

Memorandum

Tab 70

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: March 20, 2014

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

From: NORMA ORTEGA
Chief Financial Officer

Prepared by: Steven Keck
Division Chief
Budgets

Subject: FINANCIAL ALLOCATION FOR SHOPP PROJECTS
RESOLUTION FP-13-41

RECOMMENDATION:

The California Department of Transportation (Department) recommends the California Transportation Commission allocate \$54,091,000 for 16 projects programmed in the 2012 State Highway Operation and Protection Program (SHOPP) and \$144,696,000 for 13 additional projects amended into the SHOPP by Department action.

ISSUE:

The attached vote list describes 29 SHOPP projects totaling \$198,787,000. The Department is ready to proceed with these projects and is requesting an allocation at this time.

FINANCIAL RESOLUTION:

Resolved, that \$198,787,000 be allocated from the Budget Act of 2012, Budget Act Items 2660-302-0042 and 2660-302-0890, for 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.(1) SHOPP Projects | | | | Resolution FP-13-41 |
| 1 \$5,474,000 Mendocino 01-Men-1 70.5 | Near Westport, from 0.8 mile north of Ten Mile River Bridge to 4.2 miles south of Blue Slide Gulch Bridge. <u>Outcome/Output:</u> Construct soldier pile tie back, install new metal beam guard rail and construct geo-synthetic reinforced embankment restore roadway damaged by heavy rainfall. (Construction support: \$720,000) | 01-4459 SHOPP/13-14 \$4,600,000 0100000331 4 474904 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.131 | \$109,000 \$5,365,000 |
| 2 \$1,400,000 Humboldt 01-Hum-101 60.3 | In Fortuna, at the Fortuna Maintenance Station. <u>Outcome/Output:</u> Excavate the contaminated soil at the Fortuna Maintenance Station and removed off-site to an approved disposal location. (Construction support: \$390,000) | 01-2284 SHOPP/13-14 \$2,143,000 0100000680 4 496504 | 2012-13 302-0042 SHA 20.20.201.330 | \$1,400,000 |
| 3 \$16,500,000 Lassen 02-Las-395 61.5/R76.6 | In and near Johnstonville, from 0.4 mile south of Bangham Lane to 0.3 mile south of Wendel Road. <u>Outcome/Output:</u> Rehabilitate 19.8 lane miles of pavement to improve ride quality, prevent further deterioration of the road surface, minimize the costly roadway repairs, and extend the pavement life. (Construction support: \$1,530,000) | 02-3250 SHOPP/13-14 \$16,500,000 0212000037 4 3C0714 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.120 | \$330,000 \$16,170,000 |
| 4 \$715,000 Colusa 03-Col-20 22.3 | In Colusa, Butte, and Glenn Counties on various routes at various locations. <u>Outcome/Outputs:</u> Place rock slope protection at five locations and concrete slope paving protection at one location to mitigate scour at bridges. (Construction support: \$250,000) | 03-2789 SHOPP/13-14 \$890,000 0300020038 4 4M2004 | 2012-13 302-0042 SHA 20.20.201.119 | \$715,000 |
| 5 \$3,144,000 San Luis Obispo 05-SLO-101 R21.6/R23.9 | Near San Luis Obispo, from the San Luis Obispo Creek Bridge to south of the Santa Fe Undercrossing. <u>Outcome/Output:</u> Overlay existing pavement with rubberized hot mix asphalt concrete, upgrade metal beam guardrail, reconstruct asphalt concrete dike, and add shoulder backing in order to extend pavement service life and improve ride quality along 9.2 highway lane miles. (Construction Support: \$353,000) | 05-2262 SHOPP/13-14 \$2,950,000 0512000017 4 0S7904 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.121 | \$63,000 \$3,081,000 |
| 6 \$981,000 San Luis Obispo 05-SLO-Var. Var. | In San Luis Obispo and Monterey Counties at various locations. <u>Outcome/Output:</u> Construct and upgrade 43 pedestrian curb ramps and sidewalks including installation of pedestrian pads and push buttons to comply with the Americans with Disabilities Act (ADA). (Construction Support: \$707,000) | 05-2232 SHOPP/13-14 \$1,315,000 0500000365 4 0R5304 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.361 | \$20,000 \$961,000 |
| 7 \$1,881,000 Los Angeles 07-LA-110 9.8/14.0 | In the city of Los Angeles, from Route 91 to Route 105. <u>Outcome/Output:</u> Rehabilitate 11 structures by replacing joint seals and repairing concrete spalls to continue the useful life of the bridges. (Construction Support: \$1,429,000) | 07-4074 SHOPP/13-14 \$9,135,000 0700020238 4 273104 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.110 | \$38,000 \$1,843,000 |

