State of California
DEPARTMENT OF TRANSPORTATION

California State Transportation Agency

TAB 57

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: October 21-22, 2015

Reference No.: 2.1a.(1)
Action Item

PASSED BY CTC OCT 22 2015 CALIFORNIA TRANSPORTATION COMMISSION

From: NORMA ORTEGA
Chief Financial Officer

Prepared by: Bruce De Terra, Chief
Division of
Transportation Programming

Subject: **SHOPP AMENDMENT 14H-492**

RECOMMENDATION:

The California Department of Transportation (Department) recommends the California Transportation Commission (Commission) approve the requested State Highway Operation and Protection Program (SHOPP) Amendment 14H-492; in accordance with Senate Bill 486 which requires the Commission to approve any changes or new projects amended into the State Highway Operation and Protection Program (SHOPP).

ISSUE:

Since the August 2015 report to the Commission, the Department recommends 58 new capital projects to be amended into the 2014 SHOPP, as summarized in Attachment 1. The amendments noted below would be funded from the Major Damage Restoration, Safety Improvement, and 2014 SHOPP programming capacity.

2014 SHOPP Summary of New Projects by Category	No.	FY 2014/15 ($1,000)	FY 2015/16 ($1,000)	FY 2016/17 ($1,000)	FY 2017/18 ($1,000)
Major Damage Restoration	47		$91,506		$1,035
Collision Reduction	10		$4,207	$8,397	$34,003
Facilities	1		$2,300		
Total Amendments	58		$98,013	$8,397	$35,038

The Department also recommends that the capital projects, as summarized in Attachment 2, and Long Lead projects, as summarized in Attachment 3, be amended into the 2014 SHOPP.

BACKGROUND:

In each even numbered year, the Department prepares a four-year SHOPP which defines major capital improvements necessary to preserve and protect the State Highway System. Periodically, the Department amends the SHOPP to address newly identified needs prior to the next programming cycle. Between programming cycles, the Department updates scope, schedule and cost to effectively deliver projects.

Resolution G-13, established in June 2000, provides the Department with 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.

Senate Bill 486, approved by Governor September 30, 2014, requires Commission approval of projects amended into the SHOPP.

Attachments

List of New 2014 SHOPP Capital Project Amendments

PPNO	Dist-Co-Rte PM EA Project ID	Project Location and Description of Work	R/W Cost Const. Cost ($1,000)	FY	Support Costs ($1,000)		Program Code Leg. /Congr. Dists. Perf. Meas.
Major Damage Restoration							
3612	2-Sis-5 2.7/R11.4 1H430 02 1600 0011	In and near Dunsmuir and Mount Shasta City, from Sacramento River Bridge and Overhead to 0.3 mile north of Lassen Lane. Remove and replace defective asphalt.	$1,060 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $300 $300	201.130 Assembly: 2 Senate: 4 Congress: 4 1 Location
3628	2-Sis-5 Var 1H960 02 1600 0037	In Siskiyou, Shasta, and Tehama Counties, on Route 5 at various locations. Drought conservation improvements.	$464 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $100 $100	201.130 Assembly: 2 Senate: 4 Congress: 2 14 Locations
2289	3-But-70 16.1 1H210 03 1600 0069	In Oroville, at north of Nelson Avenue; also in Sacramento County on Route 5 near Elk Grove at Laguna Boulevard (PM 12.1). Drought conservation improvements.	$286 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$5 $0 $0 $50 $55	201.130 Assembly: 3 Senate: 1 Congress: 4 2 Locations
2434	3-But-99 R33.8/R35.3 0H940 03 1600 0036	In Chico, from 0.05 mile south of Lindo Channel Bridge to E Lassen Avenue. Drought conservation improvements.	$810 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$15 $10 $0 $90 $115	201.130 Assembly: 3 Senate: 4 Congress: 2 1 Location
6410	3-Nev-20 R14.3/R15.0 0H950 03 1600 0037	In Nevada, Sacramento and Placer Counties, on Routes 20, 5, 50, 51, 80, and 99 at various locations. Drought conservation improvements.	$1,616 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$15 $10 $0 $90 $115	201.130 Assembly: 3 Senate: 4 Congress: 4 11 Locations
1491F	4-Ala-880 27.2 4J220 04 1500 0289	In Oakland, at East Creek Slough Bridge No. 33-0143. Repair scour of the bridge channel side slopes.	$500 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $150 $150	201.130 Assembly: 16 Senate: 9 Congress: 9 1 Location
1488Q	4-Nap-121 14.8 3J740 04 1500 0191	Near Napa, at 1.5 miles south of Wooden Valley Road. Install rock bolts and flexible cable mesh to mitigate rockfall. PAED: 02/01/2017 R/W: 09/01/2017 RTL: 09/01/2017 CCA: 08/01/2018	$144 (R/W) $891 (C)	17/18	PA & ED PS & E RW Sup Con Sup Total	$400 $360 $85 $190 $1,035	201.131 Assembly: 4 Senate: 3 Congress: 5 1 Location

PPNO	Dist-Co-Rte PM EA Project ID	Project Location and Description of Work	R/W Cost Const. Cost ($1,000)	FY	Support Costs ($1,000)		Program Code Leg. /Congr. Dists. Perf. Meas.
Major Damage Restoration (cont.)							
1490G	4-SM-101 3.0 4J430 04 1500 0347	In Menlo Park, at the Henderson Pump House. Reconstruct drainage systems and repair pump station.	$1,550 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $340 $340	201.130 Assembly: 21 Senate: 11 Congress: 14 1 Location
1491N	4-SM-280 R12.7 0K050 04 1600 0031	Near Hillsborough, at San Mateo Creek Bridge. Replace damaged downdrain pipe drainage system and repair slope erosion.	$40 (R/W) $850 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $100 $20 $250 $370	201.130 Assembly: 19 Senate: 8 Congress: 12, 14 1 Location
1489R	4-SCl-280 20.5 4J270 04 1500 0313	Near Palo Alto, at 0.1 mile south of Alpine Road. Repair sinkhole and deteriorated culvert.	$1,700 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $425 $425	201.130 Assembly: 21 Senate: 11 Congress: 14 1 Location
1491M	4-Son-1 45.4 0K170 04 1600 0057	Near Stewarts Point, at 2.7 miles south of Stewarts Point-Skaggs Springs Road. Reconstruct failed culvert.	$10 (R/W) $700 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $210 $210	201.130 Assembly: 1 Senate: 2 Congress: 6 1 Location
1491H	4-Son-101 3.7 4J720 04 1500 0407	In Petaluma, at Route 101S/116 Separation and Overhead Bridge No. 20-0284L. Reconstruct joint seal assemblies, replace joint seal glands, and repair abutment wall spalls.	$500 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $150 $150	201.130 Assembly: 6 Senate: 3 Congress: 6 1 Location
2619	5-Mon-68 1.2 1G830 05 1500 0110	In Pacific Grove, at David Avenue. Reconstruct failed retaining wall.	$20 (R/W) $350 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$11 $53 $7 $140 $209.2	201.130 Assembly: 27 Senate: 15 Congress: 17 1 Location
2615	5-SB-101 10.8/22.5 1G790 05 1500 0106	In and near the cities of Santa Barbara and Goleta from south of Cabrillo Boulevard to north of Fairview Avenue at various locations; also on Route 154 from Foothill Boulevard to Route 101 (PM R31.3/32.28). Drought conservation improvements.	$500 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$15 $30 $5 $100 $150	201.130 Assembly: 35 Senate: 19 Congress: 23 22 Locations

