

MEMORANDUM

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: October 21-22, 2020

From: STEVEN KECK, Chief Financial Officer

Reference Number: 2.5b.(2), Action Item

Prepared By: KC Handren, Chief
Division of Budgets

Subject: **ALLOCATION FOR SHOPP PROJECTS**
PA&ED, PS&E AND R/W SUPPORT
RESOLUTION FP-20-22

ISSUE:

Should the California Transportation Commission (Commission) approve an allocation of \$102,700,000 for Project Approval and Environmental Document (PA&ED), Plans, Specifications and Estimate (PS&E) and Right-of-Way (R/W) support for 92 phases programmed in the 2020 State Highway Operation and Protection Program (SHOPP)?

RECOMMENDATION:

The California Department of Transportation (Department) recommends that the Commission approve an allocation of \$102,700,000 for 92 support phases in the SHOPP, as follows:

- \$45,799,000 for 63 SHOPP support phases and
- \$56,901,000 for 29 SHOPP Senate Bill 1 (SB 1) support phases.

The attached lists describe 92 SHOPP phases totaling \$102,700,000 for PA&ED, PS&E and R/W support costs that are ready for allocation.

BACKGROUND:

The 2020 SHOPP details both support and construction capital for rehabilitation projects on the State Highway System. The passage of SB 1 necessitates that the Department and the Commission establish baseline budgets for each phase of each project in the 2020 SHOPP, and requires an allocation of each support phase on or after July 1, 2017.

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

FINANCIAL RESOLUTION:

Resolved, that \$102,700,000 be allocated for PA&ED, PS&E and R/W support for SHOPP projects described on the attached vote lists.

Attachments

2.5 Highway Financial Matters

Project No. Dist-Co-Rte Postmile	PPNO Project ID	Location/Description	EA	Prog Year	Phase	Programmed Amount	Allocation Amount
2.5b.(2a) Support Allocations for SHOPP Projects						Resolution FP-20-22	
1 01-DN-101 12.6/13.2	1138 0120000033	Near Klamath, from Wilson Creek Bridge to 0.6 mile north of Wilson Creek Bridge. Stabilize roadway by constructing a Soldier Pile Ground Anchor (SPGA) wall. (Long Lead Project) (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.131 - Permanent Restoration <u>Performance Measure</u> 1 Location(s)	0K140	26-27	PA&ED	\$2,463,000	\$2,463,000
2 01-Hum-36 0.1/1.7	2379 0113000090	Near Fortuna, from Route 101 to River Bar Road. Shoulder widening. (Concurrent consideration of funding under Resolution E-20-85; October 2020.) (Six month time extension for PS&E and R/W Sup approved under Waiver 20-31; June 2020.) <u>Program Code</u> 201.015 - Collision Severity Reduction <u>Performance Measure</u> 14 Collision(s) reduced	0E010	21-22	PS&E R/W Sup	\$1,123,000 \$861,000	\$1,173,000 \$861,000
3 01-Hum-36 10.5/10.8	2415 0115000076	Near Carlotta, from 0.1 mile east of Riverside Park Road to 0.4 mile east of Riverside Park Road. Curve correction. (Concurrent consideration of funding under Resolution E-20-86; October 2020.) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 20 Collision(s) reduced	0F160	20-21	PS&E R/W Sup	\$946,000 \$174,000	\$1,044,000 \$174,000
4 01-Men-271 19.6/20.0	4702 0118000106	Near Piercy, from 0.1 mile to 0.5 mile north of Route 101. Repair slope by constructing a retaining wall, reconstruct roadway and shoulders. (Categorically Exempt) <u>Program Code</u> 201.131 - Permanent Restoration <u>Performance Measure</u> 1 Location(s)	0H780	21-22	PS&E R/W Sup	\$1,643,000 \$58,000	\$1,643,000 \$58,000