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| 2.5b.(1) SHOPP Projects | | | | Resolution FP-13-41 |
| 8 \$1,599,000 San Bernardino 08-SBd-38 26.3/26.8 | Near Barton Flats, at the Hathaway Creek Bridge No.54-0015. <u>Outcome/Output:</u> Rehabilitate one structure by replacing bridge deck, upgrading bridge rails, and bridge approach slabs to address salt penetration and restore bridge load capacity. (Construction Support: \$432,000) | 08-0204K SHOPP/13-14 \$1,601,000 0800000608 4 336304 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.110 | \$32,000 \$1,567,000 |
| 9 \$5,840,000 San Bernardino 08-SBd-138 R24.1 | Near Crestline, at the Horsethief Creek Bridge #54-0816. <u>Outcome/Output:</u> Replace one structure due to concrete degradation and to restore bridge load capacity. (Construction Support: \$1,225,000) | 08-0237R SHOPP/13-14 \$5,109,000 0800000324 4 0J8504 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.110 | \$117,000 \$5,723,000 |
| 10 \$2,215,000 Merced 10-Mer-5 17.5 | Near Los Banos, at the Route 5/152 Separation (Bridge Nos. 39-0161R/L). <u>Outcome/Output:</u> Modify existing cross frame members located between the bridge girder diaphragms to reduce the potential of structural deterioration on two bridges. (Construction Support: \$578,000) | 10-0033 SHOPP/13-14 \$3,500,000 1000020495 4 0F7404 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.110 | \$44,000 \$2,171,000 |
| 11 \$4,997,000 Stanislaus 10-Sta-120 6.1/11.3 | In and near Oakdale, from Maag Road to 0.1 mile west of Lancaster Road. <u>Outcome/Output:</u> Dig out and repair localized areas of pavement failure and overlay with 0.2-foot rubberized asphalt concrete to improve ride quality and extend pavement service life along 12.9 highway lane miles. (Construction Support: \$454,000) | 10-0341 SHOPP/13-14 \$4,997,000 1012000003 4 0V6804 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.121 | \$100,000 \$4,897,000 |
| 12 \$1,213,000 Tuolumne 10-Tuo-108 R3.0/R4.0 | Near Sonora, from the Old Wards Ferry Road Overcrossing to Twain Hart/Plainview Road. <u>Outcome/Output:</u> Place rock slope protection (RSP) at various locations on 1.07 acres in order to stabilize roadway slopes, prevent discharge of sediments and pollutants into Sullivan Creek, and achieve compliance with storm water management regulations. (Construction Support: \$302,000) | 10-0334 SHOPP/13-14 \$1,200,000 1000020502 4 0V4904 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.335 | \$24,000 \$1,189,000 |
| 13 \$1,784,000 San Diego 11-SD-805 0.9/1.1 | In the city of San Diego, from the San Ysidro Underpass to Beyer Boulevard; also from 0.3 mile north of Del Sol Boulevard to Palm Avenue (PM 2.5/2.9). <u>Outcome/Output:</u> Slope erosion repair. (Construction Support: \$684,000) | 11-0916 SHOPP/13-14 \$1,786,000 1100020311 4 292304 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.335 | \$36,000 \$1,748,000 |
| 14 \$1,801,000 Orange 12-Ora-5 19.2/20.8 | In Lake Forest and Irvine, from 0.6 mile south of Lake Forest Drive to Bake Parkway. <u>Outcome/Output:</u> Treat 20.7 acres of exposed slope to reduce erosion and improve storm water quality. (Construction Support: \$206,000) (EA 0J6104, PPNO 2723A combined with EA 0J6204, PPNO 2729A and EA 0J6304, PPNO 2737A for construction under EA 0J61U4, Project ID 1212000029.) | 12-2723A SHOPP/13-14 \$1,801,000 1200020267 4 0J6104 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.335 | \$36,000 \$1,765,000 |