PPNO	Dist-Co-Rte PM EA Project ID	Project Location and Description of Work	R/W Cost Const. Cost ($1,000)	FY	Support Costs ($1,000)		Program Code Leg. /Congr. Dists. Perf. Meas.
Major Damage Restoration (cont.)							
2617	5-SB-101 18.9/25.8 1G810 05 1500 0108	In and near Goleta, from El Sueno Road to 1.0 mile north of Storke Road/Glen Annie Road. Drought conservation improvements.	$2,500 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$25 $100 $5 $200 $330	201.130 Assembly: 35 Senate: 19 Congress: 23 1 Location
2616	5-SCr-1 R7.8/9.5 1G800 05 1500 0107	In and near the cities of Santa Cruz and Scotts Valley on Routes 1 and 17 at various locations; also in Monterey County on Route 101 in Salinas (PM 85.7/R89.8). Drought conservation improvements.	$600 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$20 $30 $5 $150 $205	201.130 Assembly: 27 Senate: 11, 15 Congress: 17 16 Locations
6777	6-Fre-41 R20.7/T32.5 0U360 06 1600 0014	In the city of Fresno, from south of Jensen Avenue to north of Audubon Drive at various locations. Drought conservation improvements.	$4,300 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $50 $0 $400 $450	201.130 Assembly: 29, 31 Senate: 14, 16 Congress: 19, 20, 21 4 Locations
6774	6-Fre-99 R0.0/30.5 0U690 06 1600 0020	In and near the cities of Kingsburg, Selma, Fowler and Fresno, from Tulare County line to Madera County line at various locations; also in and near the city of Madera, from Fresno County line to north of Avenue 17 (PM 0.0/R14.4) at various locations. Drought conservation improvements.	$3,200 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $50 $0 $400 $450	201.130 Assembly: 30, 31 Senate: 14, 16 Congress: 19, 20, 21 5 Locations
6778	6-Fre-168 R0.7/R9.1 0U330 06 1600 0016	In and near the cities of Fresno and Clovis, from Route 180 to Temperance Avenue at various locations; also on Route 180 from Marks Avenue to Temperance Avenue at various locations (PM R54.4/R65.6). Drought conservation improvements.	$4,900 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $50 $0 $400 $450	201.130 Assembly: 29, 31 Senate: 14, 16 Congress: 20, 21 8 Locations
6761	6-Fre-168 R7.1/R9.1 0U320 06 1600 0015	In Clovis, from Clovis Avenue to Temperance Avenue. Drought conservation improvements.	$2,400 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $50 $0 $200 $250	201.130 Assembly: 29 Senate: 14 Congress: 21 4 Locations

PPNO	Dist-Co-Rte PM EA Project ID	Project Location and Description of Work	R/W Cost Const. Cost ($1,000)	FY	Support Costs ($1,000)		Program Code Leg. /Congr. Dists. Perf. Meas.
Major Damage Restoration (cont.)							
6775	6-Ker-99 19.7/57.5 0U600 06 1600 0022	In and near Bakersfield, McFarland and Delano, from Panama Lane to Avenue O at various locations; also on Route 178, from Route 204 to Oswell Street (PM R2.0/R5.9) at various locations. Drought conservation improvements.	$2,800 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $50 $0 $300 $350	201.130 Assembly: 30, 32, 34 Senate: 16, 18 Congress: 20, 21, 22 2 Locations
6776	6-Tul-99 5.1/R53.9 0U590 06 1600 0021	In and near the cities of Tulare and Visalia, from Avenue 40 to Fresno County line at various locations; also on Route 198 in and near Visalia (PM 0.0/R13.8) and in Kings County in and near Lemoore and Hanford (PM 8.6/28.3) at various locations. Drought conservation improvements.	$2,400 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $50 $0 $300 $350	201.130 Assembly: 30, 31, 32 Senate: 14, 16, 18 Congress: 21 8 Locations
4826	7-LA-2 14.2/R23.4 4X510 07 1500 0322	In the cities of Los Angeles, Glendale and La Canada Flintridge, from 0.9 mile south of Route 5 to 0.5 mile north of Route 210 at various locations. Drought conservation improvements.	$2,500 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $500 $500	201.130 Assembly: 43, 44, 45 Senate: 21, 22 Congress: 26, 29, 31 18 Locations
4940	7-LA-2 64.0/82.2 4X670 07 1600 0032	Near Big Pines and Wrightwood, from Route 39 to San Bernardino County line at various locations. Remove storm debris, repair washouts and damaged drainage systems.	$400 (R/W) $1,000 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $40 $250 $290	201.130 Assembly: 36, 59 Senate: 29 Congress: 25, 26 1 Location
4929	7-LA-5 9.5 4X640 07 1600 0010	In Commerce, at Rio Hondo Bridge No. 53-0639. Repair fire damaged bridge, fiber optics, and adjacent facilities.	$3,000 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $450 $450	201.130 Assembly: 58 Senate: 27 Congress: 34 1 Location
4938	7-LA-10 S0.1/31.2 4X650 07 1600 0018	In various cities, from Route 101 to Route 605 at various locations. Drought conservation improvements.	$1,300 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $260 $260	201.130 Assembly: 45, 46, 49, 57 Senate: 21, 22, 24 Congress: 29, 34, 36 29 Locations

PPNO	Dist-Co-Rte PM EA Project ID	Project Location and Description of Work	R/W Cost Const. Cost ($1,000)	FY	Support Costs ($1,000)		Program Code Leg. /Congr. Dists. Perf. Meas.
Major Damage Restoration (cont.)							
4926	7-LA-57 R1.7/6.2 4X610 07 1500 0341	In Diamond Bar and Pomona, from 0.3 mile south of Diamond Bar Boulevard to Temple Avenue; also on Route 10, from Route 71 to Fairplex Drive (PM 43.0/43.7). Drought conservation improvements.	$2,300 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $460 $460	201.130 Assembly: 60 Senate: 29 Congress: 42 9 Locations
4943	7-LA-60 R2.6/R6.3 4X700 07 1600 0036	In and near Monterey Park and Montebello, from Sunol Drive to Markland Drive at various locations. Drought conservation improvements.	$1,200 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $240 $240	201.130 Assembly: 49, 58 Senate: 24, 30 Congress: 24, 30 10 Locations
4942	7-LA-91 R12.4/R16.6 4X690 07 1600 0035	In Long Beach and Bellflower, from east of Los Angeles River Bridge to San Gabriel River Bridge at various locations. Drought conservation improvements.	$2,000 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $400 $400	201.130 Assembly: 48, 50, 52 Senate: 27, 28 Congress: 34, 37, 39 6 Locations
4946	7-LA-101 1.4/6.7 4X730 07 1600 0039	In the city of Los Angeles, from 0.1 mile north of Grand Avenue to 0.1 mile north of Hollywood Boulevard at various locations. Drought conservation improvements.	$1,200 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $240 $240	201.130 Assembly: 45, 46 Senate: 22, 26 Congress: 31, 32, 34 6 Locations
4829	7-LA-101 9.2/38.1 4X540 07 1500 0326	In and near the cities of Los Angeles, Calabasas, Agora Hills and Westlake Village, from Barham Boulevard to Ventura County line at various locations. Drought conservation improvements.	$3,000 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $600 $600	201.130 Assembly: 37, 41, 42 Senate: 19, 23, 26 Congress: 24, 27, 28, 30 36 Locations
4925	7-LA-105 R1.7/R14.1 4X600 07 1500 0340	In and near the cities of Los Angeles, Hawthorne, Lynwood and Paramount, from 0.2 mile east of Aviation Boulevard to Garfield Avenue. Drought conservation improvements.	$2,100 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $420 $420	201.130 Assembly: 48, 50, 51, 52, 53 Senate: 25, 27, 28 Congress: 35, 36, 37, 39 24 Locations

