

Tab 62 - YELLOW REPLACEMENT ITEM

List of New 2018 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.	
Major Damage Restoration						
1 01-Hum-101 80.8 8507 0119000041 0J450	In Eureka, at 1.4 miles north of V Street. Repair tide gate.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$25 \$500 \$25 <u>\$1,000</u> \$1,550	18-19 18-19 18-19 18-19	201.130 Assembly: 2 Senate: 2 Congress: 2 1 Location(s)
2 01-Hum-200 R2.6 2523 0119000039 0J440	Near Arcata, at Route 200/299 Separation Bridge No. 04-0184. High load bridge hit repair.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$5 \$1,000 \$10 <u>\$2,500</u> \$3,515	18-19 18-19 18-19 18-19	201.130 Assembly: 2 Senate: 2 Congress: 2 1 Location(s)
3 02-Tri-299 32.0/33.0 3746 0219000073 0J220	Near Helena, from 0.5 mile east of Wheel Gulch Road to 3.8 miles west of East Fork Road. Remove slide material and stabilize slopes.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$1,200 \$50 <u>\$5,000</u> \$6,250	18-19 18-19 18-19	201.130 Assembly: 2 Senate: 2 Congress: 2 1 Location(s)
4 02-Tri-299 40.8/41.2 3745 0219000056 0J090	Near Junction City, from 0.6 mile east of Valdor Drive to 0.1 mile west of Powerhouse Road. Remove slide material and install rockfall protection.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$700 \$40 <u>\$2,500</u> \$3,240	18-19 18-19 18-19 18-19	201.130 Assembly: 2 Senate: 2 Congress: 2 1 Location(s)
5 03-But-191 0.0/11.3 2297 0319000059 4H830	In and near Paradise, on various routes and locations. Fire damage repairs; fencing, guardrail and sign replacement, remove trees and debris, rock scaling, provide traffic control, and place erosion control.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$30 \$4,000 \$100 <u>\$20,000</u> \$24,130	18-19 18-19 18-19 18-19 18-19	201.130 Assembly: 3 Senate: 4 Congress: 1 5 Location(s)

List of New 2018 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.	
<i>Major Damage Restoration, continued</i>						
6 03-Pla-65 R13.0/R13.1 4902 0318000332 4H560	In Lincoln, at South Ingram Slough Bridge No. 19 -0188L/R. Repair slopes and abutment erosion damage by placing Rock Slope Protection (RSP) and other erosion control measures.	19-20	PA&ED	\$220	18-19	201.131
			PS&E	\$280	19-20	Assembly: 6
			R/W Sup	\$15	19-20	Senate: 1
			Con Sup	\$210	19-20	Congress: 4
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$1,000</u>	19-20	1 Location(s)
			Total	\$1,725		
PA&ED: 10/23/2019 R/W: 4/9/2020 RTL: 4/30/2020 BC: 9/10/2020						
(Concurrent COS allocation under Resolution FP-18-53.)						
7 03-Sac-160 L7.0 5874 0319000074 4H900	Near Rio Vista, at Three Mile Slough Bridge No. 24 -0121. Repair mechanical components of bridge.	18-19	PA&ED	\$0		201.130
			PS&E	\$0		Assembly: 11
			R/W Sup	\$0		Senate: 3
			Con Sup	\$200	18-19	Congress: 3
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$500</u>	18-19	1 Location(s)
			Total	\$700		
8 05-Mon-1 35.7/35.9 2905 0518000220 1K540	Near Big Sur, at Julia Pfeiffer Burns State Park. Repair slip out.	18-19	PA&ED	\$0		201.130
			PS&E	\$85	18-19	Assembly: 30
			R/W Sup	\$15	18-19	Senate: 17
			Con Sup	\$200	18-19	Congress: 20
			R/W Cap	\$10	18-19	
			<u>Const Cap</u>	<u>\$600</u>	18-19	1 Location(s)
			Total	\$910		
9 06-Tul-99 41.1/48.8 6993 0619000081 0Y680	Near Goshen, from 2.1 miles north of Route 198 to 0.1 mile north of Merritt Drive. Remove and replace failed pavement.	18-19	PA&ED	\$0		201.130
			PS&E	\$0		Assembly: 26
			R/W Sup	\$0		Senate: 14
			Con Sup	\$300	18-19	Congress: 22
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$900</u>	18-19	1 Location(s)
			Total	\$1,200		

