

MEMORANDUM

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: August 14-15, 2019

From: STEVEN KECK, Chief Financial Officer

Reference Number: 2.1a.(1), Action Item

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

Subject: **SHOPP AMENDMENT 18H-011**

ISSUE:

Should the California Transportation Commission (Commission) approve the California Department of Transportation's (Department) request to amend the 2018 State Highway Operation and Protection Program (SHOPP) under SHOPP Amendment 18H-011?

RECOMMENDATION:

The Department recommends that the Commission approve SHOPP Amendment 18H-011 that will amend the 2018 SHOPP, in accordance with Senate Bill 486 and the Road Maintenance and Rehabilitation Program component of Senate Bill 1, which require the Commission to approve changes to projects in the SHOPP or to adopt new projects being amended into the SHOPP.

The Department recommends 53 new capital projects be amended into the 2018 SHOPP, as detailed in Attachment 1. These amendments, summarized below, would be funded from the Major Damage Restoration, Collision Reduction and 2018 SHOPP programming capacity. These projects are consistent with the Commission - adopted 2018 Transportation Asset Management Plan (TAMP).

2018 SHOPP Summary of New Projects by Category	No.	FY 2018-19 (\$1,000)	FY 2019-20 (\$1,000)	FY 2020-21 (\$1,000)	FY 2021-22 (\$1,000)
Major Damage Restoration	46	\$125,260	\$1,250	\$58,522	\$81,405
Collision Reduction	7	\$0	\$0	\$2,583	\$50,318
Total New Amendments	53	\$125,260	\$1,250	\$61,105	\$131,723

The Department further recommends that the capital projects, detailed in Attachment 2, and Attachment 3, be amended in the 2018 SHOPP to update scope, schedule, cost and

“Provide a safe, sustainable, integrated and efficient transportation system to enhance California’s economy and livability”

make other technical changes. The amended projects are consistent with the Commission-adopted 2018 TAMP.

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 proposes amendments to the SHOPP to address newly identified needs prior to the next programming cycle. Between programming cycles, the Department updates scope, schedule and cost to effectively deliver projects. Senate Bill 486, approved by the Governor on September 30, 2014, requires Commission approval of projects amended into the SHOPP.

Attachments

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-DN-101 24.9 1135 0119000109 0J840	Near Crescent City, at 0.5 mile north of Sand Mine Road. Repair failed culvert.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$15 \$750 \$25 <u>\$750</u> \$1,540	18-19 18-19 18-19 18-19	201.130 Assembly: 2 Senate: 2 Congress: 2 1 Location(s)
2 01-Hum-36 21.5/28.0 2528 0119000073 0J640	Near Bridgeville, from 0.2 mile east of Golden Gate Drive to 4.1 miles east of Alderpoint Road. Remove slide debris and repair slopes, drainage systems, and roadway.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$10 \$750 \$50 <u>\$2,000</u> \$2,810	18-19 18-19 18-19 18-19	201.130 Assembly: 2 Senate: 2 Congress: 2 1 Location(s)
3 01-Hum-96 27.0/27.4 2489 0117000211 0H191	Near Weitchpec, from 0.6 mile to 0.2 mile west of Bluff Creek Road. Restore roadway and stabilize slope by constructing a retaining wall. PA&ED: 1/18/2021 R/W: 1/18/2022 RTL: 3/18/2022 BC: 7/20/2022	21-22	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,034 \$1,159 \$63 \$1,392 \$61 <u>\$6,197</u> \$9,906	19-20 20-21 20-21 21-22 21-22 21-22	201.131 Assembly: 1 Senate: 2 Congress: 1 1 Location(s)
(Concurrent COS allocation under Resolution FP-19-14.)						
4 01-Hum-101 65.4 2530 0119000077 0J680	Near Loleta, at the Loleta northbound offramp. Repair slide and remove debris.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$10 \$350 \$10 <u>\$925</u> \$1,295	18-19 18-19 18-19 18-19	201.130 Assembly: 2 Senate: 2 Congress: 2 1 Location(s)

