

## Memorandum

To: CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: January 18-19, 2017

Reference No.: 2.5f.  
Information Item

From: NORMA ORTEGA  
Chief Financial Officer

Prepared by: Clark Paulsen, Chief (Acting)  
Division of  
Budgets

Subject: **INFORMATIONAL REPORTS – DELEGATED ALLOCATIONS**  
**EMERGENCY G-11, SHOPP G-03-10 SAFETY, AND MINOR G-05-16**

### **SUMMARY:**

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

- \$8,225,000 for seven emergency construction projects, pursuant to the authority granted under Resolution G-11 (2.5f.(1)).
- \$1,495,000 for two safety projects, pursuant to the authority granted under Resolution G-03-10 (2.5f.(3)).
- \$1,791,000 for two State Highway Operation and Protection Program (SHOPP) Minor A projects, pursuant to the authority granted under Resolution G-05-16 (2.5f.(4)).

As of December 01, 2016, the Department has allocated or sub-allocated the following for Fiscal Year 2016-17:

- \$68,849,000 for 69 emergency construction projects.
- \$92,757,000 for 17 safety delegated projects.
- \$5,040,000 for nine SHOPP Minor A projects.

### **BACKGROUND:**

The Commission, by Resolution G-11, as amended by Resolution G-16-11, 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-16-11. 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 projects. This authority allows the Department to begin work without waiting for the next Commission meeting to receive an allocation.

Resolution G-05-16 authorizes the Department to sub-allocate funds for Minor projects. At the June 2016 meeting, the funding and project listing for the FY 2016-17 Lump Sum Minor Construction Program was approved by the Commission under Resolution FM-15-06.

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 allocate funds for safety projects and 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 \$915,000 Mendocino 01-Men-101 49.4	Near Willits, at 1.3 miles north of Upp Creek. On October 17, 2016, the Department conducted routine inspection of a 5-foot by 6-foot box culvert discovering the structural integrity had deteriorated with extensive cracking, a 2-foot displacement of the center culvert wall, and cracks had migrated to the roadway surface. This project will to remove and replace the failed box culvert crossing, reconstruct the roadway, and install erosion control measures. The work is necessary to restore the integrity of the culvert structure and ensure traveler safety.  (Construction Support: \$240,000)  Initial G-11 Allocation 10/27/16: \$915,000 (Additional \$10,000 was allocated for right of way purposes).	01-4655 SHOPP/16-17 0117000025 4 OG590  Emergency	2016-17 302-0042 SHA 20.20.201.130	\$915,000
2 \$1,370,000 El Dorado 03-ED-89 13.5/14.5	Near South Lake Tahoe, from 0.3 mile north of Spring Creek Road to 0.3 mile south of Cascade Road. On October 14, 2016, the Emerald Fire quickly ravished 176 acres along this mountainous section of Route 89, followed by a heavy storm which produced 4.94 inches of rainfall in 72-hours. The route was closed until tons of eroded soils were cleared from the roadway. This project will repair fire damaged slope/embankment, replace guard rail and signs, remove hazardous trees, and replace erosion control measures that were in place from a previously completed project. The work is necessary to mitigate severe erosion and stormwater pollution before downhill residences and Lake Tahoe are impacted, and to restore the roadside safety measures.  (Construction Support: \$100,000)  Initial G-11 Allocation 10/27/16: \$1,370,000 (Additional \$10,000 was allocated for right of way purposes).	03-3464 SHOPP/16-17 0317000112 4 2H440  Emergency	2016-17 302-0042 SHA 20.20.201.130	\$1,370,000
3 \$790,000 Placer 03-Pla-80 29.6	Near Weimar, at 0.3 mile north of Weimar Cross Road Overcrossing. On July 12, 2016 a follow-up field visit revealed a previously identified corroded large diameter (48-inch) culvert located approximately 40 feet under the roadway has since failed with substantial settlement (9-inches). The previous culvert invert repair plan was programmed as part of a larger project. However, run-off from heavy winter storm events have escalated the damage and require urgent repairs before the next winter season. This project will replace 246 feet of culvert using pipe ramming methods at the existing location. Supplemental funds are required to complete the work. Two significant rain events totaling 5.21 inches of rain required unplanned dewatering expense and groundwater seepage delayed pipe welding. Unexpected ground conditions were encountered during pile placement and soil nail work. Additional stormwater pollution control is required, and additional right of way for erosion control measures is necessary. Conditions require additional survey and settlement monitoring. The project will preserve the integrity of the heavily traveled roadway.  (Construction Support: \$50,000)  Initial G-11 Allocation 08/02/16: \$1,660,000 Supplemental G-11 Allocation 11/29/16: \$790,000 Revised Allocation: \$2,450,000 (Additional \$20,000 was allocated for right of way purposes).	03-5128 SHOPP/16-17 0317000017 4 1H890  Emergency	2016-17 302-0042 SHA 20.20.201.130	\$790,000