List of New 2018 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.	
<i>Major Damage Restoration, continued</i>						
10 07-LA-1 40.7/59.9 5476 0719000134 1XK30	In and near Malibu, from Route 27 to Route 23. Fire damage repairs; guardrail and sign replacement, remove debris, regrade slopes, and clean drainage systems.	18-19	PA&ED	\$0	201.130 Assembly: 50 Senate: 27 Congress: 33 1 Location(s)	
			PS&E	\$0		
			R/W Sup	\$50		18-19
			Con Sup	\$1,400		18-19
			R/W Cap	\$100		18-19
			<u>Const Cap</u>	<u>\$5,500</u>		18-19
Total	\$7,050					
11 07-LA-23 0.0/8.4 5474 0719000131 1XK10	In and near Malibu, from Route 1 to 0.1 mile south of Country Ranch Road; also on Route 1 from Route 23 to Deer Creek Road (PM LA-59.9/Ven-2.6). Fire damage repairs; guardrail and sign replacement, remove debris, regrade slopes, and clean drainage systems.	18-19	PA&ED	\$0	201.130 Assembly: 44, 50 Senate: 27 Congress: 26, 33 2 Location(s)	
			PS&E	\$0		
			R/W Sup	\$100		18-19
			Con Sup	\$1,500		18-19
			R/W Cap	\$100		18-19
			<u>Const Cap</u>	<u>\$5,200</u>		18-19
Total	\$6,900					
12 07-LA-91 R7.2/R10.7 5478 0719000148 1XK50	In and near Compton, from Avalon Undercrossing to Santa Fe Avenue. Repair eroded slopes, fence, irrigation line, and pavement.	18-19	PA&ED	\$0	201.130 Assembly: 64 Senate: 35 Congress: 44 4 Location(s)	
			PS&E	\$0		
			R/W Sup	\$10		18-19
			Con Sup	\$110		18-19
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$550</u>		18-19
Total	\$670					
13 07-LA-101 27.3/36.2 5473 0719000125 1XK00	In the city of Los Angeles, from Valley Circle to Reyes Adobe Road. Fire damage repairs; fencing, guardrail and sign replacement, remove trees and debris, and place erosion control.	18-19	PA&ED	\$0	201.130 Assembly: 45, 50 Senate: 27 Congress: 33 1 Location(s)	
			PS&E	\$0		
			R/W Sup	\$50		18-19
			Con Sup	\$1,550		18-19
			R/W Cap	\$50		18-19
			<u>Const Cap</u>	<u>\$6,500</u>		18-19
Total	\$8,150					

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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.
<i>Major Damage Restoration, continued</i>						
14 07-LA-110 23.1 5485 0718000272 35330	In the city of Los Angeles, at Third Street Overcrossing Bridge No. 53-0684. Replace bridge railing with concrete barriers and upgrade lighting. PA&ED: 10/2/2019 R/W: 10/3/2021 RTL: 11/3/2021 BC: 10/30/2022	21-22	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$822 \$2,085 \$12 \$1,630 \$18 <u>\$4,547</u> \$9,114	18-19 19-20 19-20 21-22 19-20 21-22	201.131 Assembly: 51,53 Senate: 24 Congress: 34 1 Location(s)
(Concurrent COS allocation under Resolution FP-18-53.)						
15 07-LA-405 19.0/19.2 5477 0719000143 1XK40	In Hawthorne, at Rosecrans Avenue. Repair broken irrigation line, eroded slope, damaged pavement, fencing, and place erosion control.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$5 \$80 \$0 <u>\$317</u> \$402	18-19 18-19 18-19	201.130 Assembly: 62 Senate: 35 Congress: 43 1 Location(s)
16 07-Ven-101 8.9/9.8 5475 0719000135 1XK20	In and near Thousand Oaks, from 1.0 mile north of Wendy Drive to 1.0 mile south of Camarillo Springs Road. Fire damage repairs; fencing, guardrail and sign replacement, remove debris and loose rocks, and clean drainage systems.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$25 \$500 \$25 <u>\$1,435</u> \$1,985	18-19 18-19 18-19 18-19	201.130 Assembly: 44 Senate: 27 Congress: 26 1 Location(s)
Collision Reduction						
17 02-Sha-299 44.3/44.9 3742 0219000027 4H930	Near Redding, from 1.9 miles west to 1.3 miles west of Du Bois Road. Curve improvement. PA&ED: 12/15/2020 R/W: 12/15/2021 RTL: 2/9/2022 BC: 6/7/2022	21-22	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,310 \$1,290 \$280 \$1,990 \$230 <u>\$6,835</u> \$11,935	18-19 20-21 20-21 21-22 20-21 21-22	201.010 Assembly: 1 Senate: 1 Congress: 1 38 Collision(s) reduced
(Concurrent COS allocation under Resolution FP-18-53.)						

