

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: December 9-10, 2009

Reference No.: 2.5f.  
Information Item

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Chief Financial Officer (Interim)

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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:

- \$27,345,000 for 14 emergency construction projects, pursuant to the authority granted under Resolution G-11 (2.5f.(1)).
- \$1,039,000 for one safety project, pursuant to the authority granted under Resolution G-03-10 (2.5f.(3));
- \$4,640,000 for eight State Highway Operation and Protection Program Minor projects, pursuant to the authority granted under Resolution G-05-05 (2.5f.(4)).

As of November 10, 2009, the Department has allocated or sub-allocated the following for Fiscal Year (FY) 2009-10:

- \$33,925,000 for 20 emergency construction projects.
- \$1,039,000 for one safety delegated project; and
- \$8,480,000 for 18 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 2009 meeting, the funding and project listing for the FY 2009-10 Lump Sum Minor Construction Program was approved by the Commission under Resolution FM-08-07.

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	EA PPNO Program	Budget Year Item # Fund Type	Amount by Fund Type
<b>2.5f. Informational Report – Emergency G-11 Allocations (2.5f.1)</b>				
1 \$380,000 Humboldt 01U-Hum-299 11.6/12.0	Near Blue Lake, at 0.6 miles east of North Fork Mad River Bridge (Bridge #01-194). On October 13, 2009, after the season's first rainfall, an existing roadway embankment failed at this location. The roadway settlement pulled a 24-inch diameter culvert apart. The subsequent erosion of material resulted in additional roadway damage. This project is to replace damaged cross culvert with a welded steel pipe, place a new down drain, replace guardrail, install subsurface dewatering measures, and provide traffic control as necessary.  Initial G-11 Allocation 10/22/09: \$380,000	497301 01-2287 SHOPP Emergency	2009-10 302-0042 SHA	\$380,000
2 \$500,000 Marin 04U-Mrn-101 R20.52	In Novato, north of Rowland Avenue at the Novato Creek Bridge (Bridge #27-0089). During a recent bridge inspection on August 11, 2009, separations were found between the stem and deck portion of girders. Also, several vertical hairline cracks and fractured stirrups were discovered in the girders. This project is to drill and bond dowels along separated girders, seal cracked concrete, and repair approach pavement.  Initial G-11 Allocation 09/28/09: \$500,000	4S6901 04-2118K SHOPP Emergency	2009-10 302-0042 SHA	\$500,000
3 \$6,000,000 San Francisco 04U-SF-80 8.5	In the city and county of San Francisco, at the San Francisco-Oakland Bay Bridge (SFOBB). On September 5, 2009, during an unrelated bridge closure, a significant crack was discovered in an eye-bar on the cantilever portion of the SFOBB east span. Repairs under emergency contract (EA 4S6801) included placing fabricated steel saddles and high tension steel rods over the damaged eye-bar to replace its load carrying capacity. On October 27, 2009, one of the steel rods failed causing the top outrigger bracket to fall onto traffic lanes below and causing closure of the bridge. This contract is to install new high strength rods, weld and secure the saddle and bracket, and include enhancements to reduce vibration and metal fatigue. Supplemental allocation is a result of additional time needed for testing, adjustment and inspection of the completed repair assemblies, and accounts for additional cost of contractor personnel, equipment and traffic control.  Initial G-11 Allocation 11/02/09: \$3,000,000 Supplemental G-11 Allocation 11/10/09: \$3,000,000 Revised Allocation: \$6,000,000	0G8301 04-0093 SHOPP Emergency	2009-10 302-0890 FTF	\$6,000,000
4 \$200,000 Santa Clara 04U-SCI-9 4.6	Near Saratoga, at 1.1 miles south of Pierce Road. During the heavy rainstorms on February 21-22, 2009, the culvert at this location separated causing a slip-out at the adjoining roadway side slope. Initial allocation was to replace the failed portion of the culvert, install erosion control, and conduct one-way traffic control. This supplemental allocation is to install a fixed one-way traffic control signal due to expansion of damage to the travel lane and until a tieback wall permanent fix is constructed.  Initial G-11 Allocation 03/10/09: \$190,000 Supplemental G-11 Allocation 09/28/09: \$200,000 Revised Allocation: \$390,000	0G4001 04-0386D SHOPP Emergency	2008-09 302-0042 SHA	\$200,000

