

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: July 25-26, 2007

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

From: CINDY McKIM
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Subject: **INFORMATIONAL REPORT - EMERGENCY G-11 ALLOCATIONS**

SUMMARY:

Since the period reported at the last California Transportation Commission (Commission) meeting, the Department of Transportation (Department) allocated \$36,075,000 for six emergency construction projects described on the attached list, pursuant to the authority granted by Resolution G-11.

As of June 21, 2007, a total of \$136,141,000 for 80 emergency construction projects had been allocated in Fiscal Year (FY) 2006-07.

Projects listed below are ineligible for federal Emergency Relief (ER) funding, unless otherwise stated.

Project #1. In Humboldt County, on Route 255 near Eureka, from the Eureka Channel Bridge (Bridge 04-230) to the end of the Samoa Channel Bridge (Bridge 04-228). On May 8, 2007, a lighting pole was found missing from one of the three Samoa bridge crossings over Humboldt Bay. Upon closer observation, the lighting pole appears to have been severely deteriorated by rust/corrosion immediately above the base plate and fell down over the side of the bridge into the bay. It is believed the storm of May 3, 2007, was likely the damaging event. Other lighting poles on these bridges were inspected and found to have similar rust/corrosion. This project is to remove all 40 deteriorating light standards from the three bridges (BR #s 04-228, 229 and 230). The light standards will be replaced and rewired. Extensive traffic control will be required to complete the proposed work.

Project #2. In Mendocino County, on Route 101 near Cloverdale, from 0.5 to 0.9 miles south of Pieta Creek Bridge (#10-83). Heavy winter rain between February 26 and February 28, 2007, caused an existing large-scale rotational landslide above the highway to become active and create a pushup effect in both northbound and southbound lanes. The uplift was on the order of several feet and created a crest vertical curve with uneven driving surface, low shoulders and reduced sight distance. A temporary reduced speed limit zone for both the northbound and southbound traffic was put in place. Initial allocation was for removing and disposing of the damaged roadway and underlying uplifted landslide material, placing a rock revetment to buttress the slide, and re-establishing proper highway drainage and repaving. A supplemental allocation is needed due to

discovering that failed roadway section and excavation quantities were much larger than originally anticipated and the discovery of a failed drainage culvert.

Project #3. In Alameda County, at the MacArthur Maze in Oakland, at the junction of the connectors from westbound Interstate 80 (I-80) to Route 880, and eastbound I-80 to Route 580. On the morning of Sunday, April 29, 2007, a gasoline tanker truck overturned on the 80/880 connector causing over 8000 gallons of gasoline to burn resulting in the collapse of a 250-foot section of the 80/580 connector above. The initial allocation was for installing traffic detour signs and maintaining a traffic detour in the area. A supplemental allocation is needed for repairing the damaged portion of the 80/880 connector by bridge jacking, grinding concrete deck, paving, and girder straightening. The Governor issued a declaration of a State Emergency on April 29, 2007, to expedite the repair of these two damaged freeway connectors. This project is eligible for federal ER funding.

Project #4. In Alameda County, at the MacArthur Maze in Oakland, at the junction of the connectors from westbound I-80 to Route 880, and eastbound I-80 to Route 580. On the morning of Sunday, April 29, 2007, a gasoline tanker truck overturned on the 80/880 connector causing over 8000 gallons of gasoline to burn resulting in the collapse of a 250-foot section of the 80/580 connector above. This allocation is to demolish and dispose of the collapsed portion of the 80/580 connector, to inspect the structural soundness of the 80/880 connector and other affected structures, and to provide shoring as necessary. The Governor issued a declaration of a State Emergency on April 29, 2007, to expedite the repair of these two damaged freeway connectors. This project is eligible for federal ER funding.

Project #5. In Alameda County, at the MacArthur Maze in Oakland, at the connector from eastbound I-80 to Route 580. On the morning of Sunday, April 29, 2007, a gasoline tanker truck overturned on the 80/880 connector causing over 8000 gallons of gasoline to burn resulting in the collapse of a 250-foot section of the 80/580 connector above. This allocation is to reconstruct the collapsed freeway connector. The Governor issued a declaration of a State Emergency on April 29, 2007, to expedite the repair of these two damaged freeway connectors. This project is eligible for federal ER funding.

Project #6. In Los Angeles County, in the city of Los Angeles, at the transition road from westbound Route 105 to southbound Route 405. On February 25, 2007, a sinkhole was discovered on the right shoulder behind a guardrail post adjacent to the transition road as it approached the 120th Street overcrossing structure. Investigations revealed a large void beneath the shoulder, extending from the bridge abutment and the concrete approach slab. The right shoulder was closed to traffic. The cause of the sinkhole was determined to be storm run-off infiltrating the fill slope roadbed support through the joint seals at the bridge abutment. This project will remove the approach slabs and adjacent concrete travelway slabs, find and repair the edge-drains as needed, pump in grout to seal the bottom of the void, backfill and properly compact the restored base, and then rebuild the travelway approach and pavement slabs. Additional drainage features will be placed to prevent any possible recurrence of the problem.