PPNO	Dist-Co-Rte PM EA Project ID	Project Location and Description of Work	R/W Cost Const. Cost ($1,000)	FY	Support Costs ($1,000)		Program Code Leg. /Congr. Dists. Perf. Meas.
Major Damage Restoration (cont.)							
4941	7-LA-105 R14.1/R18.1 4X680 07 1600 0034	In Paramount, Downey, Lynwood and Norwalk, from Garfield Avenue to Studebaker Road at various locations. Drought conservation improvements.	$1,500 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $300 $300	201.130 Assembly: 50, 52 Senate: 27 Congress: 34, 39 8 Locations
4939	7-LA-110 R1.2/21.4 4X660 07 1600 0019	In and near the city of Los Angeles, from Route 47 to Route 10 at various locations. Drought conservation improvements.	$2,600 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $520 $520	201.130 Assembly: 46, 48, 51, 52, 55 Senate: 22, 25, 26, 28 Congress: 31, 35, 36, 37 40 Locations
4921	7-LA-118 R4.6/R13.7 4X560 07 1500 0328	In the city of Los Angeles, from Tampa Avenue to Route 210 at various locations. Drought conservation improvements.	$2,200 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $440 $440	201.130 Assembly: 38, 39 Senate: 17, 20 Congress: 27, 28 26 Locations
4928	7-LA-210 R22.4/R24.8 4X630 07 1500 0343	In Pasadena, from Arroyo Boulevard/Windsor Avenue to Route 134 at various locations; also on Route 134 (PM R13.3) and Route 710 (PM R32.3/R32.6) at various locations. Drought conservation improvements.	$3,000 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $600 $600	201.130 Assembly: 44 Senate: 21 Congress: 29 12 Locations
4922	7-LA-405 0.1/7.9 4X570 07 1500 0329	In Long Beach and Signal Hill, from San Gabriel River Bridge to Los Angeles River Bridge. Drought conservation improvements.	$2,100 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $420 $420	201.130 Assembly: 54, 55 Senate: 25, 27, 28 Congress: 37, 46 15 Locations
4924	7-LA-405 12.8/29.9 4X590 07 1500 0331	In various cities, from Route 10 to Exposition Boulevard at various locations; also on Route 90 at various locations (PM1.7,T3.2). Drought conservation improvements.	$3,000 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $600 $600	201.130 Assembly: 47, 51, 53, 55 Senate: 25, 26, 28 Congress: 33, 35, 36, 37 42 Locations

PPNO	Dist-Co-Rte PM EA Project ID	Project Location and Description of Work	R/W Cost Const. Cost ($1,000)	FY	Support Costs ($1,000)		Program Code Leg. /Congr. Dists. Perf. Meas.
Major Damage Restoration (cont.)							
4927	7-LA-405 39.0/44.7 4X620 07 1500 0342	In the city of Los Angeles, from Ventura Boulevard to Nordhoff Street at various locations. Drought conservation improvements.	$1,300 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $260 $260	201.130 Assembly: 39, 40, 41, 42 Senate: 20, 21, 23 Congress: 27, 28 11 Locations
4945	7-LA-605 R0.0/21.3 4X720 07 1600 0038	In various cities, from Orange County line to 0.2 mile north of Ramona Boulevard at various locations. Drought conservation improvements.	$2,400 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $480 $480	201.130 Assembly: 50, 54, 56, 57, 58 Senate: 24, 27, 30, 35 Congress: 32, 34, 38, 39, 46 26 Locations
4944	7-LA-710 9.8/T27.4 4X710 07 1600 0037	In various cities from Carson Street to Valley Boulevard at various locations. Drought conservation improvements.	$2,400 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $480 $480	201.130 Assembly: 49, 50, 52, 54, 55, 58 Senate: 27, 28 Congress: 22, 24, 26, 30 22 Locations
3004J	8-Riv-10 R57.6/R127.0 1G510 08 1600 0015	Near Desert Center, from Route 86 to Arco Ditch Bridge at various locations. Repair storm damage erosion at four bridges, build a freeway cross-over, and demolish failed Tex Wash Bridge No. 56-0576R.	$150 (R/W) $4,850 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$75 $340 $10 $410 $835	201.130 Assembly: 64, 80 Senate: 37, 40 Congress: 45 5 Locations
3004N	8-Riv-10 R57.6/R127.0 1G511 08 1600 0022	Near Desert Center, from Route 86 to Arco Ditch Bridge at various locations. Replace storm damaged Tex Wash Bridge No. 56-0576R.	$75 (R/W) $8,000 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$60 $500 $10 $600 $1,170	201.130 Assembly: 64, 80 Senate: 37, 40 Congress: 45 1 Location
3154	10-Mer-99 Var 1F130 10 1500 0186	In Merced County on Route 99 at various locations. Drought conservation improvements.	$975 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $160 $160	201.130 Assembly: 17 Senate: 12 Congress: 18 4 Locations

PPNO	Dist-Co-Rte PM EA Project ID	Project Location and Description of Work	R/W Cost Const. Cost ($1,000)	FY	Support Costs ($1,000)		Program Code Leg. /Congr. Dists. Perf. Meas.
Major Damage Restoration (cont.)							
3153	10-SJ-5 Var 1F020 10 1500 0185	In San Joaquin County on Routes 5 and 99 at various locations. Drought conservation improvements.	$1,840 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $250 $250	201.130 Assembly: 10, 15, 17, 26 Senate: 5, 12, 14 Congress: 3, 11, 18 7 Locations
0560	11-Imp-78 75.0 42340 11 1600 0025	Near Palo Verde, south of Stallard Road. Repair roadway storm damage.	$600 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$0 $0 $0 $150 $150	201.130 Assembly: 80 Senate: 40 Congress: 51 1 Location
2863C	12-Ora-5 43.6 0P740 12 1600 0009	In Buena Park, at the Beach Boulevard Pump Plant. Replace 3 damaged pumps.	$460 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$10 $15 $0 $95 $120	201.130 Assembly: 56 Senate: 34 Congress: 47 1 Location
Collision Reduction							
2409	1-Hum-36 36.6/39.9 0E930 01 1500 0047	Near Dinsmore, from west of Burr Valley Road to west of Buck Mountain Road. Widen to make lane and shoulder widths standard, realign curves, and improve roadway cross-slope. PAED: 10/01/2015 R/W: 07/01/2016 RTL: 07/15/2016 CCA: 12/01/2018	$231 (R/W) $7,441 (C)	16/17	PA & ED PS & E RW Sup Con Sup Total	$90 $75 $150 $40 $355	201.010 Assembly: 1 Senate: 2 Congress: 1 54 Collisions reduced
3101	1-Lak-29 34.2/R34.5 0E640 01 1400 0116	Near Kelseyville, from 0.1 mile south to 0.1 mile north of Cruickshank Road. Widen for left- turn channelization safety improvements. PAED: 07/15/2016 R/W: 07/01/2017 RTL: 08/01/2017 CCA: 01/01/2019	$7 (R/W) $1,050 (C)	17/18	PA & ED PS & E RW Sup Con Sup Total	$410 $375 $30 $390 $1,205	201. 010 Assembly: 1 Senate: 2 Congress: 1 27 Collisions reduced

