

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: December 11-12, 2013

Reference No.: 2.5f.
Information Item

From: STEVEN KECK
Acting Chief Financial Officer

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Acting Division Chief
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:

- \$15,870,000 for 10 emergency construction projects, pursuant to the authority granted under Resolution G-11 (2.5f.(1)).
- \$386,000 for one safety project, pursuant to the authority granted under Resolution G-03-10(2.5f.(3)).
- \$3,190,000 for four 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 4, 2013, the Department has allocated or sub-allocated the following for Fiscal Year (FY) 2013-14:

- \$43,836,000 for 25 emergency construction projects.
- \$28,268,000 for seven safety delegated projects.
- \$6,267,000 for seven 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 2013-14 Lump Sum Minor Construction Program was approved by the Commission under Resolution FM-12-06.

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
2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1))				
1 \$1,100,000 Humboldt 01-Hum-101 15.5	Near Garberville, 1 mile south of Hurlbutt Undercrossing. Video inspection of the drainage system at this location showed two 160-foot long High Density Polyethylene (HDPE) drains collapsed and blocked. This area experienced a major landslide in 2011 causing one million cubic yards of soil and debris to fully close the highway. The damage to the two drain pipes is suspected to have been caused by earth movement during construction. This project is to replace the two damaged pipes before the upcoming winter season in order to prevent potential damage to the buttress wall supporting the roadway slope. Initial G-11 Allocation 09/19/13: \$1,100,000 (Additional \$10,000 was allocated for right of way purposes).	01-2388 SHOPP/13-14 0114000029 4 0E3104 Emergency	2012-13 302-0042 SHA 20.20.201.130	\$1,100,000
2 \$6,700,000 Alameda 04-Ala-980 1.1	In Oakland, at the California Department of Transportation District Office located at 111 Grand Avenue. During the month of May 2013, the Fire Life Safety/Building Management System (FLS) was tested and showed several failures and deficiencies affecting warning strobes, fire doors, audio alarm systems, fan systems, fireman's plug-in phone system and override keys to control elevator cars, emergency phones in stairwells, and fire alarm activation. The State Fire Marshal issued a Fire Safety Correction Notice to the Department on June 10, 2013 and placed the building under a 24-hour fire watch until the FLS system is replaced or repaired and is in compliance with federal standards. This project is to replace the FLS malfunctioning system as soon as possible to avoid closure of the District office building and the disruption that it can cause to the management and operation of the State Highway System throughout the San Francisco Bay Area. Initial G-11 Allocation 09/26/13: \$6,700,000	04-0480H SHOPP/13-14 0414000060 4 0J7804 Emergency	2012-13 302-0042 SHA 20.20.201.353	\$6,700,000
3 \$1,100,000 Santa Clara 04-SCI-101 38.0/38.1	In San Jose, at 10th Street. Two existing groundwater pumps located along northbound Route 101 failed causing settlement in Lane No. 5 due to additional groundwater action. Continued groundwater action will further damage the roadway as well as create slippery conditions on the pavement. This project is to replace the two failed pumps, install a drainage system, repair damaged pavement, and provide traffic control as necessary. Initial G-11 Allocation 10/24/13: \$1,100,000	04-0483X SHOPP/13-14 0413000399 4 0J0604 Emergency	2012-13 302-0042 SHA 20.20.201.130	\$1,100,000
4 \$350,000 Fresno 06-Fre-99 20.1	In the city of Fresno, at the Route 99 off-ramp Separation Bridge 42-0218W. Wire theft, vandalism and power failure damaged the Ventura water pumping plant. The plant is necessary to prevent roadway flooding during heavy rain events and repairs are necessary for all the damaged elements of the plant. This project is to restore/relocate electrical power, replace stolen service equipment enclosure, replace damaged motor control center, replace 2 damaged pumps, replace damaged door, replace stolen utility cover and flap valves. The scope of work also includes theft deterrent measures such as welding covers shut, placing new security door, and relocating electrical service into a secured area. Initial G-11 Allocation 09/16/13: \$350,000	06-6699 SHOPP/13-14 0614000050 4 0Q9804 Emergency	2012-13 302-0042 SHA 20.20.201.130	\$350,000