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 01-Hum-299 R8.5/R9.0 2531 0119000104 0J800	Near Blue Lake, from 1.4 to 1.9 miles east of Blue Lake Boulevard. Repair roadway settlement.	18-19	PA&ED	\$0	201.130
			PS&E	\$0	Assembly: 2
			R/W Sup	\$15	18-19 Senate: 2
			Con Sup	\$1,500	18-19 Congress: 2
			R/W Cap	\$25	18-19
			<u>Const Cap</u>	<u>\$3,000</u>	18-19 1 Location(s)
			Total	\$4,540	
6 01-Hum-299 R8.7/R9.2 2492 0117000214 0H431	Near Blue Lake, from 1.6 miles to 2.1 miles east of Blue Lake Boulevard; also from 0.1 mile to 0.4 mile east of North Fork Mad River Bridge (PM R11.1/R11.4). Repair and stabilize slopes by constructing retaining walls at two locations.	21-22	PA&ED	\$1,374	19-20 201.131
			PS&E	\$1,578	20-21 Assembly: 1
			R/W Sup	\$68	20-21 Senate: 2
			Con Sup	\$5,435	21-22 Congress: 1
			R/W Cap	\$51	21-22
			<u>Const Cap</u>	<u>\$29,046</u>	21-22 2 Location(s)
			Total	\$37,552	
	PA&ED: 12/1/2020 R/W: 6/1/2021 RTL: 12/1/2021 BC: 5/18/2022				
	(Concurrent COS allocation under Resolution FP-19-14.)				
7 01-Men-1 31.0/38.5 4733 0119000097 0J750	Near Albion, from 11.7 miles north of Mountain View Road to 0.8 mile south of Navarro Bluff Road. Repair embankment, scour, and guardrail, and remove slide debris.	18-19	PA&ED	\$0	201.130
			PS&E	\$0	Assembly: 2
			R/W Sup	\$10	18-19 Senate: 2
			Con Sup	\$550	18-19 Congress: 2
			R/W Cap	\$20	18-19
			<u>Const Cap</u>	<u>\$2,200</u>	18-19 5 Location(s)
			Total	\$2,780	
8 01-Men-20 35.4 4730 0119000079 0J700	Near Calpella, at 0.1 mile west of Marina Drive. Repair slipout.	18-19	PA&ED	\$0	201.130
			PS&E	\$0	Assembly: 2
			R/W Sup	\$5	18-19 Senate: 2
			Con Sup	\$500	18-19 Congress: 2
			R/W Cap	\$10	18-19
			<u>Const Cap</u>	<u>\$2,000</u>	18-19 1 Location(s)
			Total	\$2,515	

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.	
9 01-Men-101 R36.0/38.0 4731 0119000080 0J710	Near Willits, from 1.5 miles north of Reeves Canyon Road to 3.4 miles south of Ridgewood Ranch Road. Construct soldier pile wall, repair drainage systems, pavement, and install erosion control.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$50 \$2,750 \$50 <u>\$13,500</u> \$16,350	18-19 18-19 18-19 18-19	201.130 Assembly: 2 Senate: 2 Congress: 2 1 Location(s)
10 01-Men-128 1.0/10.0 4734 0119000100 0J760	Near Albion, from 1.0 mile east of Route 1 to 1.6 miles west of Navarro Bridge Road. Repair drainage systems, guardrail, and failed slopes.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$10 \$450 \$50 <u>\$3,000</u> \$3,510	18-19 18-19 18-19 18-19	201.130 Assembly: 2 Senate: 2 Congress: 2 1 Location(s)
11 01-Men-128 42.7 4737 0119000111 0J850	Near Yorkville, 1.2 miles east of Elkhorn Road. Repair slipout.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$15 \$150 \$25 <u>\$700</u> \$890	18-19 18-19 18-19 18-19	201.130 Assembly: 2 Senate: 2 Congress: 2 1 Location(s)
12 01-Men-253 0.0/3.0 8510 0119000069 0J630	Near Boonville, from Route 128 to 0.4 mile west of Soda Creek Bridge. Repair slipout and drainage systems.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$20 \$1,500 \$50 <u>\$2,200</u> \$3,770	18-19 18-19 18-19 18-19	201.130 Assembly: 2 Senate: 2 Congress: 2 3 Location(s)
13 02-Plu-70 27.0 3750 0219000090 0J340	Near Twain, at 0.1 mile east of Twain Road. Repair roadway settlement.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$100 \$0 <u>\$400</u> \$500	18-19 18-19	201.130 Assembly: 1 Senate: 1 Congress: 2 1 Location(s)

