State of California
DEPARTMENT OF TRANSPORTATION

California State Transportation Agency

Tab 84

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: March 26, 2015

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-14-37

RECOMMENDATION:

The California Department of Transportation (Department) recommends the California Transportation Commission allocate $77,757,000 for 23 projects programmed in the 2014 State Highway Operation and Protection Program (SHOPP) and $50,472,000 for 27 additional projects amended into the SHOPP by Department action.

ISSUE:

The attached vote list describes 50 SHOPP projects totaling $128,229,000. The Department is ready to proceed with these projects and is requesting an allocation at this time.

FINANCIAL RESOLUTION:

Resolved, that $128,229,000 be allocated from the Budget Act of 2013, Budget Act Items 2660-302-0042 and 2660-302-0890, for 50 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-14-37**
1 $930,000 Humboldt 01-Hum-36 30.2	Near Bridgeville, at 0.1 mile west of the McClellan Mountain Road. Outcome/Output: Construct underdrains and reconstruct the roadway surface to repair storm damaged roadway slip-out. Preliminary Engineering / Programmed / Expended PA&ED $135,000 $108,392 PS&E $499,000 $710,758 R/W Sup $46,000 $6,5080 (Construction Support: $270,000)	01-2333 SHOPP/14-15 $1,100,000 0112000119 4 0B3504	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.131	$107,000 $823,000
2 $1,147,000 Lake 01-Lak-20 1.1/3.9	Near Blue Lakes, from 1.1 to 3.9 miles east of the Mendocino/Lake County line. Outcome/Output: Construct new metal beam guard railing at 6 locations to reduce the severity of run-off-road collisions. Also install weed control mats under new guardrail. Preliminary Engineering / Programmed / Expended PA&ED $151,000 $258,442 PS&E $222,000 $239,375 R/W Sup $11,000 $8,286 (Construction Support: $622,000)	01-3082 SHOPP/14-15 $1,242,000 0100020432 4 0A6904	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.015	$23,000 $1,124,000
3 $2,097,000 Humboldt 01-Hum-101 R15.0	Near Redway, at 1.5 miles south of the Hurlbutt Undercrossing; also near Myers Flat at 1.1 miles south of Willford Road Undercrossing (PM 29.4). Outcome/Output: Reconstruct roadway structural section and install horizontal drains to repair storm damaged roadway slip-out at two locations. Preliminary Engineering / Programmed / Expended PA&ED $217,000 $101,060 PS&E $651,000 $447,213 R/W Sup $50,000 $0 (Construction Support: $436,000)	01-2338 SHOPP/14-15 $2,180,000 0112000124 4 0B4004	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.131	$42,000 $2,055,000
4 $4,420,000 Various 02-Sha-5 Var.	In Shasta and Siskiyou Counties at various locations. Outcome/Output: Repair unsound concrete, repair joint seals, place polyester concrete overlay, and reconstruct approaches at 14 bridges to extend the bridge service life. Preliminary Engineering / Programmed / Expended PA&ED $300,000 $201,114 PS&E $430,000 $159,773 R/W Sup $30,000 $0 (Construction Support: $890,000)	02-3517 SHOPP/14-15 $4,400,000 0213000013 4 4F6104	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.119	$88,000 $4,332,000

