\$5,750</u> \$7,610	23-24 23-24 23-24 23-24	201.131 Assembly: 4 Senate: 3 Congress: 4 3.0 Location(s)
10 04-SCL-280 R3.83 2923H 0424000084 0X260	In San Jose, at 0.2 mile north of Race Street (Southwest Expressway Overcrossing Pump Plant 37-0259W). Repair drainage pump plant. This project will utilize the Emergency Limited Bid contract method. PA&ED: N/A R/W: N/A RTL: 4/2/2024 BC: 4/3/2024 Concurrent CONST and CON ENG allocation under Resolution FP-23-76; March 2024.	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$456 \$0 <u>\$1,520</u> \$1,976	23-24 23-24	201.131 Assembly: 26 Senate: 15 Congress: 18 1.0 Location(s)

List of New 2024 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.	
11 04-SM-84 R27.98 2923S 0424000108 0X330	In Menlo Park, at 0.2 mile south of Route 109 (Ravenswood Slough Pump Plant 35-0292W). Repair drainage pump plant and facility. This project will utilize the Emergency Limited Bid contract method. PA&ED: N/A R/W: N/A RTL: 4/2/2024 BC: 4/3/2024 Concurrent CONST and CON ENG allocation under Resolution FP-23-76; March 2024.	23-24	PA&ED	\$0		201.131
			PS&E	\$0		Assembly: 21
			R/W Sup	\$0		Senate: 13
			Con Sup	\$405	23-24	Congress: 15
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$1,350</u>	23-24	1.0 Location(s)
			Total	\$1,755		
12 04-SM-280 R21.97 2923C 0424000030 0X090	In South San Francisco, at 0.1 mile south of Avalon Drive. Repair slope and fencing and modify drainage system. This project will utilize the Emergency Limited Bid contract method. PA&ED: N/A R/W: N/A RTL: 4/2/2024 BC: 4/3/2024 Concurrent COS allocation under Resolution FP-23-77; March 2024. Concurrent CONST and CON ENG allocation under Resolution FP-23-76; March 2024.	23-24	PA&ED	\$0		201.131
			PS&E	\$0		Assembly: 21
			R/W Sup	\$15	23-24	Senate: 13
			Con Sup	\$269	23-24	Congress: 15
			R/W Cap	\$30	23-24	
			<u>Const Cap</u>	<u>\$896</u>	23-24	1.0 Location(s)
			Total	\$1,210		

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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.																								
Mandates																													
13 01-MEN-1 59.8/62.1 4546 0112000110 0B220	In Fort Bragg, from Route 20 to Pudding Creek Bridge. Construct Americans with Disabilities Act (ADA) compliant curb ramps and sidewalk, add high visibility signing and striping at crosswalks, construct retaining walls, and upgrade drainage. PA&ED: N/A R/W: 2/21/2025 RTL: 3/21/2025 BC: 12/1/2027 Concurrent COS allocation under Resolution FP-23-77; March 2024.	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$513 \$903 \$1,906 \$279 <u>\$6,829</u> \$10,430	23-24 23-24 24-25 24-25 24-25	201.361 Assembly: 2 Senate: 2 Congress: 2 36 Curb ramp(s)																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="6">Performance Measure: (Planned: 36, Actual: 36)</td> </tr> <tr> <td></td> <td style="text-align: center;">Unit</td> <td style="text-align: center;">Good</td> <td style="text-align: center;">Fair</td> <td style="text-align: center;">Poor</td> <td style="text-align: center;">Quantity</td> </tr> <tr> <td>Existing Condition</td> <td style="text-align: center;">Each</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">35</td> <td style="text-align: center;">35</td> </tr> <tr> <td>Post Condition</td> <td style="text-align: center;">Each</td> <td style="text-align: center;">36</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">36</td> </tr> </table>						Performance Measure: (Planned: 36, Actual: 36)							Unit	Good	Fair	Poor	Quantity	Existing Condition	Each	0	0	35	35	Post Condition	Each	36	0	0	36
Performance Measure: (Planned: 36, Actual: 36)																													
	Unit	Good	Fair	Poor	Quantity																								
Existing Condition	Each	0	0	35	35																								
Post Condition	Each	36	0	0	36																								
14 04-ALA-880 R32.0/R35.0R 2925A 0424000173 0X850	In and near Oakland, from northbound Market Street offramp to 0.3 mile north of northbound West Grand Avenue onramp. Construct permanent Full Trash Capture (FTC) devices to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture. Financial Contribution Only (FCO) to the Port of Oakland. PA&ED: N/A R/W: N/A RTL: 1/29/2024 BC: N/A	23-24	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$0 \$0 <u>\$6,000</u> \$6,000	23-24	201.335 Assembly: 18 Senate: 7 Congress: 12 19.0 Acre(s) treated/pollutant																							

List of New 2024 SHOPP Capital Project Amendments for Senate Bill 1 Projects

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.	
Bridge Preservation						
1 05-SCR-9 13.61 2655 0516000078 1H470	Near Boulder Creek, at San Lorenzo River Bridge No. 36-0052 and Kings Creek Bridge No. 36-0054 (PM 15.49). Replace bridges to maintain standards of safety and reliability. PA&ED: N/A R/W: 5/19/2024 RTL: 6/15/2024 BC: 2/17/2025	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$600 \$300 \$4,600 \$500 <u>\$15,150</u> \$21,150	23-24 23-24 24-25 24-25 24-25	201.110 Assembly: 28 Senate: 17 Congress: 19 2 Bridge(s)

Concurrent COS allocation under Resolution
 FP-23-77; March 2024.

Performance Measure: (Planned: 2, Actual: 2)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	1,615	0	2,454	4,069
Post Condition	Square feet	4,069	0	0	4,069

2 07-LA-405 0.02 4984 0716000044 32100	In Long Beach, at the San Gabriel River Bridge No. 53-1185 and SB 605 to NB I-405 Connector Bridge No. 53-1737H; also in Orange County, on Route 405 at the SB 405 to NB 605 Connector Bridge No. 55-0413F (PM 24.11). Retrofit scour critical bridges to preserve the structural integrity of the bridges by extending pier footings, adding Cast in Drilled Hole (CIDH) piles and reinforcing the area with Rock Slope Protection (RSP). This is a Construction Manager/General Contractor (CMGC) project. PA&ED: 6/30/2020 R/W: 12/1/2023 RTL: 11/1/2024 BC: 7/1/2025	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$475 \$0 \$7,140 \$0 <u>\$41,550</u> \$49,165	24-25 24-25 24-25 24-25	201.111 Assembly: 70 Senate: 36 Congress: 47 3 Bridge(s)
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Performance Measure: (Planned: 3, Actual: 3)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	128,522	128,522
Post Condition	Square feet	128,522	0	0	128,522

List of New 2024 SHOPP Capital Project Amendments for Senate Bill 1 Projects

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.	
3 07-VEN-1 21.5 4972 0716000025 31960	Near the city of Ventura, at Ventura Overhead No. 52-0040. Replace bridge and make bicycle and pedestrian improvements. PA&ED: 6/26/2019 R/W: 7/10/2024 RTL: 7/31/2024 BC: 2/12/2025	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$420 \$0 \$9,640 \$5,978 <u>\$40,237</u> \$56,275	24-25 24-25 24-25 24-25 24-25 24-25	201.110 Assembly: 38 Senate: 21 Congress: 24 1 Bridge(s)

Future SB 1 Baseline Agreement required.

Performance Measure: (Planned: 1, Actual: 1)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	27,373	0	27,373
Post Condition	Square feet	34,669	0	0	34,669

Roadway Preservation

4 04-SOL-12 R23.7/25.5 0480X 0421000253 0J632	In and near Rio Vista, from Summerset Road to Drouin Drive. Roadway resurfacing and rehabilitation, realignment, and widening. PA&ED: N/A R/W: 3/3/2025 RTL: 3/14/2025 BC: 8/8/2025	24-25	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$1,400 \$1,504 \$5,478 \$9,880 <u>\$31,500</u> \$49,762	23-24 23-24 24-25 24-25 24-25	201.120 Assembly: 11 Senate: 3 Congress: 4 3.6 Lane mile(s)
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Concurrent COS allocation under Resolution FP-23-77; March 2024.

Performance Measure: (Planned: 3.6, Actual: 3.6)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	0	3.6	0	3.6
Post Condition	Lane mile(s)	3.6	0	0	3.6

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
1 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> 0.46 Annual fatal and serious injury collision(s)	23-24 201.010	PA&ED	\$3,187	Prior	\$3,187	Prior
			PS&E	\$2,383	Prior	\$2,383	Prior
			R/W Sup	\$506	Prior	\$506	Prior
			Con Sup	\$3,684	23-24	\$3,086	23-24
			R/W Cap	\$1,311	23-24	\$1,311	23-24
			<u>Const Cap</u>	<u>\$18,576</u>	23-24	\$18,360	23-24
			Total	\$29,644		\$28,833	

Note: Split plant revegetation mitigation and monitoring work into project EA 0J891/PPNO 01-2525M from parent project EA 0J890/PPNO 01-2525.

