

# Memorandum

To: CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: December 10, 2014

Reference No.: 2.5f.  
Information Item

From: NORMA ORTEGA  
Chief Financial Officer

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Budgets

Subject: **INFORMATIONAL REPORTS – DELEGATED ALLOCATIONS**  
**EMERGENCY G-11, SHOPP G-03-10 SAFETY, AND MINOR G-05-05**

## **SUMMARY:**

Since the period reported at the last California Transportation Commission (Commission) meeting, the California Department of Transportation (Department) allocated or sub-allocated:

- \$10,945,000 for 15 emergency construction projects, pursuant to the authority granted under Resolution G-11 (2.5f.(1)).
- \$2,714,000 for three safety projects, pursuant to the authority granted under Resolution G-03-10(2.5f.(3)).
- \$1,102,000 for two State Highway Operation and Protection Program (SHOPP) Minor A projects, pursuant to the authority granted under Resolution G-05-05 (2.5f.(4)).

As of November 24, 2014, the Department has allocated or sub-allocated the following for Fiscal Year (FY) 2014-15:

- \$19,445,000 for 24 emergency construction projects.
- \$6,968,000 for seven safety delegated projects.
- \$5,604,000 for 10 SHOPP Minor A projects.

## **BACKGROUND:**

The Commission, by Resolution G-11, as amended by Resolution G-00-11, delegated to the Department authority to allocate funds to correct certain situations caused by floods, slides, earthquakes, material failures, slip outs, unusual accidents or other similar events.

This authority is operative whenever such an event:

1. Places people or property in jeopardy.
2. Causes or threatens to cause closure of transportation access necessary for:
  - a. Emergency assistance efforts.
  - b. The effective functioning of an area's services, commerce, manufacture or agriculture.

- c. Persons in the area to reach their homes or employment.
3. Causes either an excessive increase in transportation congestion or delay, or an excessive increase in the necessary distances traveled.

Resolution G-11 authorizes the Department to allocate funds for follow-up restoration projects associated with, and that immediately follow an emergency condition response project. Resolution G-11 also requires the Department to notify the Commission, at their next meeting, whenever such an emergency allocation has been made.

On March 30, 1994, the Commission delegated to the Department authority to allocate funds under Resolution G-11, as amended by Resolution G-00-11, for seismic retrofit projects. This authority allows the Department to begin work without waiting for the next Commission meeting to receive an allocation.

On March 28, 2001, the Commission approved Resolution G-01-10, as amended by Resolution G-03-10, delegating to the Department authority to allocate funds for SHOPP safety and pavement rehabilitation projects. This authority allows the Department to begin work without waiting for the next Commission meeting to receive an allocation.

Resolution G-05-05 authorizes the Department to sub-allocate funds for Minor projects. At the June 2013 meeting, the funding and project listing for the FY 2014-15 Lump Sum Minor Construction Program was approved by the Commission under Resolution FM-13-05.

The SHOPP, as approved by the Commission, is a four-year program of projects with the total annual proposed expenditures limited to the biennial Commission-approved Fund Estimate. The Commission, subject to monthly reporting and briefings, has delegated to the Department the authority to amend programmed projects, the authority to allocate funds for safety projects, and the authority to allocate funds to emergency projects. The Department uses prudent business practices to manage the combination of individual project cost increases and savings to meet Commission policies.

In all cases, the delegated authority allows the Department to begin work without waiting for the next Commission meeting to receive an allocation.