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Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.	
14 02-Tri-299 43.7 3728 0218000164 4H590	Near Junction City, at Dutch Creek Road. Off-site environmental mitigation and plant establishment for the Big French Creek Slide emergency project EA 2H740. PA&ED: N/A R/W: N/A RTL: N/A BC: 6/30/2020	19-20	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$130 \$120 \$1,000 \$0 \$1,250	19-20 19-20 19-20 19-20 0 Location(s)	201.131 Assembly: 2 Senate: 2 Congress: 2
(Concurrent COS allocation under Resolution FP-19-14.)						
15 03-Col-5 Var 2777 0319000139 0J200	Near Williams, at various locations. Clear debris from channels.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$20 \$80 \$20 \$450 \$570	18-19 18-19 18-19 18-19 18-19	201.130 Assembly: 3 Senate: 4 Congress: 3 3 Location(s)
16 03-Col-20 10.0/26.0 2953 0319000140 0J030	Near Williams, from 3.3 miles west of Walnut Drive to 0.9 mile west of Lone Star Road. Remove debris, repair embankments, shoulders, and drainage systems.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$100 \$0 \$750 \$850	18-19 18-19 18-19 18-19	201.130 Assembly: 4 Senate: 4 Congress: 3 2 Location(s)
17 03-Yol-5 0.0/0.5 8574 0319000252 0J260	Near Sacramento, at the Sacramento River Bridge No. 22-0025 L/R. Remove debris at the dolphins and fenders.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$5 \$60 \$0 \$400 \$465	18-19 18-19 18-19 18-19	201.130 Assembly: 4 Senate: 3 Congress: 3 1 Location(s)

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Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)			Program Code Leg./Congress. Dists. Perf. Meas.
18 04-Ala-92 6.5 2028K 0418000101 0Q450	In Hayward, at the westbound connector from northbound Route 880. Restore eroded embankment and extend existing concrete barrier. PA&ED: 8/26/2020 R/W: 8/13/2021 RTL: 10/12/2021 BC: 5/13/2022	21-22	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$285 \$347 \$16 \$191 \$10 \$661 \$1,510	19-20 20-21 20-21 21-22 20-21 21-22	201.131 Assembly: 20 Senate: 10 Congress: 15 1 Location(s)
(Concurrent COS allocation under Resolution FP-19-14.)						
19 04-Ala-680 M0.2 2030N 0419000008 2Q400	In Fremont, at Scott Creek Road; also at 0.7 mile north of Scott Creek Road (PM M0.9). Repair slipouts.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$400 \$0 \$1,300 \$1,700	18-19 18-19 18-19	201.130 Assembly: 25 Senate: 10 Congress: 17 2 Location(s)
20 04-Ala-880 30.4 2030B 0419000181 3Q160	In Oakland, at the Fifth Avenue Overhead No. 33-0754. Replace failed expansion joints.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$540 \$0 \$1,530 \$2,070	18-19 18-19	201.130 Assembly: 18 Senate: 9 Congress: 13 1 Location(s)
21 04-Nap-128 9.2 1564R 0419000389 4Q400	Near Rutherford, at 1.7 miles east of Silverado Trail. Repair slipout.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$200 \$0 \$600 \$800	18-19 18-19	201.130 Assembly: 4 Senate: 3 Congress: 5 1 Location(s)

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Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
22 04-SM-1 15.5/22.9 2030K 0419000340 4Q090	Near San Gregorio, from 2.7 miles south of Route 84 to 0.3 mile north of Verde Road. Repair slipouts.	18-19	PA&ED	\$0	201.130 Assembly: 24 Senate: 13 Congress: 14, 18 2 Location(s)
			PS&E	\$0	
			R/W Sup	\$0	
			Con Sup	\$600	
			R/W Cap	\$0	
			<u>Const Cap</u>	<u>\$1,800</u>	
Total	\$2,400				
23 04-SM-1 36.0 2030H 0419000263 3Q790	In Montara, at 2nd Street and 14th Street (PM 36.6). Repair slipout and replace failed culvert.	18-19	PA&ED	\$0	201.130 Assembly: 22 Senate: 13 Congress: 14 2 Location(s)
			PS&E	\$0	
			R/W Sup	\$0	
			Con Sup	\$280	
			R/W Cap	\$0	
			<u>Const Cap</u>	<u>\$860</u>	
Total	\$1,140				
24 04-SM-84 11.7 2030Q 0419000347 4Q110	Near La Honda, at 3.4 miles east of Pescadero Creek Road. Repair slipout by constructing soldier pile and lagging wall.	18-19	PA&ED	\$0	201.130 Assembly: 24 Senate: 13 Congress: 18 1 Location(s)
			PS&E	\$150	
			R/W Sup	\$50	
			Con Sup	\$1,000	
			R/W Cap	\$100	
			<u>Const Cap</u>	<u>\$3,000</u>	
Total	\$4,300				
25 04-Sol-84 2.5 2031C 0419000356 4Q170	Near Rio Vista, at the Cache Slough Ferry ramp. Replace damaged timber sheathing and walers of fender system.	18-19	PA&ED	\$0	201.130 Assembly: 11 Senate: 3 Congress: 3 1 Location(s)
			PS&E	\$0	
			R/W Sup	\$0	
			Con Sup	\$900	
			R/W Cap	\$0	
			<u>Const Cap</u>	<u>\$2,400</u>	
Total	\$3,300				