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5 \$3,000,000 Santa Clara 04U-SCI-101 45.7	In Sunnyvale, at Mathilda Avenue. On Tuesday September 8, 2009, a big rig travelling on northbound 101 struck the overcrossing (Bridge # 37-0177). The resulting impact damaged approximately 5 concrete girders. The damage includes spilled or broken concrete and broken steel tendons. One freeway lane and the overcrossing were closed to traffic at the time of incident. This project is to replace the damaged girders, repair concrete spalls and provide traffic control as necessary.  Initial G-11 Allocation 09/15/09: \$3,000,000	0G8201 04-0483P SHOPP Emergency	2009-10 302-0042 SHA	\$3,000,000
6 \$690,000 Santa Cruz 05U-SCR-35 0.49	Near Scotts Valley, at approximately 0.5 mile north of the Santa Cruz/Santa Clara County line. On October 13, 2009, a storm system brought over 9 inches of rainfall to the Santa Cruz Mountains. This resulted in a slip-out of the roadway embankment below the highway structure. This project is to install temporary railing to secure the area, excavate and remove failed embankment material, and reconstruct the embankment.  Initial G-11 Allocation 10/20/09: \$690,000 (Additional \$10,000 was allocated for right of way purposes.)	0S9001 05-2277 SHOPP Emergency	2009-10 302-0042 SHA	\$690,000
7 \$2,500,000 Los Angeles 07U-LA-2 26.5/64.1	Near La Cañada-Flintridge, within the Angeles National Forest. The Station Fire began on August 26, 2009, and burned over 161,000 acres. By September 3, 2009, the fire had already destroyed or damaged over 22,000 linear feet of guardrail installations. This project is to repair all direct fire damage to the guardrail installations throughout the burn area.  Initial G-11 Allocation 09/14/09: \$2,500,000	2X6701 07-4286 SHOPP Emergency	2009-10 302-0890 FTF	\$2,500,000
8 \$6,500,000 Los Angeles 07U-LA-2 26.5/64.1	Near La Cañada-Flintridge, within the Angeles National Forest. The Station Fire began on August 26, 2009, and burned over 161,000 acres. This project is to repair all fire damage to the roadway, roadside and support slopes including, drainage systems, signing and delineation, removal of all fire debris from the roadway, shoulders and drainage systems, and preparation of all drainage debris basins within the burn area for post-fire debris flows expected during the first and succeeding winter storms.  Initial G-11 Allocation 09/14/09: \$6,500,000	2X6801 07-4287 SHOPP Emergency	2009-10 302-0890 FTF	\$6,500,000
9 \$3,500,000 Los Angeles 07U-LA-2 49.7	At the Chilao Maintenance Station, within the Angeles National Forest. The Station Fire began on August 26, 2009, and burned over 160,000 acres. On August 31, 2009, the Chilao Station was overrun by fire destroying employee housing and a storage building, and damaging other buildings. This project is to remove fire debris including asbestos and other hazardous material, replace burned housing, and repair damaged buildings in order to return the Chilao Station back to 24-hour function before the onset of the winter season.  Initial G-11 Allocation 09/15/09: \$3,500,000	2X6901 07-4288 SHOPP Emergency	2009-10 302-0042 SHA	\$3,500,000
10 \$1,500,000 Los Angeles 07U-LA-39 17.0/28.0	Near Azusa, within the Angeles National Forest. The Morris Fire started on August 25, 2009, and scorched over 2,100 acres. This project is to repair all fire damage to the roadway, roadside and support slopes including guardrail, drainage systems, signing and delineation, removal of all fire debris from the roadway, shoulders and drainage systems, and preparation of all drainage debris basins within the burn area for post-fire debris flows expected during the first and succeeding winter storms.  Initial G-11 Allocation 09/15/09: \$1,500,000	2X7001 07-4289 SHOPP Emergency	2009-10 302-0890 FTF	\$1,500,000