PPNO	Dist-Co-Rte PM EA Project ID	Project Location and Description of Work	R/W Cost Const. Cost ($1,000)	FY	Support Costs ($1,000)		Program Code Leg. /Congr. Dists. Perf. Meas.
Collision Reduction (cont.)							
3594	2-Las-139 6.3/7.2 0H630 02 1500 0063	Near Susanville, from 1.0 to 0.1 mile south of Antelope Radio Street. Curve improvement. PAED: 02/16/2017 R/W: 02/16/2018 RTL: 03/02/2018 CCA: 11/16/2020	$14 (R/W) $3,548 (C)	17/18	PA & ED PS & E RW Sup Con Sup Total	$450 $620 $200 $660 $1,930	201.010 Assembly: 1 Senate: 1 Congress: 1 20 Collisions reduced
0820K	4-Mrn-101 4.7/5.6 4H980 04 1300 0351	Near Mill Valley, from Redwood Highway Frontage Road to Route 131 (Tiburon Boulevard). Install concrete barrier. PAED: 04/15/2017 R/W: 05/15/2018 RTL: 06/15/2018 CCA: 08/15/2019	$30 (R/W) $5,514 (C)	17/18	PA & ED PS & E RW Sup Con Sup Total	$1,198 $1,392 $155 $1,120 $3,865	201. 010 Assembly: 6 Senate: 3 Congress: 6 8.5 Collisions reduced
1489C	4-SM-Var Var 3J900 04 1500 0222	On Routes 92, 101 and 280 in Daly City, San Bruno and San Mateo at four locations. Wet pavement conditions safety improvements. PAED: 07/17/2017 R/W: 05/18/2018 RTL: 05/29/2018 CCA: 05/03/2019	$25 (R/W) $3,970 (C)	17/18	PA & ED PS & E RW Sup Con Sup Total	$596 $500 $10 $580 $1,686	201. 010 Assembly: 19, 22 Senate: 8, 11 Congress: 14, 18 188 Collisions reduced
3157	10-Sta-99 R18.0/R19.7 0W280 10 1400 0159	In Modesto, from north of West Modesto Overhead to south of Beckwith Road. Construct acceleration and deceleration lanes at southbound ramps to improve safety. PAED: 09/01/2015 R/W: 04/01/2016 RTL: 05/01/2016 CCA: 12/01/2017	$7 (R/W) $4,200 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$645 $181 $29 $424 $1,279	201.010 Assembly: 26 Senate: 12 Congress: 18 202 Collisions reduced

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Collision Reduction (cont.)							
3114	10-Tuo-108 L0.0/L0.3 1C540 10 1500 0029	Near Yosemite Junction and Jamestown, from Route 120 to 0.3 mile east of Route 120; also on Route 120 from 0.5 mile east of Obyrnes Ferry Road to 0.1 mile south of Route 108 (PM 11.9/12.2). Upgrade stop-controlled intersection. PAED: 04/05/2017 R/W: 06/11/2018 RTL: 06/29/2018 CCA: 03/05/2020	$113 (R/W) $4,090 (C)	17/18	PA & ED PS & E RW Sup Con Sup Total	$629 $832 $177 $831 $2,469	201. 010 Assembly: 5 Senate: 8 Congress: 4 18 Collisions Reduced
2442	12-Ora-1 24.3 0P020 12 1500 0023	In Huntington Beach, at Huntington Street. Modify traffic signal and add additional lighting. PAED: 03/01/16 R/W: 04/01/17 RTL: 05/01/17 CCA: 04/15/18	$98 (R/W) $627 (C)	16/17	PA & ED PS & E RW Sup Con Sup Total	$190 $330 $200 $280 $1,000	201.010 Assembly: 72 Senate: 34 Congress: 48 20 Collisions reduced
2941	12-Ora-22 R3.9/R10.8 0M900 12 1300 0017	In the cities of Garden Grove, Orange and Santa Ana, from Route 39 (Beach Boulevard) to Route 5. Modify ramps and add auxiliary lane. PAED: 03/15/17 R/W: 05/15/18 RTL: 06/15/18 CCA: 10/15/20	$20 (R/W) $10,522 (C)	17/18	PA & ED PS & E RW Sup Con Sup Total	$950 $2,000 $200 $2,100 $5,250	201.010 Assembly: 69 Senate: 34 Congress: 48 1125 Collisions reduced
4793	12-Ora-133 3.1/3.6 0N060 12 1300 0097	In Laguna Beach, from 1700 feet south to 1300 feet north of El Toro Road. Extend lanes in both directions. PAED: 02/01/17 R/W: 04/30/18 RTL: 05/31/18 CCA: 09/01/20	$1,230 (R/W) $3,870 (C)	17/18	PA & ED PS & E RW Sup Con Sup Total	$1,215 $1,820 $550 $1,306 $4,891	201.010 Assembly: 74 Senate: 37 Congress: 48 65 Collisions reduced

PPNO	Dist-Co-Rte PM EA Project ID	Project Location and Description of Work	R/W Cost Const. Cost ($1,000)	FY	Support Costs ($1,000)		Program Code Leg. /Congr. Dists. Perf. Meas.
Facilities							
6550	9-Mno-395 34.1 35610 09 1200 0044	In Mono County, at the Crestview Maintenance Station (L5705). Construct new bay truck shed and facilities for maintenance personnel. PAED: 09/25/2015 R/W: 01/28/2016 RTL: 03/11/2016 CCA: 09/01/2017	$2,300 (C)	15/16	PA & ED PS & E RW Sup Con Sup Total	$60 $662 $1 $882 $1,605	201.352 Assembly: 5 Senate: 8 Congress: 8 1 Location

List of Capital Project Amendments

Dist	County	Route	Post Miles	Location/Description	PPNO	EA	EFIS#	Prog.	RW	Const	FY	Support			Comments
~~01~~	~~Humboldt~~	~~299~~	~~R5.7/38.6~~	~~Near Blue Lake, from 0.2 mile east of Blue Lake to 0.2 mile west of Route 96 Junction. Grind-in shoulder rumble strips~~	~~2292~~	~~49830~~	~~0100000693~~	~~201.015~~	~~25~~	~~21,050~~	~~15/16~~	~~PA&ED~~ ~~PS&E~~ ~~RW~~ ~~Const~~	~~2,107~~ ~~1,536~~ ~~54~~ ~~3,582~~	~~2,107~~ ~~1,536~~ ~~54~~ ~~3,582~~	Delete project
02	Shasta	5	0.0/67.0	In and near Redding, from the Tehama County Line to the Siskiyou County Line. Improve roadside clear recovery zone.	3506	4F510	0213000001	201.015	780	5,600	17/18	PA&ED PS&E RW Const	~~500~~ ~~725~~ ~~75~~ ~~700~~	**1,300** **900** **800** **1,300**	Update cost
02	Trinity	~~299~~ **3**	~~Var~~ **30.9/40.2**	~~In Trinity County, on Route 299 at postmile 37.0/43.0 and postmile 69.0/72.2; also on Route 3 at postmile 30.9/40.2. Repair/replace culverts.~~ In and near Weaverville, from Route 299 to 0.8 mile north of Rush Creek Campground Road. Storm water improvements.	3536	4G250	0213000094	201.335	126	1,800	17/18	PA&ED PS&E RW Const	580 420 110 ~~650~~	580 420 110 **788**	Update route, post miles, location/ description and cost
03	Butte	32	9.1/R9.2	In Chico, at Ivy Street. Install traffic signals.	2110	4F260	0314000091	201.010	~~36~~ **10**	~~1,559~~ **2,000**	16/17	PA&ED PS&E RW Const	200 ~~360~~ 200 ~~500~~	200 **430** 200 **600**	Update cost
03	Nevada	174	~~3.0/3.9~~ **2.7/4.6**	Near Rollins Lake, from ~~Mosswood Lane to south of Dalmatian Drive~~ **Maple Way to You Bet Road.** Realign roadway curves.	4451	4F370	0314000152	201.010	~~786~~ **2,156**	~~6,927~~ **17,000**	17/18	PA&ED PS&E RW Const	~~875~~ ~~1,160~~ ~~1,015~~ ~~1,790~~	**1,700** **2,100** **2,300** **3,200**	Update post miles, location/ description and cost
03	Sacramento	5	16.1/26.7	In Sacramento, from Pocket Road Overcrossing to Route 5/80 Separation. Install fiber optic cable. (G13 Contingency Project)	5846	4F450	0314000164	201.315	600	0	16/17	PA&ED PS&E RW Const	~~500~~ 900 ~~400~~ 0	**540** 900 **440** 0	Update cost