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Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)		Program Code Leg./Congress. Dists. Perf. Meas.
26 04-Son-1 15.1/15.7 0748E 0400000129 0A020	Near Carmet, from 0.1 mile to 0.7 mile north of Calle Del Sol. Realign roadway near Gleason Beach. PA&ED: 6/30/2016 R/W: 12/4/2020 RTL: 12/15/2020 BC: 7/1/2021	20-21	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$1,800 \$500 \$5,000 \$15,398 <u>\$35,824</u> \$58,522	201.131 Assembly: 2 Senate: 2 Congress: 2 1 Location(s)
(Concurrent R/W Cap allocation under Resolution FP-19-13.)					
(Concurrent COS allocation under Resolution FP-19-14.)					
27 04-Son-1 15.4 2030C 0419000284 3Q930	Near Carmet, at 0.4 mile north of Calle del Sol. Construct micropile and launched nail wall.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$100 \$0 \$800 \$50 <u>\$2,400</u> \$3,350	201.130 Assembly: 2 Senate: 2 Congress: 2 1 Location(s)
28 04-Son-1 38.6 0751E 0419000390 4Q410	Near Timber Cove, at 1.9 miles north of Pacific View Drive. Construct soldier pile wall and repair drainage system.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$150 \$50 \$1,000 \$100 <u>\$2,400</u> \$3,700	201.130 Assembly: 2 Senate: 2 Congress: 2 1 Location(s)
29 05-Mon-1 18.2/28.4 2913 0518000227 1K610	Near Lucia, from 0.7 mile south of Nacimiento-Fergusson Road to 0.2 mile north of Big Creek Bridge. Repair crib walls, drainage system, and rock fall protection system.	18-19	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$150 \$0 <u>\$400</u> \$550	201.130 Assembly: 30 Senate: 17 Congress: 20 3 Location(s)

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Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)			Program Code Leg./Congress. Dists. Perf. Meas.
30 05-Mon-1 27.5/27.7 2853 0518000105 1K010	Near Lucia, from 0.6 mile to 0.8 mile south of Big Creek Bridge. Construct tieback wall, restore roadway and drainage facilities, and install permanent erosion control measures.	21-22	PA&ED	\$1,049	19-20	201.131
			PS&E	\$1,607	20-21	Assembly: 29, 30
			R/W Sup	\$359	20-21	Senate: 12, 17
			Con Sup	\$2,092	21-22	Congress: 20
			R/W Cap	\$163	21-22	
			<u>Const Cap</u>	<u>\$6,925</u>	21-22	1 Location(s)
			Total	\$12,195		
(Concurrent COS allocation under Resolution FP-19-14.)						
31 05-SCr-236 3.8/17.1 2912 0518000226 1K600	Near Boulder Creek, from 0.3 mile west of China Grande Road to 0.6 mile west of Route 9. Remove slide debris, repair slopes and roadway.	18-19	PA&ED	\$0		201.130
			PS&E	\$55	18-19	Assembly: 29
			R/W Sup	\$5	18-19	Senate: 17
			Con Sup	\$240	18-19	Congress: 18
			R/W Cap	\$10	18-19	
			<u>Const Cap</u>	<u>\$800</u>	18-19	4 Location(s)
			Total	\$1,110		
32 05-SLO-1 71.5/72.0 2997 0519000077 1M170	Near Gorda, from 13.3 miles north to 13.8 miles north of San Simeon Road. Repair slipout.	18-19	PA&ED	\$70	18-19	201.130
			PS&E	\$600	18-19	Assembly: 35
			R/W Sup	\$30	18-19	Senate: 17
			Con Sup	\$1,100	18-19	Congress: 24
			R/W Cap	\$10	18-19	
			<u>Const Cap</u>	<u>\$4,100</u>	18-19	1 Location(s)
			Total	\$5,910		
33 05-SLO-41 3.1 2927 0519000001 1K720	Near Morro Bay, 3.1 miles north of Route 1. Construct soldier pile wall.	21-22	PA&ED	\$1,241	19-20	201.131
			PS&E	\$1,544	20-21	Assembly: 35
			R/W Sup	\$178	20-21	Senate: 17
			Con Sup	\$1,684	21-22	Congress: 24
			R/W Cap	\$249	21-22	
			<u>Const Cap</u>	<u>\$3,584</u>	21-22	1 Location(s)
			Total	\$8,480		
(Concurrent COS allocation under Resolution FP-19-14.)						