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-14-37**
5 $2,756,000 Sacramento 03-Sac-5 Var.	In and near Sacramento, on Routes 5, 50, 51 and 99 at various locations. Outcome/Output: Pave narrow areas and ramp gore areas, construct concrete slope paving, and place mulch materials to control vegetation at 116 locations. Work reduces worker exposure to traffic and improves the safety of maintenance personnel. Preliminary Engineering / Programmed / Expended PA&ED $70,000 $75,019 PS&E $225,000 $206,099 R/W Sup $18,000 $ 11,980 (Construction Support: $500,000)	03-5834 SHOPP/14-15 $2,775,000 0312000097 4 3F1704	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.235	$55,000 $2,701,000
6 $6,285,000 Sacramento 03-Sac-51 0.2/1.1	In the city of Sacramento, at Fort Sutter Viaduct (Bridge No. 24-0188R). Outcome/Output: Remove asphalt surfaces, repair unsound concrete, replace joint seals, and place polyester concrete overlay to extend the bridge service life. Preliminary Engineering / Programmed / Expended PA&ED $163,000 $92,539 PS&E $373,000 $229,446 R/W Sup $5,000 $ 0 (Construction Support: $728,000)	03-6403 SHOPP/14-15 $8,078,000 0312000055 4 3F0804	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.119	$126,000 $6,159,000
7 $890,000 Alameda 04-Ala-680 R20.0/R20.3	In Pleasanton and Dublin, at the 580/680 Interchange. Outcome/Output: Replace metal beam guardrail with concrete barrier to improve safety by reducing collision severity and maintenance worker exposure. Preliminary Engineering / Programmed / Expended PA&ED $75,000 $0 PS&E $117,000 $107,355 R/W Sup $32,000 $0 (Construction Support: $149,000)	04-0272K SHOPP/14-15 $1,065,000 0400020752 4 2G4104	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.015	$18,000 $872,000
8 $2,515,000 Marin 04-Mrn-1 10.9	Near Stinson Beach, 0.2 mile north of Dipsea Trail. Outcome/Output: Construct retaining wall, drainage systems and reconstruct roadway to repair storm damage land-slide. Preliminary Engineering / Programmed / Expended PA&ED $440,000 $454,541 PS&E $2,300,000 $1,835,647 R/W Sup $100,000 $71,470 (Construction Support: $650,000)	04-0313E SHOPP/14-15 $2,200,000 0400001217 4 4S2204	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.131	$50,000 $2,465,000

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-14-37**
9 $1,259,000 San Mateo 04-SM-92 5.4/6.2	Near the city of San Mateo, at various locations from Skyline Boulevard to Skyline Quarry Road; also in Solano County, in Benicia on Route 780 at various locations, from 0.2 mile south of East 5th Street to 0.4 mile north of East 2nd Street. Outcome/Output: Install new guardrail along steep embankment locations to reduce the severity of collisions. Preliminary Engineering / Programmed / Expended PA&ED $121,000 $311,571 PS&E $242,000 $775,414 R/W Sup $121,000 $4,852 (Construction Support: $363,000)	04-0730G SHOPP/14-15 $1,262,000 0400020617 4 1G8504	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.015	$25,000 $1,234,000
10 $3,538,000 San Mateo 04-SM-280 R0.3/R27.1	In various cities at various locations, from the San Francisquito Creek Bridge to Route 1; also in Foster City, on Route 92 at PM R14.4. Outcome/Output: Upgrade metal beam guard rail connections to standard to reduce the severity of collisions. Preliminary Engineering / Programmed / Expended PA&ED $297,000 $377,973 PS&E $745,000 $601,973 R/W Sup $90,000 $0 (Construction Support: $620,000)	04-0730B SHOPP/14-15 $3,300,000 0400020615 4 1G8304	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.015	$71,000 $3,467,000
11 $412,000 San Mateo 04-SM-280 R25.5	In Daly City, at the Sullivan Avenue onramp. Outcome/Output: Restore side slopes, place rock slope protection, and reconstruct drainage systems to repair two storm damage wash-out locations. Preliminary Engineering / Programmed / Expended PA&ED $352,000 $204,478 PS&E $235,000 $223,994 R/W Sup $35,000 $0 (Construction Support: $231,000)	04-0733H SHOPP/14-15 $760,000 0412000621 4 4G6304	2013-14 302-0042 SHA 20.20.201.131	$412,000
12 $2,490,000 Santa Barbara 05-SB-101 13.2/27.1	In and near the cities of Santa Barbara and Goleta, from Salsipuedes Street to 0.3 mile north of Cathedral Oaks Road. Outcome/Output: Pave miscellaneous roadside areas, construct access gates and weed barriers, and relocate facilities at 75 locations. Work reduces worker exposure to traffic and improves the safety of maintenance personnel. Preliminary Engineering / Programmed / Expended PA&ED $250,000 $125,195 PS&E $500,000 $541,022 R/W Sup $6,000 $0 (Construction Support: $800,000)	05-2256 SHOPP/14-15 $2,429,000 0500020289 4 0S2504	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.235	$50,000 $2,440,000