2 01-HUM-36 3.9/6.0 2525M 0124000112 0J891	Near Carlotta, from west of Fisher Road to west of Wilder Road. Plant revegetation mitigation and monitoring work for safety project 0J890. <u>Performance Measure</u> 0.0 Annual fatal and serious injury collision(s)	26-27 201.010	PA&ED			\$0	
			PS&E			\$0	
			R/W Sup			\$0	
			Con Sup			\$595	26-27
			R/W Cap			\$0	
			<u>Const Cap</u>			<u>\$216</u>	<u>26-27</u>
Total			\$811				

Note: Split plant revegetation mitigation and monitoring work into project EA 0J891/PPNO 01-2525M from parent project EA 0J890/PPNO 01-2525.

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
3 01-HUm-101 2.4/M53.9 2497 0117000245 0H640	Near Rio Dell, from 2.4 miles north of Mendocino County line to Eel River Bridge at various locations. Rehabilitate drainage systems and upgrade lighting and Transportation Management System (TMS) elements. <u>Performance Measure</u> 85 Culvert(s)	23-24 201.151	PA&ED	\$2,631	Prior	\$2,631	Prior
			PS&E	\$1,657	Prior	\$1,657	Prior
			R/W Sup	\$350	Prior	\$350	Prior
			Con Sup	\$3,370	23-24	\$3,035	23-24
			R/W Cap	\$264	23-24	\$264	23-24
			<u>Const Cap</u>	<u>\$17,692</u>	23-24	\$17,493	23-24
			Total	\$25,964		\$25,430	

Note: Split plant revegetation mitigation and monitoring work into project EA 0H642/PPNO 01-2497M from parent project EA 0H640/PPNO 01-2497.

Performance Measure: (Planned: 85, Actual: 85)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet	1,580	2,542	5,011	9,133.0
Post Condition	Linear feet	8,388.1	0	0	8,388.1

4 01-HUm-101 2.4/M53.9 2497M 0124000131 0H642	Near Rio Dell, from 2.4 miles north of Mendocino County line to Eel River Bridge at various locations. Plant revegetation mitigation and monitoring work for drainage rehabilitation project 0H640. <u>Performance Measure</u> 0 Culvert(s)	26-27 201.151	PA&ED			\$0	
			PS&E			\$0	
			R/W Sup			\$0	
			Con Sup			\$335	26-27
			R/W Cap			\$0	
			<u>Const Cap</u>			<u>\$199</u>	<u>26-27</u>
Total			\$534				

Note: Split plant revegetation mitigation and monitoring work into project EA 0H642/PPNO 01-2497M from parent project EA 0H640/PPNO 01-2497.

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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-Hum-101 R53.7/M54.2 2301B 0116000148 0A111	In Rio Dell, from 0.2 mile south of Eel River Bridge No. 04-0016R to 0.4 mile south of Metropolitan Heights Road. Seismic retrofit and partial bridge replacement.	24-25	PA&ED	\$5,433	Prior	\$5,433	Prior
		201.113	PS&E	\$5,113	Prior	\$5,113	Prior
		201.116	R/W Sup	\$216	Prior	\$216	Prior
			Con Sup	\$6,004	24-25	\$6,004	24-25
			R/W Cap	\$2,390	24-25	\$2,390	24-25
			<u>Const Cap</u>	<u>\$69,728</u>	24-25	<u>\$69,728</u>	24-25
			Total	\$88,884		\$88,884	
	<u>Performance Measure</u> 1 Bridge(s)						

Concurrent SB 1 Baseline Agreement approval under Resolution SHOPP-P-2324-06B; March 2024.

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

Performance Measure: (Planned: 1, Actual: 1)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	0	0	64,314	64,314.0
Post Condition	Square feet	64,314	0	0	64,314.0

6 01-MEn-1 6.4/10.4 4630M 0124000099 0F711	Near Gualala, from 0.4 mile north of Havens Neck Drive to 0.7 mile north of Iverson Road. Onsite and offsite plant revegetation mitigation and monitoring work for safety project 0F710.	24-25	PA&ED			\$0	
		201.010	PS&E			\$0	
			R/W Sup			\$0	
			Con Sup			\$908	24-25
			R/W Cap			\$707	24-25
			<u>Const Cap</u>			<u>\$306</u>	<u>24-25</u>
	0.0 Annual fatal and serious injury collision(s)		Total			\$1,921	

Note: Split plant revegetation mitigation and monitoring work into project EA 0F711/PPNO 01-4630M from parent project EA 0F710/PPNO 01-4630.

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 (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-1 6.4/6.8 4630 0116000047 0F710	Near Gualala, from north of Havens Neck Drive to north of Gypsy Flat Road; also from 0.5 mile to 0.3 mile south of Iverson Road (PM 9.3/9.5). Realign roadway and widen lanes and shoulders. <u>Performance Measure</u> .08 Annual fatal and serious injury collision(s)	23-24 201.010	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$1,157 \$659 \$1,698 \$1,933 \$3,017 \$8,464	Prior Prior 23-24 23-24 23-24 23-24	\$0 \$1,157 \$659 \$790 \$1,226 \$2,711 \$6,543	Prior Prior 23-24 23-24

Note: Split plant revegetation mitigation and monitoring work into project EA 0F711/PPNO 01-4630M from parent project EA 0F710/PPNO 01-4630.

8 02-SHa-5 R14.80/R20.00 3790 0220000064 1J380	In Redding, from north of Cypress Avenue to 0.6 mile north of Oasis Road. Replace overhead signs, concrete and cable barrier, and guardrail, improve vertical clearance, upgrade bridge rails, and replace Transportation Management System (TMS) elements. <u>Performance Measure</u> 0.26 Annual fatal and serious injury collision(s)	24-25 201.015	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$650 \$2,037 \$180 \$2,680 \$42 \$23,300 \$28,889	Prior Prior Prior 24-25 24-25 24-25	\$650 \$2,037 \$180 \$3,030 \$356 \$27,449 \$33,702	Prior Prior Prior 24-25 24-25
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Note: Increase R/W capital, and construction support and capital due to the addition of fiber optic line and TMS elements to the scope. This additional need of \$1,578,000 will be funded through Infrastructure Investment and Jobs Act (IIJA) funds. Increase in construction support and capital is also due to addition of in-fill walls for seismic resiliency of bridges. R/W capital increase is also for environmental mitigation and permits which were previously not identified.

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
9 02-SHa-5 R30.6/R30.9 3806 0221000006 1J890	Near Shasta Lake City, at Tunnel Gulch Sidehill Viaduct No. 06-0131R, Johns Cove Sidehill Viaduct No. 06-0132R, and Island View Sidehill Viaduct No. 06-0133R. Apply polyester concrete overlay to bridge decks. <u>Performance Measure</u> 3 Bridge(s)	24-25 201.110	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$710 \$700 \$20 \$740 \$7 \$3,650 \$5,827	Prior 23-24 23-24 24-25 24-25 24-25 24-25	\$710 \$700 \$20 \$840 \$7 \$4,550 \$6,827	Prior 23-24 23-24 24-25 24-25 24-25

Note: Increase in construction support and capital is due to the need of additional jointed plain concrete paving work between the viaducts.

Performance Measure: (Planned: 3, Actual: 3)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	0	53,411	0	53,411.0
Post Condition	Square feet	53,411	0	0	53,411.0

10 02-SHa-44 Var 3815 0221000043 2J220	In Shasta, Lassen, Modoc, Plumas, Siskiyou, Tehama, and Trinity Counties, on Routes 32, 36, 44, 70, 89, 139, 147, and 299 at various locations. Upgrade curve warning signs. <u>Performance Measure</u> 0.08 Annual fatal and serious injury collision(s)	24-25 201.015	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$680 \$610 \$30 \$640 \$5 \$2,870 \$4,835	Prior 23-24 23-24 24-25 24-25 24-25	\$680 \$610 \$30 \$775 \$5 \$4,070 \$6,170	Prior 23-24 23-24 24-25 24-25
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Concurrent COS allocation under Resolution FP-23-77; March 2024.

Note: Increase in construction support and capital is due to additional curve warning signs that are needed on the project. During project development, it was determined that almost double the number of signs are required for standard sign requirements.