List of New 2018 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.
<i>Collision Reduction, continued</i>						
18 03-Pla-65 R7.8/R12.0 4901 0318000331 4H550	In Placer, Sacramento, and Nevada Counties on Routes 5, 51, 65, and 174 at various locations. Apply High Friction Surface Treatment (HFST) and Open Graded Asphalt Concrete (OGAC) at various ramp locations.	19-20	PA&ED	\$200	18-19	201.010
			PS&E	\$290	19-20	Assembly: 1, 6, 7
			R/W Sup	\$35	19-20	Senate: 1, 4, 6
			Con Sup	\$320	19-20	Congress: 1, 4, 6
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$2,300</u>	19-20	153 Collision(s) reduced
			Total	\$3,145		
			PA&ED:	9/23/2019		
			R/W:	2/17/2020		
			RTL:	3/2/2020		
BC:	8/3/2020					
(Concurrent COS allocation under Resolution FP-18-53.)						
19 04-CC-4 R1.0/R9.0 1454F 0417000161 3K440	In and near Martinez, from East Hercules Underpass to west of Pine Street/Center Avenue. Install safety lighting and apply High Friction Surface Treatment (HFST).	21-22	PA&ED	\$920	18-19	201.010
			PS&E	\$1,300	20-21	Assembly: 14, 15
			R/W Sup	\$41	20-21	Senate: 3, 7
			Con Sup	\$1,579	21-22	Congress: 5, 11
			R/W Cap	\$5	21-22	
			<u>Const Cap</u>	<u>\$7,870</u>	21-22	68 Collision(s) reduced
			Total	\$11,715		
			PA&ED:	10/1/2020		
			R/W:	5/2/2022		
			RTL:	6/1/2022		
BC:	3/1/2023					
(Concurrent COS allocation under Resolution FP-18-53.)						
20 05-SLO-101 38.5/39.4 2765 0518000035 1J710	Near Santa Margarita, from north of Route 58 to 2.9 miles south of Santa Barbara Road. Super elevation corrections, Open Graded Asphalt Concrete (OGAC) overlay and replace guardrail.	20-21	PA&ED	\$0		201.010
			PS&E	\$968	18-19	Assembly: 35
			R/W Sup	\$27	18-19	Senate: 17
			Con Sup	\$866	20-21	Congress: 24
			R/W Cap	\$3	20-21	
			<u>Const Cap</u>	<u>\$3,504</u>	20-21	67 Collision(s) reduced
			Total	\$5,368		
			PA&ED:	1/31/2019		
			R/W:	4/1/2020		
			RTL:	7/8/2020		
BC:	10/5/2020					
(Concurrent COS allocation under Resolution FP-18-53.)						

List of New 2018 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.
<i>Collision Reduction, continued</i>						
21 10-Ama-88 6.2 3418 1018000075 1J050	Near lone, at Buena Vista Road. Improve safety by constructing a roundabout. PA&ED: 11/16/2020 R/W: 5/24/2022 RTL: 6/24/2022 BC: 12/30/2022	21-22	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,390 \$1,679 \$491 \$1,503 \$1,022 <u>\$6,067</u> \$12,152	18-19 20-21 20-21 21-22 21-22 21-22	201.010 Assembly: 5 Senate: 14 Congress: 4 34 Collision(s) reduced
(Concurrent COS allocation under Resolution FP-18-53.)						
22 12-Ora-22 R10.7/R12.7 2970A 1216000129 0Q320	In the cities of Orange and Santa Ana, from 0.2 mile east of Route 5 to 0.2 mile west of Tustin Avenue. Replace median barrier, add safety lighting and improve drainage. PA&ED: 5/1/2020 R/W: 10/1/2021 RTL: 12/1/2021 BC: 9/1/2022	21-22	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$814 \$1,396 \$2 \$2,437 \$0 <u>\$6,500</u> \$11,149	18-19 19-20 19-20 21-22 21-22	201.010 Assembly: 68, 69 Senate: 34, 37 Congress: 46 120 Collision(s) reduced
(Concurrent COS allocation under Resolution FP-18-53.)						