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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.	
34 07-LA-2 30.0/41.0 5552 0719000187 1XL40	Near La Canada Flintridge, from 3.8 miles west of Angeles Forest Highway to 1.6 miles west of Barley Flats Road. Remove slide debris, clean and repair drainage system, repair slopes and install rock fall protection system.	18-19	PA&ED	\$0	201.130 Assembly: 41, 43 Senate: 25 Congress: 27 2 Location(s)	
			PS&E	\$0		
			R/W Sup	\$50		18-19
			Con Sup	\$900		18-19
			R/W Cap	\$100		18-19
			<u>Const Cap</u>	<u>\$2,500</u>		18-19
	Total		\$3,550			
35 07-LA-39 17.8/27.0 5551 0719000188 1XL30	Near Azusa, from Old San Gabriel Canyon Road to West Fork San Gabriel River Bridge, also at 4.0 miles south of North Crystal Lake Road (PM 34.2). Remove slide debris, clean and repair drainage system, repair slopes and install rock fall protection system.	18-19	PA&ED	\$0	201.130 Assembly: 41 Senate: 25 Congress: 27 1 Location(s)	
			PS&E	\$0		
			R/W Sup	\$50		18-19
			Con Sup	\$1,200		18-19
			R/W Cap	\$100		18-19
			<u>Const Cap</u>	<u>\$4,000</u>		18-19
	Total		\$5,350			
36 07-LA-110 6.0/9.5 5554 0719000200 1XL60	In and near Carson, from 228th Street Overcrossing to 190th Street Undercrossing. Repair eroded slope, drainage system, and undermined roadway.	18-19	PA&ED	\$0	201.130 Assembly: 64, 66 Senate: 35 Congress: 43, 44 2 Location(s)	
			PS&E	\$0		
			R/W Sup	\$50		18-19
			Con Sup	\$800		18-19
			R/W Cap	\$100		18-19
			<u>Const Cap</u>	<u>\$1,500</u>		18-19
	Total		\$2,450			
37 07-Ven-33 22.2 5562 0719000232 1XM40	Near Ojala, at 3.5 miles south of Rose Valley Road. Repair slipout, construct retaining wall, and reconstruct guardrail.	18-19	PA&ED	\$0	201.130 Assembly: 37 Senate: 19 Congress: 26 1 Location(s)	
			PS&E	\$0		
			R/W Sup	\$200		18-19
			Con Sup	\$2,000		18-19
			R/W Cap	\$100		18-19
			<u>Const Cap</u>	<u>\$4,000</u>		18-19
	Total		\$6,300			
38 07-Ven-101 9.0/10.5 5553 0719000199 1XL50	In and near Thousand Oaks, from 1.0 mile north of Wendy Drive to 0.2 mile south of Camarillo Springs Road. Repair and regrade slopes, and remove slide debris and temporary barrier.	18-19	PA&ED	\$0	201.130 Assembly: 44 Senate: 19, 27 Congress: 26 6 Location(s)	
			PS&E	\$0		
			R/W Sup	\$50		18-19
			Con Sup	\$800		18-19
			R/W Cap	\$100		18-19
			<u>Const Cap</u>	<u>\$4,500</u>		18-19
	Total		\$5,450			

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39 07-Ven-126 R31.6 5555 0719000202 1XL70	Near Piru, at 1.3 miles east of Center Street. Repair eroded slope, drainage system, and undermined roadway.	18-19	PA&ED	\$0		201.130
			PS&E	\$0		Assembly: 37
			R/W Sup	\$10	18-19	Senate: 19
			Con Sup	\$400	18-19	Congress: 26
			R/W Cap	\$50	18-19	
			<u>Const Cap</u>	<u>\$700</u>	18-19	1 Location(s)
			Total	\$1,160		
40 08-Riv-74 7.0/11.8 3014A 0819000106 1K820	In and Near Lake Elsinore, from El Cariso Camp Ground Road to Grand Avenue. Stabilize cut slope and remove slide debris.	18-19	PA&ED	\$150	18-19	201.130
			PS&E	\$400	18-19	Assembly: 67
			R/W Sup	\$80	18-19	Senate: 28
			Con Sup	\$1,000	18-19	Congress: 42
			R/W Cap	\$150	18-19	
			<u>Const Cap</u>	<u>\$13,850</u>	18-19	4 Location(s)
			Total	\$15,630		
41 08-SBd-18 20.0/53.9 3013Q 0819000057 1K540	In and near Big Bear Lake, from 0.5 mile west of Crest Forest Drive to Greenway Drive. Repair slipouts, guardrail, drainage systems and pavement, and remove debris.	18-19	PA&ED	\$200	18-19	201.130
			PS&E	\$200	18-19	Assembly: 33
			R/W Sup	\$10	18-19	Senate: 23
			Con Sup	\$750	18-19	Congress: 8
			R/W Cap	\$50	18-19	
			<u>Const Cap</u>	<u>\$2,500</u>	18-19	9 Location(s)
			Total	\$3,710		
42 08-SBd-18 20.6/20.9 3012A 0818000070 1J550	Near Twin Peaks, from Route 189 to east of Route 189; also on Route 189, from 0.2 mile to 0.3 mile east of Route 18 (PM 0.16/0.26). Repair slope due to recurring erosion. Construct soldier pile wall, replace guardrail with concrete barrier, and upgrade drainage system.	21-22	PA&ED	\$1,011	19-20	201.131
			PS&E	\$1,498	20-21	Assembly: 33, 40
			R/W Sup	\$151	20-21	Senate: 23
			Con Sup	\$1,969	21-22	Congress: 8,31
			R/W Cap	\$326	21-22	
			<u>Const Cap</u>	<u>\$6,807</u>	21-22	1 Location(s)
			Total	\$11,762		
	PA&ED: 2/1/2021					
	R/W: 4/1/2022					
	RTL: 5/2/2022					
	BC: 12/1/2022					
	(Concurrent COS allocation under Resolution FP-19-14.)					

