

## Memorandum

To: CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: January 20-21, 2016

Reference No.: 2.5f.  
Information Item

From: NORMA ORTEGA  
Chief Financial Officer

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Division of  
Budgets

Subject: **INFORMATIONAL REPORTS – DELEGATED ALLOCATIONS**  
**EMERGENCY G-11, SHOPP 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:

- \$10,400,000 for 12 emergency construction projects, pursuant to the authority granted under Resolution G-11 (2.5f.(1)).
- \$13,110,000 for five SHOPP Safety Lump Sum projects Sub-Allocations (2.5f.(3)).
- \$600,000 for one State Highway Operation and Protection Program (SHOPP) Minor A project, pursuant to the authority granted under Resolution G-05-05 (2.5f.(4)).

As of December 10, 2015, the Department has allocated or sub-allocated the following for Fiscal Year 2015-16:

- \$181,258,000 for 98 emergency construction projects.
- \$41,588,000 for 18 SHOPP Safety Lump Sum projects.
- \$6,495,000 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, as amended by Resolution G-06-13, delegating to the Department authority under lump sum FM-15-03, 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 2015 meeting, the funding and project listing for the FY 2015-16 Lump Sum Minor Construction Program was approved by the Commission under Resolution FM-14-05.

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.(1) Informational Report - Emergency G-11 Allocations</b>				
1 \$1,700,000  Lake 01-Lak-20 35.5/46.5	Near Clearlake Oaks, from 0.5 mile west of Gravel Plant Road to the Colusa County line. The "Rocky Fire" began on July 29, 2015 and a Governor's state of emergency proclamation was made July 31, 2015. The wildfire and resulting damage caused full closure of the route for about a week. Observed damage along the route by Department staff included denuded slopes, burned fences, and clogged drainage systems. Repairs were being made by maintenance personnel when staff resources were redirected to the nearby "Valley Fire" on September 12. This project will secure an external contract to repair damaged culverts and drainage systems, repair damaged fencing, dispose of debris, stabilize slopes, and implement storm water best management practices (BMP's), before large winter rain events.  Initial G-11 Allocation 11/05/15: \$1,700,000 (Additional \$25,000 was allocated for right of way purposes).	01-3109 SHOPP/15-16 0116000064 4 0F800  Emergency	2014-15 302-0042 SHA 20.20.201.130	\$1,700,000
2 \$1,300,000  Trinity 02-Tri-299 12.3/12.9	Near Burnt Ranch, from 1.4 miles to 0.9 mile west of Mill Creek Road. Recent rains have caused a slide on the very steep slope above the roadway. The slope has failed four times since 11/14/15, causing multiple road closures due to rock fall. The site is within the limits of an existing construction contract that has work locations on both sides of the slide area, but the slide slope is not directly impacted by the contract work. The ongoing contract work requires one-way traffic control at the location of the slide, but rock continues to fall on the roadway. The contractor has stacked concrete barrier railing and placed temporary lighting at the slide location to protect the traveling public. This emergency project work will include removing loose material from the slope, reshaping the slope, and covering with a cable net drapery system to prevent further falling rocks from entering the roadway.  Initial G-11 Allocation 12/01/15: \$1,300,000 (Additional \$10,000 was allocated for right of way purposes).	02-3649 SHOPP/15-16 0216000064 4 2H230  Emergency	2014-15 302-0042 SHA 20.20.201.130	\$1,300,000
3 \$400,000  Colusa 03-Col-16 R3.3/R3.6	In Colusa County on Route 16 (also PM 6.1/6.3). The "Rocky Fire" began on July 29, 2015 and a Governor's state of emergency proclamation was made July 31, 2015. Maintenance staff assessed the burn area on August 10th, and the fire was fully contained by August 14th. Observed damage included scorched slopes, burned brush and trees, and minor roadway impacts. Repairs were being made by maintenance personnel when on October 26th further inspection revealed two locations that need more substantial repairs. This project will place rock slope protection (RSP) armoring on eroded areas of cut slopes and in slope ditches, re-grade the surface, and hydroseed, before large winter rain events.  Initial G-11 Allocation 11/30/15: \$400,000	03-2854 SHOPP/15-16 0316000111 4 1H340  Emergency	2014-15 302-0042 SHA 20.20.201.130	\$400,000

