

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: December 14-15, 2011

Reference No.: 2.5f.
Information Item

From: NORMA ORTEGA
Chief Financial Officer

Prepared by: Steven Keck
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:

- \$12,955,000 for 10 emergency construction projects, pursuant to the authority granted under Resolution G-11 (2.5f.(1)).
- \$5,043,000 for two safety projects, pursuant to the authority granted under Resolution G-03-10(2.5f.(3)).
- \$3,707,000 for five 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 October 26, 2011, the Department has allocated or sub-allocated the following for Fiscal Year (FY) 2011-12:

- \$28,627,000 for 29 emergency construction projects.
- \$24,779,000 for seven safety delegated projects.
- \$5,693,000 for eight 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 2011 meeting, the funding and project listing for the FY 2011-12 Lump Sum Minor Construction Program was approved by the Commission under Resolution FM-10-05.

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
2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1))				
1 \$560,000 Trinity 02U-Tri-36 4.5	Near Forest Glen, at 0.6 mile east of Laurel Road. An existing rock buttress retaining a previous slide area has become unstable causing heaving and displacement in the roadway at various locations. This project is to remove and reconstruct the rock buttress, grade and stabilize slope, improve drainage facilities and repair damaged pavement. Initial G-11 Allocation 10/05/11: \$ 560,000 (Additional \$16,000 was allocated for right of way purposes).	02-3475 SHOPP/11-12 021200027 4 4E7304 Emergency	2010-11 302-0042 SHA 20.20.201.130	\$560,000
2 \$3,400,000 Sutter 03U-Sut-20 17.0	In Yuba City, at the Feather River Bridge (Bridge #18-0009). The March 2011 high water flows accelerated the scouring of this bridge to the point where there was approximately 19 feet of exposed piles under the footing to Pier 22. The structure was monitored 24 hours a day for movement. Initial allocation was to add additional piles, pile cap and new seal coarse at Pier 22. A temporary coffer dam and a trestle were necessary to provide access to the site. The first supplemental allocation was to retrofit other piers (19, 20, and 21) due to changing river dynamics and potential for extensive river bank erosion. This supplemental allocation is necessary for additional rock slope protection upstream from the structure, additional scour protection at Pier 21, environmental mitigation, and repair of a Yuba City parking lot used and damaged by heavy equipments during construction. Initial G-11 Allocation 04/28/11: \$ 7,000,000 Supplemental G-11 Allocation 05/26/11: \$ 2,700,000 Supplemental G-11 Allocation 10/26/11: \$ 3,400,000 Revised Allocation: \$13,100,000 (Additional \$300,000 was allocated for right of way purposes).	03-8125 SHOPP/10-11 0300020737 4 2F6804 Emergency	2010-11 302-0042 SHA 20.20.201.130	\$3,400,000
3 \$4,000,000 Marin 04U-Mrn-1 2.6	Near Mill Valley, at 0.6 mile south of Panoramic Highway. As a result of last winter storms, a slipout created settlement on the roadway at this location. In August 2011, further settlement caused the buckling and separation of an existing culvert allowing culvert flows to seep out and further exacerbate the slipout movement. This project is to construct Cast-in-Drilled Hole (CIDH) pile wall to stabilize the roadway slope and repair the damaged culvert prior to the onset of the next winter season. Initial G-11 Allocation 10/26/11: \$ 4,000,000 (Additional \$50,000 was allocated for right of way purposes).	04-0174B SHOPP/11-12 0400020872 4 1SS074 Emergency	2010-11 302-0042 SHA 20.20.201.130	\$4,000,000 Marin 04U-Mrn-1 2.6
4 \$1,200,000 Santa Clara 04U-SCI-880 1.8	In San Jose, at Park Avenue. Groundwater is seeping out between two northbound lanes at this location and causing the concrete pavement to breakup and drop due to loss of base material. This project is to reconstruct the under-drain trench and drainage, replace permeable blanket, and reconstruct the pavement. Initial G-11 Allocation 10/18/11: \$1,200,000	04-0408Q SHOPP/11-12 0412000214 4 4G1504 Emergency	2010-11 302-0042 SHA 20.20.201.130	\$1,200,000 Santa Clara 04U-SCI-880 1.8
5 \$500,000 San Mateo 04U-SM-35 28.9	In Daly City, at 0.3 mile north of Route 1. A drainage pipe failure due to last winter heavy rainstorms caused the slope to fail along Higate Drive below the highway. The slope damage was recently discovered by Maintenance crews. This project is to reconstruct the slope with rock slope protection (RSP) and repair the damaged 18-inch drainage pipe. Initial G-11 Allocation 10/05/11: \$500,000	04-06361 SHOPP/11-12 0412000110 4 3G5604 Emergency	2010-11 302-0042 SHA 20.20.201.130	\$500,000