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
11	Near Macdoel, at Grass Lake Maintenance Station.	24-25	PA&ED	\$1,880	Prior	\$1,880	Prior
02-SIs-97	Construct new maintenance station building, fuel facility, wash rack, salt house, and a materials storage facility.	201.352	PS&E	\$1,700	23-24	\$1,700	23-24
20.2			R/W Sup	\$40	23-24	\$40	23-24
3805			Con Sup	\$2,960	24-25	\$3,500	24-25
0221000004			R/W Cap	\$32	24-25	\$60	24-25
1J870			Const Cap	\$17,890	24-25	\$21,390	24-25
	<u>Performance Measure</u>		Total	\$24,502		\$28,570	
	1.0 Location(s)						

Note: Increase in construction support and capital is due to additional work needed on the project, such as, a retaining wall, a larger multi-use building to accommodate newer and bigger equipment, and a fire suppression system. Additional R/W capital is needed for easements to install off-site water tank for the fire suppression system.

Performance Measure: (Planned: 1.0, Actual: 1.0)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	0	0	9,142	9,142.0
Post Condition	Square feet	25,044	0	0	25,044.0

12	Near Dorris, from 4.5 miles east of Route 97 to 2.1 miles west of Fugate Road. Rehabilitate roadway,	24-25	PA&ED	\$750	Prior	\$750	Prior
02-SIs-161	replace signs, upgrade facilities to Americans with Disabilities Act (ADA) standards at the vista point.	201.122	PS&E	\$770	23-24	\$770	23-24
4.5/9.1			R/W Sup	\$30	23-24	\$30	23-24
3754			Con Sup	\$990	24-25	\$990	24-25
0219000135			R/W Cap	\$15	24-25	\$17	24-25
0J550			Const Cap	\$11,510	24-25	\$14,010	24-25
	<u>Performance Measure</u>		Total	\$14,065		\$16,567	
	9.0 Lane mile(s)						

Note: Additional construction capital is needed due to increase in cost for earthwork, pavement structural section, and mobilization. Additional R/W Cap is needed for permit costs.

Performance Measure: (Planned: 9.0, Actual: 9.0)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0	1.1	7.9	9.0
Post Condition	Lane mile(s)	9	0	0	9.0

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
13 02-TEh-5 42.0 3774 0219000167 0J840	Near Cottonwood, at Cottonwood Creek Bridge; also near Los Molinos on Route 99, north of Toomes Creek Bridge (PM 8.4). Transfer two mitigation site properties property to third party entity for permanent stewardship responsibility. Transfer will relieve the Department of ongoing maintenance on lands that were was used to meet environmental commitments for completed highway projects.	24-25 201.240	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$670 \$150 \$320 \$0 \$3,574 \$0 \$4,714	Prior 24-25 24-25 24-25 24-25 24-25	\$670 \$310 \$320 \$0 \$1,684 \$0 \$2,984	Prior 24-25 24-25 24-25 24-25

Performance Measure

~~2.0~~ Location(s)

1.0 Location(s)

Note: Update description, performance, and R/W capital because one of the transfer sites is being removed from the project due to presence of biological and cultural resources. Increase PS&E cost as the coordination of transfer efforts has turned out to be more complex than originally anticipated.

14 02-TRi-3 67.70/T85.06 3768 0219000157 0J760	Near Coffee Creek, from Coffee Creek Bridge to Siskiyou County line. Rehabilitate pavement, pave ditches, upgrade bridge rails, guardrails, drainage systems, signs, and Transportation Management System (TMS) elements, and develop disposal sites.	24-25 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$990 \$1,060 \$230 \$1,530 \$657 \$20,130 \$24,597	Prior 23-24 23-24 24-25 24-25 24-25	\$990 \$1,060 \$230 \$1,530 \$657 \$23,370 \$27,837	Prior 23-24 23-24 24-25 24-25 24-25
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Performance Measure

21.7 Lane mile(s)

Concurrent COS allocation under Resolution FP-23-77; March 2024.

Note: Additional construction capital is needed due to increase in unit costs and quantities for asphalt, shoulder backing, stormwater and drainage items, and recessed striping.

Performance Measure: (Planned: 21.7, Actual: 21.7)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	0	21.7	0	21.7
Post Condition	Lane mile(s)	21.7	0	0	21.7

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
15 03-But-70 34.10/46.00 2300 0319000284 0J430	Near Pulga, from 0.1 mile east of Big Bend Road to 0.8 mile west of Shady Rest Area; also from 0.2 mile east of Shady Rest Area to Plumas County line (PM 47.0/48.076). Rehabilitate pavement, drainage systems, lighting, sign panels, and Transportation Management System (TMS) elements.	25-26 201.121	PA&ED	\$1,240	Prior	\$1,240	Prior
			PS&E	\$1,490	22-23	\$1,490	22-23
			R/W Sup	\$300	22-23	\$300	22-23
			Con Sup	\$1,250	25-26	\$1,250	25-26
			R/W Cap	\$880	25-26	\$880	25-26
			<u>Const Cap</u>	<u>\$12,690</u>	25-26	<u>\$18,390</u>	25-26
			Total	\$17,850		\$23,550	

Performance Measure
 25.7 Lane mile(s)

Note: Additional construction capital is needed due to increase in unit prices for asphalt, grinding, and mobilization, and an addition of a count station to the project.

Performance Measure: (Planned: 25.7, Actual: 25.7)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0	25.7	0	25.7
Post Condition	Lane mile(s)	25.7	0	0	25.7

16 03-Ed-50 77.3/80.4 3338 0319000289 0J480	In South Lake Tahoe, from east of Blue Lake Road Avenue to the Nevada State line. Rehabilitate pavement and drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, and replace Transportation Management System (TMS) elements.	25-26 201.121	PA&ED	\$1,600	Prior	\$1,600	Prior
			PS&E	\$2,040	23-24	\$2,040	23-24
			R/W Sup	\$1,440	23-24	\$1,440	23-24
			Con Sup	\$3,090	25-26	\$3,524	25-26
			R/W Cap	\$1,520	25-26	\$2,745	25-26
			<u>Const Cap</u>	<u>\$17,440</u>	25-26	<u>\$21,228</u>	25-26
			Total	\$27,130		\$32,577	

Performance Measure
 12.6 Lane mile(s)

Note: Increase construction support and capital due to the addition of fiber optic line to the scope. This additional need of \$820,000 will be funded through Infrastructure Investment and Jobs Act (IIJA) funds. Additional R/W capital, and construction support and capital is also needed due to increase in number of curb ramps, modifications to traffic signal and lighting, and addition of temporary traffic signal, bicycle video card, loop detector, light poles, and census station.

Performance Measure: (Planned: 12.6, Actual: 12.6)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0	10.9	1.7	12.6
Post Condition	Lane mile(s)	12.6	0	0	12.6

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
17 03-GLe-32 L0.0/10.9 3790 0319000291 0J500	In and near Orland and Hamilton City, from Route 5 to Butte County line. Rehabilitate pavement and drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards. <u>Performance Measure</u> 20.7 Lane mile(s)	25-26 201.121	PA&ED	\$1,360	Prior	\$1,360	Prior
			PS&E	\$1,770	Prior	\$1,770	Prior
			R/W Sup	\$1,140	Prior	\$1,140	Prior
			Con Sup	\$1,670	25-26	\$1,670	25-26
			R/W Cap	\$410	25-26	\$657	25-26
			<u>Const Cap</u>	<u>\$13,960</u>	25-26	<u>\$13,960</u>	25-26
			Total	\$20,310		\$20,557	

Note: Increase in R/W capital is due to additional coordination and permits needed from railroad companies and utilities.

Performance Measure: (Planned: 20.7, Actual: 20.7)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0	20.7	0	20.7
Post Condition	Lane mile(s)	20.7	0	0	20.7

18 03-NEV-49 2.1/9.8 4143 0323000087 4J110	Near Grass Valley, from Wolf Road/Combie Road to Ponderosa Pines Road. Widen shoulders, construct two-way left-turn lane, rehabilitate pavement and drainage systems, and upgrade lighting, signs, guardrail, and Traffic Management System (TMS) elements. (Additional contribution of \$25,000,000 \$35,000,000 from Nevada County Transportation Commission in Local Transportation Climate Adaptation Program funds.)	26-27 201.999	PA&ED	\$1,700		\$0	
			PS&E	\$1,310	25-26	\$2,200	25-26
			R/W Sup	\$1,100	25-26	\$200	25-26
			Con Sup	\$4,000	26-27	\$6,220	26-27
			R/W Cap	\$6,077	26-27	\$4,354	26-27
			<u>Const Cap</u>	<u>\$29,013</u>	26-27	<u>\$30,226</u>	26-27
			Total	\$43,200		\$43,200	

Performance Measure
~~2.7 Centerline mile(s)~~
7.7 Centerline mile(s)

Note: Updated project description, costs, and performance measure on this new 2024 SHOPP project due to additional funding made available by local partners.