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.
43 10-Ama-26 1.5 3457 1019000104 1K810	Near West Point, at 0.5 mile west of Joyce Road. Replace failed culvert and repair roadway.	18-19	PA&ED	\$25	18-19	201.130
			PS&E	\$120	18-19	Assembly: 8
			R/W Sup	\$25	18-19	Senate: 5
			Con Sup	\$300	18-19	Congress: 4
			R/W Cap	\$100	18-19	
			<u>Const Cap</u>	<u>\$1,200</u>	18-19	1 Location(s)
	Total		\$1,770			
44 10-Mpa-49 30.0/40.0 3450 1019000098 1K760	Near Bear Valley, from 0.5 mile north of Bear Valley Road to 3.3 miles south of Crown Lead Road. Repair slipouts and slides.	18-19	PA&ED	\$50	18-19	201.130
			PS&E	\$250	18-19	Assembly: 5
			R/W Sup	\$25	18-19	Senate: 8
			Con Sup	\$800	18-19	Congress: 4
			R/W Cap	\$100	18-19	
			<u>Const Cap</u>	<u>\$3,900</u>	18-19	1 Location(s)
	Total		\$5,125			
45 11-SD-78 71.2 1364 1119000134 43073	Near Julian, 1.2 miles east of San Felipe Road. Repair slipout, guardrail, dike, and pavement, and place Rock Slope Protection (RSP).	18-19	PA&ED	\$0		201.130
			PS&E	\$0		Assembly: 71
			R/W Sup	\$0		Senate: 38
			Con Sup	\$225	18-19	Congress: 50
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$500</u>	18-19	1 Location(s)
	Total		\$725			
46 11-SD-79 41.0/53.0 1365 1119000131 43071	Near Warner Springs, 0.9 mile north of Fink Road to Riverside County line. Repair drainage systems, embankment, roadway, and fence. Install Rock Slope Protection (RSP).	18-19	PA&ED	\$0		201.130
			PS&E	\$0		Assembly: 71
			R/W Sup	\$0		Senate: 38
			Con Sup	\$225	18-19	Congress: 50
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$1,100</u>	18-19	1 Location(s)
	Total		\$1,325			

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						
47 03-Pla-49 R8.7/R10.6 4787 0319000004 4H600	Near Auburn, from 0.3 mile south of Lorenson Road/Florence Lane to 0.3 mile north of Lone Star Road. Construct concrete median barrier and two roundabouts.	21-22	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,500 \$940 \$900 \$2,500 \$2,000 <u>\$18,500</u> \$26,340	19-20 20-21 20-21 21-22 21-22 21-22	201.010 Assembly: 1, 6 Senate: 1 Congress: 1 13 Collision(s) reduced
	PA&ED: 1/15/2021 R/W: 4/15/2022 RTL: 5/1/2022 BC: 9/5/2022					
	(Concurrent COS allocation under Resolution FP-19-14.)					
48 04-Ala-13 6.7/7.2 1490P 0415000356 4J490	In Oakland, from 0.2 mile north of Lincoln Avenue to 0.2 mile south of Park Boulevard. Install outer separation barrier and construct rumble strips.	21-22	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$824 \$667 \$42 \$565 \$107 <u>\$2,985</u> \$5,190	19-20 20-21 20-21 21-22 21-22 21-22	201.010 Assembly: 15 Senate: 9 Congress: 13 5 Collision(s) reduced
	PA&ED: 2/2/2021 R/W: 6/7/2022 RTL: 6/14/2022 BC: 2/1/2023					
	(Concurrent COS allocation under Resolution FP-19-14.)					
49 04-Ala-Var Var 2025R 0418000442 2Q250	In Alameda County, on Routes 80, 580, and 680 at various locations. Place High Friction Surface Treatment (HFST).	21-22	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$640 \$674 \$10 \$694 \$12 <u>\$3,502</u> \$5,532	19-20 20-21 20-21 21-22 21-22 21-22	201.010 Assembly: 15, 16, 20 Senate: 7, 9, 10 Congress: 13, 15, 17 213 Collision(s) reduced
	PA&ED: 10/1/2020 R/W: 11/1/2021 RTL: 1/5/2022 BC: 7/1/2022					
	(Concurrent COS allocation under Resolution FP-19-14.)					