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| 2.5b.(1) SHOPP Projects | | | | |
| Resolution FP-13-41 | | | | |
| 15 \$2,469,000 Orange 12-Ora-5 19.8/21.7 | In Irvine, from Lake Forest Drive to 0.4 miles north of Route 405; also on Route 405 from Route 5 to 0.5 mile north of Route 5 (PM 0.0/0.5). <u>Outcome/Output:</u> Treat 28 acres of exposed slope to reduce erosion and improve storm water quality. (Construction Support: \$282,000) (EA 0J6204, PPNO 2729A combined with EA 0J6104, PPNO 2723A and EA 0J6304, PPNO 2737A for construction under EA 0J61U4, Project ID 1212000029.) | 12-2729A SHOPP/13-14 \$2,469,000 1200020268 4 0J6204 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.335 | \$49,000 \$2,420,000 |
| 16 \$2,078,000 Orange 12-Ora-5 20.8/22.2 | In Irvine, from Route 405 to Alton Parkway; also on Route 405 from Route 5 to 0.2 mile north of Irvine Center Drive (PM 0.0/1.2). <u>Outcome/Output:</u> Treat 15.2 acres of exposed slope to reduce erosion and improve storm water quality. (Construction Support: \$234,000) (EA 0J6304, PPNO 2737A combined with EA 0J6104, PPNO 2723A and EA 0J6204, PPNO 2729A for construction under EA 0J61U4, Project ID 1212000029.) | 12-2737A SHOPP/13-14 \$2,078,000 1200020269 4 0J6304 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.335 | \$42,000 \$2,036,000 |

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| 2.5b.(1) Projects Amended into the SHOPP by Department Action | | | | |
| Resolution FP-13-41 | | | | |
| 17 \$1,560,000 Plumas 02-Plu-70 23.7/23.9 | Near Rich Bar, at 0.1 mile east of Rush Creek Road. <u>Outcome/Output:</u> Stabilize eroded slope and place Rock Slope Protection (RSP) and drainage system to restore roadway damaged by heavy rainfall. (Construction support: \$200,000) | 02-3497 SHOPP/13-14 \$1,655,000 0212000110 4 4F1004 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.131 | \$31,000 \$1,529,000 |
| 18 \$1,100,000 Siskiyou 02-Sis-96 33.2 | Near Happy Camp, at 1.0 mile west of the Wingate Maintenance Station. <u>Outcome/Output:</u> Install cable mesh drapery system and a catchment area to prevent rocks and debris from falling onto roadway. (Construction support: \$100,000) | 02-3494 SHOPP/13-14 \$1,410,000 0212000107 4 4F4104 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.131 | \$22,000 \$1,078,000 |
| 19 \$2,700,000 Alameda 04-Ala-24 5.9/6.2 | In Alameda and Contra Costa (PM 0.0/0.3) counties near Oakland, at the Caldecott Tunnel. <u>Outcome/Output:</u> The Tunnel's new 4th bore does not include the installation of the Bay Area Security Enhancement (BASE) system necessary for providing proper security against major incidents or acts of sabotage. This project is to install the BASE system equipment in order to facilitate tunnel security monitoring by the California Highway Patrol. (Construction Support: \$700,000) | 04-0482U SHOPP/13-14 \$2,700,000 0413000466 4 0J4004 | 2012-13 302-0042 SHA 20.20.201.130 | \$2,700,000 |