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-14-37**
13 $2,394,000 Kern 06-Ker-58 R99.2/R99.8	Near Tehachapi, at the Sand Canyon Road Undercrossing (Bridge No. 50-0345R). Outcome/Output: Replace eastbound bridge and resurface ramps to restore bridge load capacity. Preliminary Engineering / Programmed / Expended PA&ED $0 $0 PS&E $752,000 $783,482 R/W Sup $6,000 $0 (Construction Support: $730,000)	06-6588 SHOPP/14-15 $3,000,000 0612000095 4 0M2604	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.110	$48,000 $2,346,000
14 $940,000 Kern 06-Ker-99 21.6/24.7	In Bakersfield at various locations, from 0.1 mile north of Planz Road to 0.1 mile north of California Avenue. Outcome/Output: Construct maintenance vehicle pullouts and gore area textured paving at 16 locations to reduce worker exposure to traffic, enhance worker access, and improve the safety of maintenance personnel. Preliminary Engineering / Programmed / Expended PA&ED $167,000 $72,453 PS&E $420,000 $454,255 R/W Sup $6,000 $0 (Construction Support: $300,000)	06-3541 SHOPP/14-15 $2,170,000 0612000122 4 0E3404	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.235	$19,000 $921,000
15 $1,900,000 Ventura 07-Ven-101 14.1/21.1	In Camarillo, from Lewis Road to north of Rose Avenue. Outcome/Output: Storm water mitigation treating 25 acres. Project restores receiving water bodies to water quality required by the regulatory agencies. Preliminary Engineering / Programmed / Expended PA&ED $475,000 $0 PS&E $2,000,000 $1,206,739 R/W Sup $179,000 $0 (Construction Support: $2,000,000)	07-4173 SHOPP/14-15 $15,512,000 0712000100 4 276004	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.335	$38,000 $1,862,000
16 $7,205,000 Amador 10-Ama-88 46.9/R54.7	Near Peddler Hill, from east of Cat Creek to west of Foster Meadow Road. Outcome/Output: Rehabilitate 17 lane miles of pavement by digging out and repairing localized areas of failures, place rubberized asphalt over existing asphalt pavement to extend pavement service life and to improve ride quality. Preliminary Engineering / Programmed / Expended PA&ED $133,000 $77,883 PS&E $449,000 $407,663 R/W Sup $13,000 $0 (Construction Support: $516,000)	10-0168 SHOPP/14-15 $8,432,000 1000020647 4 0Q2204	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.121	$144,000 $7,061,000

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-14-37**
17 $6,245,000 Amador 10-Ama-88 R54.7/R60.8	Near Silver Lake, from east of Peddler Hill Road to west of Tragedy Springs Road. Outcome/Output: Rehabilitate 14.2 lane miles of pavement by digging out and repairing localized areas of failures, apply hot mix asphalt overlay, replace dikes, and repair drainage to extend pavement service life and to improve ride quality. Preliminary Engineering / Programmed / Expended PA&ED $70,000 $0 PS&E $560,000 $343,322 R/W Sup $2,000 $0 (Construction Support: $424,000)	10-0303 SHOPP/14-15 $6,810,000 1012000017 4 0W5904	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.121	$125,000 $6,120,000
18 $4,992,000 San Joaquin 10-SJ-4 0.0/R8.3	Near Holt, from the Contra Costa County line to east of Bacon Island Road/Trapper Road. Outcome/Output: Rehabilitate 16.6 lane miles of pavement by repairing localized areas of failures, pave rubberized asphalt pavement on roadway, construct rumble strip and replace roadway signs to extend pavement service life. Preliminary Engineering / Programmed / Expended PA&ED $150,000 $56,289 PS&E $400,000 $0 R/W Sup $50,000 $0 (Construction Support: $800,000)	10-7012 SHOPP/14-15 $6,300,000 1013000253 4 3A7504	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.121	$100,000 $4,892,000
19 $3,654,000 Stanislaus 10-Sta-120 0.0/4.1	Near Oakdale, from the Stanislaus County line to west of the Stanislaus River Bridge. Outcome/Output: Rehabilitate 8.6 lane miles of pavement by repairing localized failures, pave roadway with rubberized asphalt, construct rumble strip, replace existing dikes, upgrade ADA curb ramps and push buttons at pedestrian crossings, install traffic count loops and perform minor drainage work. Preliminary Engineering / Programmed / Expended PA&ED $116,000 $109,581 PS&E $384,000 $0 R/W Sup $2,000 $0 (Construction Support: $374,000)	10-9649 SHOPP/14-15 $3,948,000 1013000051 4 0K1404	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.121	$73,000 $3,581,000
20 $332,000 Tuolumne 10-Tuo-108 L5724	In Sonora, at the Old Sonora Maintenance Station. Outcome/Output: Clean up soil and groundwater at the maintenance station to remediate petroleum hydrocarbon impacted soil and ground water beneath the site. Preliminary Engineering / Programmed / Expended PA&ED $87,000 $101,233 PS&E $199,000 $254,635 R/W Sup $1,000 $0 (Construction Support: $72,000)	10-0155 SHOPP/14-15 $367,000 1000000191 4 0P6704	2013-14 302-0042 SHA 20.20.201.330	$332,000

