

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: February 25-26, 2004

Reference No.: 2.5f.(1)  
Information Item

From: ROBERT L. GARCIA  
Chief Financial Officer

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Chief  
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Ref: **INFORMATIONAL REPORT - EMERGENCY G-11 ALLOCATIONS**

## **SUMMARY:**

Pursuant to the authority granted by Resolution G-11, State Highway Account and Federal Trust funds totaling \$6,725,000 have been allocated for nine (9) emergency construction projects described below and on the attached list.

Project #1. In Humboldt County near Redcrest from 1.3 miles north of Redcrest Undercrossing to 1.7 miles south of Bear Creek Bridge. As a result of 2002/2003 winter and late spring's heavy rainstorms, an unstable 8,000 cubic yard landslide mass was identified. The initial project removed the unstable slide material, constructed a rock buttress, and provided erosion control planting. This supplemental provides additional erosion control to prevent sedimentation from reaching the highway or the environmentally sensitive areas of the adjacent Eel River.

Project #2. In Humboldt County near Big Lagoon at 0.2 miles north of Kane Road. During the weekend of December 12-14, 2003, a major rainstorm hit this area producing 4-7 inches of rain. A large sinkhole opened up in the northbound lane above a 24-inch failed culvert. Traffic was detoured to the shoulder. This project replaces the damaged culvert and repairs the highway.

Project #3. In Mendocino County approximately 4.3 miles south of Piercy, from 0.1 mile south to 0.8 mile north of Confusion Hill Viaduct # 10-288. Initial project was to repair damage caused by two major landslides as a result of the heavy rain in December 2002 storms. The first supplemental request was for repairing damage caused by another slide in the area involving the removal of 5,000 cubic yards of new material. The last two supplemental requests are for closing out the contract.

Project #4. In Sacramento County south of Isleton at the 3-mile Slough Bridge. In November 2003, inspection of the wire ropes connecting the lift span to the two bridge counterweights revealed elevated levels of fatigue cracking and abrasion exceeding the serviceability limits. Due to the unpredictability of rope structural capacity, emergency limited bids are used to accelerate repairs. This project replaces old wire ropes with new ones and provides necessary traffic control.

Project #5. In Monterey County near Big Sur at 0.43 miles south of Big Creek Bridge. In November 2003, a collapsed 48-inch culvert was discovered at this location. Initial allocation was to replace the culvert using the open-cut and cover method, but during trenching, the side slopes could not be stabilized long enough to shore the trench. The installation method was changed to pipe bore and jack instead. The supplemental is due to the cost difference in installation methods.

Project #6. In Monterey County near Lucia at 0.3 mile north of Limekiln Creek Bridge (Bridge # 44-58). As a result of the heavy rainstorm of December 29, 2003, a landslide forced the closure of Route 1 in this location. The slide measured 750 feet in height and 450 feet in width and displaced approximately 80,000 cubic yards of soil. This project hauls the slide material to temporary disposal locations and restores roadway to safe conditions.

Project #7. In San Luis Obispo County near Paso Robles on Routes 1, 41, 46 and 101. As a result of the December 22, 2003 San Simeon earthquake, highway pavement, shoulder and side slope failures occurred along multiple portions of these highways near the quake epicenter. This project includes the grinding and paving of the roadway, reconstruction and backing of the shoulders, and drainage facilities repairs.

Project #8. In Fresno County east of Fresno at Shaver Lake. Recent heavy rain and snow caused the highway embankment adjacent to the lake to fail and the roadway to move laterally toward the lake with longitudinal cracking developing in the pavement. This project replaces the failed embankment, provides rock slope protection, repairs the damaged pavement, replants the new embankment surface and provides traffic control.

Project #9. In San Bernardino County from San Bernardino to Lake Arrowhead and vicinity at various locations. On December 25, 2003, several inches of rain fell over this area already stripped by the October 2003 fires and caused massive rock and mudslides closing the highway. This project removes rock, mud and debris from pavement, ditches, basins and other drainage elements; and repairs broken drainage structures.

**BACKGROUND:**

The California Transportation Commission (Commission) by Resolution G-11, as amended by Resolution G-00-11, delegated to the Department of Transportation (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 immediately allows the Department to begin corrective action in an emergency condition without waiting for the next Commission meeting to receive an allocation.

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.

The G-11 Resolution also requires the Department to notify the California Transportation Commission, at their next meeting, whenever such an emergency allocation has been made.

