

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: May 18-19, 2016

Reference No.: 2.5b.(1)
Action Item

From: NORMA ORTEGA
Chief Financial Officer

Prepared by: Steven Keck, Chief
Division of
Budgets

Subject: **FINANCIAL ALLOCATION FOR SHOPP PROJECTS**
RESOLUTION FP-15-41

RECOMMENDATION:

The California Department of Transportation (Department) recommends the California Transportation Commission allocate \$85,031,000 for 11 projects programmed in the 2014 State Highway Operation and Protection Program (SHOPP) and \$27,923,000 for 9 additional projects amended into the SHOPP.

ISSUE:

The attached vote list describes 20 SHOPP projects totaling \$112,954,000 programmed in Fiscal Year 2015-16. The Department is ready to proceed with these projects and is requesting an allocation at this time.

FINANCIAL RESOLUTION:

Resolved, that \$112,954,000 be allocated from the Budget Act of 2014 and the Budget Act of 2015, Budget Act Items 2660-302-0042 and 2660-302-0890, for 20 SHOPP projects described on the attached vote list.

The Department has complied with the National Environmental Policy Act and the California Environmental Quality Act requirements in preparing these projects.

Attachment

2.5 Highway Financial Matters

Project # Allocation Amount County Dist-Co-Rte Postmile	Location Project Description	PPNO Program/Year Prgm'd Amount Project ID Adv Phase EA	Budget Year Item # Fund Type Program Code	Amount by Fund Type												
2.5b.(1a) SHOPP Projects		Resolution FP-15-41														
1 \$2,094,000 Sacramento 03-Sac-99 8.5/22.4	In and near the cities of Elk Grove and Sacramento, from Cosumnes River Bridge to 0.4 mile north of the Fruitridge Road Overcrossing. <u>Outcome/Output:</u> Improve safety for highway workers at 49 locations by paving narrow roadside areas, construct concrete slope paving, place inert vegetation control, and relocate irrigation equipment away from traffic.	03-6919 SHOPP/15-16 \$2,150,000 0313000241 4 3F940	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.235	\$42,000 \$2,052,000												
	Preliminary <table border="0"> <tr> <td><u>Engineering</u></td> <td><u>Programmed</u></td> <td><u>Expended</u></td> </tr> <tr> <td>PA&ED</td> <td>\$165,000</td> <td>\$145,179</td> </tr> <tr> <td>PS&E</td> <td>\$188,000</td> <td>\$289,014</td> </tr> <tr> <td>R/W Supp</td> <td>\$42,000</td> <td>\$3,322</td> </tr> </table>	<u>Engineering</u>	<u>Programmed</u>	<u>Expended</u>	PA&ED	\$165,000	\$145,179	PS&E	\$188,000	\$289,014	R/W Supp	\$42,000	\$3,322			
<u>Engineering</u>	<u>Programmed</u>	<u>Expended</u>														
PA&ED	\$165,000	\$145,179														
PS&E	\$188,000	\$289,014														
R/W Supp	\$42,000	\$3,322														
	(Construction Support: \$250,000)															
	(CEQA - CE, 5/4/2015.) (NEPA - CE, 5/4/2015.)															
2 \$60,464,000 Alameda 04-Ala-580 0.1/R8.0	Near Livermore, from the San Joaquin County line to the Greenville Overhead; also on Route 205 from Midway Road to the San Joaquin County line (PM L0.0/0.4); also near Castro Valley on Route 580 from Eden Canyon Road to Strobridge Avenue (PM R26.1/30.3); also in San Joaquin County near Tracy on Route 580 from Patterson Pass Road to the Alameda County line (PM 13.5/15.3). <u>Outcome/Output:</u> Improve safety and ride quality by rehabilitating 54.6 lane miles of distressed mainline and ramp pavement and install signs, lighting, and vehicle pullouts. Also, install ramp metering at 12 locations.	04-8315V SHOPP/15-16 \$58,476,000 0412000115 4 3G590	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.122	\$1,209,000 \$59,255,000												
	Preliminary <table border="0"> <tr> <td><u>Engineering</u></td> <td><u>Programmed</u></td> <td><u>Expended</u></td> </tr> <tr> <td>PA&ED</td> <td>\$1,800,000</td> <td>\$1,788,748</td> </tr> <tr> <td>PS&E</td> <td>\$6,435,000</td> <td>\$2,243,537</td> </tr> <tr> <td>R/W Supp</td> <td>\$29,000</td> <td>\$2,512</td> </tr> </table>	<u>Engineering</u>	<u>Programmed</u>	<u>Expended</u>	PA&ED	\$1,800,000	\$1,788,748	PS&E	\$6,435,000	\$2,243,537	R/W Supp	\$29,000	\$2,512			
<u>Engineering</u>	<u>Programmed</u>	<u>Expended</u>														
PA&ED	\$1,800,000	\$1,788,748														
PS&E	\$6,435,000	\$2,243,537														
R/W Supp	\$29,000	\$2,512														
	(Construction Support: \$7,518,000)															
	(Additional Contribution: \$4,158,000 in CMAQ Funds)															
	(CEQA - CE, 3/16/2016.) (NEPA - CE, 3/16/2016.)															
	(EA 3G590, PPNO 8315V will be constructed under EA 3G59U, Project ID 0415000066.)															