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-14-37**
21 $1,046,000 San Diego 11-SD-5 R31.7	In the city of San Diego, at 0.1 mile south of Carmel Mountain Road. Outcome/Output: Storm water mitigation treating 1 acre. Project stabilizes slope. Also drainage conveyance system within the work limits will be cleaned and flushed. Preliminary Engineering Programmed Expended PA&ED $241,000 $166,863 PS&E $337,000 $319,701 R/W Sup $31,000 $0 (Construction Support: $339,000)	11-0909 SHOPP/14-15 $1,303,000 1100000313 4 282304	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.335	$21,000 $1,025,000
22 $19,110,000 San Diego 11-SD-75 R21.0/R21.6	In the city of San Diego, from 0.9 mile north to 1.5 miles north of Glorietta Boulevard. Outcome/Output: Clean and paint steel surfaces on the San Diego – Coronado Bay Bridge to restore and prevent further deterioration. Build traveler systems to conduct fracture critical inspections safely and more efficiently. Preliminary Engineering Programmed Expended PA&ED $368,000 $140,789 PS&E $691,000 $1,295,592 R/W Sup $2,000 $0 (Construction Support: $3,354,000)	11-1059 SHOPP/14-15 $20,031,000 1112000070 4 409304	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.110	$382,000 $18,728,000
23 $1,200,000 Orange 12-Ora-55 9.6/12.0	In Tustin and Santa Ana, from McFadden to 17th Street; also on Route 5 from Newport Avenue to 4th Street (PM 29.6/31.1). Outcome/Output: Construct maintenance vehicle pullouts, pave miscellaneous areas, build maintenance stairways, and repair existing rock blanket to improve the safety of maintenance personnel. Preliminary Engineering Programmed Expended PA&ED $80,000 $69,439 PS&E $150,000 $114,981 R/W Sup $0 $15 (Construction Support: $130,000)	12-3449 SHOPP/14-15 $1,200,000 1212000063 4 0H8904	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.235	$10,000 $1,190,000

