

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: June 30-July 1, 2010

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-09-47**

## **RECOMMENDATION:**

The California Department of Transportation (Department) recommends the California Transportation Commission allocate \$102,291,000 for 18 projects programmed in the 2008 State Highway Operation and Protection Program (SHOPP) and \$112,106,000 for 26 additional projects amended into the SHOPP by department action.

## **ISSUE:**

The attached vote list describes 44 SHOPP projects totaling \$214,397,000. Although the State Highway Account is over-allocated, these allocations represent only \$17,929,000 from that account, leveraging \$196,468,000 from federal sources. The Department is ready to proceed with these projects and is requesting an allocation at this time.

## **FINANCIAL RESOLUTION:**

Resolved, that \$214,397,000 be allocated from the Budget Act of 2007, Budget Act Items 2660-302-0042 and 2660-302-0890 for the 44 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	EA PPNO Program/Year Prgm'd Amount	Budget Year Item # Fund Type	Amount by Fund Type
<b>2.5b.(1) SHOPP Projects</b>		<b>Resolution FP-09-47</b>		
1 \$1,100,000 Humboldt 01N-Hum-36 29.0/29.5	Near Bridgeville, from 3.8 to 4.3 miles east of Little Larabe Creek Bridge. <u>Outcome/Output:</u> Reconstruct failed cut slope, repair shoulders, install tie-back wall and metal beam guardrail, and upgrade drainage system at 1 location damaged by heavy rainfall.	475601 01-2222 SHOPP/09-10 \$1,430,000	2007-08 302-0042 SHA 302-0890 FTF	\$126,000 \$974,000
2 \$14,500,000 Lake 01N-Lak-53 3.1/7.4	Near Clearlake, from north of 40 <sup>th</sup> Avenue to Route 20. <u>Outcome/Output:</u> Rehabilitate 4.3 lane miles of pavement to improve ride quality, prevent further deterioration of the road surface, minimize the costly roadway repairs, and extend the pavement service life.	398601 01-0129I SHOPP/09-10 \$15,496,000	2007-08 302-0042 SHA 302-0890 FTF	\$1,450,000 \$13,050,000
3 \$300,000 Mendocino 01N-Men-1 74.7/75.9	Near Westport, 4.0 miles south of Sachooneer Gulch Bridge to 1.1 miles north of Blue Side Gulch Bridge at various locations. <u>Outcome/Output:</u> Repair shoulders, rebuilt roadway, install rock buttress to stabilize slide area, and repair culverts damaged by heavy rainstorm.	472901 01-4449 SHOPP/09-10 \$921,000	2007-08 302-0042 SHA 302-0890 FTF	\$34,000 \$266,000
4 \$736,000 Mendocino 01N-Men-162 14.0/19.8	Near Dos Rios, from 1.1 miles west of middle Fork Eel River Bridge to 0.1 mile west of Sand Bank Creek. <u>Outcome/Output:</u> Remove slide material, reconstruct embankment, reconstruct roadway, install underdrain system, and install culvert at 3 locations damaged by heavy rainstorm.	476501 01-4466 SHOPP/09-10 \$1,079,000	2007-08 302-0042 SHA 302-0890 FTF	\$84,000 \$652,000