Dist	County	Route	Post Miles	Location/Description	PPNO	EA	EFIS#	Prog	RW	Const	FY	Support			Comments
03	Yolo	16	20.5/31.6	Near Cadenasso, from 0.4 mile west of County Road 79 to 0.4 mile east of County Road 79; also from Esparto to 0.2 mile west of Route 505. Shoulder widening, curve correction, left-turn channelization, signalization and two-way left-turn lanes.	8655A	0C472	0314000272	201.010	7,989	19,390	16/17	PA&ED PS&E RW Const	0 ~~2,327~~ ~~2,200~~ ~~4,254~~	0 **2,570** **2,500** **4,850**	Update cost
03	Yolo	16	23.2/23.5	Near Capay, from 0.3 mile west of County Road 82B to County Road 82B. Shoulder widening, curve correction.	8655	0C471	0314000271	201.010	1,916	1,491	15/16	PA&ED PS&E RW Const	8,857 5,606 3,114 ~~1,063~~	8,857 5,606 3,114 **1,240**	Update cost
03	Yuba	20	18.2/20.2	Near Smartsville, from east of the Yuba River Bridge to 0.1 mile east of Smartsville Road. Realign and widen roadway.	9590	3F510	0313000020	201.015	7,490	28,932	17/18	PA&ED PS&E RW Const	~~3,500~~ ~~2,900~~ ~~850~~ ~~4,000~~	**3,800** **3,500** **1,000** **4,960**	Update cost
03	Yuba	20	20.1/21.6	Near Lake Wildwood, from 0.4 mile east of McGanney Lane to Yuba/Nevada County line; also in Nevada County, from Yuba/Nevada County line to Mooney Flat Road. Shoulder widening and curve improvements.	9588	2F590	0300020624	201.015	2,190	15,300	17/18	PA&ED PS&E RW Const	~~1,387~~ ~~1,137~~ ~~1,571~~ ~~2,904~~	**1,570** **1,320** **1,620** **3,370**	Update cost

Dist	County	Route	Post Miles	Location/Description	PPNO	EA	EFIS#	Prog	RW	Const	FY	Support			Comments
04	Alameda	80		Near Oakland, at the San Francisco Oakland Bay Bridge Toll Plaza Building. Reconstruct maintenance facilities.	0064Q	01411	0414000436	201.352	~~370~~ **20**	~~12,100~~ **12,450**	~~14/15~~ **16/17**	PA&ED PS&E RW Const	~~926~~ ~~3,000~~ 15 3,000	**0** **1,500** 15 3,000	Update cost and schedule
04	Contra Costa	4	0.0/T31.5	Near Concord, on Route 4 from Route 80 to Route 160; also on Route 24 east of Caldecott Tunnel to Route 680. Place vegetation control, Maintenance Vehicle Pullout (MVP) and pave beyond gore.	0481D	4G980	0413000122	201.235	5	~~2,925~~ **4,925**	16/17	PA&ED PS&E RW Const	330 ~~450~~ 90 700	330 **860** 90 700	Update cost
04	~~Contra Costa~~	~~80~~	~~8.7~~	~~In Pinole, east of Pinole Valley Road. Place drainage system and rock slope protection (RSP).~~	~~0482R~~	~~0J370~~	~~0413000461~~	~~201.131~~	~~30~~	~~375~~	~~17/18~~	PA&ED PS&E RW Const	~~186~~ ~~106~~ ~~150~~ ~~142~~		Delete project
04	Marin	1	3.1/50.5	In Marin County, near Tamalpais-Homestead Valley, from 0.2 mile west of Erica Road to Valley Ford Road; also in Napa County, on Route 29, from PM 48.0 to PM 48.6. Install centerline rumble strips.	0487P	4H870	0413000295	201.010	5	5,061	16/17	PA&ED PS&E RW Const	~~700~~ 1,000 50 1,300	**1,000** 1,000 50 1,300	Update cost
04	Marin	1	6.6	Near Muir Beach, 0.3 mile north of Seacape Drive. Construct tie-back wall. **(G13 Contingency Project)**	0713F	3S900	0400001043	201.131	~~225~~ **285**	~~5,860~~ **0**	~~15/16~~ **16/17**	PA&ED PS&E RW Const	0 ~~2,700~~ ~~150~~ ~~1,000~~	0 **3,500** **434** **0**	Switch to Contingency - Update cost and schedule
04	Marin	1	7.7/7.8	Near Muir Beach, 0.2 mile north of Cold Stream Fire Road. Construct tie-back wall. **(G13 Contingency Project)**	0713G	3S910	0400001044	201.131	157	~~6,174~~ **0**	~~15/16~~ **16/17**	PA&ED PS&E RW Const	168 ~~1,918~~ ~~150~~ ~~1,000~~	168 **2,700** **284** **0**	Switch to Contingency - Update cost and schedule
04	Marin	1	8.1	Near Muir Beach, at Cold Stream Road. Construct retaining wall. **(G13 Contingency Project)**	0308J	4S660	0400001256	201.131	100	~~2,200~~ **0**	~~15/16~~ **16/17**	PA&ED PS&E RW Const	~~850~~ 600 ~~100~~ ~~515~~	**1,311** 600 **128** **0**	Switch to Contingency - Update cost and schedule

Dist	County	Route	Post Miles	Location/Description	PPNO	EA	EFIS#	Prog	RW	Const	FY	Support			Comments
04	San Francisco	35	2.1/3.1	**In the City and County of San Francisco, from 36th Avenue to 21st Avenue at various locations. Install pedestrian crosswalk safety enhancements.**	0158K	4H753	0416000121	201.015	25	1,700	15/16	PA&ED PS&E RW Const	130 310 40 200	130 310 40 200	Split from PPNO: 0158G and combine with PPNO: 0639A for construction
~~04~~	San Francisco	Var		In San Francisco County, on Routes 35 and 82 at various locations; also in Santa Clara County, on Routes 82, 130, and 152 at various locations. Install pedestrian crosswalk~~ regulatory signs and warning signs~~ **safety enhancements.**	0158G	~~4H750~~ 4H751	~~0413000259~~ 0416000119	201.015	~~40~~ 80	~~5,773~~ 4,650	16/17	PA&ED PS&E RW Const	~~572~~ ~~811~~ ~~48~~ ~~716~~	416 1,250 130 1,100	Split into PPNO: 0158H and PPNO: 0158K
04	San Mateo	280	9.4	Near Belmont, at 1.4 miles south of Route 92. Repair pipe system and backfill sinkhole environmental mitigation.	0729R	4G592	0414000367	201.131	~~400~~ 0	~~0~~ 400	~~16/17~~ 15/16	PA&ED PS&E RW Const	0 60 ~~50~~ ~~0~~	0 60 0 10	Update cost and schedule
04	Santa Clara	82	R11.3/13.6	**In the city of Santa Clara, from Harrison Street to Alpine Avenue at various locations. Install pedestrian crosswalk safety enhancements. (Financial Contribution Only)**	0158H	4H752	0416000120	201.015	0	766	16/17	PA&ED PS&E RW Const	104 0 0 0	104 0 0 0	Split from PPNO: 0158G
04	Santa Clara	880	1.3/1.4	In San Jose, on northbound Route 880 off-ramp to westbound Bascom Avenue; also on southbound Route 880 off-ramp to Bascom Avenue. Construct concrete median barriers.	0730C	1G860	0400020618	201.015	~~266~~ 53	~~1,129~~ 1,830	16/17	PA&ED PS&E RW Const	119 ~~143~~ 72 ~~215~~	119 400 72 400	Update cost

