

# Memorandum

To: CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: May 7, 2013

Reference No.: 2.5f.  
Information Item

From: NORMA ORTEGA  
Chief Financial Officer

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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:

- \$11,345,000 for nine emergency construction projects, pursuant to the authority granted under Resolution G-11 (2.5f.(1)).
- \$10,796,000 for seven safety projects, pursuant to the authority granted under Resolution G-03-10(2.5f.(3)).
- \$10,210,000 for 14 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 April 9, 2013, the Department has allocated or sub-allocated the following for Fiscal Year (FY) 2011-12:

- \$66,520,000 for 52 emergency construction projects.
- \$42,978,000 for 24 safety delegated projects.
- \$25,098,000 for 36 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
<b>2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1))</b>				
1 \$500,000  Del Norte 01-DN-101 21.8	Near Crescent City at 0.9 mile south of Hamilton Road. Heavy rain in late November 2012 caused a landslide at this location that covered and closed the northbound lane of traffic. The slope remained unstable with debris and trees continued to fall on the roadway. The initial allocation was to remove and dispose of slide debris, stabilize the slope, repair the roadway surface, place erosion control measures, and provide traffic control as necessary. This supplemental is due to the slide becoming active again on January 29, 2013 after the completion of the initial repairs resulting in additional removal of slide material and roadway repairs.  Initial G-11 Allocation 12/05/12: \$ 500,000 Supplemental G-11 Allocation 02/19/13: \$ 500,000 Revised Allocation \$1,000,000	01-1096 SHOPP/12-13 0113000052 4 0C7804  Emergency	2011-12 302-0042 SHA 20.20.201.130	\$500,000
2 \$900,000  Humboldt 01-Hum-96 27.0	Near Somes Bar, 1.1 miles west of Aiken Creek Bridge. Heavy rain in late March 2012 caused a slipout at this location resulting in complete roadway loss. Initial allocation was to construct a 100-foot retaining structure, de-water roadway slope, and place erosion control measures. First supplemental allocation was due to the finding that the slipout was nearly three times longer than was originally observed when the initial estimate was made and wall length was revised to 266 feet. This supplemental allocation is mainly due to unforeseen geological conditions (fracture zone, underground water, and lack of competent rock base) that caused an increase in equipment cost and time delays to perform the task of constructing the retaining structure.  Initial G-11 Allocation 04/13/12: \$2,100,000 Supplemental G-11 Allocation 06/18/12: \$2,100,000 Supplemental G-11 Allocation 03/13/13: \$ 900,000 Revised Allocation \$5,100,000	01-2359 SHOPP/12-13 0112000247 4 0C3004  Emergency	2011-12 302-0890 FTF 20.20.201.130	\$900,000
3 \$1,500,000  Mendocino 01-Men-1 37.3	Near Elk, at 1.5 miles south of Navarro Bridge Road 517a. Heavy rain in late December 2012 caused a slipout to occur on the southbound edge of the travel way at this location. This project is to install vertical soil nails along the scarp to support the remaining roadway, reconstruct cross culverts, install a deep under-drain, retreat the roadway and pave into the northbound shoulder to acquire two lanes, install metal beam guardrail adjacent to the scarp to protect the travelling public from the drop, repair roadway surface, place erosion control, and provide traffic control as necessary.  Initial G-11 Allocation 01/22/13: \$1,500,000 (Additional \$10,000 was allocated for right of way purposes).	01-4582 SHOPP/12-13 0113000068 4 0C8604  Emergency	2011-12 302-0042 SHA 20.20.201.130	\$1,500,000
4 \$4,000,000  Alameda 04-Ala-24 5.9/6.2	In and near Oakland, at Caldecott Tunnel Bores 1, 2, and 3 (at the Alameda/Contra Costa County line). Recent testing of the existing fire water lines in Bores 1, 2, and 3 revealed that the system is unable to function under both, current or ultimate flow and pressure requirements. Water flows and pressures were well below acceptable minimum operating standards with substantial leaks and blocked flow at several locations. This project is to upgrade the interconnected existing fire water lines in Bores 1-3 to 2004 fire code standards similar to the new 8-inch line installed in the newly constructed Bore 4.  Initial G-11 Allocation 02/26/13: \$4,000,000	04-0058P SHOPP/12-13 0413000279 4 4H8004  Emergency	2011-12 302-0042 SHA 20.20.201.130	\$4,000,000