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) Projects Amended into the SHOPP by Department Action				**Resolution FP-14-37**
24 $825,000 Humboldt 01-Hum-Var. Var.	In Humboldt, Del Norte, Mendocino and Lake Counties, at various maintenance stations and safety roadside rest areas. Outcome/Output: Replace inefficient plumbing fixtures at 15 maintenance stations and leaking storage tanks at 3 safety roadside rest areas to improve water conservation and drought tolerance. Preliminary Engineering / Programmed / Expended PA&ED $0 $0 PS&E $0 $0 R/W Sup $0 $0 (Construction Support: $50,000)	01-7014 SHOPP/14-15 $825,000 0114000098 4 0E5404	2013-14 302-0042 SHA 20.20.201.131	$825,000
25 $539,000 Lassen 02-Las-395 49.6	Near Janesville, at the Honey Lake Safety Roadside Rest Area. Outcome/Output: Drill replacement well and install pump, filter, plumbing and electrical service to improve water conservation and drought tolerance. Preliminary Engineering / Programmed / Expended PA&ED $0 $0 PS&E $80,000 $0 R/W Sup $3,000 $0 (Construction Support: $300,000)	02-3593 SHOPP/14-15 $539,000 0215000058 4 0H7104	2013-14 302-0042 SHA 20.20.201.131	$539,000
26 $3,300,000 Shasta 02-Sha-Var. Var.	In Shasta, Butte, Lassen and Plumas Counties at various locations. Outcome/Output: Pave shoulders and install lighting and signage at six chain control locations to improve the safety of maintenance personnel during snow storm operations. Preliminary Engineering / Programmed / Expended PA&ED $400,000 $124,419 PS&E $600,000 $284,694 R/W Sup $100,000 $78,644 (Construction Support: $600,000)	02-3479A SHOPP/14-15 $3,300,000 0214000051 4 4E8124	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.235	$66,000 $3,234,000
27 $420,000 Tehama 02-Teh-5 Var.	In Tehama County on Routes 5 and 36 at various locations; also in Siskiyou County on Route 5 at various locations. Outcome/Output: Upgrade control units, flow sensors, valves, and other water irrigation system equipment at 8 locations to improve water conservation and drought tolerance. Preliminary Engineering / Programmed / Expended PA&ED $0 $0 PS&E $30,000 $0 R/W Sup $10,000 $0 (Construction Support: $140,000)	02-3585 SHOPP/14-15 $420,000 0215000059 4 0H7004	2013-14 302-0042 SHA 20.20.201.131	$420,000

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) Projects Amended into the SHOPP by Department Action				**Resolution FP-14-37**
28 $620,000 El Dorado 03-ED-49 36.5/36.7	In El Dorado County, on Routes 49 and 50, at various locations; also in Sacramento and Yolo Counties on Route 80 at various locations. Outcome/Output: Place a thin high-friction surface treatment to reduce potential for both wet and dry weather collisions at four locations to improve safety and reduce the number and severity of collisions. Preliminary Engineering Programmed Expended PA&ED $140,000 $110,366 PS&E $140,000 $0 R/W Sup $20,000 $0 (Construction Support: $140,000)	03-3306 SHOPP/14-15 $610,000 0314000157 4 4F3904	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.010	$12,000 $608,000
29 $400,000 Sacramento 03-Sac-5 0.1/18.4	In Sacramento and San Joaquin Counties, at various locations. Outcome/Output: Construct 4 paved emergency vehicle median crossovers and 9 maintenance vehicle pull-outs to provide safe all-weather access. Preliminary Engineering Programmed Expended PA&ED $265,000 $0 PS&E $291,000 $0 R/W Sup $25,000 $0 (Construction Support: $314,000)	03-5845 SHOPP/14-15 $1,000,000 0314000145 4 4F3304	2013-14 302-0042 SHA 20.20.201.310	$400,000
30 $832,000 San Mateo 04-SM-280 9.4	Near Belmont, at 1.4 miles south of Route 92. Outcome/Output: Install new culvert to replace failed existing culvert and restore previous storm damage. Preliminary Engineering Programmed Expended PA&ED $430,000 $0 PS&E $123,000 $0 R/W Sup $70,000 $0 (Construction Support: $250,000)	04-0729Q SHOPP/14-15 $840,000 0414000366 4 4G5914	2013-14 302-0042 SHA 20.20.201.131	$832,000
31 $3,312,000 Fresno 06-Fre-Var. Var.	In Fresno County on Routes 5, 41, 99, 168 and 180 at various locations. Outcome/Output: Repair approximately 100 acres of irrigation systems and 36 booster pumps to improve water conservation and drought tolerance. Preliminary Engineering Programmed Expended PA&ED $0 $0 PS&E $10,000 $0 R/W Sup $0 $0 (Construction Support: $590,000)	06-6743 SHOPP/14-15 $3,312,000 0615000088 4 0T4204	2013-14 302-0042 SHA 20.20.201.131	$3,312,000