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# Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	PPNO Program/Year Project ID Adv. Phase EA	Budget Year Item # Fund Type Program Code	Amount by Fund Type
<b>2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1))</b>				
1 \$600,000 Del Norte 01-DN-101 2.2	Near Klamath, at 1.34 miles south of South Bank Road. In July 2014 a sink in the road surface developed across the highway at this location. Investigations revealed a failed cross culvert 60 feet under the roadway. The initial repair strategy included filling of the voids around the culvert and repairing the culvert and the roadway surface. Further assessment however revealed that the culvert is damaged beyond repair and requires complete replacement. The initial allocation and this supplemental allocation are necessary to modify the roadway surface in order to prevent total roadway collapse (at-grade bridge over the culvert), and modify flow mechanism through the culvert as an interim measure. This will be a temporary repair to provide time for the geotechnical assessment and design necessary for a permanent culvert replacement strategy.  Initial G-11 Allocation 07/16/14: \$1,400,000 Supplemental G-11 Allocation 10/08/14: \$600,000 Revised Allocation: \$2,000,000	01-1104 SHOPP/14-15 021500002 4 0E7104  Emergency	2013-14 302-0042 SHA 20.20.201.130	\$600,000
2 \$750,000 Shasta 02-Sha-5 31.1	At O'Brien Safety Roadside Rest Area (SRRA). Also on Route 44 at Bogard SRRA. The two rest areas water supply system lacks a reliable source of water and water storage. Off-site water sources established 40-50 years ago using seasonal creeks currently supply the stations and are becoming unreliable due to emergency drought conditions. This project is to drill for underground water and install pumps, storage tanks and distribution lines.  Initial G-11 Allocation 09/30/14: \$ 750,000 (Additional \$20,000 was allocated for right of way purposes).	02-3582 SHOPP/14-15 0215000024 4 0H5204  Emergency	2013-14 302-0042 SHA 20.20.201.130	\$750,000
3 \$325,000 Shasta 02-Sha-89 7.4/17.4	Near Old Station, from north of Wilcox Road to north of Cassel Road. The "Eiler" fire broke out on July 31, 2014 and burned brush and more than 300 trees adjacent to Route 89 posing a potential safety threat to the travelling motorists. This project is to cut down the burned trees, chip and mulch brush and wood debris to use for erosion control, and clear drainage facilities.  Initial G-11 Allocation 08/27/14: \$ 325,000 (Additional \$50,000 was allocated for right of way purposes).	02-3581 SHOPP/14-15 0215000020 4 0H5004  Emergency	2013-14 302-0042 SHA 20.20.201.130	\$325,000
4 \$750,000 Siskiyou 02-Sis-97 20.2	At Grass Lake Maintenance Station; also at Mineral (Teh-36-PM 82.2) and Platina (Sha-36-PM 8.5) Maintenance Stations. The three stations water supply system lacks a reliable source of water and water storage. Off-site water sources established 40-50 years ago using seasonal creeks currently supply the stations and are becoming unreliable due to emergency drought conditions. This project is to drill for underground water and install pumps, storage tanks and distribution lines.  Initial G-11 Allocation 09/30/14: \$ 750,000 (Additional \$15,000 was allocated for right of way purposes).	02-3583 SHOPP/14-15 0215000025 4 0H5304  Emergency	2013-14 302-0042 SHA 20.20.201.130	\$750,000

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<b>2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1))</b>				
5 \$300,000  Siskiyou 02-Sis-96 23.0/93.0	In Siskiyou County on Route 96, from west of Swillup Creek to Empire Creek; also on Route 97 from north of Grass Lake Rest Area to south of Horsethief Creek (PM 23.2/28.0). August 2014 wildfires in northern California burned more than 300 trees adjacent to the state highways posing a potential safety threat to the travelling motorists. This project is to cut down the burned trees, chip and mulch brush and wood debris to use for erosion control, and clear drainage facilities.  Initial G-11 Allocation 08/27/14: \$ 300,000 (Additional \$10,000 was allocated for right of way purposes).	02-3580 SHOPP/14-15 0215000016 4 0H4804  Emergency	2013-14 302-0042 SHA 20.20.201.130	\$300,000
6 \$2,000,000  Napa 04-Nap-29 6.9	In and near the city of Napa, at Bridge No. 21-0049 (Napa River Overhead), and on Route 121 at Bridge No. 21-0108 L/R (Imola Avenue). On August 24, 2014, a magnitude 6.1 earthquake caused widespread damage in Napa, Solano, and Sonoma counties. This project is to repair structural damage at the two bridges including wing-wall replacement and patching of concrete spalls at the Route 29 bridge; and repairing shear keys and damaged bridge abutments, replacing damaged metal rail, and replacing soil at curtain walls at 4 abutments on the Route 121 bridge.  Initial G-11 Allocation 09/11/14: \$2,000,000	04-1686E SHOPP/14-15 0415000070 4 3J0104  Emergency	2013-14 302-0890 FTF 20.20.201.130	\$2,000,000
7 \$1,040,000  Napa 04-Nap-29 10.3/11.6	In and near the city of Napa, on Routes 29 and 121 at Bridge No. 21-0087 (Old Sonoma Road), 21-0088 (First Street), and 21-0086L/R (Imola Avenue Separation). On August 24, 2014, a magnitude 6.1 earthquake caused widespread damage in Napa, Solano, and Sonoma counties. The initial allocation is to repair structural damage at the three bridges including repairs to approach rail and sidewalks, concrete spall repair, joint seal replacement, earthquake retainer repairs, and replacing unsound concrete. The supplemental allocation is due to discovering additional damage than was originally anticipated.  Initial G-11 Allocation 09/11/14: \$770,000 Supplemental G-11 Allocation 10/22/14: \$270,000 Revised Allocation: \$1,040,000	04-1486D SHOPP/14-15 0415000069 4 3J0004  Emergency	2013-14 302-0890 FTF 20.20.201.130	\$1,040,000
8 \$550,000  Napa 04-Nap-121 3.1	Near the city of Napa, at Cutting Wharf Road. On August 24, 2014, a magnitude 6.1 earthquake caused widespread damage in Napa, Solano, and Sonoma counties. The pavement at this location buckled across all lanes causing roadway closure. Maintenance crews made quick temporary repairs to allow safe passage by traffic. This project is to level grind, trench, and replace existing asphalt concrete pavement. Grout injection and embankment repair will also be required.  Initial G-11 Allocation 08/29/14: \$ 550,000	04-1486C SHOPP/14-15 0415000062 4 2J9904  Emergency	2013-14 302-0890 FTF 20.20.201.130	\$550,000
9 \$500,000  Napa 04-Nap-121 14.7	At Wooden Valley, north of Wild Horse Valley Road. On August 24, 2014, a magnitude 6.1 earthquake caused widespread damage in Napa, Solano, and Sonoma counties. This project is to construct a rock catchment fence at this location to prevent rocks loosened by the earthquake from falling on the roadway and travel lanes.  Initial G-11 Allocation 09/11/14: \$ 500,000	04-1486H SHOPP/14-15 0415000073 4 3J0404  Emergency	2013-14 302-0890 FTF 20.20.201.130	\$500,000