2.5 Highway Financial Matters

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<b>2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1))</b>				
5 \$550,000 San Mateo 04-SM-1 16.4	Near San Gregorio, at 1.7 miles south of Route 84. Recent winter rain and a failed drainage system caused a washout to develop along the west side of the highway at this location. The washout has eroded to the point of undermining roadway stability. This project is to repair the drainage system and reconstruct roadway embankment.  Initial G-11 Allocation 03/26/13: \$550,000 (Additional \$5,000 was allocated for right of way purposes).	04-0623Z SHOPP/12-13 0413000278 4 4H7904  Emergency	2011-12 302-0890 FTF 20.20.201.130	\$550,000
6 \$950,000 San Mateo 04-SM-1 16.8/17.1	Near San Gregorio, from 0.4 mile to 0.7 mile north of Pomponio Creek. Due to recent winter rain, three washouts developed along the east side of the highway. The washouts have eroded the roadway support to the point of causing lane loss. This project is to repair the washouts by adding rock slope protection (RSP) and repairing the drainage system.  Initial G-11 Allocation 02/11/13: \$950,000	04-0623Q SHOPP/12-13 0413000226 4 4H6204  Emergency	2011-12 302-0042 SHA 20.20.201.130	\$950,000
7 \$600,000 Monterey 05-Mon-101 66.4	In Soledad, at the Soledad Prison Overcrossing (Bridge #44-116). On January 26, 2013, a truck travelling on southbound Route 101 carrying a backhoe, struck the Overcrossing. Considerable damage to two of five girders and spalling of two others prompted the closure of the structure to traffic. This project is to remove unsound concrete, straighten or replace damaged tension bars, replace broken stirrups, recast the concrete, and inject epoxy to seal cracks.  Initial G-11 Allocation 01/04/13: \$600,000	05-2416 SHOPP/12-13 0512000184 4 1C6404  Emergency	2011-12 302-0042 SHA 20.20.201.130	\$600,000
8 \$1,095,000 San Benito 05-SBt-101 0.7	Near Prunedale, at 0.2 mile north of Cole Road. A series of storms in late 2012 and early 2013 caused a landslide to occur above this heavily traveled section of Route 101 along the inside of a horizontal curve. The rock and slide material encroached on the shoulder and continued to move causing a reduction in highway sight distance and threatening to block the highway travel way. This project is to remove the rock and slide material, flatten the slope to 2:1, install an under-drain system, and provide erosion control and landscaping as necessary.  Initial G-11 Allocation 01/28/13: \$1,095,000 (Additional \$20,000 was allocated for right of way purposes).	05-2346 SHOPP/12-13 0512000042 4 1A9304  Emergency	2011-12 302-0042 SHA 20.20.201.130	\$1,095,000
9 \$1,250,000 Orange 12-Ora-22 0.3/0.4	Near Seal Beach at the connector of Routes 22, 405 and 605 (Bridge #55-0428G). On March 15, 2013, a truck transporting a "rock crusher" lost its load while the truck was maneuvering a turn on the bridge deck. The crusher slipped off its platform and landed on the bridge barrier rail and bridge deck causing severe structural damage. This project is to provide temporary shoring to brace the bridge; restripe and provide temporary K-rails to transition traffic; remove and replace the damaged portion and section of bridge deck, exterior girder, soffit and bridge barrier rail.  Initial G-11 Allocation 03/21/13: \$1,250,000	12-2864A SHOPP/12-13 1213000171 4 0N2004  Emergency	2011-12 302-0042 SHA 20.20.201.130	\$1,250,000