Dist	County	Route	Post Miles	Location/Description	PPNO	EA	EFIS#	Prog	RW	Const	FY	Support			Comments
04	Solano	80	~~1.1/38.1~~ **1.1/R25.1**	~~Near Vallejo, on Route 80 between postmile 1.1 and 38.1; on Route 37 at postmile 6.9; also on Route 12 between postmile 7.4 and 19.5. Install roadside safety improvements.~~ **In and near Vallejo, Fairfield and Vacaville, from Route 29 to Alamo Drive; also in Vallejo on Route 37 at Route 80 (PM R11.45). Install roadside safety improvements.**	0481C	4G960	0413000147	201.325	~~5~~ **15**	~~1,965~~ **2,573**	~~17/18~~ **16/17**	PA&ED PS&E RW Const	216 ~~305~~ 54 450	216 **450** 54 450	Update cost and schedule
05	Monterey	101	51.2/61.1	~~In and near Greenfield, from 0.2 mile north of Underwood Road to 0.3 mile north of Salinas River Bridge. Improve roadside clear recovery zone.~~ **In and near Greenfield and near Soledad, from 0.3 mile south of South Greenfield Overcrossing to 0.4 mile north of North Greenfield Overcrossing and from 0.1 mile north of Arroyo Seco Road Overcrossing to Salinas River Bridge. Improve roadside clear recovery zone.**	2470	1E050	053000029	201.015	28	3,114	15/16	PA&ED PS&E RW Const	0 1,429 19 1,244	0 1,429 19 1,244	Update location/ description
05	Monterey	198	22.4/22.8	Near San Lucas, at North Fork Road. Widen and repave roadway to correct cross-slope.	2420	1C660	0512000186	201.010	~~0~~ **56**	~~1,274~~ **1,799**	16/17	PA&ED PS&E RW Const	~~567~~ ~~629~~ ~~37~~ ~~523~~	**650** **681** **42** **574**	Update cost

Dist	County	Route	Post Miles	Location/Description	PPNO	EA	EFIS#	Prog	RW	Const	FY	Support			Comments
05	San Benito	25	~~25.9/26.2~~ **R25.9/R26.2**	~~Near Hollister, from north of Route 146 to north of La Gloria Road. Realign roadway.~~ **Near Hollister, from 0.1 mile south of La Gloria Road to 0.2 mile north of La Gloria Road. Realign roadway.**	2379	1C260	0512000108	201.015	180	1,580	17/18	PA&ED PS&E RW Const	~~864~~ ~~1,004~~ ~~155~~ ~~431~~	**1,044** **1,207** **193** **539**	Update post miles, location/ description and cost
05	San Luis Obispo	1	64.0/R66.9	Near San Simeon, from Piedras Blancas Lighthouse Road to Arroyo De La Cruz Bridge. On-site landscape mitigation for PPNO 4928A.	4928Z	49282	0515000030	201.150	0	3,843	17/18	PA&ED PS&E RW Const	0 ~~975~~ 57 ~~1,059~~	0 **1,013** 57 **1,376**	Update cost
05	San Luis Obispo	1	R67.2	Near San Simeon, north of the Arroyo De La Cruz Bridge. Off-site landscape mitigation for PPNO 4928A.	4928Y	49281	0515000029	201.150	0	7,086	16/17	PA&ED PS&E RW Const	0 ~~1,053~~ ~~54~~ ~~1,645~~	0 **1,199** **56** **1,816**	Update cost
05	San Luis Obispo	41	~~19.7/R41.2~~ **19.7/R42.2**	Near Atascadero, from 0.3 mile west of Homestead Road to Route 46 at McMillian Canyon Road. Rehabilitate pavement.	2588	1G150	0514000113	201.121	0	17,262	15/16	PA&ED PS&E RW Const	472 1,139 26 1,508	472 1,139 26 1,508	Updated post miles
05	San Luis Obispo	101	16.4	In Pismo Beach, at Pismo Creek Bridge No. 49-0015K. Scour prevention.	2387	1C370	0512000135	201.111	275	2,442	17/18	PA&ED PS&E RW Const	~~732~~ ~~1,035~~ ~~150~~ ~~764~~	**930** **1,116** **185** **846**	Update cost
05	Santa Barbara	101	17.2/45.9	In and near Goleta, at various locations from 0.6 mile north of Las Positas Road to 1.3 mile south of Gaviota Tunnel. Roadside safety improvements.	2456	1C970	0513000020	201.235	10	1,890	16/17	PA&ED PS&E RW Const	~~225~~ 650 12 ~~448~~	**280** 650 12 **550**	Update cost

Dist	County	Route	Post Miles	Location/Description	PPNO	EA	EFIS#	Prog	RW	Const	FY	Support			Comments
05	Santa Barbara	101	~~2.6/4.6~~ **2.6/11.9**	~~In Carpinteria, between Casitas Pass and west of Sandpiper Drive. Rehabilitate roadway.~~ **In the cities of Carpinteria and Santa Barbara, from Casitas Pass Road to north of Cabrillo Boulevard. Rehabilitate roadway. (G13 Contingency Project)**	2426	1C820	0512000236	201.120	4,232	~~19,511~~ **0**	~~17/18~~ **19/20**	PA&ED PS&E RW Const	~~1,429~~ ~~2,840~~ ~~146~~ ~~5,601~~	**9,200** **13,800** **835** **0**	Switch to Contingency; update post miles, location/ description and update cost.
05	Santa Barbara	101	46.9	Near Gaviota, at the Gaviota Safety Roadside Rest Area. Upgrade wastewater system.	2462	1E010	0513000024	201.235	5	2,800	16/17	PA&ED PS&E RW Const	~~200~~ ~~940~~ 10 ~~1000~~	**240** **1,060** 10 **1,180**	Update cost
05	Santa Barbara	217	1.0	Near Goleta, at the San Jose Creek Bridge #51-0217. Replace bridge.	2386	1C360	0512000134	201.110	61	~~15,317~~ **16,887**	~~17/18~~ **19/20**	PA&ED PS&E RW Const	~~1,635~~ ~~3,378~~ 59 ~~2,703~~	**2,195** **3,102** 59 **3,610**	Update cost and schedule
05	Santa Cruz	1	10.2/17.5	Near the City of Santa Cruz, from North Aptos Underpass to Route 9. Rehabilitate pavement.	2432	1C850	0512000240	201.121	0	14,971	17/18	PA&ED PS&E RW Const	147 ~~988~~ ~~100~~ ~~901~~	147 **1,030** **10** **1,082**	Update cost
05	Santa Cruz	17	0.1/0.4	Near the City of Santa Cruz, from southbound exit ramp to Route 1 entrance ramp from Pasatiempo Drive. Widen shoulder and construct retaining wall.	2422	1C670	0512000194	201.010	93	5,713	17/18	PA&ED PS&E RW Const	~~335~~ ~~867~~ ~~189~~ ~~336~~	**1,101** **1,451** **198** **1,413**	Update cost
05	Santa Cruz	152	1.3/R2.0	In Watsonville, from Wagner Avenue to Holohan Road. Construct pedestrian infrastructure.	2464	1E020	0513000025	201.378	195	1,565	17/18	PA&ED PS&E RW Const	494 ~~563~~ 331 ~~345~~	494 **716** 331 **467**	Update cost
07	Los Angeles	5	19.2/28.9	In the cities of Los Angeles, Glendale and Burbank, from Main Street to south of Verdugo Avenue. Pavement rehabilitation.	4775	30800	0714000224	201.121	10	2,100	16/17	PA&ED PS&E RW Const	0 ~~510~~ 34 ~~510~~	0 **1,300** 34 **900**	Update cost