5 \$4,400,000 Trinity 02N-Tri-3 68.5	North of Trinity Center, at Trinity River Bridge; also at Minnehaha Creek Bridge (PM 70.7). <u>Outcome/Output:</u> Scour retrofit the piers of Trinity River Bridge #05-0028 and replace the Minnehaha Creek Bridge #05-0048 to maintain structural integrity, reduce the risk to lives and properties, and to comply with the Bridge Scour Report recommendation.	2C9901 02-3248 SHOPP/09-10 \$6,981,000	2007-08 302-0042 SHA 302-0890 FTF	\$505,000 \$3,895,000
6 \$1,500,000 El Dorado 03N-ED-50 32.0/40.0	Near Placerville, at various locations; also on Routes 49,153, and 193 at various locations. <u>Outcome/Output:</u> Rehabilitate culverts at various locations by replacing or repairing the existing culverts to prevent further deterioration, maintain structural integrity, and extend service life.	3C7601 03-3259 SHOPP/09-10 \$2,251,000	2007-08 302-0042 SHA 302-0890 FTF	\$172,000 \$1,328,000
7 \$13,750,000 El Dorado 03N-ED-50 77.3/79.3	In South Lake Tahoe, from Trout Creek to Ski Run Boulevard. <u>Outcome/Output:</u> Construct water quality collection and treatment facilities to comply with California Regional Water Quality Control Board.  (SHOPP project EA 03-1A7331 is combined for construction with STIP project EA 03-436010 under new EA 03-1A73U1. Concurrent STIP vote under 2.5c.(4), Project 3.)	1A7331 03-3233C SHOPP/09-10 \$20,000,000	2007-08 302-0042 SHA 302-0890 FTF	\$1,577,000 \$12,173,000
8 \$270,000 Alameda 04N-Ala-680 R8.7	Near Fremont, at the Mission Weigh Station. <u>Outcome/Output:</u> Replace the roof and install ventilation fans at the Mission Grade Weigh Station in the inspection area to improve the working environment of the California Highway Patrol Officers stationed at this facility.	3A9501 04-0165H SHOPP/09-10 \$463,000	2007-08 302-0042 SHA	\$270,000
9 \$422,000 Tulare 06S-Tul-63 Var.	In Visalia, Orosi, and Cutler at various locations. <u>Outcome/Output:</u> Construct 18 sidewalk curb ramps at various locations in compliance with the Americans with Disabilities Act.	0G9501 06-6347 SHOPP/09-10 \$1,066,000	2007-08 302-0042 SHA	\$422,000
10 \$5,866,000 Los Angeles 07S-LA-5 15.8/16.9	In the City of Los Angeles, from north of Lorena to north of 7 <sup>th</sup> Street. <u>Outcome/Output:</u> Upgrade 5850 feet of metal beam guard rail to concrete barrier to reduce maintenance costs and to reduce maintenance workers exposure to traffic.	184101 07-2172 SHOPP/09-10 \$6,753,000	2007-08 302-0890 FTF	\$5,866,000
11 \$21,563,000 Los Angeles 07S-LA-60 23.9/30.5	In Diamond Bar and Pomona, from Route 57 to San Bernardino County line. <u>Outcome/Output:</u> Rehabilitate the pavement by replacing damaged slabs, cold plane and overlay asphalt concrete on 77 lane miles of pavement to provide a smoother ride.	253301 07-3736 SHOPP/09-10 \$25,999,000	2007-08 302-0042 SHA 302-0890 FTF	\$2,473,000 \$19,090,000