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Project No. Dist-Co-Rte Postmile	PPNO Project ID	Location/Description	EA	Prog Year	Phase	Programmed Amount	Allocation Amount
2.5b.(2a) Support Allocations for SHOPP Projects						Resolution FP-20-22	
5 02-Tri-299 64.7/71.7	3637 0216000049	Near Douglas City, at various locations from 1.2 miles east of Lewiston Road to 0.5 mile west of Shasta County line. Perform storm water mitigation improvements at sixteen locations to meet statewide National Pollutant Discharge Elimination System (NPDES) permit mandate goals. (Categorically Exempt) <u>Program Code</u> 201.335 - Storm Water Mitigation <u>Performance Measure</u> 108.0 Acre(s) treated/pollutant	1H700	21-22	PS&E R/W Sup	\$1,200,000 \$380,000	\$1,200,000 \$380,000
6 03-But-32 30.8/31.0	2117 0320000004	Near Forest Ranch, from 1.3 miles west to 1.1 miles west of Carpenter Ridge Road. Stabilize embankment slope from recurring slipouts by constructing a retaining wall, rehabilitating drainage systems, and upgrading guardrail. (Categorically Exempt) <u>Program Code</u> 201.131 - Permanent Restoration <u>Performance Measure</u> 1 Location(s)	0J700	21-22	PS&E R/W Sup	\$1,360,000 \$660,000	\$1,360,000 \$660,000
7 03-But-70 34.7/39.3	2301 0320000006	Near Pulga, from 0.7 mile east of Pinkston Canyon Road/Big Bend Road to 1.7 miles west of North Fork Feather River Bridge. Replace three culverts damaged during the Camp Fire. (Categorically Exempt) <u>Program Code</u> 201.131 - Permanent Restoration <u>Performance Measure</u> 1 Location(s)	0J720	21-22	PS&E R/W Sup	\$810,000 \$50,000	\$810,000 \$50,000
8 03-Nev-80 13.1/16.5	4318 0321000035	In Truckee, from west of Donner Park Overcrossing to Route 80/89/267 Separation (PM 13.05/16.5). Construct auxiliary lanes and an acceleration lane. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.310 - Operational Improvements <u>Performance Measure</u> 7.0 Daily vehicle hour(s) of delay (DVHD)	1H181	20-21	PA&ED	\$350,000	\$350,000

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Project No. Dist-Co-Rte Postmile	PPNO Project ID	Location/Description	EA	Prog Year	Phase	Programmed Amount	Allocation Amount
2.5b.(2a) Support Allocations for SHOPP Projects						Resolution FP-20-22	
9 03-Pla-80 R56.9/R58.2	5145 0320000036	Near Emigrant Gap, from 0.8 mile east to 2.1 miles east of Carpenter Flat Undercrossing, at two locations (PM R56.9L/R58.2L). Restore the structural integrity of storm damaged rockfall retention systems by replacing posts and base plates, and installing new ground anchors. (Categorically Exempt) <u>Program Code</u> 201.131 - Permanent Restoration <u>Performance Measure</u> 2 Location(s)	0J880	21-22	PS&E R/W Sup	\$300,000 \$50,000	\$300,000 \$50,000
10 03-Sac-Var	6722 0320000039	In Sacramento, Placer, and Butte Counties, on Routes 50, 51, 80, and 99 at various locations. Apply High Friction Surface Treatment (HFST) and Open Graded Asphalt Concrete (OGAC) at various ramp locations. (Categorically Exempt) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 262 Collision(s) reduced	0J900	20-21	PS&E R/W Sup	\$430,000 \$10,000	\$430,000 \$10,000
11 04-Ala-Var	2025R 0418000442	In Alameda County, on Routes 80, 580, and 680 at various locations. Place High Friction Surface Treatment (HFST). (Categorically Exempt) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 213 Collision(s) reduced	2Q250	21-22	PS&E R/W Sup	\$674,000 \$10,000	\$674,000 \$10,000
12 04-Nap-29 Var	2033M 0419000570	In Napa County, on Routes 29, 121, and 128 at various locations. Install rumble strips. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 80 Collision(s) reduced	3Q760	22-23	PA&ED	\$794,000	\$794,000