Tab 62 - YELLOW REPLACEMENT ITEM

List of New 2018 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 12-Ora-73 12.9/R26.8 4080 1218000079 0R340	In Laguna Hills, Laguna Niguel, Aliso Viejo, Laguna Beach, Irvine, Newport Beach, and Costa Mesa from Moulton Parkway to Bristol Street. Rehabilitate bridge decks, bridge joints and approach slabs to preserve service life on ten bridges.	21-22	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$494 \$1,294 \$0 \$1,007 \$5 <u>\$3,094</u> \$5,894	18-19 19-20 21-22 21-22 21-22	201.110 Assembly: 73, 74 Senate: 36, 37 Congress: 45, 48
	PA&ED: 4/2/2020 R/W: 7/1/2021 RTL: 8/2/2021 BC: 3/2/2022					

(Concurrent COS allocation under Resolution FP-18 -53.)

Performance Measure: Bridges (10 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	242,986.0	242,986.0
Post Condition	Square feet	242,986.0	0.0	0.0	242,986.0

Roadway Preservation

2 12-Ora-Var 3959 1218000117 0R560	In the cities of Santa Ana, Tustin, Irvine, Newport Beach, Costa Mesa, and Anaheim on various routes. Rehabilitate pavement by repairing broken concrete slabs and replacing asphalt concrete with Rubberized Hot Mix Asphalt (RHMA-G) at 17 connectors, one ramp and one overcrossing.	21-22	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$3,000 \$5,400 \$0 \$5,500 \$0 <u>\$26,500</u> \$40,400	18-19 20-21 21-22 21-22	201.121 Assembly: 68, 69, 74 Senate: 37, 46, 48 Congress: 45, 46, 48
	PA&ED: 8/1/2020 R/W: 4/1/2022 RTL: 5/1/2022 BC: 11/1/2022					

(Concurrent COS allocation under Resolution FP-18 -53.)

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	19.4	0.0	19.4
Post Condition	Lane mile(s)	19.4	0.0	0.0	19.4

Tab 62 - YELLOW REPLACEMENT ITEM

List of New 2018 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

FY

Project Costs
(\$1,000)

Program Code
Leg./Congress. Dists.
Perf. Meas.

Roadway Preservation

1 06-Tul-216 0.0/R2.9 6696 0618000012 0W900	In and near Visalia, from Route 198 to east of Sol Road. Rehabilitate roadway by replacing distressed asphalt, provide non-motorized transportation facilities and bring Americans with Disabilities Act (ADA) facilities to current standards. (Long Lead Project)	22-23	PA&ED * PS&E * R/W Sup * Con Sup * R/W Cap * <u>Const Cap</u> Total	\$2,500 \$1,900 \$200 \$2,800 \$1,500 <u>\$16,900</u> \$25,800	18-19 21-22 21-22 22-23 21-22 22-23	201.120 Assembly: 26 Senate: 16 Congress: 22
	PA&ED: 6/2/2021 R/W: 1/3/2023 RTL: 1/10/2023 BC: 10/9/2023					

(Concurrent COS allocation under Resolution FP-18-53.)

* Phase NOT Authorized.

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	4.5	0.9	5.4
Post Condition	Lane mile(s)	5.4	0.0	0.0	5.4

List of New 2018 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)

Mobility								
2	In Stockton, from Route 5 to Route 99. Install ramp meters, traffic monitoring systems, Closed Circuit Television (CCTV), and synchronize intersection signals with ramp metering. (Long Lead Project)	21-22	PA&ED	\$2,177	Prior	\$2,177	Prior	
10-SJ-4		22-23	* PS&E	\$2,697	49-20	\$6,057	20-21	
R16.0/R19.4		201.315	* R/W Sup	\$667	49-20	\$695	20-21	
3274			* Con Sup	\$4,220	21-22	\$9,438	22-23	
1016000077			* R/W Cap	\$1,269	49-20	\$1,332	22-23	
1F180			* <u>Const Cap</u>	\$17,513	21-22	\$39,097	22-23	
			Total	\$28,543			\$58,796	
	<u>Performance Measure</u>							
	8 Field element(s)							
	14 Field Element(s)							

* Phase NOT Authorized.

Note: Delay in delivery year to address additional needs, causing the project to be delivered in the next SHOPP cycle, making it a Long Lead project.