2.5 Highway Financial Matters

Project # Allocation Amount County Dist-Co-Rte Postmile	Location Project Description	EA PPNO Program/Year Prgm'd Amount	Budget Year Item # Fund Type	Amount by Fund Type
<b>2.5b.(1) SHOPP Projects</b>				<b>Resolution FP-09-47</b>
12 \$3,561,000 Los Angeles 07S-LA-110 1.3/21.3	In the City of Los Angeles, from north of Channel Street to south of Route 10. <u>Outcome/Output:</u> Upgrade 69 end treatments and reconstruct 3830 lineal feet of guardrail to improve safety.	256101 07-3780 SHOPP/09-10 \$3,377,000	2007-08 302-0890 FTF	\$3,561,000
13 \$21,500,000 Los Angeles 07S-LA-405 24.6/25.8	In Culver City, from La Tijera Boulevard on-ramp to Jefferson Boulevard off-ramp. <u>Outcome/Output:</u> Construct an auxiliary lane to improve traffic flow and reduce congestion.	241301 07-3348 SHOPP/09-10 \$24,241,000	2007-08 302-0042 SHA 302-0890 FTF	\$1,812,000 \$19,688,000
14 \$1,841,000 Ventura 07S-Ven-101 41.9/42.1	Near Punta Gorda, 2 miles south of Santa Barbara county line. <u>Outcome/Output:</u> Replace two drainage systems to minimize runoff and reduce erosion.	174801 07-2067 SHOPP/09-10 \$1,841,000	2007-08 302-0042 SHA 302-0890 FTF	\$211,000 \$1,630,000
15 \$1,860,000 Alpine 10N-Alp-88 5.3	Near Red Lake, at Carson Pass near Woodlake Road. <u>Outcome/Output:</u> Remove unstable rocks, flatten existing slope, and provide catchment area at one location.	0S1701 10-0148 SHOPP/09-10 \$2,930,000	2007-08 302-0890 FTF	\$1,860,000
16 \$1,523,000 Stanislaus 10N-Sta-33 23.4	Near Westley, at Ingram Creek Bridge (Bridge #38-018). <u>Outcome/Output:</u> Remove and replace one bridge due to severe scouring and erosion under abutments and footings.	2A2901 10-0032 SHOPP/09-10 \$1,984,000	2007-08 302-0890 FTF	\$1,523,000
17 \$1,699,000 San Diego 11S-SD-5 R40.1	In Encinitas, on Route 5 at MacKinnon Ave and on Route 805 from 0.3 miles to 0.1 mile south of Murray Ridge Road. <u>Outcome/Output:</u> Seed 28.9 acres to stabilize slopes and reduce erosion.	292401 11-0917 SHOPP/09-10 \$1,699,000	2007-08 302-0042 SHA 302-0890 FTF	\$143,000 \$1,556,000
18 \$5,900,000 San Diego 11S-SD-5 R59.4/R60.0	Near Oceanside, at Aliso Creek Safety Roadside Rest Areas. <u>Outcome/Output:</u> Rehabilitate two roadside rest areas to comply with American with Disabilities Act standards and Occupational Safety and Health Administration requirements.	261401 11-0897 SHOPP/09-10 \$7,247,000	2007-08 302-0890 FTF	\$5,900,000