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Project No. Dist-Co-Rte Postmile	PPNO Project ID	Location/Description	EA	Prog Year	Phase	Programmed Amount	Allocation Amount
2.5b.(2a) Support Allocations for SHOPP Projects						Resolution FP-20-22	
13 04-Nap-121 13.4/20.7	2022D 0418000153	Near Napa, from 2.8 miles north of Vichy Avenue to 1.4 miles south of Route 128 at various locations. Repair and restore slope washouts with Rock Slope Protection (RSP), erosion control, steel sheet piles, and drainage upgrades. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.131 - Permanent Restoration <u>Performance Measure</u> 5 Location(s)	0Q790	23-24	PA&ED	\$1,635,000	\$1,635,000
14 04-Nap-121 16.0/16.1	2022F 0418000158	Near Napa, at Wooden Valley Road. Repair pavement, replace drainage systems, and upgrade guardrail. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.131 - Permanent Restoration <u>Performance Measure</u> 1 Location(s)	0Q810	22-23	PA&ED	\$902,000	\$902,000
15 04-SCI-152 11.2/R35.2	1452E 0417000025	Near Gilroy, from Llagas Creek Bridge to the Merced County line. Construct Maintenance Vehicle Pullouts (MVPs) and vegetation control under existing guardrail to improve highway worker safety. (Categorically Exempt) (Four month time extension for PS&E and R/W Sup approved under Waiver 20-31; June 2020.) <u>Program Code</u> 201.235 - Roadside Safety Improvements/ Freeway Maintenance Access <u>Performance Measure</u> 88 Location(s)	2K800	21-22	PS&E R/W Sup	\$1,000,000 \$45,000	\$1,000,000 \$45,000
16 04-SCI-152 20.5/20.8	2031M 0419000235	Near Gilroy, from 0.8 mile east to 1.1 miles east of San Felipe Road. Stabilize slope with Rock Slope Protection (RSP), erosion control, and drainage upgrades. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.131 - Permanent Restoration <u>Performance Measure</u> 2 Location(s)	3Q650	23-24	PA&ED	\$583,000	\$583,000

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Project No. Dist-Co-Rte Postmile	PPNO Project ID	Location/Description	EA	Prog Year	Phase	Programmed Amount	Allocation Amount
2.5b.(2a) Support Allocations for SHOPP Projects						Resolution FP-20-22	
17 04-SCI-237 7.0/8.0	1492A 0416000060	In San Jose, in the eastbound direction from North First Street to Zanker Road. Construct auxiliary lane. (Categorically Exempt) (Four month time extension for PS&E and R/W Sup approved under Waiver 20-31; June 2020.) <u>Program Code</u> 201.310 - Operational Improvements <u>Performance Measure</u> 521.0 Daily vehicle hour(s) of delay (DVHD)	0K240	21-22	PS&E R/W Sup	\$2,080,000 \$130,000	\$2,080,000 \$130,000
18 04-SM-84 6.0	1455C 0416000480	Near La Honda, west of Peek-A-Boo Lane. Construct soldier pile wall, reconstruct damaged pavement, and upgrade guardrail. (Categorically Exempt) <u>Program Code</u> 201.131 - Permanent Restoration <u>Performance Measure</u> 1 Location(s)	2K640	22-23	PS&E R/W Sup	\$635,000 \$40,000	\$750,000 \$40,000
19 04-Sol-80 14.6	2905C 0421000042	Near Fairfield, at Suisun Creek Bridge No. 23-0007. Landscape and biological mitigation for EA 4G872. (Categorically Exempt) (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.111 - Bridge Scour Mitigation <u>Performance Measure</u> 0 Bridge(s)	4G873	20-21	PS&E R/W Sup	\$320,000 \$20,000	\$320,000 \$20,000
20 04-Son-1 0.0/58.6	0820H 0413000178	In Sonoma County, from Marin County line to Mendocino County line (PM 58.583). Install centerline rumble strips, widen shoulders and install wet night visibility striping. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 196 Collision(s) reduced	4G780	23-24	PA&ED	\$2,155,000	\$2,155,000

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Project No. Dist-Co-Rte Postmile	PPNO Project ID	Location/Description	EA	Prog Year	Phase	Programmed Amount	Allocation Amount
2.5b.(2a) Support Allocations for SHOPP Projects						Resolution FP-20-22	
21 04-Son-116 1.1	2031S 0419000524	Near Jenner, at 1.1 miles east of Route 1. Permanent restoration of slope by reconstructing culvert wingwalls and placing Rock Slope Protection (RSP). (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.131 - Permanent Restoration <u>Performance Measure</u> 1 Location(s)	0AA63	23-24	PA&ED	\$1,130,000	\$1,130,000
22 05-SCr-236 5.4	3017 0519000153	Near Boulder Creek, at 0.6 mile south of Lodge Road. Construct retaining wall to stabilize slope, widen shoulder, repair pavement, improve drainage systems and install erosion control. (Categorically Exempt) <u>Program Code</u> 201.131 - Permanent Restoration <u>Performance Measure</u> 1 Location(s)	1M450	22-23	R/W Sup	\$45,000	\$45,000
23 06-Fre-145 0.0/33.6	6975 0619000020	Near Kerman, from Route 5 to Church Avenue. Construct centerline and shoulder rumble strips. (Categorically Exempt) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 23 Collision(s) reduced	0Y420	21-22	PS&E R/W Sup	\$940,000 \$20,000	\$940,000 \$20,000
24 06-Fre-180 89.6/90.7	7047 0620000037	Near the community of Squaw Valley, from east of George Smith Road to Elwood Road. Construct two-way left turn lane. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 20 Collision(s) reduced	1A460	23-24	PA&ED	\$950,000	\$950,000