2.5 Highway Financial Matters

Project #	Allocation Amount	County	Dist-Co-Rte	Postmile	Location	Project Description	PPNO Program/Year Prgm'd Amount Project ID Adv Phase EA	Budget Year Item # Fund Type Program Code	Amount by Fund Type
2.5b.(1a) SHOPP Projects					Resolution FP-15-41				
3	\$1,304,000	Santa Clara	04-SCI-152	R26.9	Near Gilroy, at 1.9 miles east of the Casa de Fruta Drive Undercrossing. <u>Outcome/Output:</u> Install Weigh-In-Motion (WIM) system and concrete pavement approach pad.		04-0587Q SHOPP/15-16 \$1,304,000 0413000124	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.321	\$26,000 \$1,278,000
					Preliminary		4 1A200		
					<u>Engineering</u>	<u>Programmed</u>	<u>Expended</u>		
					PA&ED	\$0	\$117,875		
					PS&E	\$450,000	\$564,352		
					R/W Supp	\$10,000	\$2,665		
					(Construction Support: \$500,000)				
					(CEQA - CE, 6/4/2013.)				
					(NEPA - CE, 6/4/2013.)				
4	\$1,550,000	San Mateo	04-SM-101	0.9/17.9	From East Palo Alto to Burlingame, at various locations from University Avenue to Millbrae Avenue. <u>Outcome/Output:</u> Improve safety for highway workers at 12 locations by paving gore areas and narrow roadside areas, and constructing maintenance vehicle pull-outs.		04-8315R SHOPP/15-16 \$1,550,000 0412000151	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.235	\$31,000 \$1,519,000
					Preliminary		4 3G670		
					<u>Engineering</u>	<u>Programmed</u>	<u>Expended</u>		
					PA&ED	\$110,000	\$157,547		
					PS&E	\$150,000	\$463,068		
					R/W Supp	\$40,000	\$4,882		
					(Construction Support: \$210,000)				
					(CEQA - CE, 12/1/2014.)				
					(NEPA - CE, 12/2/2014.)				
5	\$150,000	Sonoma	04-Son-128		Near Bidwell Creek in the Maacama Creek Watershed. <u>Outcome/Output:</u> Environmental mitigation funding contribution for Maacama Creek Bridge and Redwood Creek Bridge replacement project completed in 2012. The project provides required permit compliance by improving riparian enhancements to Bidwell Creek. Planted trees and shrubs will increase cover over the stream to lower water temperature, reduce sediment, and benefit aquatic species.		04-0829N SHOPP/15-16 \$150,000 0400021168	2014-15 302-0042 SHA 20.20.201.111	\$150,000
					Preliminary		4FCO 4A883		
					<u>Engineering</u>	<u>Programmed</u>	<u>Expended</u>		
					PA&ED	\$25,000	\$19,744		
					PS&E	\$200,000	\$57,400		
					R/W Supp	\$0	\$0		
					(Construction Support: \$0)				
					(CEQA - CE, 7/18/2014.)				
					(NEPA - CE, 7/18/2014.)				
					This is a Financial Contribution Only (FCO) to the Sonoma Resource Conservation District.				