Performance Measure: TMS Elements				
		Good	Poor	
	<u>Unit</u>	(Operational)	(Not Operational)	<u>Quantity</u>
Existing Condition	Field element(s)	0.0%	0.0%	0.0
Post Condition	Field element(s)	100.0%	0.0%	14.0

Tab 62 - YELLOW REPLACEMENT ITEM

List of 2018 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-254 6.8/42.1 2524 0119000032 40951	Near Miranda, from 2.3 miles south of Miranda Post Office to 0.9 mile south of Bear Creek Bridge. Environmental mitigation for culvert rehabilitation project EA 40950. <u>Performance Measure</u> 0 Culvert(s)	18-19 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total		\$0 \$0 \$0 \$130 \$0 <u>\$51</u> \$181	18-19 <u>18-19</u>

Note: Split off environmental mitigation work for EA 40950/PPNO 01-2270 under EA 40951/PPNO 01-2524.

Performance Measure: Culverts (0 each)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet	0.0	0.0	0.0	0.0
Post Condition	Linear feet	0.0	0.0	0.0	0.0

2 02-Tri-36 R34.7/R35.3 3653 0216000093 2H050	Near Platina, from 3.7 miles to 3.0 miles west of Hayfork Creek Bridge. Curve improvement. <u>Performance Measure</u> 12 Collision(s) reduced	19-20 201.010	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$760 \$1,130 \$130 \$1,680 \$52 \$5,280 \$9,032	Prior Prior Prior 19-20 19-20 19-20	\$760 \$1,130 \$130 \$1,680 \$52 <u>\$6,135</u> \$9,887	Prior Prior Prior 19-20 19-20 19-20
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Note: Construction capital increased due to a refined estimate to reflect current bid prices, and also due to the discovery of naturally occurring asbestos that increased the cost of roadway excavation.

**List of 2018 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code		Project Costs (\$1,000)			
3 04-Son-121 3.4/6.5 0738 0400020007 0G680	Near Schellville, from north of Tolay Creek Bridge to south of Yellow Creek Bridge. Widen for standard shoulders, upgrade curves to standard, extend two-way left turn lane , and install rumble strips.	19-20 201.010	PA&ED	\$2,500	Prior	\$2,500	Prior
			PS&E	\$3,750	18-19	\$3,750	18-19
			R/W Sup	\$1,800	Prior	\$1,800	Prior
			Con Sup	\$4,200	19-20	\$5,000	19-20
			R/W Cap	\$6,264	19-20	\$7,892	19-20
			<u>Const Cap</u>	<u>\$25,000</u>	19-20	<u>\$30,089</u>	19-20
			Total	\$43,514		\$51,031	
	<u>Performance Measure</u> 13 Collision(s) reduced 23 Collision(s) Reduced						

(Concurrent SB 1 Baseline Agreement approval under Resolution SHOPP-P-1819-11B; March 2019.)

(Concurrent COS allocation under Resolution FP-18-53.)

Note: Widen shoulders to 8 feet to reduce road departure incidents between PM 6.1 to PM 6.5. Also, extend the 2-way left turn lane one mile south to provide driveway access. Construction support and capital are increasing due to this additional work, and R/W capital increase is due to additional parcel needs. Added work results in an increased performance measure.

4 07-LA-210 R33.7/R39.8 4705 0714000033 30170	In the cities of Monrovia, Duarte, Irwindale and Azusa, from Myrtle Avenue to Azusa Avenue. Stabilize soil and erosion control.	21-22 201.335	PA&ED	\$144	Prior	\$144	Prior
			PS&E	\$1,175	Prior	\$1,175	Prior
			R/W Sup	\$30	Prior	\$30	Prior
			Con Sup	\$1,054	19-20	\$1,144	21-22
			R/W Cap	\$30	19-20	\$88	21-22
			<u>Const Cap</u>	<u>\$3,662</u>	19-20	<u>\$3,976</u>	21-22
			Total	\$6,095		\$6,557	

Note: This project is being delayed to avoid conflicts with other projects that would have destroyed some of this project's planned work. The proposed construction cost increases are due to anticipated cost inflation due to the schedule delay. The R/W cost increase is due to utility potholing and subsequent utility relocation.

