

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: April 7-8, 2010

Reference No.: 2.5f.
Information Item

From: NORMA ORTEGA
Chief Financial Officer

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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:

- \$23,780,000 for 21 emergency construction projects, pursuant to the authority granted under Resolution G-11 (2.5f.(1)).
- \$2,226,000 for two safety projects, pursuant to the authority granted under Resolution G-03-10 (2.5f.(3));
- \$9,132,000 for 16 State Highway Operation and Protection Program Minor projects, pursuant to the authority granted under Resolution G-05-05 (2.5f.(4)).

As of February 23, 2010, the Department has allocated or sub-allocated the following for Fiscal Year (FY) 2009-10:

- \$60,425,000 for 46 emergency construction projects.
- \$3,265,000 for three safety delegated project.
- \$29,078,000 for 54 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 2009 meeting, the funding and project listing for the FY 2009-10 Lump Sum Minor Construction Program was approved by the Commission under Resolution FM-08-07.

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	EA PPNO Program	Budget Year Item # Fund Type	Amount by Fund Type
2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1))				
1 \$255,000 Humboldt 01U-Hum-101 107.5	Near Big Lagoon, 1.7 miles south of Big Lagoon Bridge. On January 19, 2010, following a series of severe rainstorms, a drainage system at this location experienced significant damage from a fallen tree. The tree crushed and separated a down-drain resulting in embankment erosion. This project is to replace the separated and damaged down-drain, repair slope, and provide traffic control as necessary. Initial G-11 Allocation 02/01/10: \$255,000. (Additional \$5,000 was allocated for right of way purposes.)	499201 01-2293 SHOPP Emergency	2009-10 302-0042 SHA	\$255,000
2 \$660,000 Humboldt 01U-Hum-101 70.6/88.3	At various locations near Eureka, also on Routes 255 and 299. On January 9, 2010, a strong earthquake occurred in the area resulting in the settlement of paved roadway approaches to 11 bridges at 7 locations. This project is to grind and reconstruct the damaged bridge approaches and conduct traffic control as necessary. Initial G-11 Allocation 02/10/10: \$660,000. (Additional \$10,000 was allocated for right of way purposes.)	499601 01-2294 SHOPP Emergency	2009-10 302-0042 SHA	\$660,000
3 \$590,000 Mendocino 01U-Men-101 100.7	Near Piercy, 0.23 miles north of Red Mountain Creek. On January 30, 2010, and due to a series of severe rain storms, the drainage system at this location was damaged causing the washing out of the embankment above the South Fork Eel River, separation of the down-drain, and damage of the cross culvert. This project is to repair the drainage system and roadway embankment to prevent further erosion and discharge of sediment into the river below. Initial G-11 Allocation 02/09/10: \$590,000. (Additional \$10,000 was allocated for right of way purposes.)	499301 01-4515 SHOPP Emergency	2009-10 302-0042 SHA	\$590,000
4 \$590,000 Mendocino 01U-Men-101 101.5/102.2	Near Piercy, 0.18 mile north of Route 271. On January 21, 2010, following 3 days of heavy rain, significant roadway damage including embankment failure, down drain separation and culvert erosion occurred at this location. This project is to repair embankment slip-out, replace separated and damaged down drains, place a lining in existing cross culvert, place rock slope protection, and provide traffic control where necessary. Initial G-11 Allocation 02/01/10: \$590,000. (Additional \$10,000 was allocated for right of way purposes.)	497601 01-4514 SHOPP Emergency	2009-10 302-0042 SHA	\$590,000
5 \$1,095,000 Shasta 02U-Sha-299 0.2/0.4	Near Redding, from 0.2 miles to 0.4 miles east of the Trinity County line. On January 19, 2010, following a series of severe rainstorms, severe erosion and slope destabilization occurred at this location. Soil movement caused a 36-inch drainage system to separate at the joint directing additional water on the lower slope and increasing the rate of erosion and instability of the fill slope. This project is to buttress the toe of the lower slope, place rock slope protection (RSP), and repair the drainage system. Initial G-11 Allocation 02/01/10: \$1,095,000. (Additional \$5,000 was allocated for right of way purposes.)	2E9101 02-3431 SHOPP Emergency	2009-10 302-0042 SHA	\$1,095,000