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2.5b.(2a) Support Allocations for SHOPP Projects						Resolution FP-20-22	
25 06-Ker-99 23.6/R28.4	6661A 0618000145	In Bakersfield, from Brundage Lane Overcrossing to Beardsley Canal Bridge. Landscape mitigation for rehabilitate roadway project EA 0Q280.	0Q281	21-22	PA&ED	\$700,000	\$700,000
		<u>Program Code</u> 201.120 - Roadway Rehabilitation (3R)					
		<u>Performance Measure</u> 0.0 Lane mile(s)					
26 06-Tul-Var 0.0	6986 0618000228	In various counties, on various routes at various locations. Replace or install new curve warning signs on highways, onramps, and offramp locations.	0Y490	20-21	PS&E	\$720,000	\$840,000
		(Categorically Exempt)					
		<u>Program Code</u> 201.015 - Collision Severity Reduction					
		<u>Performance Measure</u> 3 Collision(s) reduced					
27 07-LA-170 R14.5/R16.6	5073 0716000204	In the cities of Los Angeles and North Hollywood, from 170/134 Junction to Oxnard Street Undercrossing. Construct Maintenance Vehicle Pullouts (MVPs), access trail, minor concrete beyond gore and along ramps, rock blanket at ramps, install fencing and gates, vandal resistant pedestrian undercrossing enclosures.	32970	21-22	PS&E R/W Sup	\$1,313,000 \$34,000	\$1,313,000 \$34,000
		(Categorically Exempt)					
		<u>Program Code</u> 201.235 - Roadside Safety Improvements/ Freeway Maintenance Access					
		<u>Performance Measure</u> 84 Location(s)					
28 07-LA-710 24.4/26.7	5089 0716000252	In the city of Los Angeles, from 3rd Street to Route 10 Interchange. Install irrigation systems and plant vegetation to stabilize soil.	33180	21-22	PS&E R/W Sup	\$1,250,000 \$50,000	\$1,250,000 \$50,000
		(Categorically Exempt)					
		<u>Program Code</u> 201.335 - Storm Water Mitigation					
		<u>Performance Measure</u> 34.2 Acre(s) treated/pollutant					

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Project No. Dist-Co-Rte Postmile	PPNO Project ID	Location/Description	EA	Prog Year	Phase	Programmed Amount	Allocation Amount
2.5b.(2a) Support Allocations for SHOPP Projects						Resolution FP-20-22	
29 07-Ven-118 1.2/1.8	5204 0716000375	Near the city of Ventura, from County Drive to Santa Clara River. Construct stormwater treatment Best Management Practices (BMPs) infiltration basin. (Categorically Exempt) (Four month time extension for PS&E and R/W Sup approved under Waiver 20-31; June 2020.) <u>Program Code</u> 201.335 - Storm Water Mitigation <u>Performance Measure</u> 42.0 Acre(s) treated/pollutant	33600	21-22	PS&E R/W Sup	\$1,961,000 \$44,000	\$2,300,000 \$14,000
30 08-Riv-10 26.9/43.3	3016G 0820000061	In and near Cathedral City, from 1.7 mile east of Route 111 to Ramon Road. Reduce wrong-way collisions by installing wrong-way pavement markers and upgrading pavement delineation at onramps and offramps. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 4 Collision(s) reduced	1L360	21-22	PA&ED	\$558,000	\$558,000
31 08-SBd-138 0.0/2.3	3010F 0817000139	Near Pinon Hills, from Los Angeles County line to 0.6 mile west of Phelan Road; also in Los Angeles County, from 0.1 mile west of the San Bernardino County line to the San Bernardino County line (PM 74.90/74.973). Widen roadway to provide up to 4 foot median, widen shoulders, and construct rumble strips. (Concurrent consideration of funding under Resolution E-20-93; October 2020.) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 55 Collision(s) reduced	1H830	21-22	PS&E R/W Sup	\$1,200,000 \$75,000	\$1,200,000 \$75,000