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<b>2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1))</b>				
10 \$915,000  Solano 04-Sol-37 7.2/7.3	In Vallejo, at Bridge No. 23-0064 (Napa River Bridge) and Bridge No. 23-0109 (Walnut Street Overcrossing). On August 24, 2014, a magnitude 6.1 earthquake caused widespread damage in Napa, Solano, and Sonoma counties. This project is to repair structural damage at the two bridges including replacement of strip seals, grinding and replacing asphalt concrete approaches, steel repair, epoxy injection, and replacing unsound concrete.  Initial G-11 Allocation 09/11/14: \$ 915,000	04-1486G SHOPP/14-15 0415000072 4 3J0304  Emergency	2013-14 302-0890 FTF 20.20.201.130	\$915,000
11 \$845,000  Solano 04-Sol-37 9.8/10.6	In Solano and Napa counties, in and near Vallejo, at Bridge No. 21-0043L/R (Lombard Overhead), Bridge No. 23-0219 (Broadway Overhead), Bridge No. 23-0205R/L (Fairground Drive), and Bridge No. 23-0222F (Route 37/29 Separation). On August 24, 2014, a magnitude 6.1 earthquake caused widespread damage in Napa, Solano, and Sonoma counties. This initial allocation is to repair structural damage at the four bridges including grinding and replacing asphalt concrete at approaches, repairing concrete spalls, and replacing strip seals. The supplemental allocation is due to discovering additional damage than was originally anticipated.  Initial G-11 Allocation 09/11/14: \$610,000 Supplemental G-11 Allocation 10/22/14: \$235,000 Revised Allocation: \$845,000	04-1486F SHOPP/14-15 0415000071 4 3J0204  Emergency	2013-14 302-0890 FTF 20.20.201.130	\$845,000
12 \$400,000  Los Angeles 07-LA-Var Var	On Routes 105, 91, 134, and 170 at various locations within the County of Los Angeles. Numerous steel grates and screens covering Gross Sediment Removal Devices (GSRD) have recently been reported missing due to theft. GSRDs are designed to remove gross sediments from water runoff. The affected GSRDs are currently not functioning as designed and have become a safety concern due to fall hazard. This project is to replace stolen steel grates and screens with fiber reinforced steel screens.  Initial G-11 Allocation 10/06/14: \$ 400,000	07-4753 SHOPP/14-15 0714000339 4 4X3304  Emergency	2013-14 302-0042 SHA 20.20.201.130	\$400,000
13 \$1,420,000  San Bernardino 08-SBd-95 0.0/21.0	From Riverside County Line to south of Whipple Mountains Wilderness Area; also in Riverside County on Route 95, from north of Twin Palms Resort to south of Wilson Road (PM 22.0/31.0). A strong storm delivered heavy rain to the high desert area. Significant amount of water undermined the roadway. This project is to excavate and backfill roadway structure, remove and replace asphalt concrete, remove and dispose of debris, restore existing drainage systems, and provide traffic control as necessary.  Initial G-11 Allocation 09/17/14: \$1,420,000 (Additional \$80,000 was allocated for right of way purposes).	08-0238S SHOPP/14-15 0815000048 4 1F8004  Emergency	2013-14 302-0042 SHA 20.20.201.130	\$1,420,000