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2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1))				
5 \$1,200,000 Los Angeles 07-LA-5 53.7	In Santa Clarita, at the Santa Clara River Bridge No. 53-2925. Bridge Maintenance crews discovered a failed section of a joint assembly along the traveled way on this bridge. Further investigation and assessment determined that approximately 60 feet of the joint assembly was compromised and in need of immediate replacement. Three freeway lanes were closed, and as an interim repair, the bridge joint assembly was back filled with asphalt concrete to open the bridge back to traffic. This project is necessary to remove the remaining section of the compromised joint assembly and replace with a complete new one. Initial G-11 Allocation 09/17/13: \$1,200,000	07-4637 SHOPP/13-14 0713000336 4 4X0304 Emergency	2012-13 302-0042 SHA 20.20.201.130	\$1,200,000
6 \$2,220,000 Ventura 07-Ven-1 2.6/10.2	Near Camarillo, from Deer Creek Road to Las Posas Road. The Camarillo Springs wildfire started on May 2, 2013. The wildfire burned and damaged vegetation, roadway signs and highway fencing. Initial allocation was to place guardrail to protect the roadway from post-fire falling rocks and debris flows, protect drainage system, replace damaged roadway signs, replace damaged highway fencing, and repair wire mesh and cable anchored covered hillside. This supplemental allocation is largely due to discovering more than anticipated heat damage to the rockfall wire mesh and its upper cable anchor system than was originally estimated, and additional cost of material disposal at coastal commission disposal site. Initial G-11 Allocation 05/21/13: \$2,500,000 Supplemental G-11 Allocation 09/27/13: \$2,220,000 Revised Allocation: \$4,720,000 (Additional \$5,000 was allocated for right of way purposes).	07-4640 SHOPP/13-14 0713000419 4 4X0604 Emergency	2012-13 302-0042 SHA 20.20.201.130	\$2,220,000
7 \$200,000 Riverside 08-Riv-10 27.7	Near Palm Springs, at the Whitewater River Bridges No. 56-0004L/R. On July 20 and 21, 2013 monsoon storms with heavy rainfall eroded rock slope protection (RSP) and caused the channel bed to erode down to the level of the bottom of the bridge footings. The initial allocation was to restore the channel bed by replacing the RSP and fabric under the eastbound bridge spans 2 and 5, and rock armor with fabric the piers of the westbound bridge. This supplemental allocation is necessary to complete construction and is due to the mistaken omission of the cost of labor and equipment from the initial cost estimate. Initial G-11 Allocation 07/30/13: \$300,000 Supplemental G-11 Allocation 09/16/13: \$200,000 Revised Allocation: \$500,000	08-0014K SHOPP/13-14 0814000034 4 1E4904 Emergency	2012-13 302-0042 SHA 20.20.201.130	\$200,000
8 \$300,000 San Bernardino 08-SBd-95 R57.3/60.4	Near Needles, from Route 40 to 3 miles south of Goff Road. On August 25, 2013, a strong storm delivered heavy rain to this high desert area causing undermining of the shoulders and portion of the roadway travel way. The northbound lane was lost and the roadway was closed in both directions. This project is to excavate and backfill the roadway structure, remove and replace damaged asphalt concrete, remove debris, clear drainage systems and provide traffic control as necessary. Initial G-11 Allocation 08/30/13: \$300,000 (Additional \$20,000 was allocated for right of way purposes).	08-0238Q SHOPP/13-14 0814000069 4 1E6804 Emergency	2012-13 302-0042 SHA 20.20.201.130	\$300,000

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2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1))				
9 \$1,200,000 Tuolumne 10-Tuo-120 40.2/56.5	In Yosemite National Park, from Ferretti Road to the west boundary of the Park. The Rim Fire started August 17 in the Stanislaus National Forest and burned over 255,000 acres. The fire burned roadway slope vegetation and trees exposing the slopes to potential erosion and rockfall during the upcoming rainy season. This project is to stabilize the slopes with native seed mix and other erosion control measures like rock slope protection, install check dams of fiber rolls, remove timber and debris, clear and repair existing drainage systems, construct debris racks, and provide traffic control as necessary.	10-3024 SHOPP/13-14 1014000037 4 0Y7604 Emergency	2012-13 302-0890 FTF 20.20.201.130	\$1,200,000
Initial G-11 Allocation 10/01/13:		\$1,200,000		
10 \$1,500,000 Imperial 11-Imp-78 3.0/12.0	Near the Salton Sea on Route 78 and on Route 86 (Post mile 43.0/52.0). On August 24, 2013, severe flooding caused by heavy rain undermined the edges of the roadway at multiple locations along Route 78. On Route 86, flooding scoured bridge piers up to 8 feet below the previous grades and rock slope protection washed away exposing the bottom of pile caps and tops of piles supporting bridge abutments. This project is to repair the embankment and pavement of Route 78, and import soil material and rock slope protection to bring the grade up to levels prior to flooding stage at bridges along Route 86.	11-0543 SHOPP/13-14 1114000036 4 417704 Emergency	2012-13 302-0042 SHA 20.20.201.130	\$1,500,000
Initial G-11 Allocation 08/30/13:		\$1,500,000		

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Informational Report – SHOPP Safety-Resolution G-03-10 Delegated Allocations (2.5f.(3))				
1 \$386,000	In Thousand Oaks, at Lynn Road northbound ramps. <u>Outcome/Output:</u> Improve safety by replacing signal system to include protected left-turn phasing to reduce the number and severity of traffic collisions. Work also includes upgrades to curb ramps to meet Americans with Disabilities Act (ADA) requirements.	07-4506 SHOPP/13-14 \$415,000 0712000117 4 292504	2012-13 302-0042 SHA 302-0890 FTF 20.20.201.010	\$8,000 \$378,000
Ventura 07-Ven-101 5.2				
Allocation date: 10/24/2013				

2.5 Highway Financial Matters

#	Dist	County	Route	Postmiles	Location/Description	EA	Program Code	Original Est. FM-09-06	Allocation
2.5f. Informational Report – Minor Construction Program – Resolution G-05-05 Delegated Allocations (2.5f.(4))									
1	02	Sis	5	Var	Construct two lighted chain-on areas in and near Yreka from Yreka Creek bridge to 0.2 mile south of Miner Street Undercrossing and from 0.8 mile south to 0.4 mile south of Ditch Creek Road Overcrossing.	4E2804	201.310	\$1,000,000	\$1,000,000
2	02	Tri	299	45.9/46.2	Widen existing roadway, improve drainage facilities and guardrail, install markers and remove trees.	4E3104	201.310	\$945,000	945,000
3	05	SLO	58	20.1	Near Santa Margarita at 0.9 mile west of Shell Creek Road. Replace culvert and construct headwalls at the inlet and outlet area to dissipate hydraulic energy and reduce stream bed erosion.	1A0904	201.151	\$290,000	\$277,000
4	09	Mno	6	2.4/4.0	Widen shoulders to 8 feet and install rumble strips to reduce run-off-the-road type accidents, provide safer travel for bicyclists, pedestrians and maintenance forces.	354304	201.015	\$1,000,000	\$968,000