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
19 03-YUb-20 0.8/1.1 6942 0323000034 3J910	In Sacramento, Yolo, and Yuba Counties, on Routes 20, 80, 99, and 113 at four locations. Install signs, green pavement markings, and crosswalks to improve bicyclist and pedestrian safety. <u>Performance Measure</u> 0.19 Annual fatal and serious injury collision(s)	24-25 201.010	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$149 \$279 \$29 \$122 \$32 \$810 \$1,421	Prior 23-24 23-24 24-25 24-25 24-25 24-25	\$149 \$279 \$29 \$122 \$32 \$810 \$1,596	Prior 23-24 23-24 24-25 24-25 24-25 24-25

Note: Increase construction capital to account for higher bid prices trending for items such as roadway excavation and asphalt.

20 04-MRn-37 14.5 0332C 0419000019 2Q500	Near Novato, at Petaluma River Bridge No. 27-0013. Rehabilitate bridge deck, upgrade railings, replace fender system, and mitigate bridge scour. (G13 Contingency) <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	\$1,810 \$3,630 \$110 \$7,030 \$130 \$32,040 \$44,750	Prior Prior Prior 23-24 23-24 23-24	\$1,810 \$3,630 \$110 \$7,030 \$130 \$32,040 \$43,750	Prior Prior Prior 23-24 23-24 23-24
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* Phase not authorized

Note: Split environmental mitigation work into project EA 2Q501/PPNO 04-2925Y from parent project EA 2Q500/PPNO 04-0332C.

Performance Measure: (Planned: 1, Actual: 1)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	146,830	146,830.0
Post Condition	Square feet	146,830	0	0	146,830.0

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)	
21 04-MRn-37 14.5 2925Y 0424000189 2Q501	Near Novato, at Petaluma River Bridge No. 27-0013. Environmental mitigation for EA 2Q500. <u>Performance Measure</u> 0 Bridge(s)	24-25 201.110	PA&ED	\$0	
			PS&E	\$0	
			R/W Sup	\$0	
			Con Sup	\$0	
			R/W Cap	\$0	
			<u>Const Cap</u>	\$1,000	24-25
			Total	\$1,000	

Note: Split environmental mitigation work into project EA 2Q501/PPNO 04-2925Y from parent project EA 2Q500/PPNO 04-0332C.

22 04-MRn-37 28.4/28.6 0756K 0413000350 0G642	Near Point Reyes Station, at Lagunitas Creek Bridge No. 27-0023 and Lagunitas Creek Overflow Bridge No. 27-0024. Replace bridges. <u>Performance Measure</u> 2 Bridge(s)	24-25 201.113 201.116	PA&ED	\$0	Prior	\$0	Prior
			PS&E	\$1,000	Prior	\$1,000	Prior
			R/W Sup	\$1,100	Prior	\$1,100	Prior
			Con Sup	\$4,000	24-25	\$4,000	24-25
			R/W Cap	\$6,893	24-25	\$6,893	24-25
			<u>Const Cap</u>	\$17,986	24-25	\$17,986	24-25
			Total	\$30,979		\$30,979	

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

Performance Measure: (Planned: 2, Actual: 2)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	1,098	4,413	5,511.0
Post Condition	Square feet	5,660	1,098	0	6,758.0

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
23	Near Calistoga, at No Name Creek Bridge No.	25-26	PA&ED	\$0	Prior	\$0	Prior
04-NAp-29	21-0100. Bridge preventative maintenance and scour	201.113	PS&E	\$1,138	Prior	\$1,138	Prior
42.83	mitigation.	201.119	R/W Sup	\$610	Prior	\$610	Prior
1483E			Con Sup	\$2,235	25-26	\$2,235	25-26
0418000401	<u>Performance Measure</u>		R/W Cap	\$1,391	25-26	\$1,391	25-26
2J88U	1 Bridge(s)		<u>Const Cap</u>	<u>\$2,202</u>	25-26	<u>\$2,202</u>	25-26
			Total	\$7,576		\$7,576	

Note: Update program code due to clerical error.

Performance Measure: (Planned: 1, Actual: 1)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	807	807.0
Post Condition	Square feet	807	0	0	807.0

24	In Half Moon Bay, at the Pilarcitos Creek Bridge No.	22-23	PA&ED	\$1,250	Prior	\$1,250	Prior
04-Sm-1	35-0139L/R; also on Route 84 at San Gregorio	201.119	PS&E	\$1,040	Prior	\$1,040	Prior
28.9	Creek Bridge No. 35-0166 (PM 7.55). Retrofit scour		R/W Sup	\$260	Prior	\$260	Prior
1483M	critical bridges to preserve the structural integrity of		Con Sup	\$1,752	22-23	\$1,752	22-23
0415000014	the bridges by reinforcing with Rock Slope Protection		R/W Cap	\$424	22-23	\$424	22-23
2J790	(RSP).		<u>Const Cap</u>	<u>\$6,177</u>	22-23	<u>\$4,807</u>	22-23
			Total	\$10,903		\$9,533	

Performance Measure
 3 Bridge(s)

Concurrent CONST and CON ENG allocation under
 Resolution FP-23-76; March 2024.

Note: Split plant establishment, creek monitoring, biological monitoring, and offsite tree mitigation work into project EA 2J79A/PPNO 04-2924W from parent project EA 2J790/PPNO 04-1483M.

Performance Measure: (Planned: 3, Actual: 3)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	16,608	16,608.0
Post Condition	Square feet	16,608	0	0	16,608.0

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)	
25 04-Sm-1 28.9 2924W 0424000129 2J79A	In Half Moon Bay, at the Pilarcitos Creek Bridge No. 35-0139L/R; also on Route 84 at San Gregorio Creek Bridge No. 35-0166 (PM 7.55). Plant establishment, creek monitoring, biological monitoring, and offsite tree mitigation work for project EA 2J790. <u>Performance Measure</u> 0 Bridge(s)	25-26 201.119	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$300 \$25 \$150 \$0 <u>\$895</u> \$1,370	24-25 24-25 25-26 <u>25-26</u>

Note: Split plant establishment, creek monitoring, biological monitoring, and offsite tree mitigation work into project EA 2J79A/PPNO 04-2924W from parent project EA 2J790/PPNO 04-1483M.

26 04-SOI-84 12.0/12.4 0886 0400000343 0G660	Near Rio Vista, at Miner Slough Bridge No. 23-0035. Replace bridge. <u>Performance Measure</u> 1 Bridge(s) Future SB 1 Baseline Agreement required.	25-26 201.110 201.116	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$2,291 \$800 \$8,000 \$2,800 <u>\$44,400</u> \$58,291	Prior Prior Prior 25-26 25-26 25-26 25-26	\$0 \$2,291 \$800 \$8,000 \$2,800 <u>\$44,400</u> \$58,291	Prior Prior Prior 25-26 25-26 25-26
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Note: Change program code to utilize new Bridge Formula Program (BFP) code.

Performance Measure: (Planned: 1, Actual: 1)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	6,986	0	6,986.0
Post Condition	Square feet	17,600	0	0	17,600.0

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
27 05-MOn-1 60.0 3164 0522000177 1Q160	Near Notleys Landing, at Rocky Creek Bridge No. 44-0036. Preserve bridge by conducting Electrochemical Chloride Extraction (ECE), clean and paint structural steel, and repair spalls on substructure.	24-25 201.110 201.116	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,600 \$500 \$50 \$4,600 \$60 <u>\$23,259</u> \$30,069	22-23 24-25 24-25 24-25 24-25 24-25 24-25	\$1,600 \$500 \$50 \$4,600 \$60 <u>\$23,259</u> \$30,069	22-23 24-25 24-25 24-25 24-25 24-25 24-25
	<u>Performance Measure</u> 1 Bridge(s)						

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

Performance Measure: (Planned: 1, Actual: 1)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	0	13,702	0	13,702.0
Post Condition	Square feet	0	13,702	0	13,702.0

28 05-Sb-101 9.2/10.1 9.2/9.7 2426D 0519000053 1C824	In and near Near the city of Santa Barbara, from 0.2 mile north of Sheffield Drive Undercrossing to 0.4 mile north 0.3 mile south of San Ysidro Road. Upgrade median barrier, enhance highway worker safety, rehabilitate drainage systems and pavement, and install Transportation Management System (TMS) elements. This is a Construction Manager/General Contractor (CMGC) project. (Local contribution: \$966,000 PA&ED, \$3,433,000 PS&E, and \$156,000 R/W Support as part of STIP project EA 0N70B.)	22-23 201.015	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$4,600 \$0 <u>\$17,935</u> \$22,535	22-23 22-23 22-23 22-23	\$0 \$0 \$0 \$4,600 \$0 <u>\$12,935</u> \$17,535	22-23 22-23 22-23 22-23
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Performance Measure
~~3.0 Collision(s) reduced~~
0.12 Annual fatal and serious injury collision(s)

Concurrent CONST and CON ENG allocation under Resolution FP-23-76; March 2024.