**List of 2018 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 08-SBd-15 R20.6/R20.9 3006U 0817000032 1H390	Near Hesperia, from 0.6 mile north of Cleghorn Road Undercrossing to 0.5 mile south of Route 138 at the southbound Cajon Truck Facility-; also from 0.5 mile south of Cajon Summit to 1.8 miles south of Oak Hill Road (PM R25.5L/R26.8L) Overcrossing. Reconstruct southbound truck scale that was destroyed by the Blue Cut Fire. Construct new southbound weigh station and truck safety inspection facility at Cajon Pass and perform demo work at previous location, which was destroyed by the Blue Cut Fire.	20-21 21-22 201.131	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$286 \$488 \$20 \$550 \$10 \$2,146 \$3,500	Prior 20-21 20-21 20-21 20-21 20-21	\$286 \$2,400 \$110 \$3,300 \$20 \$11,010 \$17,126	Prior 20-21 20-21 21-22 21-22 21-22

Performance Measure

1 Location(s)

Note: Rather than rebuild at the original site, a new location at an existing truck safety inspection area is proposed to allow for higher weigh station volumes, as well as to provide expanded truck safety inspections. The new location will require higher support and capital costs due to an expanded site design, and will cause the delivery schedule to move one fiscal year.

6 08-SBd-40 R125.0/R154.6 3003J 0815000201 0R142	In and near Needles, from 4.5 miles east of Homer Wash to Arizona State line. Regrade and flatten median cross slope. <u>Performance Measure</u> 88 Collision(s) reduced 192 Collision(s) reduced	19-20 201.015	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$2,900 \$2,300 \$200 \$2,800 \$5,006 \$19,134 \$32,340	Prior 18-19 18-19 19-20 19-20 19-20 19-20	\$2,900 \$2,300 \$200 \$2,800 \$5,006 \$23,648 \$36,854	Prior 18-19 18-19 19-20 19-20 19-20
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(Concurrent SB 1 Baseline Agreement approval under Resolution SHOPP-P-1819-11B; March 2019.)

(Concurrent COS allocation under Resolution FP-18-53.)

Note: The construction capital cost increase is due to the item costs in the PID being underestimated. The performance measure is being updated to current performance calculation criteria.

**List of 2018 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 10-Mer-5 0.4/0.8 0.5/0.8 3215 1016000046 1C790	Near Los Banos and Firebaugh, at the John "Chuck" Erreca Safety Roadside Rest Area (SRRA). Upgrade Rehabilitate northbound and southbound SRRA facilities. <u>Performance Measure</u> 2 Location(s)	21-22	PA&ED	\$925	Prior	\$925	Prior
		20-21	PS&E	\$2,970	Prior	\$2,970	Prior
		201.250	R/W Sup	\$10	19-20	\$10	19-20
			Con Sup	\$3,150	21-22	\$3,150	20-21
			R/W Cap	\$5	19-20	\$5	19-20
			<u>Const Cap</u>	\$16,700	21-22	\$23,913	20-21
			Total	\$23,760		\$30,973	

(Concurrent SB 1 Baseline Agreement approval under Resolution SHOPP-P-1819-11B; March 2019.)

Note: Advance construction year to coordinate construction activities with SHOPP project EA 0W620/PPNO 10-3008. Increase construction capital costs based on updated pavement, concrete, water and waste water estimates. Update project post mile limits and project description for the approved project scope.

8 10-Mer-99 R12.6/17.7 R12.6/17.8 3089 1014000144 1C170	In and near the city of Merced, from south of Childs Avenue to south of Franklin Road. Roadway rehabilitation. (G13 Contingency) <u>Performance Measure</u> 19.6 Lane mile(s)	19-20	PA&ED	\$1,600	Prior	\$1,600	Prior
		201.122	PS&E	\$3,700	Prior	\$3,700	Prior
			R/W Sup	\$122	Prior	\$122	Prior
			* Con Sup	\$10,400	19-20	\$10,400	19-20
			R/W Cap	\$95	19-20	\$95	19-20
			* <u>Const Cap</u>	\$50,000	19-20	\$50,000	19-20
			Total	\$65,917		\$65,917	

* Phase NOT Authorized.

Note: Update post mile limits to encompass location of a Changeable Message Sign (CMS).

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	11.5	8.1	19.6
Post Condition	Lane mile(s)		19.6	0.0	0.0	19.6

9 10-Mpa-140 21.2/21.4 3151 1013000240 0Y590	In the Mariposa community, from 3rd Street to 7th street. Upgrade pedestrian facilities to make compliant with the Americans with Disabilities Act (ADA) Standards. <u>Performance Measure</u> 8 Curb ramp(s)	21-22	PA&ED	\$739	Prior		
		201.361	PS&E	\$626	19-20		
			R/W Sup	\$453	19-20		
			Con Sup	\$592	21-22		
			R/W Cap	\$55	19-20		
			<u>Const Cap</u>	\$1,326	21-22		
			Total	\$3,791			

Note: Delete project. Scope of work has been added to EA 0Y600/PPNO 10-3131.