Dist	County	Route	Post Miles	Location/Description	PPNO	EA	EFIS#	Prog	RW	Const	FY	Support			Comments
07	Los Angeles	5	81.8/R87.8	Near Gorman, from Route 138 to south of Frazier Mountain Park Road, at various locations. Install storm water mitigation devices.	4835	31250	0715000065	201.335	18	11,025	17/18	PA&ED PS&E RW Const	~~200~~ ~~1,200~~ 100 1,500	**900** **1,800** 100 1,500	Update cost
07	Los Angeles	5	R75.0/R81.8	Near Gorman, from north of Vista Del Lago Road to Route 138, at various locations. Construct storm water mitigation devices.	4836	31260	0715000067	201.335	68	~~8,940~~ **7,340**	17/18	PA&ED PS&E RW Const	~~250~~ ~~1,100~~ 50 1,100	**950** **2,000** 50 1,100	Update cost
07	Los Angeles	14	~~R32.1/R59.2~~ **33.2/R58.3**	~~In and near Santa Clarita and Palmdale, from Santa Clarita River Bridge to Rayburn Road.~~ **In and near Santa Clarita and Palmdale, from Sand Canyon Road Overcrossing to Avenue S Undercrossing.** Upgrade curb ramps and sidewalks to Americans with Disabilities Act (ADA) standards.	4492	29100	0712000077	201.378	~~0~~ **219**	~~2,258~~ **980**	16/17	PA&ED PS&E RW Const	~~200~~ ~~400~~ ~~0~~ ~~400~~	**144** **1,000** **60** **600**	Update post miles, location/ description and cost
07	Los Angeles	101	0.5/29.3	In the cities of Los Angeles and Calabasas, at various location from Alameda Street to Mureau Road. Mitigate for stormwater quality by installiing best management practices (BMP's) and stabilzing soil erosion.	4676	30040	0713000435	201.335	~~0~~ **50**	~~27,350~~ **24,902**	16/17	PA&ED PS&E RW Const	~~270~~ ~~2,655~~ 20 2,655	**960** **4,363** 20 2,655	Update cost
08	Riverside	60	22.1/26.5	Near Moreno Valley and Beaumont, from Gilman Springs Road to west of Jack Rabbit Trail. Rehabilitate pavement.	0033N	1C090	0812000287	201.121	0	15,000	~~15/16~~ **16/17**	PA&ED PS&E RW Const	0 0 0 0	0 0 0 0	Update schedule and combine with PPNO: 0045G for construction

Dist	County	Route	Post Miles	Location/Description	PPNO	EA	EFIS#	Prog	RW	Const	FY	Support			Comments
08	Riverside	60	22.2/26.5	Near Moreno Valley, from Gilman Springs Road to Jack Rabbit Trail. Construct left and right shoulders for westbound direction.	0045G	0Q180	0800020220	201.010	250	25,000	~~15/16~~ **16/17**	PA&ED PS&E RW Const	2,000 1,500 200 3,700	2,000 1,500 200 3,700	Update schedule and combine with PPNO: 0033N for construction
08	Riverside	60	R6.9/R12.2	In and near the city of Riverside, from west of Valley Way to Routes 60/91/215 Junction. Rehabilitate roadway.	0038K	0Q753	0812000108	201.122	~~50~~ **10**	24,874	17/18	PA&ED PS&E RW Const	215 1,221 ~~144~~ 2,047	215 1,221 **30** 2,047	Update cost
08	Riverside	79	R33.8	Near Beaumont, at Gilman Springs Road southbound off ramp. Install traffic signal and widen intersection.	0065K	1E100	0813000152	201.010	10	~~740~~ **1,160**	15/16	PA&ED PS&E RW Const	319 593 12 403	319 593 12 403	Update cost
08	San Bernardino	10	R23.8	In Colton, between Mt. Vernon Avenue and Routes 10/215 Junction at Santa Ana River (Bridge No. 54-0292 L/R and 54-0292G). Seismic retrofit.	0133N	0Q910	0800020580	201.110	13	23,171	~~16/17~~ **17/18**	PA&ED PS&E RW Const	1,025 3,300 ~~240~~ 3,660	1,025 3,300 **64** 3,660	Update cost and schedule
08	San Bernardino	15	37.8/40.2	In Victorville, from Bear Valley Road to Palmdale Road (Route 18). Install northbound outer separation barrier.	0178R	1E010	0813000117	201.010	10	~~1,032~~ **1,582**	16/17	PA&ED PS&E RW Const	373 1,015 17 976	373 1,015 17 976	Update cost
08	San Bernardino	18	101.5/115.9	In and near Adelanto, from Route 395 to west of Oasis Road. Widen shoulders and add centerline and shoulder rumble strips.	0191G	0P390	0800001025	201.010	~~179~~ **7,248**	25,475	~~15/16~~ **17/18**	PA&ED PS&E RW Const	~~2,168~~ ~~1,788~~ ~~394~~ ~~3,422~~	**3,101** **2,060** **6,599** **4,055**	Update cost and schedule
08	San Bernardino	40	~~R93.6/R94.2~~ **R93.1/R94.2**	Near Essex, at Hoff Wash Bridge (No. 54-0889 L/R), 39 miles west of Junction Route 95. Replace bridges.	0206X	0Q790	0800020481	201.110	10	8,844	15/16	PA&ED PS&E RW Const	860 1,650 92 ~~1,934~~	860 1,650 92 **2,540**	Update post miles and cost

Dist	County	Route	Post Miles	Location/Description	PPNO	EA	EFIS#	Prog	RW	Const	FY	Support			Comments
08	San Bernardino	60	R4.6/R10.0	In Ontario, from Euclid Avenue to the Riverside County line; also in Riverside County from the San Bernardino line to Mission Boulevard (PM R0.0/R3.0). Rehabilitate roadway.	0224N	0Q752	0812000106	201.122	~~90~~ **10**	86,505	17/18	PA&ED PS&E RW Const	~~876~~ 4,816 ~~584~~ 8,325	**1,519** 4,816 **36** 8,325	Update cost
08	San Bernardino	142	~~0/5.7~~ **0/5.8**	In Chino Hills, from Orange County Line to Route 71. Pavement rehabilitation.	0241C	1E850	0814000114	201.121	20	5,528	~~16/17~~ **17/18**	PA&ED PS&E RW Const	356 570 36 587	356 570 36 587	Update post miles and schedule
08	San Bernardino	210	R21.8/R27.3	~~In and near the cities of San Bernardino and Highland, from Route 215 to Victoria Avenue.~~ **In and near the cities of San Bernardino, Highland and Redlands, from Route 215 to Victoria Avenue and from 0.2 mile west of Pioneer Ave Undercrossing to Route 10 (PM R31/R33.2); also on Route 10 from Alabama Street Overcrossing to Colton and New York Avenue Overcrossing (PM 29.3/30.0).** Transportation management systems.	0195M	0E551	0814000085	201.315	10	2,622	~~16/17~~ **15/16**	PA&ED PS&E RW Const	220 337 22 405	220 337 22 405	Update location/ description and schedule
09	Mono	395	93.4/95.7	Near Bridgeport, at and near Route 108. Widen shoulders and install rumble strips.	0615	35780	0913000007	201.015	~~43~~ **44**	~~5,053~~ **5,455**	17/18	PA&ED PS&E RW Const	~~370~~ ~~640~~ ~~160~~ ~~710~~	**270** **800** **190** **1,100**	Update cost