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 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 authorizes the Department to allocate funds for follow-up restoration projects associated with and that immediately follow an emergency condition response project.

The G-11 Resolution also requires the Department to notify the 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 PPNO Program	Budget Year Item # Program Codes	State Federal Total Amount
2.5f.(1) Informational Report – Emergency G-11 Allocations				
1 \$500,000 Humboldt 01U-Hum-255 0.2/1.9	Near Eureka from the Eureka Channel Bridge to the end of the Samoa Channel Bridge. On May 8, 2007, a lighting pole was found missing from one of the three Samoa bridge crossings over Humboldt Bay. The pole, weakened by rust and corrosion at the base plate, fell into the Humboldt Bay presumably during strong wind on May 3, 2007. This project is to replace all 40 deteriorating light standards from three bridges (BR #s 04-228, 229 and 230).	482201 2246 SHOPP Emergency	2005-06 302-0042 20.20.201.130	\$500,000 \$500,000
	Initial G-11 Allocation 05/22/07: \$500,000			
2 \$1,000,000 Mendocino 01U-Men-101 5.0/5.4	Near Cloverdale from 0.5 to 0.9 miles south of Pieta Creek Bridge (#10-83). Heavy rain between February 26 and February 28, 2007 caused an existing landslide to lift the highway up and create a crest vertical curve with uneven driving surface. Initial allocation was to remove and dispose of damaged roadway, repair drainage and repave. This supplemental is due to initial underestimation of the size of the failed roadway section and the damage to the drainage system.	481501 4479 SHOPP Emergency	2005-06 302-0042 20.20.201.130	\$1,000,000 \$1,000,000
	Initial G-11 Allocation 04/17/07: \$400,000 Supplemental G-11 Allocation 06/11/07: \$1,000,000 Revised Allocation: \$1,400,000			
3 \$9,850,000 Alameda 04U-Ala-580, 880 46.5/46.9, 35.2/35.4	In Oakland at the junction of the connectors of westbound Interstate 80 to Route 880 and eastbound Interstate 80 to Route 580. On April 29, 2007, a gasoline tanker truck overturned on the 80/880 Connector and burst into flames. A 250-foot section of the 80/580 Connector above the scene of the crash collapsed. The initial allocation is to install and maintain a traffic detour. This supplemental allocation is to shore up and repair the damaged 80/880 Connector.	4A3901 0152C SHOPP Emergency	2006-07 302-0890 20.20.201.130	\$9,850,000 \$9,850,000
	Initial G-11 Allocation 04/30/07: \$2,000,000 Supplemental G-11 Allocation 05/03/07: \$7,850,000 Revised Allocation: \$9,850,000 (Additional \$150,000 was allocated for right of way purposes)			
4 \$4,000,000 Alameda 04U-Ala-580, 880 46.5/46.9, 35.2/35.4	In Oakland at the junction of the connectors of westbound I-80 to Route 880 and eastbound Interstate 80 to Route 580. On April 29, 2007, a gasoline tanker truck overturned on the 80/880 Connector and burst into flames. A 250-foot section of the 80/580 Connector above the scene of the crash collapsed. This project is to demolish and remove the 80/580 collapsed section and to inspect the 80/880 Connector for structural soundness.	4A4001 0152D SHOPP Emergency	2006-07 302-0890 20.20.201.130	\$4,000,000 \$4,000,000
	Initial G-11 Allocation 04/30/07: \$4,000,000 (Additional \$300,000 was allocated for right of way purposes)			
5 \$19,750,000 Alameda 04U-Ala-580 46.5/46.9	In Oakland at the connector from eastbound Interstate 80 to Route 580. On April 29, 2007, a gasoline tanker truck overturned on the 80/880 Connector and burst into flames. A 250-foot section of the 80/580 Connector above the scene of the crash collapsed. This project is to reconstruct the 80/580 collapsed section.	4A4101 0152E SHOPP Emergency	2006-07 302-0890 20.20.201.130	\$19,750,000 \$19,750,000
	Initial G-11 Allocation 05/03/07: \$19,750,000 (Additional \$250,000 was allocated for right of way purposes)			

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Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA PPNO Program	Budget Year Item # Program Codes	State Federal Total Amount
2.5f.(1) Informational Report – Emergency G-11 Allocations				
6 \$975,000 Los Angeles 07U-LA-105 2.42	In Los Angeles at the transition road from westbound Route 105 to southbound Route 405. On February 25, 2007, a sinkhole was discovered on the right shoulder behind a guardrail near 120 th Street Overcrossing. Investigations revealed that the entire approach slab was undermined by erosion. This project will remove the affected slabs, backfill, upgrade drainage, and rebuild the pavement slabs.	1X7301 4050 SHOPP Emergency	2005-06 302-0042 20.20.201.130	\$975,000 \$975,000
Initial G-11 Allocation 04/25/07: \$975,000				