2.5 Highway Financial Matters

Project # 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 Codes	Amount by Fund Type
<b>Informational Report – SHOPP Safety-Resolution G-03-10 Delegated Allocations (2.5t.(3))</b>				
1 \$1,200,000 Humboldt 01-Hum-101 54.3/56.8	Near Rio Dell, from the Eel River Bridge to 0.3 mile south of Van Duzen River Bridge. <u>Outcome/Output:</u> Install cable median barrier to reduce the severity and number of cross median collisions.  Allocation date: 03/26/2013	01-2331 SHOPP/12-13 \$1,105,000 0112000109 4 0B1904	2011-12 302-0042 SHA 302-0890 FTF 20.20.201.010	\$24,000   \$1,176,000
2 \$2,205,000 Tehama 02-Teh-32 22.3/22.8	Near Forest Ranch, from east of Deer Creek Bridge (Bridge #08-0072) to Deer Creek Bridge. <u>Outcome/Output:</u> Widen existing roadbed by adding paved shoulders and adjust roadway curve super-elevation in order to meet current design standards and reduce the number and severity of traffic collisions.  Allocation date: 02/13/2013	02-3429 SHOPP/12-13 \$1,900,000 0200000599 4 2E7304	2011-12 302-0042 SHA 302-0890 FTF 20.20.201.010	\$44,000   \$2,161,000
3 \$2,580,000 Tehama 02-Teh-36 39.7/40.3	Near Red Bluff, from Baker Road to 0.5 mile east of Baker Road. <u>Outcome/Output:</u> Increase horizontal curve radius, widen shoulders, and improve super-elevation to improve roadway geometrics, increase sight distance and increase clear recovery zone to reduce the number and severity of accidents.  Allocation date: 02/12/2013	02-3423 SHOPP/12-13 \$2,500,000 0200000588 4 2E6204	2011-12 302-0042 SHA 302-0890 FTF 20.20.201.010	\$52,000   \$2,528,000
4 \$2,330,000 Trinity 02-Tri-299 0.4/0.8	Near Salyer, from 0.7 to 0.2 mile west of Cambel Ridge Road. <u>Outcome/Output:</u> Widen existing roadbed by adding paved shoulders and adjust roadway curve super-elevation in order to meet current design standards and reduce the number and severity of traffic collisions.  Allocation date: 03/05/2013	02-3421 SHOPP/12-13 \$2,385,000 0200000211 4 2E3504	2011-12 302-0042 SHA 302-0890 FTF 20.20.201.010	\$47,000   \$2,283,000
5 \$1,168,000 Santa Clara 04-SCI-9 0.0/7.0	Near Saratoga, from Route 35 Junction to 0.1 mile south of 6th Street Intersection. <u>Outcome/Output:</u> Widen existing shoulder at 33 locations to reduce the number and severity of traffic collisions.  Allocation date: 03/18/2013	04-0882 SHOPP/12-13 \$2,633,000 0400002013 4 1G0704	2011-12 302-0890 FTF 20.20.201.010	\$1,168,000
6 \$1,090,000 Kern 06-Ker-99 24.6	In Bakersfield, at California Avenue. <u>Outcome/Output:</u> Realign the westbound California Avenue-to southbound Route 99 entry to the existing loop on-ramp, and lengthen merge distance on the loop ramp to reduce the frequency and severity of traffic collisions at one location.  Allocation date: 03/06/2013	06-6486 SHOPP/12-13 \$1,136,000 0600000306 4 0L3904	2011-12 302-0042 SHA 302-0890 FTF 20.20.201.010	\$22,000   \$1,068,000
7 \$223,000 Amador 10-Ama-88 3.1/4.4	At and near Sunnybrook, from 0.4 mile west of west Junction Route 104 to 0.8 mile west of Ridge Road. <u>Outcome/Output:</u> Install centerline rumble strips along 4.5 centerline miles to reduce the frequency and severity of cross median collisions.  Allocation date: 03/11/2013	10-0344 SHOPP/12-13 \$652,000 1000020354 4 0U2804	2011-12 302-0042 SHA 302-0890 FTF 20.20.201.010	\$4,000   \$219,000

## 2.5 Highway Financial Matters

#	Dist	County	Route	Postmiles	Location/Description	EA	Program Code	Original Est. FM-09-06	Allocation
<b>2.5f. Informational Report – Minor Construction Program – Resolution G-05-05 Delegated Allocations (2.5f.(4))</b>									
1	02	Las	147	0.5/1.2	Remove and construct structural section, replace drainage system and construct shoulders.	4E3404	201.120	\$1,000,000	\$1,000,000
2	04	CC	80	10.7	Digouts, grind and replace asphalt concrete and construct curb ramps.	4G3904	201.121	\$1,000,000	\$929,000
3	04	SM	280	9.6/10.8	Rehabilitate roadway to extend the life of the pavement and improve ride quality.	4G4104	201.121	\$1,000,000	\$998,000
4	06	Ker	99	19.5	Widen off-ramp and construct auxiliary lane.	0N6904	201.310	\$1,000,000	\$996,000
5	07	LA	1	20.7/20.8	Install left-turn phasing and upgrade traffic signal, modify existing pedestrian crosswalk and install Americans with Disabilities curb ramps.	4T5404	201.310	\$400,000	\$413,000
6	08	Riv	10	Var	Install median barrier gate system to reduce traffic congestions and provide access to maintenance and emergency vehicles.	0R5804	201.310	\$970,000	\$954,000
7	08	Riv	74	22.6/23.5	Install traffic signal to reduce the number and severity of broadside collisions.	0R1904	201.310	\$375,000	\$273,000
8	08	Riv	74	35.9	Install traffic signal, loop detectors and reconstruct curb ramp to comply with Americans with Disabilities Act (ADA).	0R1804	201.310	\$364,000	\$152,000
9	08	Riv	Var	Var	Install three changeable message signs at various locations.	0Q9204	201.315	\$1,000,000	\$974,000
10	09	Mno	L5710		Construct new crew structure at the existing Lee Vining Maintenance Station.	354404	201.352	\$800,000	\$800,000
11	10	SJ	32.7/49.8		Install inside and outside shoulder rumble strips at various locations to alert inattentive motorists.	0T7904	201.015	\$780,000	\$586,000
12	10	Sta	132	27.7	Construct a two-way left- turn pocket to provide a safe environment for pedestrians and bicyclists.	0N1804	201.310	\$580,000	\$655,000
13	10	Tuo	49	18.0/18.3	Overlay rubberized asphalt concrete to improve ride quality and extend pavement service life.	0K1504	201.120	\$915,000	\$915,000
14	11	Imp	8	R73.1/R73.9	Rehabilitate pavement and replace dike and drains.	410004	201.120	\$950,000	\$565,000