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.
50 06-Fre-145 0.0/33.6 6975 0619000020 0Y420	Near Kerman, from Route 5 to Church Avenue. Construct centerline and shoulder rumble strips.	21-22	PA&ED	\$470	19-20	201.010
			PS&E	\$940	20-21	Assembly: 31
			R/W Sup	\$20	20-21	Senate: 16
	PA&ED: 8/3/2020		Con Sup	\$930	21-22	Congress: 21
	R/W: 9/1/2021		R/W Cap	\$20	21-22	
	RTL: 10/1/2021		<u>Const Cap</u>	<u>\$3,400</u>	21-22	23 Collision(s) reduced
	BC: 3/22/2022		Total	\$5,780		
	(Concurrent COS allocation under Resolution FP-19-14.)					
51 07-LA-170 R16.6/R19.6 5572 0719000165 35880	In the city of Los Angeles, from Oxnard Street to south of Roscoe Boulevard. Place High Friction Surface Treatment (HFST).	21-22	PA&ED	\$433	19-20	201.010
			PS&E	\$706	21-22	Assembly: 39, 46
			R/W Sup	\$21	21-22	Senate: 18
	PA&ED: 10/15/2020		Con Sup	\$729	21-22	Congress: 29
	R/W: 8/5/2021		R/W Cap	\$10	21-22	
	RTL: 9/1/2021		<u>Const Cap</u>	<u>\$758</u>	21-22	67 Collision(s) reduced
	BC: 4/1/2022		Total	\$2,657		
	(Concurrent COS allocation under Resolution FP-19-14.)					
52 08-SBd-15 174.3/175.7 3010L 0818000117 1J810	Near Mountain Pass, from 2.8 miles north of Bailey Road to 0.8 mile south of Nipton Road. Construct median barrier.	20-21	PA&ED	\$364	19-20	201.010
			PS&E	\$527	20-21	Assembly: 33
			R/W Sup	\$21	20-21	Senate: 16
	PA&ED: 8/1/2020		Con Sup	\$536	20-21	Congress: 8
	R/W: 3/1/2021		R/W Cap	\$10	20-21	
	RTL: 5/5/2021		<u>Const Cap</u>	<u>\$1,125</u>	20-21	14 Collision(s) reduced
	BC: 11/1/2021		Total	\$2,583		
	(Concurrent COS allocation under Resolution FP-19-14.)					

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.
53 12-Ora-5 36.1 2860U 1218000102 0R510	In Anaheim, on the southbound onramp from Katella Avenue. Improve drainage, install High Friction Surface Treatment (HFST), and upgrade curb ramps to Americans with Disabilities Act (ADA) standards.	21-22	PA&ED	\$438	19-20	201.010
			PS&E	\$1,086	20-21	Assembly: 69
			R/W Sup	\$23	20-21	Senate: 34
			Con Sup	\$701	21-22	Congress: 45, 46
			R/W Cap	\$20	21-22	
			<u>Const Cap</u>	<u>\$2,551</u>	21-22	35 Collision(s) reduced
			Total	\$4,819		
	PA&ED: 8/15/2020					
	R/W: 12/1/2021					
	RTL: 1/15/2022					
	BC: 9/15/2022					
	(Concurrent COS allocation under Resolution FP-19-14.)					

**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 03-Sac-99 7.1/9.4 6912 0312000069 0F280	In and near Elk Grove, from 0.3 mile south of Dillard Road Overcrossing to 0.6 mile south of Grant Line Road (replace Consumnes River Bridge No. 24-0020L/R, and Consumnes River Overflow Bridge No. 24-0021L/R; upgrade bridge rails at Dillard Road Overcrossing No. 24-0163; construct new McConnell Overhead No. 24-0048L). Bridge seismic retrofit, bridge scour retrofit, bridge rail replacement, and bridge replacement. (G13 Contingency)	19-20 201.112	PA&ED PS&E R/W Sup * Con Sup R/W Cap * <u>Const Cap</u> Total	\$1,700 \$3,500 \$600 \$14,200 \$6,000 \$158,000 \$184,000	Prior Prior Prior 19-20 19-20 19-20 19-20	\$1,700 \$3,500 \$600 \$12,964 \$6,000 \$142,081 \$166,845	Prior Prior Prior 19-20 19-20 19-20 19-20

Performance Measure
 5,946.0 Linear feet

* Phase NOT Programmed.