Note: Update postmile, location description, performance unit of measure due to realizing overlap with improvements already in construction under combined EA 0N74U. Split landscape mitigation planting and biological monitoring into project EA 1C841/PPNO 05-2431Y from parent project EA 1C824/PPNO 05-2426D.

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
29 05-Sb-101 R6.6/10.1 2431Y 0522000052 1C841	Near Carpinteria, from 0.5 mile south to 0.4 mile north of North Padaro Lane (PM R6.6/R7.5); also in Montecito, from 0.2 mile north of Sheffield Drive to 0.1 mile north of San Ysidro Road (PM 9.2/10.1). Landscape mitigation and biological monitoring for proactive safety project EA 1C824. (Local contribution: \$3,000,000 for PS&E, Con Support, R/W Capital, and Con Capital.)	26-27	PA&ED			\$0	
		201.015	PS&E			\$0	
			R/W Sup			\$0	
			Con Sup			\$895	26-27
			R/W Cap			\$5	26-27
			<u>Const Cap</u>			<u>\$4,100</u>	<u>26-27</u>
			Total			\$5,000	

Performance Measure

0.00 Annual fatal and serious injury collision(s)

Note: Split landscape mitigation planting and biological monitoring into project EA 1C841/PPNO 05-2431Y from parent project EA 1C824/PPNO 05-2426D.

30 06-Ker-33 40.4/59.0 40.4/59.3 6978 0619000010 0Y130	Near McKittrick, from south of Lokern Road to 4.2 0.9 mile south of Route 46. Rehabilitate pavement, widen shoulders , replace signs, install rumble strips , install Transportation Management System (TMS) elements, and rehabilitate drainage systems.	22-23	PA&ED	\$1,800	Prior	\$1,800	Prior
		201.121	PS&E	\$1,300	Prior	\$1,300	Prior
			R/W Sup	\$350	Prior	\$350	Prior
			Con Sup	\$2,300	22-23	\$2,300	22-23
			R/W Cap	\$220	22-23	\$220	22-23
			<u>Const Cap</u>	<u>\$16,600</u>	22-23	<u>\$10,490</u>	22-23
			Total	\$22,570		\$16,460	

Performance Measure

~~37.2 Lane mile(s)~~

37.8 Lane mile(s)

Concurrent Greater than 120 CONST and CON ENG allocation under Resolution FP-23-71; March 2024.

Note: Split environmental mitigation funding assurance into project EA 0Y131/PPNO 06-8091 to satisfy California Department of Fish and Wildlife (CDFW) requirement for San Joaquin Antelope squirrel, and split environmental mitigation into project EA 0Y132/PPNO 06-8097 to satisfy CDFW requirement for allscale scrub habitat restoration with a seven year plant establishment period and biological monitoring from parent project EA 0Y130/PPNO 06-6978.

Performance Measure: (Planned: 37.2, Actual: 37.8)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	2.8	35	0	37.8
Post Condition	Lane mile(s)	37.8	0	0	37.8

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)	
31 06-Ker-33 40.4/59.3 8091 0624000074 0Y131	Near McKittrick, from south of Lokern Road to 0.9 mile south of Route 46. Environmental mitigation funding assurance for pavement rehabilitation project EA 0Y130.	26-27 201.121	PA&ED	\$0	
			PS&E	\$0	
			R/W Sup	\$75	25-26
			Con Sup	\$0	
			R/W Cap	\$3,500	26-27
			<u>Const Cap</u>	<u>\$0</u>	
	<u>0.0 Lane mile(s)</u>	Total	\$3,575		

Note: Split environmental mitigation funding assurance into project EA 0Y131/PPNO 06-8091 from parent project EA 0Y130/PPNO 06-6978 to satisfy California Department of Fish and Wildlife (CDFW) requirement for San Joaquin Antelope squirrel impacts.

32 06-Ker-33 40.4/59.3 8097 0624000197 0Y132	Near McKittrick, from south of Lokern Road to 0.9 mile south of Route 46. Environmental mitigation for allscale scrub habitat restoration with a 7 year plant establishment period and biological monitoring for pavement rehabilitation project EA 0Y130.	26-27 201.121	PA&ED	\$150	24-25
			PS&E	\$450	25-26
			R/W Sup	\$0	
			Con Sup	\$1,225	26-27
			R/W Cap	\$10	26-27
			<u>Const Cap</u>	<u>\$700</u>	<u>26-27</u>
	<u>0.0 Lane mile(s)</u>	Total	\$2,535		

Note: Split environmental mitigation into project EA 0Y132/PPNO 06-8097 from parent project EA 0Y130/PPNO 06-6978 to satisfy California Department of Fish and Wildlife (CDFW) requirement for allscale scrub habitat restoration with a 7 year plant establishment period and biological monitoring.

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
33	In Chowchilla, from Avenue 24 1/2 to Route 99.	25-26	PA&ED	\$660	Prior	\$660	Prior
06-MAAd-233	Rehabilitate pavement and upgrade Transportation	201.121	PS&E	\$980	23-24	\$980	23-24
1.8/3.88	Management System (TMS) elements, roadside		R/W Sup	\$30	23-24	\$30	23-24
7095	signs, and guardrail, and construct Class 2 bike		Con Sup	\$890	25-26	\$979	25-26
0619000224	lanes, Americans with Disabilities Act (ADA)		R/W Cap	\$140	25-26	\$228	25-26
0W860	compliant curb ramps and sidewalks, bulbouts, and		<u>Const Cap</u>	<u>\$9,400</u>	25-26	<u>\$10,575</u>	25-26
	flashing beacons as complete streets and safety		Total	\$12,100		\$13,452	
	elements, and add fiber optic cable.						

Performance Measure

6.5 Lane mile(s)

Concurrent Supplemental allocation under
 Resolution FA-23-86; March 2024.

Note: Update project description and increase in construction and right of way cost to add fiber optic cables to this project. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: (Planned: 6.5, Actual: 6.5)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0	4.2	2.3	6.5
Post Condition	Lane mile(s)	6.5	0	0	6.5

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)				
34	In and near Los Angeles and Santa Clarita, from Route 5 to 0.4 mile north of Sand Canyon Road; also on Routes 101 (PM 11.8R), 405 (PM 48.48), and at the Los Angeles Regional Transportation Management Center (LARTMC) at 2901 West Broadway. Upgrade Transportation Management System (TMS) elements, construct fiber optic lines, and upgrade communication equipment at hubs and at the LARTMC.	24-25	PA&ED	\$1,100	Prior	\$1,100	Prior	
07-La-14		201.315	PS&E	\$2,475	Prior	\$2,475	Prior	
R24.8/33.2				R/W Sup	\$50	Prior	\$50	Prior
R24.8/33.8				Con Sup	\$4,550	24-25	\$5,900	24-25
5646				R/W Cap	\$64	24-25	\$183	24-25
0719000316				<u>Const Cap</u>	<u>\$25,151</u>	24-25	\$31,425	24-25
36380				Total	\$33,387		\$41,133	

Performance Measure
~~25 Field element(s)~~
34 Field element(s)

Note: Increase construction capital and support because new TMS elements are being added to the project and due to unit prices rising on prior included elements. Increase R/W capital because of additional utility location work. Update postmiles to capture all planned TMS elements. Also, additional fiber optic cable will be installed, this additional need of \$1,060,000 will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: (Planned: 25, Actual: 34)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Field element(s)	33.3	0	66.7	18.0
Post Condition	Field element(s)	100	0	0	34.0

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
35 07-La-47 R0.0/2.3 R0.0/3.6 5636 0719000307 36250	In the city cities of Los Angeles and Long Beach , from Route 110 to Ferry Street 0.1 mile south of New Dock Street ; also in Long Beach from Route 710 to north of Route 710 (PM 3.497/3.58). Upgrade Transportation Management System (TMS) elements, replace fiber optic cable, and connect upgraded equipment to communication hubs.	24-25	PA&ED	\$676	Prior	\$676	Prior
		201.315	PS&E	\$2,363	Prior	\$2,363	Prior
			R/W Sup	\$75	Prior	\$75	Prior
			Con Sup	\$2,723	24-25	\$2,723	24-25
			R/W Cap	\$119	24-25	\$56	24-25
			<u>Const Cap</u>	<u>\$9,661</u>	24-25	<u>\$9,661</u>	24-25
			Total	\$15,617		\$15,554	

Performance Measure
~~14~~ Field element(s)
8 Field element(s)

Note: Update performance because some items were found to be in good condition, and other elements were added. Construction cost does not change due to inflation. Update project limits to include a new census station. Decrease R/W capital because of reduced need for utility location work.