2.5 Highway Financial Matters

Project # Allocation Amount County Dist-Co-Rte Postmile	Location Project Description	PPNO Program/Year Prgm'd Amount Project ID Adv Phase EA	Budget Year Item # Fund Type Program Code	Amount by Fund Type
2.5b.(1a) SHOPP Projects		Resolution FP-15-41		
6 \$1,633,000 Santa Barbara 05-SB-101 R0.4/11.7	In and near the city of Santa Barbara, at various locations from 0.2 mile south of Route 150/101 Separation to 0.3 mile north of Cabrillo Boulevard. <u>Outcome/Output:</u> Improve safety for highway workers at 70 locations by placing asphalt beyond gore areas and maintenance vehicle pullouts, place vegetation control under guard rail utility box relocations and make irrigation equipment modifications. Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED \$247,000 \$273,627 PS&E \$601,000 \$475,395 R/W Supp \$7,000 \$3,791 (Construction Support: \$687,000) (CEQA - CE, 2/28/2014.) (NEPA - CE, 2/28/2014.)	05-2360 SHOPP/15-16 \$2,424,000 0512000072 4 1C120	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.235	\$33,000 \$1,600,000
7 \$4,072,000 Fresno 06-Fre-41 33.3/33.4	In the city of Fresno, at the San Joaquin River Bridge No. 42-0112Y; also in Madera County at the San Joaquin River Overflow Bridge No. 41-0040 (PM 0.08). <u>Outcome/Output:</u> Seismic restoration of two bridges, upgrade bridge railing and restore bridge integrity due to scour damage. Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED \$164,000 \$823,827 PS&E \$1,930,000 \$1,330,090 R/W Supp \$30,000 \$21,513 (Construction Support: \$1,667,000) (CEQA - IS, 10/6/2014.) (NEPA - EA, 10/6/2014.) (Future consideration of funding under Resolution E-15 -02; January 2015.)	06-6598 SHOPP/15-16 \$4,745,000 0612000114 4 0N990	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.113	\$81,000 \$3,991,000
8 \$3,188,000 Fresno 06-Fre-41 Var.	In Fresno and Madera Counties at various locations in and near the city of Fresno. <u>Outcome/Output:</u> Improve safety for highway workers at 65 locations by constructing maintenance vehicle pullouts, paving in and around gore areas and narrow roadside areas, place rock blankets, construct off-freeway access road and relocate maintenance access gates. Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED \$247,000 \$216,904 PS&E \$734,000 \$445,544 R/W Supp \$26,000 \$13,418 (Construction Support: \$576,000) (CEQA - CE, 12/30/2013.) (NEPA - CE, 12/30/2013.)	06-6697 SHOPP/15-16 \$2,834,000 0613000151 4 0Q630	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.235	\$64,000 \$3,124,000

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Project # Allocation Amount County Dist-Co-Rte Postmile	Location Project Description	PPNO Program/Year Prgm'd Amount Project ID Adv Phase EA	Budget Year Item # Fund Type Program Code	Amount by Fund Type
2.5b.(1a) SHOPP Projects		Resolution FP-15-41		
9 \$1,038,000 San Bernardino 08-SBd-15 32.5/42.2	In Hesperia and Victorville, from 0.2 mile north of Joshua Street to 0.2 mile north of Mojave Drive. <u>Outcome/Output:</u> Improve safety for highway workers at 50 locations that includes installation of rock blanket, quick-change sign posts and pave under guardrail and gore points. Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED \$150,000 \$76,035 PS&E \$250,000 \$283,047 R/W Supp \$30,000 \$5,021 (Construction Support: \$290,000) (CEQA - CE, 9/30/2014.) (NEPA - CE, 9/30/2014.)	08-0160G SHOPP/15-16 \$1,000,000 0812000097 4 0R540	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.235	\$21,000 \$1,017,000
10 \$7,338,000 San Diego 11-SD-8 5.4/10.6	In and near the cities of San Diego, La Mesa, and El Cajon at various locations from 0.2 mile west of Route 15/8 separation to the Fletcher Parkway Overcrossing; also from the Los Coches Road Undercrossing to 0.2 mile west of the Lake Jennings Park Road Undercrossing (PM R20.0/R21.6). <u>Outcome/Output:</u> Install/upgrade Transportation Management Systems by extending fiber optic communications, installing 14 CCTV's and 3 changeable message signs, construct maintenance vehicle pullouts and add vehicle detection stations. This project is necessary to improve traffic mobility and safety. Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED \$750,000 \$692,905 PS&E \$1,220,000 \$1,297,879 R/W Supp \$10,000 \$1,907 (Construction Support: \$2,100,000) (CEQA - CE, 9/12/2006.) (NEPA - CE, 2/16/2016.)	11-1108 SHOPP/15-16 \$11,579,000 1114000046 4 23796	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.315	\$147,000 \$7,191,000
11 \$2,200,000 Orange 12-Ora-241 14.6/32.5	Near Rancho Santa Margarita, from Oso Parkway to the Santiago Canyon Road Overcrossing; also near Santa Ana, on Route 5 from PM 29.6 to 31.1. <u>Outcome/Output:</u> Plant vegetation for sediment and erosion control to treat 42 acres. Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED \$250,000 \$236,944 PS&E \$585,000 \$511,337 R/W Supp \$50,000 \$8,550 (Construction Support: \$702,000) (CEQA - CE, 3/1/2016.) (NEPA - CE, 3/1/2016.)	12-5490A SHOPP/15-16 \$2,200,000 1212000105 4 0J660	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.335	\$44,000 \$2,156,000