**List of 2018 SHOPP Amendments
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
10 10-Mpa-140 21.2/21.8 3131 1013000244 0Y600	In the community of Mariposa, from Route 49 to 12th Street. Improve pedestrian access facilities to reduce collision severity and to make compliant with the Americans with Disabilities Act (ADA) Standards.	19-20 201.015	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$296 \$628 \$411 \$390 \$159 <u>\$1,550</u> \$3,434	Prior Prior Prior 19-20 19-20 19-20	\$296 \$628 \$411 \$600 \$33 <u>\$1,949</u> \$3,917	Prior Prior Prior 19-20 19-20 19-20
	<u>Performance Measure</u> 24 Collision(s) reduced 13 Collision(s) reduced						

Note: Update project description and increase construction cost estimate with the addition of curb ramp work previously programmed in EA 0Y590/PPNO 10-3151. Revised performance measure with updated methodology.

11 10-SJ-99 17.2 3148 1013000265 0X310	In Stockton, at Route 4/99 Separation (Farmington Road Overcrossing) Bridge No. 29-0155. Replace structure to provide standard vertical clearance.	19-20 201.322	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$673 \$2,092 \$147 \$1,984 \$298 <u>\$5,776</u> \$10,970	Prior Prior Prior 19-20 19-20 19-20	\$673 \$2,092 \$147 \$1,984 \$298 <u>\$7,298</u> \$12,492	Prior Prior Prior 19-20 19-20 19-20
	<u>Performance Measure</u> 1 Bridge(s)						

Note: Update construction capital estimate to reflect current unit prices, longer piles and bigger footings needed, and additional architectural features to be consistent with the Route 99 corridor.

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	7,567.0	7,567.0
Post Condition	Square feet	7,567.0	0.0	0.0	7,567.0

List of 2018 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
12	In Tracy, from Byron Road Undercrossing to Paradise Road Overcrossing. Install ramp meters and other Intelligent Transportation System (ITS) Transportation Management System (TMS) elements.	20-21	PA&ED	\$1,057	Prior	\$1,057	Prior
10-SJ-205		21-22	PS&E	\$3,500	Prior	\$3,500	Prior
R4.5/R9.0		201.315	R/W Sup	\$979	Prior	\$979	Prior
3146			Con Sup	\$2,834	20-21	\$5,600	21-22
1014000146			R/W Cap	\$4,830	20-21	\$3,260	21-22
1C330			<u>Const Cap</u>	<u>\$13,257</u>	20-21	\$26,632	21-22
			Total	\$26,454		\$41,028	
	Performance Measure 14 Field element(s) 28 Field element(s)						

Note: During the PA&ED phase, a traffic operational analysis identified that wider onramps are needed to store vehicles queuing at proposed ramp meters. Ramp widening requires structure widening and new retaining and sound walls at higher costs not previously scoped in the project. The project performance measure is corrected with revised calculation methodology.

Performance Measure: TMS Elements		Good	Poor	
	<u>Unit</u>	(Operational)	(Not Operational)	<u>Quantity</u>
Existing Condition	Field element(s)	0.0%	0.0%	0.0
Post Condition	Field element(s)	100.0%	0.0%	28.0

List of 2018 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 10-Sta-99 R13.8/R17.6 R13.9/R17.6 3189 101600027 0X670	In and near Modesto, at various locations from 0.4 mile south of South Modesto Undercrossing to Woodland Avenue. Pave areas behind the gore and at slopes, upgrade guardrail and place vegetative control and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker safety.	19-20 201.235	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$330 \$1,232 \$0 \$673 \$8 <u>\$3,692</u> \$5,935	Prior Prior 19-20 18-19 19-20	\$330 \$1,232 \$0 \$673 \$8 <u>\$3,692</u> \$5,935	Prior Prior 19-20 18-19 19-20

Performance Measure

~~31 Location(s)~~
29 Location(s)

Note: Refined project description and post mile limits, updated performance measure metrics due to location error and elimination of another location due to overlap with project EA 40350/PPNO 10-0944M.