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6 \$600,000 San Mateo 04U-SM-84 8.4	Near La Honda, at 0.1 mile east of Pescadero Road. On January 21, 2010, following a series of severe rainstorms, a slip-out occurred at this location. A tree fell into the creek with the root ball taking material from the roadway shoulder with it and undermining 20 feet of the shoulder up to the edge of travel lane. This project is to reconstruct the slope with rock slope protection and prevent the damage from reaching the highway travel lanes. Initial G-11 Allocation 02/10/10: \$600,000. (Additional \$5,000 was allocated for right of way purposes.)	1G2201 04-0060E SHOPP Emergency	2009-10 302-0042 SHA	\$600,000
7 \$300,000 Sonoma 04U-Son-128 1.2	Near Cloverdale, at 1.18 miles south of the Mendocino County line. On January 20, 2010, following a series of severe rainstorms, a large slide deposited large volume of soil debris onto the roadway causing complete closure of the highway at this location. This project is to remove the slide debris, re-grade the slope, and apply erosion control measures. Initial G-11 Allocation 01/26/10: \$300,000. (Additional \$10,000 was allocated for right of way purposes.)	1G1701 04-0829L SHOPP Emergency	2009-10 302-0042 SHA	\$300,000
8 \$1,470,000 Sonoma 04U-Son-128 5.4	In Geyserville, at the Russian River Bridge (Bridge 20-0288). On January 22, 2010 following a series of severe rain storms, increased flows in the Russian River began to wash away the west bank at this location. The bank supports the west approach to the bridge and its loss would result in bridge and highway closure. This project is to repair damaged river bank and place rock slope protection. Initial G-11 Allocation 01/28/10: \$1,470,000. (Additional \$30,000 was allocated for right of way purposes.)	1G1801 04-0829K SHOPP Emergency	2009-10 302-0042 SHA	\$1,470,000
9 \$400,000 Monterey 05U-Mon-1 22.5/22.9	Near Big Sur at Lucia. On February 6, 2010, a slip-out occurred at this location resulting in the complete loss of the southbound lane for approximately 200 feet. This project is to install a temporary one-way traffic signal system, stabilize the damaged roadway and continue to support the embankment below the roadway to ensure the integrity of the remaining northbound lane. A permanent restoration project to reconstruct the southbound lane and address long-term stability of the highway at this location will be pursued. Initial G-11 Allocation 02/10/10: \$400,000.	0T5501 05-2291 SHOPP Emergency	2009-10 302-0042 SHA	\$400,000
10 \$900,000 Monterey 05U-Mon-1 46.8	Near Big Sur, at 0.15 miles north of the Big Sur River Bridge (#44-21). On January 19, 2010, following a series of severe rain storms, the Big Sur River began to rise and erode its banks. At this location, the river is in close proximity to the highway and was quickly approaching the travel way and eroding roadway support. This project is to place rock slope protection along the river bank as an interim preemptive measure to prevent roadway wash out. A permanent restoration project will be later pursued to provide long term solution to riverbank erosion at this location. Initial G-11 Allocation 01/27/10: \$900,000. (Additional \$25,000 was allocated for right of way purposes.)	0S9401 05-2286 SHOPP Emergency	2009-10 302-0042 SHA	\$900,000