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Project # Allocation Amount County Dist-Co-Rte Postmile	Location Project Description	PPNO Program/Year Prgm'd Amount Project ID Adv Phase EA	Budget Year Item # Fund Type Program Code	Amount by Fund Type
2.5b.(1b) Projects Amended Into the SHOPP by Department Action				
Resolution FP-15-41				
1 \$5,250,000	Near Crescent City, at 6.15 miles north of Route 199. <u>Outcome/Output:</u> Replace failed culvert with a bridge and accommodate fish passage.	01-1123 SHOPP/15-16 \$5,250,000	2015-16 302-0042 SHA 20.20.201.131	\$5,250,000
Del Norte 01-DN-197 1123	Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED \$0 \$0 PS&E \$0 \$0 R/W Supp \$50,000 \$0	0116000153 4 0G270		
	(Construction Support: \$1,500,000)			
2 \$1,195,000	In Sacramento, El Dorado, Nevada, Placer and Yolo Counties, on Routes 5, 28, 50, 51, 80, 89, 99 and 267 at various locations. <u>Outcome/Output:</u> Replace 17 Roadway Weather Information System (RWIS) units and decommission one, which have reached the end of their useful life and require extensive maintenance to operate. New units will provide improved quantity and quality of data.	03-5841 SHOPP/15-16 \$1,700,000 0313000195 4 3F810	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.315	\$24,000 \$1,171,000
Sacramento 03-Sac-5 0.0/34.7	Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED \$110,000 \$117,588 PS&E \$350,000 \$371,799 R/W Supp \$120,000 \$3,291			
	(Construction Support: \$500,000)			
	(CEQA - CE, 6/30/2015.) (NEPA - CE, 6/30/2015.)			
3 \$1,742,000	In Los Gatos, at 0.1 mile north of the Blossom Hill Road Overcrossing. <u>Outcome/Output:</u> Install Weigh-In-Motion (WIM) system and concrete pavement approach pads in both directions, and construct a maintenance vehicle pull-out in the northbound direction.	04-0414B SHOPP/15-16 \$1,743,000 0414000028 4 44500	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.321	\$35,000 \$1,707,000
Santa Clara 04-SCI-17 7.7	Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED \$0 \$98,649 PS&E \$320,000 \$647,416 R/W Supp \$30,000 \$1,670			
	(Construction Support: \$450,000)			
	(CEQA - CE, 5/12/2014.) (NEPA - CE, 5/12/2014.)			