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<b>2.5f.(1) Informational Report - Emergency G-11 Allocations</b>				
4 \$1,000,000  Nevada 03-NeV-49 18.3/18.4	In Nevada and Placer Counties on Routes 49 and 80 (PM 41.5 & R66.5) at various locations. The Department's culvert inspection program found six culverts in urgent need of repair to prevent loss of structural support of the roadway. Sections of the culverts have partially collapsed, both reducing flow capacity and resulting in eroded embankment voids. Repairs are needed before winter rain events to prevent roadway damage. This project will replace and line culverts, and construct new headwalls and drainage inlet structures. A supplemental allocation is necessary for two additional culverts discovered by more recent inspections. Both culverts show distress caused by severe rusting. The roadway pavement above the second culvert has cracked due to settlement (Yuba County Route 49, PM 7.04). The project will line one culvert and replace the second.  Initial G-11 Allocation 10/30/15: \$ 800,000 Supplemental G-11 Allocation 11/30/15: \$ 200,000 Revised Allocation: \$1,000,000	03-4786 SHOPP/15-16 0316000091 4 1H290 Emergency	2014-15 302-0042 SHA 20.20.201.130	\$1,000,000
5 \$600,000  Alameda 04-Ala-880 28.9/29.0	In Oakland, at 23rd Avenue Overcrossing South and North (Bridge No. 33-0139 and 33-0149). On October 19, 2015 an approximately 400 foot section of the metal bridge railing and fencing fell from the structure to the freeway below, damaging multiple vehicles. Temporary concrete railing was placed allowing the bridge to reopen to vehicles, but remains closed to pedestrians. The same railing and fencing type on the opposite side and on the adjacent overcrossing are showing similar signs of distress. This project will replace the bridge railing and fence on both sides of two overcrossing structures.  Initial G-11 Allocation 10/30/15: \$600,000	04-4C335 SHOPP/15-16 0416000161 4 0K910 Emergency	2014-15 302-0042 SHA 20.20.201.130	\$600,000
6 \$500,000  San Luis Obispo 05-SLO-1 65.3/65.7	North of San Simeon, near Piedras Blancas Lighthouse at Arroyo Del Oso. Recent high-tide and storm surf events have damaged the rock slope protection (RSP) revetment that protects the roadway embankment at six locations. The resulting rock loss and bluff erosion has undermined the shoulder at three locations. Immediate action is required before further winter storms to prevent loss of the shoulder and southbound lane. This project will rebuild the RSP revetment to original lines and grade, rebuild and stabilize the shoulder, and repave as needed.  Initial G-11 Allocation 11/10/15: \$500,000	05-2622 SHOPP/15-16 0515000113 4 1G860 Emergency	2014-15 302-0042 SHA 20.20.201.130	\$500,000