Performance Measure: (Planned: 14, Actual: 8)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Field element(s)	50	0	50	2.0
Post Condition	Field element(s)	100	0	0	8.0

36 07-La-47 R0.4/2.0 6024 0722000334 39020	In the city of Los Angeles, near the Port of Long Beach, at Vincent Thomas Bridge No. 53-1471. Replace bridge deck and seismic sensors. This is a Construction Manager/General Contractor (CMGC) project.	25-26	PA&ED	\$17,140	Prior	\$17,140	Prior
		201.110	PS&E	\$20,900	23-24	\$20,900	23-24
		201.116	R/W Sup	\$17	23-24	\$17	23-24
			Con Sup	\$39,840	25-26	\$39,840	25-26
			R/W Cap	\$30	25-26	\$30	25-26
			<u>Const Cap</u>	<u>\$628,464</u>	25-26	<u>\$628,464</u>	25-26
	Total	\$706,391		\$706,391			

Performance Measure
 1 Bridge(s)

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

Performance Measure: (Planned: 1, Actual: 1)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	0	0	352,044	352,044.0
Post Condition	Square feet	352,044	0	0	352,044.0

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
37	In the city of Los Angeles, at the Argyle-Franklin	24-25	PA&ED	\$946	Prior	\$946	Prior
07-LA-101	Undercrossing Bridge No. 53-0680; also on Route	201.110	PS&E	\$2,615	Prior	\$2,615	Prior
7.1	210 at the Big Tujunga Wash Bridge No. 53-2249		R/W Sup	\$32	Prior	\$32	Prior
5616	(PM R9.9). Rehabilitate bridges by resurfacing		Con Sup	\$4,954	24-25	\$1,219	24-25
0719000275	bridge decks, reconstructing approach and departure		R/W Cap	\$42	24-25	\$4,925	24-25
36060	slabs, and seismically retrofitting columns hinges; and slope paving with rock blanket.		<u>Const Cap</u>	<u>\$20,452</u>	24-25	\$6,718	24-25
			Total	\$29,038		\$16,455	

Performance Measure

2 Bridge(s)

Note: Reduce construction capital because seismic retrofit for column work is not needed after analysis, only hinges, and rock blanket is being constructed by another project. Decrease construction support for scope change. Increase R/W capital because of a building that will need to be demolished because bridge pipe seat extensions will impact the airspace.

Performance Measure: (Planned: 2, Actual: 2)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	278,419	278,419.0
Post Condition	Square feet	278,419	0	0	278,419.0

38	In and near the city of Los Angeles, from south of	25-26	PA&ED	\$645	Prior	\$645	Prior
07-La-110	Channel Street Miraflores Avenue to north of	201.151	PS&E	\$1,668	Prior	\$1,668	Prior
R1.2/10.0	Route 94 182nd Street . Rehabilitate drainage		R/W Sup	\$210	Prior	\$210	Prior
R1.2/9.7	systems.		Con Sup	\$1,432	25-26	\$1,432	25-26
5631			R/W Cap	\$199	25-26	\$317	25-26
0719000295	<u>Performance Measure</u>		<u>Const Cap</u>	<u>\$3,611</u>	25-26	\$3,611	25-26
36210	11 Culvert(s)		Total	\$7,759		\$7,883	

Note: Update postmiles because of updated surveys of field work. Increase R/W capital because of an increased need for utility location work.

Performance Measure: (Planned: 11, Actual: 11)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Linear feet	0	765	279	1,044.0
Post Condition	Linear feet	1,044	0	0	1,044.0

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
39 07-La-134 0.0/R13.3 5375 0718000094 34710	In the cities of Los Angeles, Burbank, Glendale, and Pasadena, from Route 170 to Route 210. Replace sign structures and sign panels, upgrade striping , and upgrade guardrail. <u>Performance Measure</u> 20 Sign(s)	24-25 201.170	PA&ED	\$910	Prior	\$910	Prior
			PS&E	\$1,682	Prior	\$1,682	Prior
			R/W Sup	\$12	Prior	\$12	Prior
			Con Sup	\$2,348	24-25	\$2,723	24-25
			R/W Cap	\$20	24-25	\$313	24-25
			Const Cap	\$8,092	24-25	\$19,044	24-25
			Total	\$13,064		\$24,684	

Note: Increase construction capital because multiple items are being added, such as sign structures and additional signing and striping. Increase construction support because additional effort will be required. Increase R/W capital because additional utility verification work is required.

Performance Measure: (Planned: 20, Actual: 20)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Each	0	0	16	16.0
Post Condition	Each	20	0	0	20.0

40 07-La-210 R43.3/R46.0 5697 0719000367 36870	In and near Glendora and San Dimas, from east of Sunflower Avenue to east of Walnut Avenue; also from Gladstone Street to Route 210 (PM R11.3R/R12.3R). Upgrade highway lighting to use Light Emitting Diodes (LEDs), upgrade sign panels, replace structural light poles , and modify overhead sign structures.	24-25 201.170	PA&ED	\$574	Prior	\$574	Prior
			PS&E	\$1,872	Prior	\$1,872	Prior
			R/W Sup	\$18	Prior	\$18	Prior
			Con Sup	\$1,428	24-25	\$1,815	24-25
			R/W Cap	\$50	24-25	\$53	24-25
			Const Cap	\$4,725	24-25	\$10,069	24-25
			Total	\$8,667		\$14,401	

Performance Measure
58 Lighting fixture(s)
68 Lighting fixture(s)

Note: Increase construction capital, support, and performance because ten structural light poles were found to be in need of replacement. Increase R/W capital because of additional purchase rights, agreements, contracts, and railroad costs.

Performance Measure: (Planned: 58, Actual: 68)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Each	0	0	68	68.0
Post Condition	Each	68	0	0	68.0

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

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

Project Location and Description of Work
 Performance Measure

FY
 Program Code

Project Costs
 (\$1,000)

41	In Calimesa, from the San Bernardino County line to east of Brookside Avenue. Rehabilitate roadway, improve highway worker safety, upgrade median barrier, signs, guardrail, drainage, and striping, upgrade facilities to Americans with Disabilities Act (ADA) standards, install fiber optic cable , and construct stormwater Best Management Practices (BMP) to meet requirements of National Pollutant Discharge Elimination System (NPDES) permit.	24-25	PA&ED	\$2,988	Prior	\$2,988	Prior
08-Riv-10		201.122	PS&E	\$3,150	23-24	\$3,150	23-24
R0.0/R4.4			R/W Sup	\$318	23-24	\$318	23-24
3011W			Con Sup	\$4,952	24-25	\$6,769	24-25
0818000089			R/W Cap	\$56	24-25	\$56	24-25
1J650			<u>Const Cap</u>	<u>\$58,031</u>	24-25	<u>\$66,312</u>	24-25
			Total	\$69,495		\$79,593	

Performance Measure

26.2 Lane mile(s)

Note: Increase construction capital and support because new fiber optic cable is being added to the project and due to a revised construction estimate including traffic handling. Change description to add fiber optic cable installation. This additional need of \$2,314,000 will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: (Planned: 26.2, Actual: 26.2)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Lane mile(s)	0	18.6	7.6	26.2
Post Condition	Lane mile(s)	26.2	0	0	26.2

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
42	In and near Beaumont, from east of Brookside	25-26	PA&ED	\$2,261	Prior	\$2,261	Prior
08-Riv-10	Avenue to Pennsylvania Avenue. Rehabilitate	24-25	PS&E	\$4,755	23-24	\$4,755	23-24
R4.4/8.2	roadway, lighting, and drainage systems, upgrade	201.122	R/W Sup	\$26	23-24	\$26	23-24
3011V	guardrail, improve highway worker safety, install		Con Sup	\$6,294	25-26	\$8,033	24-25
0818000088	fiber optic cable , and upgrade facilities to		R/W Cap	\$26	25-26	\$50	24-25
1J640	Americans with Disabilities Act (ADA) standards.		<u>Const Cap</u>	<u>\$53,492</u>	25-26	<u>\$57,124</u>	24-25
			Total	\$66,854		\$72,249	

Performance Measure
 24.2 Lane mile(s)

Note: Change description to add new fiber optic cable. Accelerate delivery year to later combine with EA 1J650 at vote for construction efficiencies. Increase construction support and capital and R/W capital because of added fiber optic work, revised construction estimate, revised traffic handling, and additional positive utility verification. This additional need of \$1,165,000 will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: (Planned: 24.2, Actual: 24.2)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	1.6	19.5	3.1	24.2
Post Condition	Lane mile(s)	24.2	0	0	24.2

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
43 08-Riv-215 R31.2/40.5 3015L 0819000158 1L170	In and near the city of Riverside, from north of Ramona Expressway to south of Martin Luther King Boulevard. Rehabilitate pavement, upgrade guardrail and Transportation Management System (TMS) elements, replace roadside sign panels, construct rumble strips, improve pedestrian and bicycle infrastructure, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	24-25	PA&ED	\$1,851	Prior	\$1,851	Prior
		25-26	PS&E	\$2,346	Prior	\$2,346	Prior
		201.121	R/W Sup	\$175	Prior	\$175	Prior
			Con Sup	\$4,829	24-25	\$5,495	25-26
			R/W Cap	\$46	24-25	\$115	25-26
			<u>Const Cap</u>	<u>\$49,253</u>	24-25	\$55,585	25-26
			Total	\$58,500		\$65,567	

Performance Measure

65.7 Lane mile(s)

Concurrent SB 1 Baseline Agreement approval under Resolution SHOPP-P-2324-06B; March 2024.