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) Projects Amended into the SHOPP by Department Action				**Resolution FP-14-37**
32 $2,437,000 Kern 06-Ker-Var. Var.	In Kern, Tulare and Kings Counties on Route 5, 58, 99, 178, 65, 190, and 198 at various locations. Outcome/Output: Repair approximately 110 acres of irrigation systems and 23 booster pumps to improve water conservation and drought tolerance. Preliminary Engineering / Programmed / Expended PA&ED $0 $0 PS&E $10,000 $0 R/W Sup $0 $0 (Construction Support: $430,000)	06-6742 SHOPP/14-15 $2,437,000 0615000087 4 0T4104	2013-14 302-0042 SHA 20.20.201.131	$2,437,000
33 $2,981,000 Kings 06-Kin-198 R15.7	Near Hanford, at the Hanford-Armona Road Undercrossing (Bridge No. 45-0078). Outcome/Output: Replace bridge deck to restore bridge load capacity. Preliminary Engineering / Programmed / Expended PA&ED $0 $0 PS&E $260,000 $0 R/W Sup $3,000 $0 (Construction Support: $780,000)	06-6712 SHOPP/14-15 $3,720,000 0614000172 4 462214	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.110	$60,000 $2,921,000
34 $591,000 Tulare 06-Tul-198 R14.6	In Farmersville, at the County Road 164 Overcrossing (Bridge No. 46-0217). Outcome/Output: Repair steel girders that were damaged due to a high-load vehicle hit. Preliminary Engineering / Programmed / Expended PA&ED $50,000 $0 PS&E $280,000 $0 R/W Sup $2,000 $0 (Construction Support: $235,000)	06-6722 SHOPP/14-15 $988,000 0614000264 4 0S5904	2013-14 302-0042 SHA 20.20.201.131	$591,000
35 $1,283,000 Los Angeles 07-LA-1 28.5/34.5	In the cities of Playa Vista, Marina Del Rey, Venice and Santa Monica, from Westchester Parkway to Route 10; also on Route 405 and Route 10 at various bridges. Outcome/Output: Seal bridge decks with methacrylate, replace joint seals, paint bridges, repair barrier and spalls on the deck surfaces on 14 bridges. Preliminary Engineering / Programmed / Expended PA&ED $0 $0 PS&E $260,000 $223,815 R/W Sup $5,000 $0 (Construction Support: $260,000)	07-4793 SHOPP/14-15 $1,203,000 0713000438 4 2W7004	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.119	$26,000 $1,257,000

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) Projects Amended into the SHOPP by Department Action				**Resolution FP-14-37**
36 $1,192,000 Los Angeles 07-LA-110 7.0/16.7	In the cities of Carson, Gardena and South Los Angeles, from Carson Street to 76th Street at various bridges. Outcome/Output: Seal bridge decks with methacrylate, replace joint seals, repair spalls and approach and departure slabs on 23 bridges to extend bridge service life. Preliminary Engineering / Programmed / Expended PA&ED $0 $0 PS&E $260,000 $215,176 R/W Sup $5,000 $0 (Construction Support: $260,000)	07-4794 SHOPP/14-15 $1,360,000 0713000442 4 2W7304	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.119	$24,000 $1,168,000
37 $1,170,000 Los Angeles 07-LA-110 16.9/23.7	In the city of Los Angeles, from Florence Avenue to Route 101 at various bridges. Outcome/Output: Seal bridge decks with methacrylate, replace joint seals, repair spalls and approach and departure slabs on 20 bridges to extend bridge service life. Preliminary Engineering / Programmed / Expended PA&ED $0 $0 PS&E $260,000 $197,537 R/W Sup $5,000 $0 (Construction Support: $260,000)	07-4795 SHOPP/14-15 $1,250,000 0713000437 4 2W7404	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.119	$23,000 $1,147,000
38 $878,000 Los Angeles 07-LA-405 1.6/15.8	In the cities of Long Beach and Signal Hill, from Woodruff Avenue to 182nd Street; also on Route 710 at various bridges. Outcome/Output: Seal bridge decks with methacrylate, replace joint seals, patch spalls on 16 bridges to extend bridge service life. Preliminary Engineering / Programmed / Expended PA&ED $0 $0 PS&E $280,000 $243,232 R/W Sup $5,000 $0 (Construction Support: $315,000)	07-4796 SHOPP/14-15 $1,414,000 0713000448 4 2W7504	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.119	$18,000 $860,000
39 $4,916,000 Calaveras 10-Cal-4 R0.0/R21.1	In and near Copperopolis, from the Stanislaus County line to Route 49. Outcome/Output: Rehabilitate 38 lane miles of pavement by placing asphalt concrete overlay to extend pavement service life and improve ride quality. Preliminary Engineering / Programmed / Expended PA&ED $30,000 $4,035 PS&E $110,000 $27,605 R/W Sup $6,000 $0 (Construction Support: $300,000)	10-3063 SHOPP/14-15 $5,510,000 1012000291 4 0X3904	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.121	$98,000 $4,818,000