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<b>2.5f.(1) Informational Report - Emergency G-11 Allocations</b>				
4 \$900,000  Fresno 06-Fre-99 R0.9/6.5	In and near Kingsburg and Selma, from 0.9 mile north of the Tulare County line to 0.1 mile north of Route 43. Following heavy storm events on October 27-29, 2016, numerous roadway concrete slabs failed and are moving under traffic loads. Debris and large pot holes have developed. The roadway is deteriorating more quickly than Department maintenance forces can sustain. This project will remove and replace failed concrete pavement slabs with asphalt pavement. This work is necessary for temporary repairs to prevent full lane closures and to repair the worse of approximately 400 broken slabs. A programmed project is planned to address the long term roadway rehabilitation needs (EA 06-0S460).  (Construction Support: \$50,000)  Initial G-11 Allocation 11/14/16: \$900,000	06-6852 SHOPP/16-17 0617000100 4 0W000  Emergency	2016-17 302-0042 SHA 20.20.201.130	\$900,000
5 \$3,000,000  Calaveras 10-Cal-4 27.7/R63.0	Near Murphys and Arnold, from PM 27.7 to 63.0. On October 30, 2015, a Governor's Proclamation was issued in response to large tree mortality caused by drought, insect infestation, and disease. Maintenance crews are unable to keep up with the need. In this stretch, approximately 900 trees have been identified by the district tree maintenance crew as requiring removal. Identified trees have been classified as dead or having major structural deficiencies that are predisposed to failure. Tree failure within the state highway right of way is a threat to traffic, highway appurtenances, adjacent properties, and to fire. Supplemental work is necessary to remove additional dead and dying trees that have been identified since the Department's initial assessment. Over 3,000 trees are now identified of which over 2,250 hazardous trees remain for removal. This project will remove and dispose of identified trees.  (Construction Support: \$0)  Initial G-11 Allocation 07/07/16: \$1,360,000 Supplemental G-11 Allocation 11/10/16: \$3,000,000 Revised Allocation: \$4,360,000	10-3200 SHOPP/15-16 1016000226 4 1G560  Emergency	2016-17 302-0042 SHA 20.20.201.130	\$3,000,000
6 \$900,000  Calaveras 10-Cal-26 22.0/22.8	Near Mokelumne Hill, at four spot locations (PM 22.0, 22.24, 22.5, and 22.8). On October 29-30, 2016, debris from heavy rainfall plugged a culvert resulting in a mud slide onto the traveled way, eroding the embankment, and creating washouts in four locations. The slopes lack vegetation due to the previous Butte Fire. This project will repair storm damaged slope, install a 36-inch culvert with headwall, install rock slope protection (RSP), install overside drains with asphalt curb, and install erosion control measures. This is work is necessary to prevent further washouts and avoid the loss of the traveled way.  (Construction Support: \$450,000)  Initial G-11 Allocation 11/29/16: \$900,000	10-3213 SHOPP/16-17 1017000054 4 1G900  Emergency	2016-17 302-0042 SHA 20.20.201.130	\$900,000