Note: Change delivery year from FY24-25 to FY25-26 due to district delivery commitments. Increase construction capital cost due to updated quantities primarily for pavement and traffic items. Increase construction support cost due to greater portions of nighttime lane closures and added escalation caused by postponing delivery by one year. Increase RW capital cost due to more than originally anticipated positive utility verification work.

Performance Measure: (Planned: 65.7, Actual: 65.7)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	2.4	63.1	0.2	65.7
Post Condition	Lane mile(s)	65.7	0	0	65.7

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
44 08-SBd-15 0.0/37.4 3017L 0820000160 1L810	In and near Ontario, Rancho Cucamonga, Fontana, Hesperia, and Victorville, from Philadelphia Street to Bear Valley Road; also in and near Barstow from Quarry Road to south of Route 58 (PM 46.4/69.7); also in Riverside County, in and near Corona and Norco, from north of Nichols Road to the San Bernardino County line (PM 24.0/52.270). Upgrade guardrail end treatments, re-grade slopes to improve safety, install fiber optic cable , and construct stormwater Best Management Practices (BMPs) to meet requirements of National Pollutant Discharge Elimination System (NPDES) permit.	24-25 201.015	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,769 \$1,169 \$42 \$1,653 \$25 \$6,099 \$10,757	Prior 23-24 23-24 24-25 24-25 24-25 24-25	\$1,769 \$1,169 \$42 \$1,653 \$25 \$7,119 \$11,777	Prior 23-24 23-24 24-25 24-25 24-25

Performance Measure

0.26 Annual fatal and serious injury collision(s)

Note: Add fiber optic cable installation to this project. Update description and increase construction capital due to the added fiber optic work. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
45 08-SBd-15 R120.0/144.0 R121.0/144.0 3015J 0819000152 1L150	Near Baker, from south 0.6 mile north of Basin Road to 7.4 miles north of Route 127. Rehabilitate pavement, drainage systems, and lighting, upgrade guardrail, and replace sign panels, and install fiber optic cable, high tension cable barrier, and guardrail.	25-26 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$2,211 \$2,543 \$25 \$5,200 \$79 \$35,508 \$45,566	Prior 23-24 23-24 25-26 25-26 25-26 25-26	\$2,211 \$2,543 \$25 \$5,582 \$79 \$39,592 \$50,032	Prior 23-24 23-24 25-26 25-26 25-26 25-26

Performance Measure

50.6 Lane mile(s)

Future SB 1 Baseline Agreement required.

Note: Add installation of fiber optic cable, high tension cable barrier, and guardrail to this project. Update description and increase construction support and construction capital due to the added scope. Update post mile to avoid environmentally sensitive area and schedule delays. These additional needs will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: (Planned: 50.6, Actual: 50.6)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0	50.6	0	50.6
Post Condition	Lane mile(s)	50.6	0	0	50.6

46 08-SBd-18 57.00/66.90 56.2/66.9 3016F 0820000076 1L420	Near Big Bear Lake, from 1.4 miles south of Baldwin Lake Road 2.0 miles south of Holcomb Valley Road to Camp Rock Road. Rehabilitate pavement and drainage systems, upgrade guardrail, replace sign panels, construct rumble strips, widen shoulders, and apply pavement delineation.	25-26 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,694 \$1,642 \$944 \$3,691 \$150 \$18,760 \$26,881	Prior 23-24 23-24 25-26 25-26 25-26 25-26	\$1,694 \$1,642 \$944 \$3,691 \$150 \$18,760 \$26,881	Prior 23-24 23-24 25-26 25-26 25-26 25-26
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Performance Measure

19.8 Lane mile(s)

Note: Update post mile and location description to capture existing guardrail work at begin work limit.

Performance Measure: (Planned: 19.8, Actual: 19.8)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0	18.4	1.4	19.8
Post Condition	Lane mile(s)	19.8	0	0	19.8

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
47 08-SBd-38 0.0/1.3 3014N 0819000130 1K940	In Redlands, from Route 10 to Occidental Drive; also on spurs from Orange Street to Pearl Avenue (PM S0.372/S0.597) and from Eureka Street to Route 10 (PM S0.598/S0.855). Rehabilitate pavement, upgrade Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards, and install fiber optic cable .	24-25	PA&ED	\$1,669	Prior	\$1,669	Prior
		201.121	PS&E	\$1,712	Prior	\$1,712	Prior
			R/W Sup	\$1,964	Prior	\$1,964	Prior
			Con Sup	\$2,272	24-25	\$2,272	24-25
			R/W Cap	\$1,165	24-25	\$1,165	24-25
			<u>Const Cap</u>	\$6,690	24-25	\$8,820	24-25
			Total	\$17,472		\$17,602	

Performance Measure
 3.8 Lane mile(s)

Note: Add fiber optic cable installation to this project. Update description and increase construction capital due to the added scope. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: (Planned: 3.8, Actual: 3.8)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0	3.7	0.1	3.8
Post Condition	Lane mile(s)	3.8	0	0	3.8

48 08-SBd-38 1.3/4.1 3014G 0819000129 1K860	In and near Redlands, from Occidental Drive to Crafton Avenue. Rehabilitate pavement, upgrade Transportation Management System (TMS) elements, upgrade facilities to Americans with Disabilities Act (ADA) standards, install fiber optic cable , and construct pedestrian and bicycle infrastructure.	25-26	PA&ED	\$1,802	Prior	\$1,802	Prior
		201.121	PS&E	\$2,212	23-24	\$2,212	23-24
			R/W Sup	\$3,677	23-24	\$3,677	23-24
			Con Sup	\$2,450	25-26	\$2,450	25-26
			R/W Cap	\$784	25-26	\$784	25-26
			<u>Const Cap</u>	\$13,205	25-26	\$13,308	25-26
			Total	\$24,130		\$24,233	

Performance Measure
 5.6 Lane mile(s)

Note: Add fiber optic cable installation to this project. Update description and increase construction capital to reflect the added scope. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: (Planned: 5.6, Actual: 5.6)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0	5.6	0	5.6
Post Condition	Lane mile(s)	5.6	0	0	5.6

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
49 08-SBd-40 153.9/154.7 R153.9/R154.64 3001S 0812000067 0R380	Near Needles, from Park Moabi Road to Topock Road at the Colorado River Bridge No. 54-0415. Bridge rehabilitation and/or replacement. Caltrans will be the lead agency and will share half of all costs with Arizona Department of Transportation (ADOT) as indicated via a signed Letter of Intent. This is a Construction Manager/General Contractor (CMGC) project.	25-26 201.110	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$2,650 \$3,759 \$431 \$6,332 \$169 \$28,800 \$44,141	Prior 22-23 22-23 25-26 25-26 25-26 25-26	\$2,650 \$3,759 \$431 \$10,268 \$8,000 \$49,616 \$74,724	Prior 22-23 22-23 25-26 25-26 25-26 25-26

Performance Measure

1 Bridge(s)

Concurrent COS allocation under Resolution FP-23-77; March 2024.

Concurrent Greater than 120 PS&E allocation under Resolution FP-23-73; March 2024.

Future SB 1 Baseline Agreement required.

Note: Update postmile limits to improve project location accuracy. Change scope and description from bridge rehabilitation and/or replacement to bridge replacement only and delivery method from design-bid-build to CMGC. Increase R/W capital and construction support and capital due to changed scope.