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<b>2.5b.(1) SHOPP Projects Amended into the SHOPP by Department Action</b>				<b>Resolution FP-09-47</b>
19 \$610,000 Lake 01N-Lak-53 3.6	Near Clearlake, at Olympic Boulevard. <u>Outcome/Output:</u> Install 3-way traffic signals at one location to improve safety and reduce the number and severity of collisions.	492701 01-3074 SHOPP/09-10 \$610,000	2007-08 302-0042 SHA 302-0890 FTF	\$61,000 \$549,000
20 \$273,000 Lassen 02N-Las-36 25.4	In Susanville at Route 139. <u>Outcome/Output:</u> Upgrade traffic signal and lighting and bring pedestrian facilities to ADA standards at one intersection to improve safety and eliminate pedestrian conflict with vehicles.	1E4601 02-3434 SHOPP/09-10 \$273,000	2007-08 302-0042 SHA 302-0890 FTF	\$27,000 \$246,000

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<b>2.5b.(1) SHOPP Projects Amended into the SHOPP by Department Action</b>				<b>Resolution FP-09-47</b>
21 \$4,350,000 Placer 03N-Pla-267 4.9/6.7	Near Truckee, from 1.2 miles east of Northstar Drive to Brockway Summit. <u>Outcome/Output:</u> Stabilize the cut slopes, replace culverts, rebuild dikes, and place rock slope protection to prevent continual shedding of rock and debris into the roadside ditches and to minimize ongoing maintenance.	0E9901 03-5706 SHOPP/09-10 \$4,300,000	2007-08 302-0042 SHA 302-0890 FTF	\$499,000 \$3,851,000
22 \$10,000,000 Santa Clara 04N-SCI-880 0.0/4.3	Near Santa Clara, 0.4 mile south of Stevens Creek Boulevard to 0.2 mile north of Old Bayshore undercrossing. <u>Outcome/Output:</u> Rehabilitate 12.4 lane miles of roadway by cold planning, overlay roadway, and ramps with rubberized asphalt concrete to improve the ride quality, prevent further deterioration of the traveling surface, minimize costly roadway repairs, and extend the pavement service life.	3A0501 04-0408H SHOPP/09-10 \$10,000,000	2007-08 302-0890 FTF	\$10,000,000
23 \$1,930,000 San Mateo 04N-SM-Var Var.	In San Mateo County, at various locations on Routes 1, 35, 82, 84, 101, 109, 114, 280, and 880. <u>Outcome/Output:</u> Upgrade metal beam guard railing and guardrail end terminals to current Department standards to improve safety.	0A8721 04-0622C SHOPP/09-10 \$2,180,000	2007-08 302-0890 FTF	\$1,930,000
24 \$1,350,000 Sonoma 04N-Son-1 12.5/58.3	Near Bodega Bay, at various locations from Salmon Creek Bridge to Gualala River. <u>Outcome/Output:</u> Financial contribution to State Park agency for Willow Creek watershed restoration project to comply with the provisions of temporary construction easement and with provisions of the Programmatic Section 4(f) for cumulative impacts for projects recently completed and project currently in design that have or will have impact to State Park land.	2S6001 04-0748K SHOPP/09-10 \$1,350,000	2007-08 302-0890 FTF	\$1,350,000
25 \$3,793,000 Tulare 06S-Tul-190 21.1/26.4	Near Lake Success, from Road 284 to the Tule River Bridge. <u>Outcome/Output:</u> Grind existing pavement, overlay with 0.3 feet of asphalt concrete, and upgrade guardrails and culvert headwalls in order to extend pavement service life and improve traffic safety along 10.6 highway lane miles.	337401 06-6466 SHOPP/09-10 \$4,800,000	2007-08 302-0042 SHA 302-0890 FTF	\$435,000 \$3,358,000
26 \$1,894,000 Tulare 06S-Tul-198 R13.7/R16.7	Near Visalia, between Road 156 and Road 180. <u>Outcome/Output:</u> Install thrie beam median barrier along 3 centerline miles to reduce the potential of cross median collisions.	0H7201 06-6353 SHOPP/09-10 \$5,943,000	2007-08 302-0890 FTF	\$1,894,000
27 \$380,000 Los Angeles 07S-LA-138 67.8/75.0	Near Palmdale from Route 18 to the San Bernardino County line. <u>Outcome/Output:</u> Install 5 miles of rumble strips and delineators to reduce the number of cross centerline collisions.	279301 07-4229 SHOPP/09-10 \$320,000	2007-08 302-0890 FTF	\$380,000
28 \$46,918,000 Los Angeles 07N-LA-210 25.8/47	From the cities of Pasadena to San Dimas from west of Orange Grove to west of Wheeler Road. <u>Outcome/Outputs:</u> Rehabilitate the pavement by replacing damaged slabs, cold plane and overlay asphalt concrete on 272 lane miles of pavement to provide a smoother ride.	253801 07-3740 SHOPP/09-10 \$46,918,000	2007-08 302-0042 SHA 302-0890 FTF	\$3,955,000 \$42,963,000
29 \$320,000 Los Angeles 07S-LA-210 R0.2/R0.3	Near San Fernando, near the I-5 junction. <u>Outcome/Output:</u> Install 650 feet of thrie beam median barrier to reduce the number of cross median collisions.	279601 07-4232 SHOPP/09-10 \$320,000	2007-08 302-0890 FTF	\$320,000
30 \$1,953,000 Riverside 08S-Riv-10 13.8/R25.2	In Banning and Cabazon, from Hargrave Street to Route 111. <u>Outcome/Output:</u> Groove 45.3 lane miles of portland concrete cement pavement to reduce collisions due to wet pavement.	0L9501 08-0009M SHOPP/09-10 \$7,077,000	2007-08 302-0042 SHA 302-0890 FTF	\$165,000 \$1,788,000