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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>				
7 \$350,000 San Diego 11-SD-8 5.8	In the city of San Diego, at 0.20 mile east of Route 15. On October 17, 2016, Department forces identified a dip in the roadway and sink hole in the median shoulder. A subsequent investigation revealed that a city owned sewer utility line had been installed at this location in 2014 with a jack-and-bore operation by encroachment permit. City testing indicates the encased sewer line is undamaged. This project will repair sinkhole, grout voids around utility facility, and reconstruct the median shoulder pavement. This work is necessary to prevent further undermining of the roadway that could cause roadway failure and closure. If a responsible party can be positively determined, abatement will be sought.  (Construction Support: \$140,000)  Initial G-11 Allocation 10/27/16:	11-1254 SHOPP/16-17 1117000063 4 42920  Emergency	2016-17 302-0042 SHA 20.20.201.130	\$350,000

2.5 Highway Financial Matters

Project #	Allocation Amount	County	Dist-Co-Rte	Postmile	Location	Project Description	Allocation History	PPNO Program/Year Phase	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 Resolution G-03-10 Delegated Allocations</b>																
1	\$1,416,000	Monterey	05-Mon-183	R2.0/R8.6	In and near Salinas, from Davis Road to Blackie Road.	<u>Outcome/Output:</u> Install centerline and shoulder rumble strips, and resurface pavement to improve safety and reduce the number and severity of collisions.		05-2597	SHOPP/17-18	0515000008			2016-17	001-0890 FTF	20.10.201.010	\$297,000
						<u>Performance Measure:</u>			CON ENG							\$297,000
									CONST							\$22,000
										\$1,390,000				302-0890 FTF		<u>\$1,097,000</u>
						Planned: 23.0, Actual: 23.0	Collisions Reduced							20.20.201.010		\$1,119,000
										4						
										1G390						
						Preliminary										
						<u>Engineering</u>	<u>Budget</u>	<u>Expended</u>								
						PA&ED	\$280,000	\$162,018								
						PS&E	\$473,000	\$322,519								
						R/W Supp	\$35,000	\$2,745								
						(CEQA - CE, 2/16/2016)										
						(NEPA - CE, 2/16/2016)										
						Allocation Date: 12/01/16										
2	\$536,000	Riverside	08-Riv-10	29.6	In Whitewater, at the West Route 62 to East Route 10 Connector Overcrossing.	<u>Outcome/Output:</u> Apply high friction surface treatment (HFST) to improve safety and reduce the number and severity of collisions.		08-3004F	SHOPP/16-17	0815000076			2016-17	001-0890 FTF	20.10.201.010	\$160,000
						<u>Performance Measure:</u>			CON ENG							
									<del>\$135,000</del>							
									<b>\$160,000</b>							
									CONST							\$8,000
						Planned: 19.0, Actual: 19.0	Collisions Reduced			\$441,000				302-0890 FTF		<u>\$368,000</u>
														20.20.201.010		\$376,000
										4						
										1F950						
						Preliminary										
						<u>Engineering</u>	<u>Budget</u>	<u>Expended</u>								
						PA&ED	\$196,000	\$189,226								
						PS&E	\$345,000	\$206,996								
						R/W Supp	\$11,000	\$3,628								
						(CEQA - CE, 2/16/2016)										
						(NEPA - CE, 2/16/2016)										
						Allocation Date: 11/29/16										

2.5 Highway Financial Matters

#	Dist	County	Route	Postmile	Location/Description	EA1	Program Code	Original Est.	Allocations
<b>2.5f.(4) Informational Report - Minor Construction Program - Resolution G-05-16 Delegated Allocations</b>									
1	02	Plu	70	1.0/1.3	Lighting rehabilitation.	0H380	201.170	\$710,000	\$710,000
2	05	SLO	1	5.3/5.8	Add left-turn channelization at the intersection of SR 1 and Sheridan Road.	1C170	201.310	\$1,000,000	\$1,081,000