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<b>2.5f.(1) Informational Report - Emergency G-11 Allocations</b>				
7 \$1,000,000  Kern 06-Ker-5 5.6/8.2	Near Lebec, from 5.6 miles north of the Los Angeles County line to 7.3 miles south of Route 99. On October 15, 2015 a severe weather event resulted in flash flooding and multiple mudslides severely impacting the roadway. The resulting water, mud, and rocks stranded hundreds of vehicles in up to 5 feet of earth, closing the roadway in both directions. The initial project removed mud and debris from the roadway, cleaned drainage systems, repaired slopes, implemented erosion control and slope stabilization measures, and performed traffic control. A subsequent storm event on November 2nd brought additional mudslide debris and re-plugged the recently cleared drainage systems. Geologist reviews determine there is a high chance for recurring mud and flow debris until re-vegetated next Spring per recommendations. The current clogged drainage systems will result in roadway flooding and future roadway closure for storm events. This supplemental will re-clean the culverts and enable rapid response to future mud-flows over the next few winter months.  Initial G-11 Allocation 10/22/15: \$500,000 Supplemental G-11 Allocation 11/12/15: \$1,000,000 Revised Allocation: \$1,500,000	06-6784 SHOPP/15-16 0616000082 4 0U900 Emergency	2014-15 302-0042 SHA 20.20.201.130	\$1,000,000
8 \$750,000  Los Angeles 07-LA-1 R40.0/40.4	Near Malibu, from 0.1 mile south of Coastline Drive to 0.4 mile south of Topanga Canyon Boulevard. High surf conditions have resulted in slope and shoulder failures along the beach side of the highway. The erosion has reached the paved shoulder. The compromised slopes present a danger to all modes of the traveling public. The project will repair and restore 500 feet of compromised support slopes with rock slope protection and geotextile fabric. In addition, damaged drainage systems will also be repaired.  Initial G-11 Allocation 11/23/15: \$750,000 (Additional \$75,000 was allocated for right of way purposes).	07-4952 SHOPP/15/16 0716000177 4 4X790 Emergency	2014-15 302-0042 SHA 20.20.201.130	\$750,000
9 \$650,000  Los Angeles 07-LA-14 R53.3/R58.5	In and near Palmdale, from south of Sierra Highway Overcrossing to north of Avenue S. Erosion and landslide activity has resulted in rock fall activity onto the highway at two locations. The landslide has the potential to collapse into the traveled way. This contract will mitigate slide activity by grading the slope and installing concrete barrier with 8 foot fencing to protect the highway from rock falls. These actions are necessary to prevent another landslide and prevent rock and soil from striking vehicles and blocking the traveled way.  Initial G-11 Allocation 11/23/15: \$650,000	07-4948 SHOPP/15/16 0716000098 4 4X750 Emergency	2014-15 302-0042 SHA 20.20.201.130	\$650,000

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<b>2.5f.(1) Informational Report - Emergency G-11 Allocations</b>				
10 \$1,000,000 Riverside 08-Riv-15 24.0	In Lake Elsinore, north of Nichols Road. On December 1, 2015 a tanker truck carrying 8,700 gallons of fuel caught fire and burned for 3 hours, causing damage to the concrete pavement. Two southbound lanes and the outside shoulder were closed due to damage. Repairs are needed to avoid long-term lane restrictions. This project replaces the affected concrete slabs so that the roadway can be reopened. Abatement for damage expenses is being sought from responsible parties.  Initial G-11 Allocation 12/09/15: \$1,000,000 (Additional \$30,000 was allocated for right of way purposes).	08-3004X SHOPP/15-16 0816000075 4 1G810 Emergency	2014-15 302-0042 SHA 20.20.201.130	\$1,000,000
11 \$800,000 San Bernardino 08-SBd-38 26.5/30.7	In Barton Flats, from Barton Creek to South Fork Santa Ana River. The "Lake Fire" burned over 31,000 acres in June 2015 and destroyed trees and vegetation within the project limits. This loss of trees and vegetation have left the highway side slopes vulnerable to higher runoff and debris flow. This project will replace four culverts and headwalls. The culverts need to be increased in diameter to accommodate the additional runoff and debris flow before large winter rain events occur. This is an interim project for a Permanent Restoration project EA 1G700, which will install debris flow barriers, concrete rock slope protection and additional protective measures within these project limits.  Initial G-11 Allocation 11/16/15: \$800,000 (Additional \$30,000 was allocated for right of way purposes).	08-3994X SHOPP/15-16 0816000067 4 1G790 Emergency	2014-15 302-0042 SHA 20.20.201.130	\$800,000
12 \$700,000 San Bernardino 08-SBd-40 R101.3	Near Essex, at Halfway Hills Wash (Bridge No. 54-0799L/R). Department staff observed severe scour erosion in the wash channel and around the bridge supports. Field observations and scour calculations show the incised channel has resulted in reduced cover over the bridge spread footings. Immediate repairs are necessary to protect the bridge supports from further threat to bridge stability before rain events occur. This project will stabilize the structures with rock slope protection until a permanent solution is developed.  Initial G-11 Allocation 11/05/15: \$700,000	08-3004W SHOPP/15-16 0816000066 4 1G780 Emergency	2014-15 302-0042 SHA 20.20.201.130	\$700,000