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Project # Allocation Amount County Dist-Co-Rte Postmile	Location Project Description	PPNO Program/Year Prgm'd Amount Project ID Adv Phase EA	Budget Year Item # Fund Type Program Code	Amount by Fund Type
2.5b.(1b) Projects Amended Into the SHOPP by Department Action		Resolution FP-15-41		
4 \$1,745,000 Solano 04-Sol-29 0.8/3.0	In Vallejo, from Cherry Street to Illinois Street at various locations. <u>Outcome/Output:</u> Install pedestrian crosswalk safety enhancements at 10 unsignalized intersections to reduce the number and severity of collisions. Work includes marking crosswalks with high visibility markings, installing yield lines, and upgrade lighting.	04-0045K SHOPP/15-16 \$1,745,000 0415000087 4 4G552	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.015	\$35,000 \$1,710,000
	Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED \$0 \$101,485 PS&E \$256,000 \$269,092 R/W Supp \$20,000 \$3,867			
	(Construction Support: \$275,000)			
	(CEQA - CE, 11/13/2014.) (NEPA - CE, 11/13/2014.)			
5 \$328,000 Sonoma 04-Son-116 10.4/10.5	Near GuerneWood Park, at Russian River Sidehill Viaducts No. 20-0071 and No. 20-0072. <u>Outcome/Output:</u> Seismic retrofit of two structures by placing seat extensions at the expansion joint/hinge to accommodate excessive displacement during a seismic event.	04-0756 SHOPP/15-16 \$500,000 0413000340 4 0G641	2014-15 302-0042 SHA 20.20.201.113	\$328,000
	Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED \$800,000 \$922,765 PS&E \$600,000 \$416,938 R/W Supp \$50,000 \$0			
	(Construction Support: \$450,000)			
	(CEQA - CE, 4/15/2015.) (NEPA - CE, 4/15/2015.)			
6 \$8,855,000 Madera 06-Mad-99 1.5/9.5	Near the city of Madera, from 0.5 mile north of Avenue 7 to 0.2 mile south of South Gateway Drive. <u>Outcome/Output:</u> Cold plane, seal cracks and overlay with rubberized asphalt for pavement rehabilitation of 32.0 lane miles to extend pavement service life and improve ride quality. Project will also reconstruct railing and asphalt dikes and upgrade two curb ramps to meet ADA compliance.	06-6683 SHOPP/15-16 \$8,688,000 0614000006 4 OR070	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.121	\$148,000 \$8,707,000
	Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED \$0 \$0 PS&E \$912,000 \$861,681 R/W Supp \$106,000 \$0			
	(Construction Support: \$1,308,000)			
	(CEQA - CE, 4/8/2014.) (NEPA - CE, 4/8/2014.)			

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Project # Allocation Amount County Dist-Co-Rte Postmile	Location Project Description	PPNO Program/Year Prgm'd Amount Project ID Adv Phase EA	Budget Year Item # Fund Type Program Code	Amount by Fund Type
2.5b.(1b) Projects Amended Into the SHOPP by Department Action		Resolution FP-15-41		
7 \$6,363,000 Tulare 06-Tul-65 R9.3/R14.0	Near Porterville, from 0.7 mile south of Avenue 80 to Avenue 112. <u>Outcome/Output:</u> Rehabilitate 9.3 lane miles by overlaying with asphalt and adding a top wearing coarse layer of rubberized asphalt to improve safety and ride quality. Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED \$488,000 \$151,927 PS&E \$730,000 \$199,908 R/W Supp \$15,000 \$0 (Construction Support: \$991,000) (CEQA - CE, 10/5/2015.) (NEPA - CE, 10/5/2015.)	06-6728 SHOPP/15-16 \$10,220,000 0615000049 4 0S480	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.122	\$127,000 \$6,236,000
8 \$955,000 Los Angeles 07-LA-10 26.8/30.8	In Rosemead and El Monte, from Rosemead Boulevard (Route 164) to Garvey Avenue. <u>Outcome/Output:</u> Bridge preventative maintenance on 17 bridges. Apply methacrylate bridge deck treatment, replace joint seals, replace cable railing, repair concrete slabs, girders and railing to extend service life of bridges. Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED \$0 \$0 PS&E \$400,000 \$416,241 R/W Supp \$0 \$0 (Construction Support: \$500,000) (CEQA - CE, 9/29/2015.) (NEPA - CE, 9/29/2015.)	07-4791 SHOPP/15-16 \$2,757,000 0713000449 4 2W660	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.119	\$19,000 \$936,000
9 \$1,490,000 San Diego 11-SD-5 R48.7/R59.6	In Carlsbad, at Agua Hedionna Lagoon Bridge No.57 -0282; also near Oceanside at Aliso Creek Bridge No.57-0006L/R. <u>Outcome/Output:</u> Bridge preventative maintenance on 2 bridges. Apply methacrylate bridge deck treatment, replace joint seals, repair loose concrete to extend service life of bridges. Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED \$0 \$0 PS&E \$708,000 \$406,555 R/W Supp \$4,000 \$0 (Construction Support: \$689,000) (CEQA - CE, 10/28/2015.) (NEPA - CE, 10/28/2015.)	11-1048 SHOPP/15-16 \$1,490,000 1112000052 4 29930	2015-16 302-0042 SHA 302-0890 FTF 20.20.201.119	\$30,000 \$1,460,000