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6 \$900,000 San Mateo 04U-SM-280 6.7	Near Woodside, at Edgewood Road. Following heavy March 2011 rain, several sinkholes began to appear at this location. Recent inspection of the 54-inch, 400-foot long corrugated metal pipe (CMP) culvert at the Edgewood Road ramps revealed a rotted invert and a failed pipe. This project is to replace the failed culvert and backfill the sinkhole areas. Initial G-11 Allocation 10/18/11: \$900,000	04-0680A SHOPP/11-12 0400021173 4 1SS274 Emergency	2010-11 302-0042 SHA 20.20.201.130	\$900,000
7 \$770,000 Los Angeles 07U-LA-2 40.3/61.6	In the Angeles National Forest. At Postmile (PM) 40.3 and also at PM 61.5. Late December 2010 storms saturated the hillside causing the steep slopes to fail at two locations (PM 40.3 and 61.5). Initial allocation was to excavate the slide material, rebuild the slopes and repair the roadway. The fill slope at PM 61.5 continued to expand requiring additional excavation, more backfill material and larger roadway repairs than was originally estimated resulting in the need for the first supplemental allocation. This supplemental allocation is due to environmental delays, unanticipated soil conditions and extensive erosion control measures. Initial G-11 Allocation 05/04/11: \$2,900,000 Supplemental G-11 Allocation 07/11/11: \$ 652,000 Supplemental G-11 Allocation 10/24/11: \$ 770,000 Revised Allocation: \$4,322,000 (Additional \$777,000 was allocated for right of way purposes).	07-4443 SHOPP/10-11 0700021188 4 3X4204 Emergency	2010-11 302-0042 SHA 302-0890 FTF 20.20.201.130	\$88,300 \$681,700
8 \$275,000 San Bernardino 08U-SBd-18 114.0	Near Adelanto, one mile east of Oasis Road. On September 21, 2011, two sinkholes were discovered at this location. A damaged 48-inch corrugated steel pipe culvert is found to be the cause of the sinkholes. This project is to replace the damaged culvert, repair the roadway, and conduct traffic control as necessary. Initial G-11 Allocation 10/05/11: \$275,000	08-0190G SHOPP/11-12 0812000126 4 0R6004 Emergency	2010-11 302-0042 SHA 20.20.201.130	\$275,000
9 \$750,000 San Bernardino 08U-SBd-38 23.5/24.0	Near Angelus Oaks, in the San Bernardino National Forest. On September 19, 2011, a tanker truck transporting approximately 8,200 gallons of gasoline overturned at this location. Approximately 6,000 gallons spilled out and contaminated the soil on the north side of the highway. This project is to excavate portions of the shoulder and roadway in order to remove the contaminated soil and replace with clean soil including paving. Initial G-11 Allocation 10/05/11: \$750,000	08-0204T SHOPP/11-12 0812000127 4 0R6104 Emergency	2010-11 302-0042 SHA 20.20.201.130	\$750,000
10 \$600,000 San Bernardino 08U-SBd-330 36.2/44.1	Near Highland, from 5.6 miles south of Live Oak Drive to State Route 18. Severe winter storms beginning in December 2010 caused multiple slides and washouts at this location causing full roadway closure. Initial project was to install debris racks, bore and jack replacement drainage pipes, construct access road, and repair damaged culverts. The first supplemental allocation was due to new discoveries during construction that required roadway realignment and additional backfill for sinkholes that developed during drainage pipe installation. This supplemental allocation is due to excess soil material on the site that needs removal and additional erosion control measures requested by environmental agencies. Initial G-11 Allocation 02/15/11: \$6,000,000 Supplemental G-11 Allocation 07/29/11: \$1,000,000 Supplemental G-11 Allocation 10/20/11: \$ 600,000 Revised Allocation: \$7,600,000	08-0255J SHOPP/10-11 0800020386 4 0Q5404 Emergency	2010-11 302-0042 SHA 302-0890 FTF 20.20.201.130	\$69,000 \$531,000

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Informational Report – SHOPP Safety-Resolution G-03-10 Delegated Allocations (2.5f.(3))				
1 \$1,504,000 Kern 06S-Ker-5 69.6/73.1	Near Lebec, from 0.2 mile north to 0.9 mile north of Fort Tejon Overcrossing. <u>Outcome/Output</u> : Construct thrie-beam median barrier to reduce collisions and improve safety along 3.5 roadway centerline miles. Allocation date: 09/22/2011	06-6463 SHOPP/11-12 \$1,636,000 0600000295 4 0L2204	2010-11 302-0042 SHA 302-0890 FTF 20.20.201.010	\$30,000 \$1,474,000
2 \$3,539,000 Kern 06S-Ker-119 4.7/8.5	Near Bakersfield, from 0.2 mile east of Weed Creek to 0.3 mile east of Lakeview Wash Bridge. <u>Outcome/Output</u> : Widen shoulders and add rumble strips to reduce collisions and improve safety along 3.8 roadway centerline miles. Allocation date: 10/04/2011	06-6429 SHOPP/11-12 \$3,564,000 0600000187 4 0J5204	2010-11 302-0890 FTF 20.20.201.010	\$3,539,000

#	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	04	Nap	29	36.9/38.1	Remove and replace asphalt concrete surfacing in downtown Calistoga from Junction Route 128 to Silverado Trail.	0G5304	201.121	\$1,000,000	\$803,000
2	04	Nap	128	4.0/4.6	Overlay asphalt concrete and replace culvert drainage aprons.	4C3514	201.121	\$700,000	\$624,000
3	06	Fre	99	Var	Install vehicle detection systems at various locations.	0M7604	201.315	\$984,000	\$845,000
4	06	Kin	5	19.1	Relocate two changeable message signs, construct maintenance vehicle pullouts to allow maintenance personnel safe access and install metal beam guardrail..	0L8004	201.235	\$625,000	\$680,000
5	10	Tuo	108	58.8	Construct soldier pile wall to mitigate erosion.	0S2404	201.150	\$650,000	\$755,000