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Project # Allocation Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	PPNO Program/Year Prgm'd Amount Project ID Adv Phase EA	Budget Year Item # Fund Type Program Code	Amount by Fund Type
<b>2.5f.(3) Informational Report - SHOPP Safety Lump Sum Projects</b>				
1 \$4,068,000  Humboldt 01-Hum-299 R25.0/R25.9	Near Willow Creek, from 0.4 mile to 1.3 miles east of Chezem Road. <u>Outcome/Output:</u> Improve curve and widen shoulder to improve safety and reduce the number and severity of collisions.  Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED            \$428,000    \$503,911 PS&E              \$622,000    \$168,758 R/W Supp        \$52,000      \$0  (Construction Support: \$368,000)  (CEQA - CE, 5/9/2015.) (NEPA - CE, 5/9/2015.)  Allocation Date: 12/11/15	01-2308 SHOPP/15-16 \$4,071,000 0100020308 4 0A490	2014-15 302-0042 SHA 302-0890 FTF 20.20.201.010	\$81,000   \$3,987,000
2 \$6,979,000  Santa Barbara 05-SB-101 45.6/46.4	In Gaviota, from 0.7 mile north of Beckstead Overcrossing to 0.8 mile south of Gaviota Tunnel. <u>Outcome/Output:</u> Realign highway, replacing multiple sharp curves with a single curve that will provide improved visibility around the curve. The project will reduce the number and severity of collisions.  Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED            \$2,200,000    \$1,206,414 PS&E              \$1,300,000    \$745,305 R/W Supp        \$120,000      \$91,050  (Construction Support: \$1,900,000)  (CEQA - ND, 8/20/2015.) (NEPA - CE, 8/20/2015.)  (Future Consideration of Funding approved under Resolution E-14-07; March 2014.)  Allocation Date: 11/10/15	05-2292 SHOPP/15-16 \$6,578,000 0500020029 4 0T630	2014-15 302-0042 SHA 302-0890 FTF 20.20.201.010	\$140,000  \$6,839,000
3 \$400,000  Riverside 08-Riv-74 43.2/43.4	In and near Hemet, at Hemet Street. <u>Outcome/Output:</u> Install traffic signals, lighting, video detection system, loop detectors, landing pads and crosswalks to improve safety and reduce the number and severity of collisions.  Preliminary <u>Engineering</u> <u>Programmed</u> <u>Expended</u> PA&ED            \$235,000      \$258,628 PS&E              \$448,000      \$337,467 R/W Supp        \$136,000      \$51,660  (Construction Support: \$297,000)  (CEQA - CE, 9/2/2014.) (NEPA - CE, 9/2/2014.)  Allocation Date: 12/02/15	08-0059C SHOPP/15-16 \$566,000 0813000008 4 1C740	2014-15 302-0042 SHA 302-0890 FTF 20.20.201.010	\$8,000  \$392,000



2.5 Highway Financial Matters

#	Dist	County	Route	Postmile	Location/Description	EA	Program Code	Original Est. FM-09-05	Allocations
<b>2.5f.(4) Informational Report - Minor Construction Program - Resolution G-05-05 Delegated Allocations</b>									
1	02	Sha	299	88.7/89.2	Construct turnout for eastbound traffic and widen the paved shoulders near Fall River Mills from 2.1 miles to 1.5 miles west of Fall River Golf Road.	4G650	201.310	\$780,000	\$600,000