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<b>2.5b.(1) SHOPP Projects Amended into the SHOPP by Department Action</b>				<b>Resolution FP-09-47</b>
31 \$21,368,000 San Bernardino 08S-SBd-58 R0.0/R11.1	Near Kramer Junction, from 1.3 east of the Kern County line to 4.5 miles east of Route 395. <u>Outcome/Output:</u> Widen 7.6 centerline miles of the median and shoulders and install rumble strips to reduce the number of cross centerline collisions.	0E8501 08-0216K SHOPP/09-10 \$23,085,000	2007-08 302-0042 SHA 302-0890 FTF	\$2,137,000 \$19,231,000
32 \$2,300,000 Mono 09S-Mno-395 R9.9/R12.6	Near South Landing, from 0.5 miles south of Rock Creek Road to 1.3 miles south of Crowley Lake Drive. <u>Outcome/Output:</u> Grind existing pavement and overlay with asphalt concrete to extend pavement service life and improve ride quality along 10.8 highway lane miles.	295601 09-0400 SHOPP/09-10 \$4,300,000	2007-08 302-0890 FTF	\$2,300,000
33 \$4,895,000 Mono 09S-Mno-395 36.1/40.1	Near Lee Vining, from 0.4 miles south of Obsidian Dome Road to 0.2 miles south of South Junction Route 158. <u>Outcome/Output:</u> Cold-in-place recycle existing pavement and overlay with 2.5-inch asphalt concrete in order to extend pavement service life and improve ride quality on 16 highway lane miles.	343401 09-0594 SHOPP/09-10 \$4,895,000	2007-08 302-0890 FTF	\$4,895,000
34 \$792,000 Merced 10N-Mer-152 21.5/21.8	In Los Banos, 0.1 mile east of Miller Lane to Place Road. <u>Outcome/Output:</u> Install traffic signals at one intersection to reduce the number of traffic collisions and improve pedestrian safety.	0H7001 10-0088 SHOPP/09-10 \$798,000	2007-08 302-0890 FTF	\$792,000
35 \$370,000 San Joaquin 10N-SJ-4 0.0/5.4	Near Stockton, from Old River Bridge to east of Wilhoit Road. <u>Outcome/Output:</u> Install centerline rumble strips and non-reflective markers to reduce the potential for cross median collisions along 4.6 centerline miles	0Q3701 10-0260 SHOPP/09-10 \$884,000	2007-08 302-0890 FTF	\$370,000
36 \$397,000 San Joaquin 10N-SJ-26 1.4/2.1	In Stockton, at Cardinal Avenue. <u>Outcome/Output:</u> Install traffic signals at one intersection to reduce the number of traffic collisions.	0N9801 10-0117 SHOPP/09-10 \$668,000	2007-08 302-0890 FTF	\$397,000
37 \$295,000 Tuolumne 10N-Tuo-49 0.5/0.8	Near Moccasin, north of the Mariposa County Line. <u>Outcome/Output:</u> Pave turnouts and widen shoulders along this downhill curve to improve traffic safety on 0.3 centerline miles.	0K8401 10-0092 SHOPP/09-10 \$305,000	2007-08 302-0890 FTF	\$295,000
38 \$2,674,000 San Diego 11S-SD-15 VAR.	In San Diego County, north of Aero drive; also on route 163 (PM0.5/0.9) and at various locations on Route 805. <u>Outcome/Output:</u> Install slope paving under bridge structures and rock blankets around water channels covering 3.4 acres to reduce erosion.	291901 11-0911 SHOPP/09-10 \$2,697,000	2007-08 302-0042 SHA 302-0890 FTF	\$307,000 \$2,367,000
39 \$1,100,000 San Diego 11S-SD-5 3.2/R15.3.	In the City of San Diego, at various locations. <u>Outcome/Output:</u> Place methacrylate seal on bridge decks, replace joint seals, and repair approach slabs on 32 bridges to prevent the bridge from deteriorating	2M0201 11-0967 SHOPP/09-10 \$2,064,000	2007-08 302-0042 SHA 302-0890 FTF	\$126,000 \$974,000
40 \$1,230,000 San Diego 11S-SD-5 R35.7/R40.1	In the cities of San Diego and Encinitas, at various locations. <u>Outcome/Output:</u> Place methacrylate seal on bridge decks, replace joint seals, and repair approach slabs on 27 bridges to prevent the bridge from deteriorating.	2M0301 11-0986 SHOPP/09-10 \$2,284,000	2007-08 302-0042 SHA 302-0890 FTF	\$141,000 \$1,089,000

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<b>2.5b.(1) SHOPP Projects Amended into the SHOPP by Department Action</b>				<b>Resolution FP-09-47</b>
41 \$564,000 Orange 12S-Ora-1 11.5	In Laguna Beach, north of Irvine Cove. <u>Outcome/Output:</u> Construct two retaining walls to protect the roadway slope embankment.	0K3701 12-2315 SHOPP/09-10 \$564,000	2007-08 302-0042 SHA	\$564,000
42 \$1,344,000 Orange 12S-Ora-57 20.0/21.8	In Brea, from Route 90 to Tonner Canyon Road. <u>Outcome/Output:</u> Overlay the roadway with open graded asphalt concrete to reduce wet pavement collisions.	0K5401 12-3836A SHOPP/09-10 \$1,490,000	2007-08 302-0890 FTF	\$1,344,000
43 \$162,000 Orange 12S-Ora-22 R0.4/3.1	In Seal Beach, at the Route 605 northbound connector on ramp from eastbound Route 22. <u>Outcome/Output:</u> Groove bridge deck and overlay with polyester concrete to reduce collisions during wet conditions.	0K5501 12-5248 SHOPP/09-10 \$315,000	2007-08 302-0042 SHA	\$162,000
44 \$844,000 Orange 12S-Ora-405 9.5/17.7	In and near Fountain Valley, at Bolsa Ave, Bristol Street and the Santa Ana River Bridge. <u>Outcome/Output:</u> Groove 3 bridge decks and overlay pavement with open graded asphalt concrete to reduce wet pavement collisions.	0K5101 12-5020A SHOPP/09-10 \$844,000	2007-08 302-0042 SHA 302-0890 FTF	\$71,000 \$773,000