Performance Measure: (Planned: 1, Actual: 1)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	87,984	0	87,984.0
Post Condition	Square feet	108,696	0	0	108,696.0

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
50 11-Sd-5 R22.3 1381 1119000193 43087	In the city of San Diego, at Clairemont Drive Overcrossing Bridge No. 57-0429. Repair bridge deck, replace traffic signal, make bicycle and pedestrian safety improvements , and upgrade facilities to Americans with Disabilities Act (ADA) standards.	25-26	PA&ED	\$354	Prior	\$354	Prior
		201.110	PS&E	\$626	24-25	\$826	24-25
			R/W Sup	\$30	24-25	\$30	24-25
			Con Sup	\$854	25-26	\$1,154	25-26
			R/W Cap	\$25	25-26	\$25	25-26
			<u>Const Cap</u>	\$6,604	25-26	\$11,101	25-26
			Total	\$8,490		\$13,490	

Performance Measure
 1 Bridge(s)

Note: Make pedestrian and bicycle improvements to shield users, increase visibility, and reduce speeds in order to improve safety. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: (Planned: 1, Actual: 1)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	75,573	75,573.0
Post Condition	Square feet	75,573	0	0	75,573.0

51 11-Sd-5 R49.3/R53.2 1386 1119000214 43100	In Carlsbad and Oceanside, from Tamarack Avenue to Mission Avenue. Upgrade curb ramps and Accessible Pedestrian Signals (APSS) to Americans with Disabilities Act (ADA) standards and realign interchange ramp .	24-25	PA&ED	\$355	Prior	\$355	Prior
		201.361	PS&E	\$1,125	23-24	\$1,125	23-24
			R/W Sup	\$142	23-24	\$142	23-24
			Con Sup	\$1,244	24-25	\$1,691	24-25
			R/W Cap	\$104	24-25	\$104	24-25
			<u>Const Cap</u>	\$9,539	24-25	\$8,033	24-25
			Total	\$6,500		\$11,450	

Note: Increase funding to realign ramp with Mission Avenue to remove free right turns to improve mobility and safety for all users. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: (Planned: 28, Actual: 28)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Each	0	0	28	28.0
Post Condition	Each	28	0	0	28.0

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
52	In Oceanside, from Route 5 to east of Melrose Drive.	24-25	PA&ED	\$1,867	Prior	\$1,867	Prior
11-Sd-76	Rehabilitate pavement and drainage systems,	201.121	PS&E	\$2,803	23-24	\$2,803	23-24
R0.0/R8.1	enhance highway worker safety, upgrade traffic		R/W Sup	\$30	23-24	\$30	23-24
1390	signals and roadside signs, add fiber , and upgrade		Con Sup	\$3,698	24-25	\$3,948	24-25
1119000198	facilities to Americans with Disabilities Act (ADA)		R/W Cap	\$16	24-25	\$16	24-25
43091	standards.		<u>Const Cap</u>	<u>\$28,354</u>	24-25	<u>\$32,504</u>	24-25
			Total	\$36,768		\$41,168	

Performance Measure

33.0 Lane mile(s)

Note: Add fiber optic networking through the project limits to improve system reliability. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: (Planned: 33.0, Actual: 33.0)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	4.8	28.2	0	33.0
Post Condition	Lane mile(s)	33	0	0	33.0

53	In and near Irvine, from Route 405 to Yale Avenue.	24-25	PA&ED	\$1,120	Prior	\$1,120	Prior
12-ORa-5	Rehabilitate roadway and drainage systems,	201.120	PS&E	\$2,040	Prior	\$2,040	Prior
21.3/R25.8	enhance highway worker safety, replace roadside		R/W Sup	\$0		\$0	
2590A	sign panels, add fiber optic cable , and construct		Con Sup	\$4,310	24-25	\$4,310	24-25
1222000012	stormwater treatment Best Management Practices		R/W Cap	\$10	24-25	\$10	24-25
0S051	(BMPs).		<u>Const Cap</u>	<u>\$24,635</u>	24-25	<u>\$24,920</u>	24-25
			Total	\$32,115		\$32,400	

Performance Measure

51.2 Lane mile(s)

Note: Increase construction capital to add fiber optic cables to project. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: (Planned: 51.2, Actual: 51.2)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	10.5	40.7	0	51.2
Post Condition	Lane mile(s)	51.2	0	0	51.2

**List of 2024 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
54 12-ORa-5 R25.8/30.3 2590B 1222000013 0S052	In and near Irvine and Tustin, from Yale Avenue to Route 55. Rehabilitate roadway and drainage systems, enhance highway worker safety, add fiber optic cable , and install census stations. <u>Performance Measure</u> 55.7 Lane mile(s)	24-25	PA&ED	\$760	Prior	\$760	Prior
		201.120	PS&E	\$1,850	Prior	\$1,850	Prior
			R/W Sup	\$0		\$0	
			Con Sup	\$3,340	24-25	\$3,340	24-25
			R/W Cap	\$0		\$0	
			<u>Const Cap</u>	\$13,189	24-25	\$13,924	24-25
			Total	\$19,139		\$19,874	

Note: Increase construction capital to add fiber optic cables to project. This additional need will be funded through Infrastructure Investment and Jobs Act (IIJA) funds.

Performance Measure: (Planned: 55.7, Actual: 55.7)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	5.8	49.9	0	55.7
Post Condition	Lane mile(s)	55.7	0	0	55.7

List of 2024 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
55	In Oakland, at Bruns Drive Pedestrian Overcrossing	25-26	PA&ED	\$2,359	20/21	\$2,359	20/21
04-Ala-13	No. 33-0244 (PM 7.91). Replace pedestrian	201.113	PS&E	\$2,584	21-22	\$0	
7.9	overcrossing and upgrade seismic safety.		R/W Sup	\$93	21-22	\$0	
2020L			Con Sup	\$4,252	25-26	\$0	
0418000023	<u>Performance Measure</u>		R/W Cap	\$26	25-26	\$0	
0P890	4 Bridge(s)		<u>Const Cap</u>	\$17,450	25-26	\$0	
	0 Bridge(s)		Total	\$26,764		\$2,359	

Note: Project funding for PS&E, R/W Sup, Con Sup, R/W Cap, and Const Cap lapsed on February 29, 2024. Future phases being shown as unprogrammed per Commission SHOPP Guidelines.

Performance Measure: (Planned: 1, Actual: 0)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Square feet	0	0	2,120	2,120.0
Post Condition	Square feet	0	0	0	0.0

List of 2024 SHOPP Long Lead Project Amendments

Resolution G-00-13, established in June 2000, provides the Department with the means to develop SHOPP projects which require periods longer than the four-year SHOPP cycle. The Commission authorized the Department to program projects for development only when appropriate. Long lead projects must identify challenges that require additional time beyond the typical four years to complete.

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

Project Location and Description of Work
Performance Measure

FY
Program Code

Project Costs
(\$1,000)

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)		Project Costs (\$1,000)	
1	In and near the cities of Santa Cruz and Scotts	26-27	PA&ED	\$1,381	Prior	\$1,381	Prior
05-SCr-17	Valley, from Route 1 to Santa Clara County line at	201.335	* PS&E	\$1,387	23-24	\$1,938	23-24
0.0/12.5	various locations. Construct and install stormwater		* R/W Sup	\$276	23-24	\$276	23-24
2921	quality Best Management Practices (BMPs) and		* Con Sup	\$1,429	26-27	\$1,429	26-27
0518000233	rehabilitate drainage systems.		* R/W Cap	\$397	26-27	\$397	26-27
1K670	(Long Lead Project)		* <u>Const Cap</u>	<u>\$4,632</u>	26-27	<u>\$4,632</u>	26-27
			Total	\$9,502		\$10,053	

Performance Measure

13.9 Acre(s) treated/pollutant

* Phase not authorized

Concurrent COS allocation under Resolution
 FP-23-77; March 2024.

Note: Update project description in anticipation of 2024 SHOPP adoption. Increase PS&E cost after PID workplan verification, following the public circulation period of the draft Environmental Document, identified additional resourcing needs for geotechnical drilling and for the completion of Arborist report.

List of 2024 SHOPP Long Lead Project Amendments

Resolution G-00-13, established in June 2000, provides the Department with the means to develop SHOPP projects which require periods longer than the four-year SHOPP cycle. The Commission authorized the Department to program projects for development only when appropriate. Long lead projects must identify challenges that require additional time beyond the typical four years to complete.

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

Project Location and Description of Work
Performance Measure

FY
Program Code

Project Costs
(\$1,000)

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	23-24	\$8,000	23-24
21.2/24.6	lighting, replace signs, rehabilitate drainage systems,		* R/W Sup	\$270	23-24	\$790	23-24
21.15/24.6	construct southbound auxiliary lane, replace		* Con Sup	\$0,600	26-27	\$10,200	26-27
6958	Palm Avenue Overcrossing No. 50-0261, and		* R/W Cap	\$20	26-27	\$695	26-27
0618000059	upgrade Transportation Management System (TMS)		* <u>Const Cap</u>	<u>\$79,100</u>	26-27	<u>\$85,800</u>	26-27
0X370	elements.		Total	\$97,490		\$110,485	
	(Long Lead Project)						

* Phase not authorized

Performance Measure

~~21.8 Lane mile(s)~~

15.1 Lane mile(s)

Concurrent COS allocation under Resolution
 FP-23-77; March 2024.

Note: Refine postmile limit and performance. Update project description to include missing auxiliary lane and bridge replacement previously scoped as part of the June 2022 amendment funding contribution shift from local source to SHOPP. Cost increases are due to updated R/W cost and utility impacts, updated resource workplan errors, updated structure estimate cost and missed required widening work at California Ave., and 150 working day estimate increase.

Performance Measure: (Planned: 21.8, Actual: 15.1)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0	12.6	2.5	15.1
Post Condition	Lane mile(s)	15.1	0	0	15.1