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<b>2.5f. Informational Report – Emergency G-11 Allocations (2.5f.1)</b>				
11 \$1,000,000 Los Angeles 07U-LA-91 9.8/10.0	In Compton, at College Overhead (Bridge 53-2234) and at Acacia Avenue Undercrossing (Bridge 53-2371). Column inspection revealed cracks in the concrete and corrosion of the steel reinforcement bars (rebar) inside the columns. Initial allocation was for shoring up the structures and replacing the rebars and damaged concrete. This supplemental is due to discovery of column damage under College Overhead that was more severe than originally anticipated.	07-2X2201 07-4299 SHOPP Emergency	2008-09 302-0042 SHA	\$1,000,000
	Initial Allocation 03/12/09: \$960,000 Supplemental G-11 Allocation (11/09/09): \$1,000,000 Revised Allocation: \$1,960,000			
12 \$600,000 Los Angeles 07U-LA-110 30.59/31.14	In South Pasadena between Orange Grove Avenue and Fair Oaks Avenue. Recent investigation on October 5, 2009 and repairs of 9 existing corrugated metal pipe culvert systems at this location revealed several isolated sections of these 9 systems have completely failed and created large voids extending upwards towards the roadway surface. This project is to excavate and replace the failed sections and backfill and repave the roadway.	2X7301 07-4292 SHOPP Emergency	2009-10 302-0042 SHA	\$600,000
	Initial G-11 Allocation 10/13/09: \$600,000			
13 \$375,000 Ventura 07U-Ven-126 6.9	Near Santa Paula, at Edwards Ranch Road Overcrossing (Bridge 52-249). On October 27, 2009, a backhoe loaded on a tractor trailer struck this bridge and caused extensive structural damage to the east and west exterior girders. Bridge traffic was restricted to only light vehicles on the interior lane of the damaged bridge. This project is to conduct necessary repair to the damaged bridge girders, soffit and deck.	2X7401 07-4297 SHOPP Emergency	2009-10 302-0042 SHA	\$375,000
	Initial G-11 Allocation 11/02/09: \$375,000			
14 \$600,000 San Joaquin 10U-SJ-26 1.11	Near Stockton at Route 99 (Bridge 29-0142). On August 27, 2009, a truck with an over-height load travelling northbound on Route 99 hit the Route 26/99 Separation structure. Initial allocation was for repairing a damaged girder using a heat straightening method, however, further investigation of the cracked girder resulted in the need to replace the damaged girder. This project is to remove portion of the concrete deck, replace damaged girder, reconstruct the deck, and conduct traffic control as necessary.	0U7201 10-0258 SHOPP Emergency	2009-10 302-0042 SHA	\$600,000
	Initial G-11 Allocation 09/10/09: \$400,000 Supplemental G-11 Allocation 09/30/09: \$200,000 Revised Allocation: \$600,000			

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<b>2.5f. Informational Report – SHOPP Safety-Resolution G-03-10 Delegated Allocations (2.5f.3)</b>				
1 \$1,039,000 Orange 12S-Ora-74 13.3/16.6	Near San Juan Hot Springs from San Juan Canyon Bridge to the Riverside County line. <u>Outcome/Output:</u> Restore native habitat on 2.3 acres as mitigation requirements for a safety project to prevent erosion.	043221 12-4228A SHOPP/09-10	2009-10 302-0042 SHA 302-0890 FTF	\$119,000 \$920,000
	Allocation date: 10/26/09	\$1,039,000		

## 2.5 Highway Financial Matters

Proj #	Dist	County	Route	Postmiles	Location/Description	EA	Original Est. FM-08-07	Allocation
<b>2.5f. Informational Report – Minor Construction Program – Resolution G-05-05 Delegated Allocations (2.5f.(4))</b>								
1	01	Hum	101	79.9/87.9	Install ground rumble strips along the edge of the traveled way and along the center median.	490601	\$560,000	\$410,000
2	02	Las	36	6.7/10.4	Extend culverts, install drainage inlets, upgrade shoulders, and replace culverts.	4C2901	\$769,000	\$769,000
3	02	Plu	36	4.0/6.5	Grind out and replace damaged asphalt concrete.	1E5001	\$1,000,000	\$992,000
4	02	Sis	5	R25.3/R26.0	Install ramp lighting at entrance and exit ramps to the Weed Safety Roadside Rest Area.	1E5601	\$320,000	\$253,000
5	07	LA	105	3.4	Excavate, remove and reconstruct pavement.	4S7601	\$900,000	\$557,000
6	07	LA	105	R13.0	Grind and overlay pavement.	4T1301	\$820,000	\$601,000
7	07	Ven	23	3.5/8.2	Plant vines at soundwalls and install irrigation system.	4S8801	\$400,000	\$390,000
8	08	SBd	215	Var	Install metal beam guardrails and end treatments.	0K8501	\$999,000	\$668,000