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11 \$1,990,000 Monterey 05U-Mon-1 7.1/7.3	South of Carmel, at approximately 0.1 mile north of Villa Creek Bridge (#44-28). On January 21, 2010, following a series of severe rain storms, the rock slope protection below the roadway failed. The fill slope once supported by the rock revetment slipped out causing a crack to appear in the southbound travel lane. This project is to reconstruct the fill slope and add rock slope protection below the highway. Initial G-11 Allocation 01/26/10: 1,990,000. (Additional \$10,000 was allocated for right of way purposes.)	0S9501 05-2290 SHOPP Emergency	2009-10 302-0042 SHA	\$1,990,000
12 \$895,000 Santa Barbara 05U-SB-135 10.5	Near Santa Maria, at approximately 1 mile south of Route 1. On January 21, 2010, following a series of severe rain storms, an existing culvert at this location failed. The deteriorated invert of the 12-foot diameter structural steel plate pipe culvert has become undermined and storm water was flowing underneath the culvert undermining the roadway. The northbound lanes were closed to traffic. This project is to replace the damaged culvert and repair damage to roadway. Initial G-11 Allocation 01/26/10: \$895,000. (Additional \$5,000 was allocated for right of way purposes.)	0S9701 05-2287 SHOPP Emergency	2009-10 302-0042 SHA	\$895,000
13 \$300,000 San Luis Obispo 05U-SLO-166 66.7	Near Cuyama, at approximately 0.1 mile east of Bell Road. On January 21, 2010 following a series of severe rain storms, an existing corrugated metal pipe culvert at this location collapsed and flooded the highway. This project is to replace the culvert and inlet area with a new drainage system and repair the damage to the side slopes. Initial G-11 Allocation 01/28/10: \$300,000. (Additional \$5,000 was allocated for right of way purposes.)	0S9601 05-2288 SHOPP Emergency	2009-10 302-0042 SHA	\$300,000
14 \$600,000 Fresno 06U-Fre-168 49.3/49.5	Near Shaver Lake, from 16.6 miles south of the end of Route 168 to 9.2 miles south of Tamarack Creek. On February 6, 2010, as a result of heavy rain, a slip-out occurred at this location. The slip-out resulted in the loss of the roadway shoulder and part of the travel lane. This project is to excavate the damaged slopes, construct a gabion wall to protect the roadway embankment, and conduct traffic control as necessary. Initial G-11 Allocation 02/11/10: \$600,000.	0M1201 06-6469 SHOPP Emergency	2009-10 302-0042 SHA	\$600,000
15 \$2,000,000 Kern 06U-Ker-41 0.3/0.7	Near Cholame, from 0.3 miles north of the San Luis Obispo County line to 4.3 miles south of the Kings County line. On January 28, 2010, and due to a series of severe rain storms, roadway flooding, and slides covering the roadway with debris occurred at this location. This project is to re-grade an unstable hillside and remove 40,000 cubic yards of soil material, including placing erosion control, environmental mitigation and conducting traffic control as necessary., Initial G-11 Allocation 02/01/10: \$2,000,000. (Additional \$50,000 was allocated for right of way purposes.)	0M0901 06-6471 SHOPP Emergency	2009-10 302-0042 SHA	\$2,000,000

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2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1))				
16 \$7,500,000 Los Angeles 07U-LA-2 26.5/54.5	Near La Cañada-Flintrdige, within the Angeles National Forest. On January 25, 2010, following a series of severe rain storms, several slides, drainage, and roadway failures occurred at multiple locations. This roadway segment is located within the burn area of the 2009 Station Fire. This project is to clear, protect and repair the roadway and its drainage system at many different locations. Initial G-11 Allocation 02/01/10: \$7,500,000.	2X7201 07-4333 SHOPP Emergency	2009-10 302-0042 SHA	\$7,500,000
17 \$1,250,000 Los Angeles 07U-LA-14 55.2	Near Palmdale, north of the Pearblossom Highway. On February 1, 2010, as a result of heavy rain, the steep rock slope face directly adjacent to the southbound lanes was eroded and destabilized with the vertical bedrock protruding out at the top of the slope. Large rocks began falling onto the southbound travel way. This project is to grade back the hillside to solid bedrock, establish a mid-slope bench to catch future rock fall, replace a concrete V-ditch at the new top of slope, and then restore full access to the highway. Initial G-11 Allocation 02/11/10: \$1,250,000.	2X8001 07-4337 SHOPP Emergency	2009-10 302-0042 SHA	\$1,250,000
18 \$990,000 Riverside 08U-Riv-74 49.2/50.2	Near Hemet, from San Jacinto River Bridge to 0.2 miles west of San Jacinto River Bridge. On February 6, 2010, heavy rain caused flooding along this section of highway. The roadway at this location was washed out resulting in highway closure. This project is to clear debris from a clogged box culvert, rebuild the damaged roadway, repair guardrail, and conduct traffic control where necessary. Initial G-11 Allocation 02/09/10: \$990,000. (Additional \$10,000 was allocated for right of way purposes.)	0P5801 08-0060E SHOPP Emergency	2009-10 302-0042 SHA	\$990,000
19 \$300,000 San Bernardino 08U-SBd-95 46.4/49.8	Near Needles, from 4.1 miles north of Lobecks Pass to 3.7 miles south of Needles airport. On January 21, 2010, and due to a series of severe rain storms, flooding, roadway erosion and pavement failure occurred along this highway segment and resulted in highway closure. This project is to repair damaged embankment, shoulder and pavement, and conduct traffic control as necessary. Initial G-11 Allocation 01/28/10: \$300,000.	0P5201 08-0238N SHOPP Emergency	2009-10 302-0042 SHA	\$300,000
20 \$695,000 San Bernardino 08U-SBd-247 47.0/50.5	Near Lucerne Valley, from 0.9 miles north of Rabbit Springs Road to 0.6 miles south of Northside Road. On January 25, 2010, and due to a series of severe rain storms, flooding, severe erosion, and failure of multiple 26-foot long 42-inch x 12-inch wooden box culverts occurred along this route. This project is to replace the failed culverts at 11 locations with reinforced concrete pipe (RCP) culverts, repair the roadway structure and pavement, and conduct traffic control as necessary. Initial G-11 Allocation 02/02/10: \$695,000. (Additional \$5,000 was allocated for right of way purposes.)	0P5401 08-0253K SHOPP Emergency	2009-10 302-0042 SHA	\$695,000
21 \$400,000 Orange 12U-Ora-74 1.5/12.0	Near San Juan Capistrano, between Palm Hill Drive and Lucas Canyon Road. On January 18, 2010, heavy rain caused several mudslides depositing large volumes of slide debris material on the roadway and causing roadway closure. This project is to remove slide debris, re-grade affected slopes, repair drainage and place rock slope protection. Initial G-11 Allocation 02/01/10: \$400,000. (Additional \$10,000 was allocated for right of way purposes.)	0L4601 12-4110B SHOPP Emergency	2009-10 302-0890 FTF	\$400,000