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2.5b.(2a) Support Allocations for SHOPP Projects						Resolution FP-20-22	
32 09-Ker-14 R12.6/16.7	2654 0918000036	Near Mojave, from 0.5 mile north of Silver Queen Road to 0.6 mile north of Business Route 58 (north). Rehabilitate roadway, install Transportation Management System (TMS) elements, upgrade facilities to Americans with Disabilities Act (ADA) standards, replace bridge railing, and enhance highway worker safety. (Long Lead Project) <u>Program Code</u> 201.120 - Roadway Rehabilitation (3R) <u>Performance Measure</u> 21.0 Lane mile(s)	37520	23-24	PA&ED	\$1,694,000	\$1,694,000
33 10-Alp-4	3142A 1020000166	In Alpine County, on Routes 4, 88, and 89 at various locations. Environmental mitigation for drainage rehabilitation project EA 0S680. (Categorically Exempt) <u>Program Code</u> 201.151 - Drainage System Restoration <u>Performance Measure</u> 0 Culvert(s) (ea)	0S681	22-23	PS&E	\$229,000	\$229,000
34 10-Cal-26 18.1	3494 1019000164	Near Mokelumne Hill, at the intersection with Route 49. Intersection improvements. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 22.0 Centerline mile(s)	1K820	23-24	PA&ED	\$1,610,000	\$1,610,000
35 10-Sta-108 33.4	3490 1019000165	In Riverbank, at Claus Road intersection. Intersection improvements. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 11 Collision(s) reduced	1K840	23-24	PA&ED	\$1,501,000	\$1,501,000

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Project No. Dist-Co-Rte Postmile	PPNO Project ID	Location/Description	EA	Prog Year	Phase	Programmed Amount	Allocation Amount
2.5b.(2a) Support Allocations for SHOPP Projects						Resolution FP-20-22	
36 11-Imp-8 R32.4/R46.1	1252 1112000158	In and near El Centro, at various locations on Routes 8 and 111. Pave slopes under structures. (Categorically Exempt) <u>Program Code</u> 201.235 - Roadside Safety Improvements/ Freeway Maintenance Access <u>Performance Measure</u> 18 Location(s)	41200	21-22	PS&E	\$585,000	\$615,000
37 12-Ora-5 5.8/6.8	2564B 1219000102	In Dana Point and San Juan Capistrano, from Camino De Estrella to Route 1. Install safety lighting and upgrade median barrier. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 110 Collision(s) reduced	0S170	22-23	PA&ED	\$300,000	\$300,000
38 12-Ora-5 R26.6	2786 1219000092	In Irvine, on the northbound onramp from Trabuco Road. Intersection improvements. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 10 Collision(s) reduced	0S100	21-22	PA&ED	\$109,000	\$109,000
39 12-Ora-5 R29.2	2823 1218000098	In Tustin, at Red Hill Avenue. Improve safety by modifying traffic signal and upgrading safety lighting. (Categorically Exempt) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 16 Collision(s) reduced	0R470	21-22	PS&E	\$605,000	\$605,000

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2.5b.(2a) Support Allocations for SHOPP Projects						Resolution FP-20-22	
40 12-Ora-22 R11.6/R12.5	2977 1219000104	In the cities of Orange and Santa Ana, from east of Parker Street to east of Cambridge Street. Restripe lanes to provide for safer merging, widen to extend auxiliary lane, add and upgrade signs, and add safety lighting. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 156 Collision(s) reduced	0S190	23-24	PA&ED	\$1,417,000	\$1,417,000
41 12-Ora-39 12.2	3207 1219000028	In Anaheim, at the intersection with Orange Avenue. Upgrade traffic signals and lighting. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 31 Collision(s) reduced	0R740	22-23	PA&ED	\$200,000	\$200,000
42 12-Ora-90 R5.3	4364 1219000054	In Brea, at the intersection with the southbound offramp from Route 57; also at the intersection with Kraemer Boulevard (PM 6.6). Upgrade traffic signals and lighting. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 54 Collision(s) reduced	0R920	22-23	PA&ED	\$376,000	\$376,000
43 12-Ora-91 R0.8/R1.8	4507C 1219000029	In Buena Park, from Valley View Street to Knott Avenue. Construct new overhead sign structure with high-reflective sign panels, replace existing sign panels, and upgrade guardrail. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 230 Collision(s) reduced	0R730	22-23	PA&ED	\$410,000	\$410,000