Attachment

2.5 Highway Financial Matters

Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA Program	Budget Year Item # Program Codes	State Federal Total Amount
<b>2.5f.(1) Informational Report – Emergency G-11 Allocations</b>				
1 \$80,000 Humboldt 01U-Hum-101 R40.7/R41.6	Near Redcrest from 1.3 miles north of Redcrest Undercrossing to 1.7 miles south of Bear Creek Bridge. As a result of 2002/2003 winter and late spring heavy rainstorms, an unstable 8000 cubic yard landslide mass was identified. The initial project removed the unstable slide material, constructed a rock buttress and provided erosion control planting. This supplemental provides additional erosion control to prevent sedimentation from reaching the highway or the environmentally sensitive areas of the adjacent Eel River.  Initial G-11 Allocation: 08/15/03: \$1,060,000 Award: 10/06/03: \$905,500 Supplemental G-11 Allocation: 12/17/03: \$80,000 Revised Allocation: \$985,500	448401  SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$9,200 \$70,800 \$80,000
2 \$135,000 Humboldt 01U-Hum-101 112.7	Near Big Lagoon at 0.2 miles north of Kane Road. During the weekend of December 12-14, 2003, a major rainstorm hit this area producing 4-7 inches of rain. A large sinkhole opened up in the northbound lane above a 24-inch failed culvert. Traffic was detoured to the shoulder. This project replaces the damaged culvert and repairs the highway.  Initial G-11 Allocation: 12/22/03: \$135,000	452301  SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$135,000 - \$135,000
3 \$60,000 Mendocino 01U-Men-101 99.5/100.5	Approximately 4.3 miles south of Piercy from 0.1 mile south to 0.8 mile north of Confusion Hill Viaduct # 10-288. Initial project was to repair damage caused by two major landslides as a result of the heavy rain in December 2002 storms. The first supplemental request was for repairing damage caused by another slide in the area involving the removal of 5,000 cubic yards of new material. This supplemental request is for closing out the contract.  Initial G-11 Allocation: 01/14/03: \$1,900,000 Supplemental G-11 Allocation: 03/20/03: \$240,000 Supplemental G-11 Allocation: 04/16/03: \$120,000 Supplemental G-11 Allocation: 12/08/03: \$60,000 Revised Allocation: \$2,320,000	444001  SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	- \$60,000 \$60,000
4 \$2,000,000 Sacramento 03U-Sac-160 L6.98	South of Isleton at the 3-mile Slough Bridge. In November 2003, inspection of the wire ropes connecting the lift span to the two bridge counterweights revealed elevated levels of fatigue cracking and abrasion exceeding the serviceability limits. Due to the unpredictability of rope structural capacity, emergency limited bids are used to accelerate repairs. This project replaces old wire ropes with new ones and provides necessary traffic control.  Initial G-11 Allocation: 12/09/03: \$2,000,000	0E1001  SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.110 201/110	\$400,000 \$1,600,000 \$2,000,000

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Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA Program	Budget Year Item # Program Codes	State Federal Total Amount
2.5f.(1) Informational Report – Emergency G-11 Allocations				
5 \$350,000 Monterey 05U-Mon-1 27.4	Near Big Sur at 0.43 miles south of Big Creek Bridge. In November 2003, a collapsed 48-inch culvert was discovered at this location. Initial allocation was to replace the culvert using the open-cut and cover method. But during trenching, the side slopes could not be stabilized long enough to shore the trench. The installation method was changed to pipe bore and jack instead. The supplemental is due to the cost difference in installation methods.  Initial G-11 Allocation: 12/10/03: \$200,000 Supplemental G-11 Allocation: 01/12/04: \$150,000 Revised Allocation: \$350,000	0L1901  SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$350,000 - \$350,000
6 \$2,000,000 Monterey 05U-Mon-1 21.3	Near Lucia at 0.3 mile north of Limekiln Creek Bridge (Bridge # 44-58). As a result of the heavy rainstorm of December 29, 2003, a landslide forced the closure of this highway at this location. The slide measured 750 feet in height and 450 feet in width and displaced approximately 80,000 cubic yards of soil. This project hauls the slide material to temporary disposal locations and restores the roadway to safe conditions.  Initial G-11 Allocation: 01/22/04: \$2,000,000	0L3201  SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$2,000,000 - \$2,000,000
7 \$1,200,000 San Luis Obispo 05U- SLO-Variou Various	Near Paso Robles on Routes 1, 41, 46 and 101. As a result of the December 22, 2003 San Simeon earthquake highway pavement, shoulder and side slope failures occurred along multiple portions of these highways near the quake epicenter. This project includes grinding and paving the roadway, reconstructing and backing of the shoulders, and repairing drainage facilities.  Initial Allocation: 12/24/03: \$1,200,000	0L3001  SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$1,200,000 - \$1,200,000
8 \$400,000 Fresno 06U-Fre--168 49.0/49.2	East of Fresno at Shaver Lake. Recent heavy rain and snow caused the highway embankment adjacent to the lake to fail and the roadway to move laterally toward the lake with longitudinal cracking developing in the pavement. This project replaces the failed embankment, provides rock slope protection, repairs the damaged pavement, replants the new embankment surface and provides traffic control.  Initial G-11 Allocation: 01/15/04: \$400,000	0A5501  SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$400,000 - \$400,000
9 \$500,000 San Bernardino 08U-SBd-18 7.0/31.5	From San Bernardino to Lake Arrowhead and vicinity at various locations. On December 25, 2003 several inches of rain fell over this area already denuded by the October 2003 fires and caused massive rock and mudslides closing the highway. This project removes rock, mud and debris from the pavement, ditches, basins and other drainage elements, and repairs broken drainage structures.  Initial G-11 Allocation: 01/06/04: \$500,000	0E9301  SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$500,000 - \$500,000