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| 2.5b.(1) Projects Amended into the SHOPP by Department Action | | | | Resolution FP-13-41 |
| 20 \$482,000 Santa Barbara 05-SB-101 47.3/47.9 | At Gaviota, from 0.1 mile north of the Gaviota Creek Bridge to 1.0 mile south of Las Cruces Separation (Route 1/101). <u>Outcome/Output:</u> Place high friction surface treatment (HFST) on the pavement surface to reduce the severity and number of traffic collisions along 0.6 centerline mile. (Construction Support: \$96,000) | 05-2516 SHOPP/13-14 \$577,000 0514000001 4 1F4804 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.010 | \$10,000 \$472,000 |
| 21 \$7,035,000 San Luis Obispo 05-SLO-46 50.2/60.9 | Near Paso Robles, from the Shandon Safety Roadside Rest Area to the Kern County line. <u>Outcome/Output:</u> Overlay existing pavement with rubberized hot mix asphalt concrete, upgrade metal beam guardrail, reconstruct asphalt concrete dike, and add shoulder backing in order to extend pavement service life and improve ride quality along 29.4 highway lane miles. (Construction Support: \$761,000) | 05-2438 SHOPP/13-14 \$7,485,000 0513000008 4 1C9004 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.121 | \$141,000 \$6,894,000 |
| 22 \$11,972,000 Los Angeles 07-LA-5 6.8/13.8 | In Santa Fe Springs, Downey and Commerce, from Route 605 to Route 710. <u>Outcome/Output:</u> Replace cracked slabs, grind and pave with rubberized asphalt pavement, upgrade guardrail and crash cushions over 42 lane miles to extend pavement service life and ride quality. (Construction Support: \$900,000) | 07-4581 SHOPP/13-14 \$15,473,000 0713000002 4 294904 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.121 | \$416,000 \$11,556,000 |
| 23 \$25,840,000 Los Angeles 07-LA-5 19.2/28.9 | In the cities of Los Angeles, Glendale and Burbank, from North Main Street to East Verdugo Avenue. <u>Outcome/Output:</u> Replace cracked slabs, grind and pave asphalt pavement, upgrade guardrails, and install new concrete barrier over 64 lane miles to extend pavement service life and ride quality. (Construction Support: \$2,535,000) | 07-4589 SHOPP/13-14 \$21,713,000 0713000024 4 295604 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.121 | \$517,000 \$25,323,000 |
| 24 \$11,195,000 Los Angeles 07-LA-10 41.7/48.3 | In Pomona and Claremont, from Route 57 to San Bernardino County Line. <u>Outcome/Output:</u> Replace cracked slabs, grind and pave with rubberized asphalt pavement, upgrade guardrail and crash cushions over 66 lane miles to extend pavement service life and ride quality. (Construction Support: \$1,650,000) | 07-4582 SHOPP/13-14 \$15,900,000 0713000008 4 295004 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.121 | \$224,000 \$10,971,000 |
| 25 \$19,030,000 Los Angeles 07-LA-405 28.0/39.0 | In the city of Los Angeles, from Venice Boulevard to Route 101. <u>Outcome/Output:</u> Extend pavement service life and ride quality by replacing damaged concrete slabs; grind and overlay asphalt pavement; and install guardrail, curbs, and drainage improvements on 88 lane miles of roadway. (Construction Support: \$2,300,000) | 07-4602 SHOPP/13-14 \$23,280,000 0713000092 4 296804 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.121 | \$381,000 \$18,649,000 |
| 26 \$25,138,000 Los Angeles 07-LA-605 R0.0/20.5 | In and near Long Beach, Lakewood, Cerritos, Norwalk, Downey, Santa Fe Springs, Whittier, Pico Rivera, and Baldwin Park, from Orange County Line to Route 10. <u>Outcome/Output:</u> Extend pavement service life and ride quality over 45 lane miles of roadway. (Construction Support: \$6,000,000) | 07-4590 SHOPP/13-14 \$25,138,000 0713000025 4 295704 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.121 | \$503,000 \$24,635,000 |

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| 2.5b.(1) Projects Amended into the SHOPP by Department Action | | | | Resolution FP-13-41 |
| 27 \$25,000,000 Los Angeles 07-LA-Var Var | On various routes at various locations. <u>Outcome/Output:</u> Repair, replace and restore electrical equipment for highway facilities at 88 locations damaged by copper wire theft. New equipment to include theft deterrent features. (Construction Support: \$3,750,000) | 07-4575 SHOPP/13-14 \$25,000,000 0713000333 4 3X9504 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.131 | \$500,000 \$24,500,000 |
| 28 \$12,000,000 Ventura 07-Ven-Var Var. | On Various routes at various locations. <u>Outcome/Output:</u> Repair, replace and restore electrical equipment for highway facilities at 27 locations damaged by copper wire theft. New equipment to include theft deterrent features. (Construction Support: \$1,800,000) | 07-4576 SHOPP/13-14 \$12,000,000 0713000335 4 3X9604 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.131 | \$240,000 \$11,760,000 |
| 29 \$1,644,000 San Joaquin 10-SJ-12 R4.4 | At Terminous, at the Little Potato Slough Bridge No. 29-0101. <u>Outcome/Output:</u> Replace failed elastomeric bearing pads and joint seal assemblies, reconstruct and upgrade bridge guardrail, and rehabilitate bridge approach slabs to restore the bridge's structural integrity. (Construction Support: \$312,000) | 10-3031 SHOPP/13-14 \$2,000,000 1014000061 4 1C0204 | 2012-13 302-0042 SHA 302-0890 FTF 20.20.201.110 | \$33,000 \$1,611,000 |