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2.5b.(2a) Support Allocations for SHOPP Projects						Resolution FP-20-22	
44 12-Ora-91 5.4/5.8	4560 1218000064	In Placentia and Anaheim, from west of Placentia Avenue to west of Route 57. Install new sign structure and replace existing sign panels. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.010 - Safety Improvements <u>Performance Measure</u> 80 Collision(s) reduced	0R190	21-22	PA&ED	\$260,000	\$260,000
45 12-Ora-241 33.6/38.7	5505B 1219000099	In and near Anaheim, from 1.1 miles north of Santiago Canyon Road to south of Route 91. Reconstruct fire damaged timber wildlife escape ramps (Jump Out Ramps - JORs) with steel soldier pile retaining walls and replace chain link fencing. (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.131 - Permanent Restoration <u>Performance Measure</u> 26 Location(s)	0S150	22-23	PA&ED	\$900,000	\$900,000

Component	No. of Phases	Total Amount
PA&ED	22	\$20,997,000
PS&E	22	\$22,076,000
R/W Sup	19	\$2,726,000
Total	63	\$45,799,000

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Project No. Dist-Co-Rte Postmile	PPNO Project ID	Location/Description	EA	Prog Year	Phase	Programmed Amount	Allocation Amount
2.5b.(2b) Support Allocations for SHOPP SB 1 Projects of Primary Asset Classes						Resolution FP-20-22	
1 01-Men-101 R104.5	4745 0113000106	Near Piercy, at 0.7 mile north of Piercy Separation (Route 271). Replace culvert. <u>Program Code</u> 201.151 - Drainage System Restoration <u>Performance Measure</u> 1 Culvert(s) (ea)	48400	22-23	PA&ED	\$30,000	\$30,000
2 01-Men-101 R106.4/T106.8	4627 0116000015	Near Piercy, at South Fork Eel River Bridge No. 10-0218 (PM R106.57); also in Humboldt County (PM T0.0/T0.1). Seismic bridge retrofit, bridge rail upgrade, restripe for wider shoulders and bicycle access, and upgrade deck drainage. (Categorically Exempt) <u>Program Code</u> 201.113 - Bridge Seismic Restoration <u>Performance Measure</u> 1 Bridge(s)	0F510	21-22	PS&E R/W Sup	\$1,028,000 \$248,000	\$1,028,000 \$248,000
3 04-Ala-80 2.0/8.0	0064A 0414000106	In Alameda, Contra Costa, and Solano Counties, on Routes 80, 580, and 980 at various locations; also on local streets from Route 980 to the District 4 Transportation Management Center (TMC). Install fiber optic cable and install and upgrade Transportation Management System (TMS) elements. (Categorically Exempt) <u>Program Code</u> 201.315 - Transportation Management Systems <u>Performance Measure</u> 8 Field element(s)	15500	22-23	PS&E R/W Sup	\$6,200,000 \$121,000	\$6,200,000 \$121,000
4 04-Mrn-1 22.8/33.0	1480A 0414000403	Near Point Reyes Station and Olema, from Olema Creek Bridge to north of Cypress Road; also near Tomales, from south of Tomales-Petaluma Road to south of Valley Ford Road (PM 45.0/50.5). Pavement rehabilitation, improve drainage, and upgrade Americans with Disabilities Act (ADA) facilities. (G13 Contingency) (Concurrent consideration of funding under Resolution E-20-88; October 2020.) <u>Program Code</u> 201.121 - Pavement Rehabilitation (CAPM) <u>Performance Measure</u> 27.8 Lane mile(s)	1J960	21-22	PS&E R/W Sup	\$2,500,000 \$350,000	\$2,850,000 \$418,000