Dist	County	Route	Post Miles	Location/Description	PPNO	EA	EFIS#	Prog	RW	Const	FY	Support			Comments
10	Stanislaus	132	1.1/1.8	Near Modesto, at Kasson Road/River Road. Install traffic signal and widen intersection.	0348	0T780	1000000746	201.010	~~1,072~~ **2,100**	3,264	15/16	PA&ED PS&E RW Const	464 1,190 341 617	464 1,190 341 617	Update cost
12	Orange	1	9.3	In Laguna Beach, at Route 133 (Broadway Street). Replace bridge. Financial Contribution Only (FCO).	2293	0M990	1213000086	201.110	230	1,164	~~16/17~~ **17/18**	PA&ED PS&E RW Const	~~53~~ ~~88~~ ~~18~~ ~~88~~	**62** **103** **21** **103**	Update cost and schedule
12	Orange	39	9.8/10.5	In Stanton, from south of Bever Place to south of Katella Avenue. Rehabilitate drainage system to alleviate flooding.	3184	0H270	1200000211	201.151	~~24~~ **341**	~~2,838~~ **2,709**	16/17	PA&ED PS&E RW Const	233 ~~410~~ ~~8~~ ~~387~~	233 **550** **35** **650**	Update cost
12	Orange	90	0.6/8.0	In La Habra, Fullerton, Brea and Placentia, from Route 39 (Beach Blvd.) to west of Rose Drive. Americans with Disabilities Act (ADA) improvements.	4317	0M910	1213000036	201.378	760	4,472	16/17	PA&ED PS&E RW Const	~~493~~ ~~1,200~~ ~~947~~ ~~1,150~~	**740** **2,605** **2,500** **1,570**	Update cost

List of New Long Lead Project Amendments

PPNO	Dist-Co-Rte PM EA Project ID	Project Location and Description of Work	R/W Cost Const. Cost ($1,000)	FY	Support Costs ($1,000)		Program Code Leg. /Congr. Dists. Perf. Meas.
Long Lead							
3546	2-Sis-3 38.0/38.6 4G440 02 1400 0013	North of Fort Jones, from 0.3 mile south to 0.3 mile north of West Moffett Creek Road at Moffett Creek Bridge No. 02-0042. Bridge replacement. PAED: 09/06/2019 R/W: 07/31/2020 RTL: 08/28/2020 CCA: 01/12/2024	$237 (R/W) $3,920 (C)	20/21	PA & ED PS & E RW Sup Con Sup Total	$1,340 $700 $80 $1,540 $3,660	201. 110 Assembly: 1 Senate: 1 Congress: 1 1 Bridge
6402	3-Sac-51 2.6/3.0 3F070 03 1200 0054	In the city of Sacramento at the American River Bridge No.24-0003. Widen and replace bridge deck. PAED: 08/01/2018 R/W: 02/01/2020 RTL: 05/01/2020 CCA: 10/01/2022	$1,000(R/W) $105,300 (C)	19/20	PA & ED PS & E RW Sup Con Sup Total	$4,340 $10,130 $360 $16,120 $30,950	201.110 Assembly: 7 Senate: 6 Congress: 6 1 Bridge
0730D	4-SM-82 12.9/15.9 1G900 04 0002 0619	In Burlingame, Hillsborough, and Millbrae, from Barroilhet Avenue to Millbrae Avenue. Upgrade curb ramps and sidewalks to ADA standards. PAED: 08/01/2020 R/W: 02/01/2023 RTL: 02/01/2023 CCA: 11/02/2024	$844 (R/W) $9,120 (C)	22/23	PA & ED PS & E RW Sup Con Sup Total	$3,320 $1,200 $700 $1,000 $6,220	201.378 Assembly: 22 Senate: 13 Congress: 14 385 Structures
0480P	4-Sol-12 20.6/26.4 0J630 04 1400 0020	In and near Rio Vista, from Currie Road to Sacramento County line. Roadway rehabilitation. PAED: 10/01/2019 R/W: 02/01/2022 RTL: 02/01/2022 CCA: 08/01/2023	$2,983 (R/W) $73,200 (C)	21/22	PA & ED PS & E RW Sup Con Sup Total	$5,780 $5,780 $2,890 $11,560 $26,010	201.120 Assembly: 11 Senate: 3 Congress: 3 9.7 Lane miles
2524	5-Mon-1 20.9/21.3 1F510 05 1400 0004	Near Lucia from 0.1 mile south to 0.2 mile north of Limekiln Creek Bridge No. 44-0058. Replace bridge. PAED: 12/02/2021 R/W: 03/05/2025 RTL: 04/03/2025 CCA: 12/12/2028	$704 (R/W) $64,644 (C)	24/25	PA & ED PS & E RW Sup Con Sup Total	$3,500 $0 $416 $13,865 $17,781	201. 110 Assembly: 30 Senate: 17 Congress: 20 1 Bridge

PPNO	Dist-Co-Rte PM EA Project ID	Project Location and Description of Work	R/W Cost Const. Cost ($1,000)	FY	Support Costs ($1,000)		Program Code Leg. /Congr. Dists. Perf. Meas.
Long Lead (cont.)							
2563	5-SB-1 M33.1 1F810 05 1400 0063	Near Lompoc, at San Antonio Creek Bridge No. 51-0237 L/R. Bridge scour mitigation PAED: 01/01/2019 R/W: 08/01/2020 RTL: 01/01/2021 CCA: 12/01/2021	$83 (R/W) ~~$930,000~~ (C) $430	~~21/22~~ 20/21	PA & ED PS & E RW Sup Con Sup Total	$688 $0 $0 $0 $688	201. 111 Assembly: 35 Senate: 19 Congress: 24 2 Bridges
2448	5-SB-101 R36.6 1C950 05 1300 0018	Near Goleta at Refugio Road Undercrossing No. 51-0215 L/R. Replace bridges. PAED: 04/03/2020 R/W: 12/21/2022 RTL: 02/21/2023 CCA: 08/13/2026	$20 (R/W) $34,640 (C)	22/23	PA & ED PS & E RW Sup Con Sup Total	$2,200 $0 $100 $0 $2,300	201.110 Assembly: 37 Senate: 19 Congress: 24 2 Bridges
2392	5-SB-154 22.9/23.2 1C420 05 1400 0003	Near Lake Cachuma at Cold Spring Canyon Bridge No.51-0037. Install inspection access system below bridge and paint structure. PAED: 07/15/2019 R/W: 07/15/2020 RTL: 11/16/2020 CCA: 09/15/2022	$12 (R/W) $19,000 (C)	20/21	PA & ED PS & E RW Sup Con Sup Total	$1,100 $0 $5 $0 $1,105	201. 110 Assembly: 37 Senate: 19 Congress: 24 1 Bridge
1065	11-SD-75 R20.5/R22.0 40940 11 1200 0071	In the city of San Diego and Coronado from San Diego-Coronado Bay Bridge to the Route 75/5 Connector Overcrossing. Bridge rehabilitation. PAED: 06/29/2018 R/W: TBD RTL: TBD CCA: TBD	$ TBD (R/W) $ TBD (C)	TBD	PA & ED PS & E RW Sup Con Sup Total	$2,593 $ TBD $ TBD $ TBD $2,593	201. 110 Assembly: 78 Senate: 39 Congress: 52 1 Bridge