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) Projects Amended into the SHOPP by Department Action				**Resolution FP-14-37**
40 $2,512,000 Merced 10-Mer-5 21.4	In Santa Nella, at the San Luis Wasteway Bridge No. 39-0167L/R. Outcome/Output: Repair bridge decks and approach and departure slabs to extend bridge service life. Preliminary Engineering / Programmed / Expended PA&ED $20,000 $5,869 PS&E $70,000 $73,299 R/W Sup $10,000 $0 (Construction Support: $450,000)	10-3064 SHOPP/14-15 $2,201,000 1013000003 4 0X6104	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.119	$50,000 $2,462,000
41 $350,000 San Joaquin 10-SJ-Var. Var.	In San Joaquin County on Routes 4, 5, and 99 at various locations. Outcome/Output: Upgrade and improve the existing irrigation systems with current smart technology components to maximize water conservation. Preliminary Engineering / Programmed / Expended PA&ED $6,000 $0 PS&E $12,000 $0 R/W Sup $0 $0 (Construction Support: $68,000)	10-3085 SHOPP/14-15 $350,000 1015000049 4 1E3904	2013-14 302-0042 SHA 20.20.201.131	$350,000
42 $3,500,000 San Joaquin 10-SJ-99 18.5/22.9	In and near Stockton, from north of Marsh Street Pedestrian Overcrossing to south of the Hammer Lane Overcrossing. Outcome/Output: Rehabilitate 4.6 miles of pavement by repairing localized failed areas and replacing asphalt pavement below overcrossings with concrete slabs. Project will extend pavement service life and improve ride quality. Preliminary Engineering / Programmed / Expended PA&ED $30,000 $345,577 PS&E $110,000 $330,686 R/W Sup $6,000 $0 (Construction Support: $300,000) (EA 0Y900, PPNO 3060 combined with EA 1C420, PPNO 3100 for construction under EA 0Y90U, Project ID 1015000055.)	10-3060 SHOPP/14-15 $5,000,000 1014000044 4 0Y9004	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.121	$70,000 $3,430,000
43 $1,200,000 San Joaquin 10-SJ-Var. Var.	In San Joaquin, Amador, Calaveras, Mariposa, Merced, Stanislaus, and Tuolumne Counties on various highways at various locations. Outcome/Output: Rehabilitate signs and lighting by replacing 140 overhead/road side/gore area sign panels and lighting to improve highway efficiency and safety for vehicle traffic. Preliminary Engineering / Programmed / Expended PA&ED $63,000 $33,699 PS&E $359,000 $0 R/W Sup $5,000 $0 (Construction Support: $368,000)	10-3071 SHOPP/14-15 $1,200,000 1014000105 4 1C0004	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.170	$24,000 $1,176,000