2.5 Highway Financial Matters

Project No. Dist-Co-Rte Postmile	PPNO Project ID	Location/Description	EA	Prog Year	Phase	Programmed Amount	Allocation Amount
2.5b.(2b) Support Allocations for SHOPP SB 1 Projects of Primary Asset Classes						Resolution FP-20-22	
5 04-Son-12 11.0/T17.4	1493M 0416000098	In and near Santa Rosa, from Llano Road to Farmers Lane. Rehabilitate pavement, upgrade guardrail to make standard and upgrade curb ramps to make Americans with Disabilities Act (ADA) compliant. (G13 Contingency) (Categorically Exempt) (Four month time extension for PS&E and R/W Sup approved under Waiver 20-31; June 2020.) <u>Program Code</u> 201.121 - Pavement Rehabilitation (CAPM) <u>Performance Measure</u> 22.0 Lane mile(s)	0K520	21-22	PS&E R/W Sup	\$2,900,000 \$66,000	\$2,900,000 \$66,000
6 05-SB-217 0.9/1.4	2386 0512000134	Near Goleta, from 0.1 mile south to 0.4 mile north of San Jose Creek Bridge No. 51-0217. Replace bridge. (G13 Contingency) (Concurrent consideration of funding under Resolution E-20-102; October 2020.) (Four month time extension for PS&E Sup approved under Waiver 20-31; June 2020.) <u>Program Code</u> 201.110 - Bridge Major Rehabilitation <u>Performance Measure</u> 1 Bridge(s)	1C360	21-22	PS&E	\$3,459,000	\$3,459,000
7 06-Ker-58 6.0/15.4	6957 0618000057	Near McKittrick, from San Luis Obispo County line to Route 33. Pavement rehabilitation, repair culverts, and upgrade Intelligent Transportation System (ITS) field elements. (Concurrent consideration of funding under Resolution E-20-89; October 2020.) (Seven month time extension for PS&E and R/W Sup approved under Waiver 20-31; June 2020.) <u>Program Code</u> 201.121 - Pavement Rehabilitation (CAPM) <u>Performance Measure</u> 18.8 Lane mile(s)	0X350	20-21	PS&E R/W Sup	\$1,500,000 \$30,000	\$1,500,000 \$30,000

2.5 Highway Financial Matters

Project No. Dist-Co-Rte Postmile	PPNO Project ID	Location/Description	EA	Prog Year	Phase	Programmed Amount	Allocation Amount
2.5b.(2b) Support Allocations for SHOPP SB 1 Projects of Primary Asset Classes						Resolution FP-20-22	
8 06-Mad-99 R7.0/R7.5	6857 0616000207	Near the city of Madera, at Cottonwood Creek Bridge No. 41-065R, No. 41-0065L and No. 41-0065S. Replace bridges to mitigate corrosion by chloride latent concrete. (G13 Contingency) (Future consideration of funding approved under Resolution Pending; October 2020.) <u>Program Code</u> 201.110 - Bridge Major Rehabilitation <u>Performance Measure</u> 3 Bridge(s)	0V120	21-22	PS&E R/W Sup	\$3,200,000 \$100,000	\$3,200,000 \$100,000
9 07-LA-91 R10.2/R10.3	4704 0714000024	In Compton, at Compton Creek Bridge Overhead and offramp No. 53-2235 and No. 53-2237S; also in Long Beach, on Routes 710 and 110, at Harbor Scenic Drive Overhead No. 53-2934 (PM 6.0) and Gaffy Street Bridge No. 53-0397Y (PM R0.8). Bridge seismic retrofit and bridge rail upgrade. (G13 Contingency) (Categorically Exempt) (Twenty month time extension for PS&E and R/W Sup approved under Waiver 19-29; June 2019.) <u>Program Code</u> 201.113 - Bridge Seismic Restoration <u>Performance Measure</u> 4 Bridge(s)	30160	21-22	PS&E R/W Sup	\$3,500,000 \$150,000	\$3,800,000 \$175,000

2.5 Highway Financial Matters

Project No. Dist-Co-Rte Postmile	PPNO Project ID	Location/Description	EA	Prog Year	Phase	Programmed Amount	Allocation Amount
2.5b.(2b) Support Allocations for SHOPP SB 1 Projects of Primary Asset Classes						Resolution FP-20-22	
10 07-LA-405 0.0	4984 0716000044	In Long Beach, at the San Gabriel River Bridge No. 53-1185 and SB 605 to NB I-405 Connector Bridge No. 53-1737H; also in Orange County on Route 405 at the SB 405 to NB 605 Connector Bridge No. 55-0413F. Retrofit scour critical bridges to preserve the structural integrity of the bridges by enlarging and deepening pile cap, adding Cast in Drilled Hole (CIDH) piles and reinforcing the area with Rock Slope Protection (RSP). (G13 Contingency) (Concurrent consideration of funding under Resolution E-20-91; October 2020.) (Four month time extension for PS&E and R/W Sup approved under Waiver 20-31; June 2020.) <u>Program Code</u> 201.111 - Bridge Scour Mitigation <u>Performance Measure</u> 3 Bridge(s)	32100	21-22	PS&E R/W Sup	\$6,840,000 \$300,000	\$6,140,000 \$342,000
11 07-Ven-1 21.3/28.4	5018 0716000072	In the city of Ventura, from North 101 Junction - Solimar Undercrossing to Mobil Pier Road. Cold plane and overlay pavement, upgrade guardrail/end treatment, install traffic signs and crosswalks. (Categorically Exempt) <u>Program Code</u> 201.121 - Pavement Rehabilitation (CAPM) <u>Performance Measure</u> 14.2 Lane mile(s)	32390	21-22	PS&E R/W Sup	\$1,850,000 \$60,000	\$1,960,000 \$71,000