Note: Split the Construction Manager/General Contractor (CMGC) parent project EA 0F280/PPNO 03-6912 into project EAs 0F281/PPNO 03-6912A, 0F282/PPNO 03-6912B, 0F283/PPNO 03-6912C as the first three Early Work Packages to be constructed as an independent construction contracts. Resolution G-19-33, approved June 2019 allows the Department flexibility to split the project into early work package within the year of delivery.

Performance Measure: Bridges (6 bridge(s))					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Linear feet rail	2,762.0	2,756.0	428.0	5,946.0
Post Condition	Linear feet rail	5,946.0	0.0	0.0	5,946.0

2 10-Sta SJ-5 33.4 3286 1018000083 1G440	In Stockton, at 0.7 mile north of Hammer Lane; also in Sacramento County, near Thornton at 0.6 mile south of Twin Cities Road (PM 1.5). Install Transportation Management System (TMS) elements.	19-20 201.315	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$163 \$377 \$4 \$401 \$6 \$1,619 \$2,570	Prior 18-19 18-19 19-20 18-19 19-20 19-20	\$163 \$377 \$4 \$401 \$6 \$1,619 \$2,570	Prior 18-19 18-19 19-20 18-19 19-20 19-20
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Performance Measure
 6 Field element(s)

Note: Update county to correctly reflect location of work.

Performance Measure: TMS Elements				
	<u>Unit</u>	<u>Good</u> (Operational)	<u>Poor</u> (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%	100.0

**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 03-Sac-99 7.1/9.4 6912C 0319000203 0F283	In and near Elk Grove, from 0.3 mile south of Dillard Road Overcrossing to 0.6 mile south of Grant Line Road. Early Work Package No. 3 for Consumnes River Bridge Construction Manager/General Contractor (CMGC) parent project EA 0F280. Fabricate pre-cast concrete girders for McConnell Overhead No. 24-0048L.	19-20 201.112	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$216 \$0 <u>\$1,655</u> \$1,871	19-20 <u>19-20</u>

Performance Measure
0.0 Linear feet

(Concurrent CONST and CON ENG allocation under Resolution FP-19-12.)

Note: Split the Construction Manager/General Contractor (CMGC) parent project EA 0F280/PPNO 03-6912 into project EA 0F283/PPNO 03-6912C to be constructed as an independent construction contract-Early Work Package No. 3. Resolution G-19-33, approved June 2019 allows the Department flexibility to split the project into early work package within the year of delivery.

2 03-Sac-99 7.1/9.4 6912A 0319000201 0F281	In and near Elk Grove, from 0.3 mile south of Dillard Road Overcrossing to 0.6 mile south of Grant Line Road. Early Work Package No. 1 for Consumnes River Bridge Construction Manager/General Contractor (CMGC) parent project EA 0F280. Import earthwork material and construct embankment for McConnell Overhead No. 24-0048L.	19-20 201.112	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$800 \$0 <u>\$11,087</u> \$11,887	19-20 <u>19-20</u>
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Performance Measure
0.0 Linear feet

(Concurrent CONST and CON ENG allocation under Resolution FP-19-12.)

Note: Split the Construction Manager/General Contractor (CMGC) parent project EA 0F280/PPNO 03-6912 into project EA 0F281/PPNO 03-6912A to be constructed as an independent construction contract-Early Work Package No. 1. Resolution G-19-33, approved June 2019 allows the Department flexibility to split the project into early work package within the year of delivery.

**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)	
3 03-Sac-99 7.1/9.4 6912B 0319000202 0F282	In and near Elk Grove, from 0.3 mile south of Dillard Road Overcrossing to 0.6 mile south of Grant Line Road. Early Work Package No. 2 for Consumnes River Bridge Construction Manager/General Contractor (CMGC) parent project EA 0F280. Construct foundations for temporary bridges over Consumnes River Overflow Bridge No. 24-0021L/R for traffic detour.	19-20 201.112	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$220 \$0 <u>\$3,177</u> <u>\$3,397</u>	19-20 19-20

Performance Measure
0.0 Linear feet

(Concurrent CONST and CON ENG allocation under Resolution FP-19-12.)

Note: Split the Construction Manager/General Contractor (CMGC) parent project EA 0F280/PPNO 03-6912 into project EA 0F282/PPNO 03-6912B to be constructed as an independent construction contract-Early Work Package No. 2. Resolution G-19-33, approved June 2019 allows the Department flexibility to split the project into early work package within the year of delivery.