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) Projects Amended into the SHOPP by Department Action				**Resolution FP-14-37**
44 $1,424,000 Tuolumne 10-Tuo-49 R8.8/12.8	In and near Chinese Camp, from Route 120 to Chicken Ranch Road. Outcome/Output: Rehabilitate 9 lane miles of pavement by placing asphalt concrete overlay to extend pavement service life and to improve ride quality. Preliminary Engineering / Programmed / Expended PA&ED $28,000 $2,743 PS&E $105,000 $29,532 R/W Sup $4,000 $0 (Construction Support: $95,000)	10-3059 SHOPP/14-15 $1,200,000 1013000134 4 0X4204	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.121	$28,000 $1,396,000
45 $5,458,000 Imperial 11-Imp-8 R28.0/R40.9	In and near El Centro, east of Westside Road to Route 111. Outcome/Output: Rehabilitate 52 lane miles of pavement by overlaying rubberized asphalt on roadway surface to extend pavement service life and improve ride quality. Preliminary Engineering / Programmed / Expended PA&ED $0 $0 PS&E $540,000 $120,073 R/W Sup $3,000 $0 (Construction Support: $730,000)	11-0597 SHOPP/14-15 $5,460,000 1114000092 4 2M7804	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.121	$109,000 $5,349,000
46 $4,111,000 Imperial 11-Imp-111 23.9/40.5	In and near Brawley and Calipatria, from New River Bridge to Main Street. Outcome/Output: Rehabilitate 33 lane miles of pavement by placing asphalt rubber seal coat on roadway surface to extend pavement service life and improve ride quality. Preliminary Engineering / Programmed / Expended PA&ED $5,000 $0 PS&E $490,000 $186,571 R/W Sup $5,000 $0 (Construction Support: $495,000)	11-0544 SHOPP/14-15 $4,600,000 1114000075 4 2M7404	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.121	$82,000 $4,029,000
47 $3,419,000 San Diego 11-SD-5 8.3/R19.8	In the cities of San Diego, Chula Vista, and National City, from F Street to north of Rosecrans Street; also in various cities, on various routes at various locations. Outcome/Output: Replace existing irrigation controllers with smart controllers and other efficient irrigation components to maximize water conservation at 246 locations. Preliminary Engineering / Programmed / Expended PA&ED $0 $0 PS&E $100,000 $0 R/W Sup $0 $0 (Construction Support: $925,000)	11-1147 SHOPP/14-15 $3,419,000 1115000069 4 420904	2013-14 302-0042 SHA 20.20.201.131	$3,419,000

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) Projects Amended into the SHOPP by Department Action				**Resolution FP-14-37**
48 $888,000 Orange 12-Ora-5 Var	In various cities, on various routes at various locations. <u>Outcome/Output</u>: Replace existing flow sensors and master valves. Repair irrigation systems and convert portable water irrigation systems to recycled water systems to maximize water conservation at 300 locations. Preliminary Engineering / Programmed / Expended PA&ED $0 $0 PS&E $0 $0 R/W Sup $0 $0 (Construction Support: $119,000)	12-2530M SHOPP/14-15 $888,000 1215000048 4 0P1804	2013-14 302-0042 SHA 20.20.201.131	$888,000
49 $1,026,000 Orange 12-Ora-405 8.4/10.0	In Costa Mesa, from Red Hill Avenue to Bear Street; also on Route 55 from Paularino Avenue to Main Street (PM R5.5/R6.4) <u>Outcome/Output</u>: Replace existing flow sensors and master valves. Repair irrigation system components to maximize water conservation at 250 locations. Preliminary Engineering / Programmed / Expended PA&ED $0 $0 PS&E $0 $0 R/W Sup $0 $0 (Construction Support: $108,000)	12-5011B SHOPP/14-15 $1,026,000 1215000047 4 0P1704	2013-14 302-0042 SHA 20.20.201.131	$1,026,000
50 $888,000 Orange 12-Ora-405 Var	In various cities, on various routes at various locations. <u>Outcome/Output:</u> Replace existing flow sensors and master valves. Repair irrigation system components to maximize water conservation at 300 locations. Preliminary Engineering / Programmed / Expended PA&ED $0 $0 PS&E $0 $0 R/W Sup $0 $0 (Construction Support: $119,000)	12-4926E SHOPP/14-15 $888,000 1215000046 4 0P1604	2013-14 302-0042 SHA 20.20.201.131	$888,000