2.5 Highway Financial Matters

Project No. Dist-Co-Rte Postmile	PPNO Project ID	Location/Description	EA	Prog Year	Phase	Programmed Amount	Allocation Amount
2.5b.(2b) Support Allocations for SHOPP SB 1 Projects of Primary Asset Classes						Resolution FP-20-22	
12 08-Riv-10 R134.0/R156.5	3009K 0816000090	In and near Blythe, from Teed Ditch Bridge to Arizona State line. Cold plane mainline pavement and overlay with concrete pavement. The shoulders and ramps will be milled and overlaid with asphalt pavement. A two lane temporary detour will be constructed in the median for traffic handling. (G13 Contingency) (Concurrent consideration of funding under Resolution E-20-92; October 2020.) (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) <u>Program Code</u> 201.122 - Roadway Rehabilitation (2R) <u>Performance Measure</u> 88.2 Lane mile(s)	1C083	21-22	PS&E R/W Sup	\$10,000,000 \$117,000	\$10,000,000 \$117,000
13 08-SBd-18 44.3/68.5	0181J 0812000110	Near Big Bear and Lucerne Valley, at various locations, from Route 38 at Big Bear Lake Dam to Artic Canyon Wash. Reline or replace culverts. (Concurrent consideration of funding under Resolution E-20-103; October 2020.) <u>Program Code</u> 201.151 - Drainage System Restoration <u>Performance Measure</u> 31 Culvert(s) (ea)	0G690	21-22	PS&E R/W Sup	\$1,493,000 \$1,700,000	\$1,555,000 \$1,700,000
14 10-Ama-49	3219 1017000004	Near Jackson, at Mokelumne River Bridge No. 26-0012. Upgrade bridge rails and widen shoulders. (Categorically Exempt) <u>Program Code</u> 201.112 - Bridge Rail Replacement and Upgrade <u>Performance Measure</u> 810.0 Linear feet rail	0X752	21-22	PS&E	\$2,010,000	\$2,010,000

2.5 Highway Financial Matters

Project No. Dist-Co-Rte Postmile	PPNO Project ID	Location/Description	EA	Prog Year	Phase	Programmed Amount	Allocation Amount
2.5b.(2b) Support Allocations for SHOPP SB 1 Projects of Primary Asset Classes						Resolution FP-20-22	
15 10-SJ-12 R4.4	3273 1017000024	Near Terminous, at Little Potato Slough Bridge No. 29-0101. Replace joint seals and bearing pads using temporary pile supports. (Concurrent consideration of funding under Resolution E-20-95; October 2020.) <u>Program Code</u> 201.119 - Bridge Preventative Maintenance <u>Performance Measure</u> 1 Bridge(s)	1F760	20-21	PS&E R/W Sup	\$1,005,000 \$2,000	\$1,005,000 \$2,000
16 11-SD-125 9.3/13.0	1310 1118000033	In and near Lemon Grove, from south of Elkelton Place to Route 94. Pavement rehabilitation. (G13 Contingency) (Categorically Exempt) (Concurrent Amendment under SHOPP Amendment 20H-003; October 2020.) (Four month time extension for PS&E and R/W Sup approved under Waiver 20-31; June 2020.) <u>Program Code</u> 201.122 - Roadway Rehabilitation (2R) <u>Performance Measure</u> 11.5 Lane mile(s)	43024	21-22	PS&E R/W Sup	\$5,557,000 \$317,000	\$5,557,000 \$317,000

Component	No. of Phases	Total Amount
PA&ED	1	\$30,000
PS&E	15	\$53,164,000
R/W Sup	13	\$3,707,000
Total	29	\$56,901,000