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<b>2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1))</b>				
14 \$100,000 Tuolumne 10-Tuo-120 40.0/56.5	At Yosemite National Park, from Ferretti Road to the west boundary of the Park. The Rim Fire burned over 255,000 acres in 2013 and was the third largest wildfire in modern California history. US Forest Service (USFS) contracted the removal of hazardous trees that are 12-inches in diameter or larger. This project is to remove remaining fire damaged trees that pose a risk of falling on the highway travel way. The removed trees will be spread, piled, chipped or hauled off in accordance with USFS requirements. Stumps will be cut flush with the ground.  Initial G-11 Allocation 10/24/14: \$ 100,000 (Federal Emergency Management Agency-FEMA to reimburse Department additional \$300,000).	10-3048 SHOPP/14-15 1015000039 4 1E3204  Emergency	2013-14 302-0042 SHA 20.20.201.130	\$100,000
15 \$450,000 Orange 12-Ora-133 9.4/10.0	In the city of Irvine, at and near Route 05/133 Interchange. Accelerating embankment slope failure caused the approach and departure slabs to sink resulting in an uneven pavement condition that could damage vehicles or cause vehicles to lose control. This project is to raise the sinking slabs using expansive foam in order to provide smooth transition at seven bridge structures. A permanent slope restoration project to restore slope stability is scheduled to begin construction end of 2015.  Initial G-11 Allocation 10/06/14: \$ 450,000	12-4485 SHOPP/14-15 1215000035 4 0P1004  Emergency	2013-14 302-0042 SHA 20.20.201.130	\$450,000

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<b>Informational Report – SHOPP Safety-Resolution G-03-10 Delegated Allocations (2.5f.(3))</b>				
1 \$226,000 Riverside 08-Riv-62 R6.9/9.2	Near Desert Hot Springs and Morongo Valley, from 0.5 mile north of Indian Avenue to Hess Boulevard. <u>Outcome/Output:</u> Install markers on existing median barrier and install rumble strips on outside shoulders to improve safety and reduce the number and severity of collisions.  (Construction Support: \$121,000)  Allocation date: 09/09/14	08-0023A SHOPP/14-15 \$457,000 0812000168 4 OR7504	2013-14 302-0042 SHA 20.20.201.010	\$226,000
2 \$288,000 Riverside 08-Riv-371 56.4/60.2	Near Aguanga, from Route 79 to Wilson Valley Road. <u>Outcome/Output:</u> Construct centerline and edge-line rumble strips to improve safety and reduce the number and severity of collisions.  (Construction Support: \$97,000)  Allocation date: 09/03/14	08-0259R SHOPP/14-15 \$325,000 0812000166 4 OR7404	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.010	\$9,000 \$279,000

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<b>Informational Report – SHOPP Safety-Resolution G-03-10 Delegated Allocations (2.5f.(3))</b>				
3 \$2,200,000 Orange 12-Ora-73 23.6/25.2	In Irvine and Newport Beach, from the MacArthur Boulevard northbound on-ramp to Birch Street northbound off-ramp. <u>Outcome/Output:</u> Widen on-ramp to extend northbound lanes, place overlay, and modify drainage to improve safety and reduce the number and severity of collisions.  (Construction Support: \$572,000)  Allocation date: 10/21/14	12-4096D SHOPP/14-15 \$2,200,000 1200020297 4 0M1104	2013-14 302-0042 SHA 302-0890 FTF 20.20.201.010	\$63,000 \$2,137,000

#	Dist	County	Route	Postmiles	Location/Description	EA	Program Code	Original Est. FM-09-06	Allocation
<b>2.5f. Informational Report – Minor Construction Program – Resolution G-05-05 Delegated Allocations (2.5f.(4))</b>									
1	06	Ker	58	R85.1	Pave and widen freeway ramp intersection to provide standard truck Surface Transportation Assistance Act (STAA) turning radius and replace loop detectors and pull boxes near the City of Tehachapi at Broome Road Overcrossing.	0P0704	201.310	\$454,000	\$428,000
2	10	Ama	49	4.3/4.6	Install new traffic signal at a realigned intersection and construct curb ramps at Sutter Street in the City of Jackson and Route 49 to comply with Americans With Disabilities Act (ADA) standards.	0X1604	201.015	\$616,000	\$674,000