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2.5f. Informational Report – SHOPP Safety-Resolution G-03-10 Delegated Allocations (2.5f.(3))				
1 \$586,000 Kern 06S-Ker-184 7.8	In Bakersfield, at eastbound Route 58 ramps and at Kimber Avenue. <u>Outcome/Output</u> : Construct traffic signals and a raised median at 1 location to improve traffic operations and safety. Allocation date: 03/01/10	475201 06-6219 SHOPP/09-10 \$724,000	2009-10 302-0890 FTF	\$586,000
2 \$1,640,000 San Bernardino 08S-SBd-2 0.9/2.4	In Wrightwood, from east of Rivera Drive to east of Sheep Creek Road. <u>Outcome/Output</u> : Construct left turn pockets and widen shoulders at 3 locations to reduce the frequency and severity of collisions. Allocation date: 02/01/10	0C0201 08-0127D SHOPP/09-10 \$2,053,000	2009-10 302-0042 SHA 302-0890 FTF	\$188,100 \$1,451,900

#	Dist	County	Route	Postmiles	Location/Description	EA	Original Est. FM-08-07	Allocation
2.5f. Informational Report – Minor Construction Program – Resolution G-05-05 Delegated Allocations (2.5f.(4))								
1	02	Sha	89	4.0/10.7	Widen shoulders and extend culverts.	4C8301	\$400,000	\$276,000
2	02	Sha	273	14.3/14.5	Construct turning lanes and modify traffic signals.	2E2201	\$400,000	\$450,000
3	02	Teh	5	9.5/10.5	Connect Corning Safety Roadside Rest Area sewer and water to the City of Corning lines.	0E8001	\$700,000	\$700,000
4	04	Ala	980,24	1.3/R1.8, 2.0/R4.3	Pave planting strip and place concrete median wall transition.	1A2411	\$475,000	\$475,000
5	04	CC	4	R17.0/R17.8	Install 10 drainage inlets, cold plane and overlay pavement.	0G1501	\$950,000	\$710,000
6	04	CC	4	31.1	Cold plane and overlay pavement and replace asphalt concrete dikes.	0G4901	\$300,000	\$360,000
7	04	Son	37	0.9/2.6	Replace 6 culverts and install 3 drainage inlets at various locations.	4A2301	\$751,000	\$296,000
8	05	Mon	1	21.1	Repair embankment and restore drainage system.	0P3101	\$980,000	\$571,000
9	07	LA	22	1.1/1.4	Replace planting and redesign landscape.	4T1501	\$250,000	\$429,000
10	07	LA	101	6.1	Replace bridge rail.	4T2101	\$710,000	\$619,000
11	08	Riv	60	4.2/4.9	Install changeable message system and maintenance pad.	0M1401	\$440,000	\$321,000
12	09	Mno	L5717		Construct mechanic's facility with an office and parts storage.	315201	\$1,000,000	\$872,000
13	10	Tuo	108	31.2	Repair bridge rail.	0N3701	\$970,000	\$547,000
14	11	Imp	8	R31.3	Upgrade sewage treatment system at Sunbeam Roadside Rest Area.	261511	\$1,000,000	\$939,000
15	11	SD	56	6.8/8.7	Recycle conversion for landscaping.	402301	\$1,000,000	\$827,000
16	12	Ora	405	8.7/12.6	Install fiber optic cables and closed circuit television.	0K0601	\$650,000	\$740,000