14 11-Imp-78 72.1/73.8 1283 1115000052 42050 4306U	In Imperial County, from 0.4 mile east of Mitchell Camp Road to 1.6 miles west of Stallard Road at various locations. Culvert replacement. <u>Performance Measure</u> 6 Culvert(s) 10 Culvert(s)	19-20 201.151	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$177 \$409 \$0 \$204 \$0 \$687 \$1,474	Prior Prior 19-20 19-20 19-20	\$177 \$409 \$0 \$391 \$0 \$1,816 \$2,793	Prior Prior 19-20 19-20 19-20
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Note: Project EA 42050/PPNO 11-1283 is combined with similar scope EA 42060/PPNO 11-0602 under EA 4306U/PPNO 11-1283 to enable efficiencies in project development and construction costs. Construction capital is increasing because of a change in strategy from slip lining to full culvert replacement, due to conditions identified during field investigations.

Performance Measure: Culverts (10 each)					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet	0.0	409.0	748.0	1,157.0
Post Condition	Linear feet	1,157.0	0.0	0.0	1,157.0

**List of 2018 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 11-SD-5 0.4/72.4 1237 1116000097 42550	In San Diego County, at various locations on various routes. Replace aging roadside sign panels with retroreflective sheeting. <u>Performance Measure</u> 936 Sign(s) 3,772 Sign(s)	19-20 201.170	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$355 \$0 \$325 \$0 <u>\$1,962</u> \$2,642	Prior 19-20 19-20	\$0 \$355 \$0 \$550 \$0 <u>\$2,462</u> \$3,367	Prior 19-20 19-20

Note: The support and capital construction cost increase is due to the large number of small single post signs within the limits of the project. A recent field study revealed more signs in need of replacement than previously estimated.

16 11-SD-Var 1127 1114000056 41810	In San Diego County, on Routes 5, 15, 75 and 163 at various locations. Construct and upgrade curb ramps, driveways and sidewalks to comply with Americans with Disabilities Act (ADA) Standards. <u>Performance Measure</u> 408 Curb ramp(s) 72 Curb ramp(s)	19-20 201.361	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$881 \$2,425 \$101 \$1,658 \$110 <u>\$2,766</u> \$7,944	Prior Prior 18-19 19-20 19-20 19-20	\$881 \$2,425 \$101 \$1,300 \$110 <u>\$3,552</u> \$8,369	Prior Prior 18-19 19-20 19-20 19-20
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(Concurrent COS allocation under Resolution FP-18-53.)

Note: There is a reduction of 36 curb ramps because some have been upgraded by other projects, and others were found to be in compliance with design standards. After further evaluation, construction capital cost increased because the current total cost of each curb ramp is approximately double of the original estimate. Construction support is reduced because there are fewer curb ramps.

**List of 2018 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 12-Ora-74 11.5/16.6 4218 1215000024 0P030	In the Cleveland National Forest, from 0.9 mile west of San Juan Fire Station to the Riverside County line. Super elevation corrections, shoulder widening, Open Graded Asphalt Concrete (OGAC) overlay and apply High Friction Surface Treatment (HFST).	19-20 201.010	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$2,965 \$4,826 \$1,018 \$7,206 \$719 <u>\$35,611</u> \$52,345	Prior 18-19 18-19 19-20 19-20 19-20 19-20	\$2,965 \$4,826 \$1,018 \$7,206 \$719 <u>\$35,611</u> \$52,345	Prior 18-19 18-19 19-20 19-20 19-20 19-20
	<u>Performance Measure</u> 460 Collision(s) reduced 167 Collision(s) reduced						

(Concurrent SB 1 Baseline Agreement approval under Resolution SHOPP-P-1819-11B; March 2019.)

(Concurrent COS allocation under Resolution FP-18 -53.)

Note: Technical correction to performance to correct error reported at the January 2017 CTC meeting.

Tab 62 - YELLOW REPLACEMENT ITEM

List of 2018 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 44-imp-115 10-9/14-4 0602 4415000053 42060	In Imperial County, from Mets Road to Blodgett Road. Culvert replacement. <u>Performance Measure</u> 4 Culvert(s)	19-20 201-151	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$165 \$371 \$0 \$190 \$0 <u>\$419</u> \$1,145	Prior Prior 19-20 19-20

Note: Project EA 42050/PPNO 11-1283 is combined with similar scope EA 42060/PPNO 11-0602 under EA 4306U/PPNO 11-1283 to enable efficiencies in project development and construction costs. Construction capital is increasing because of a change in strategy from slip lining to full culvert replacement, due to conditions identified during field investigations.

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