

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: March 14-15, 2007

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

From: CINDY McKIM  
Chief Financial Officer

Prepared by: Norma Ortega  
Division Chief  
Budgets

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 \$4,690,000 for seven emergency construction projects described on the attached list, pursuant to the authority granted by Resolution G-11. None of the projects listed below are eligible for federal Emergency Relief (ER) funding.

As of February 15, 2007, a total of \$88,476,000 for 52 emergency construction projects has been allocated in Fiscal Year (FY) 2006-07.

Project #1. In El Dorado County, on Route 193 near Cool at Graybar Mine Road. In mid-December 2006, groundwater started seeping up through the westbound travel way and freezing. Deicing salt was applied and warning signs were posted. Traffic in combination with the presence of groundwater produced pumping of the base material causing the highway to fail. This project is to install an under-drain system to carry the groundwater away and repair the damaged roadway at this location.

Project #2. In Alameda County, on Route 880 in Oakland at the East Bay Viaduct (Bridge# 33-0611R). On October 25, 2006, the modular joint seal assembly located in the northbound direction at Bent 36R failed, causing a transverse crack to develop across three bridge lanes. Concrete spalls developed along the joint edges and had to be patched with asphalt concrete. This project will replace the modular joint seal assembly along the entire width of the bridge to restore the structural integrity of the joint to withstand frequent truckloads and vibration. The project is to include traffic control, removal of portions of the bridge deck and existing modular joint seal assembly, placing new modular joint seal assembly and fast setting concrete.

Project #3. In the city and county of San Francisco, on Route 280 on the Southern Freeway Viaduct (Bridge# 34-0046). On November 14, 2006, it was reported that pieces of concrete had broken off and fallen on the lot below. This project is to investigate the extent of damage to three hinges (A80, A83, and ES83) and temporarily repair the viaduct. All three hinges exhibit severe cracking, spalling with exposed/corroded rebar, and incipient spalling of the exterior bearing seats. The investigation activities include the construction of suspended work platforms, removal of loose material, coring samples, removing and replacing seals, providing traffic control, and providing temporary supports. The data gathered will be used to develop a permanent repair strategy.

Project #4. In Solano County, on Route 80 near Vallejo at the Hunter Hill Rest Area. An unstable landmass in this area has been creeping for the last four years according to slope inclinometers installed in the area. During the 2006 winter and spring rains, the movement spiked, more than doubling the previous rate. The movement leveled off later in 2006, but remained at a higher rate than the time prior to 2006. The movement is caused by groundwater within the slide mass and affects all freeway westbound and eastbound lanes. After the rains in December 2006, cracks across both the eastbound and westbound lanes expanded and separated is causing further pavement upheaval resulting in a bump across all four freeway lanes and a pavement gap up to six inches wide. This project is to include earthwork, installation of horizontal drains, providing erosion control, and pavement repairs. This is a temporary fix to stabilize the current movement until a permanent restoration repair can be implemented later.

Project #5. In Santa Clara County, on Route 880 in San Jose south of Coleman Avenue. In April 2005, groundwater seeping out caused pavement damage and the potential for a sinkhole to develop. The project was to repair pavement by providing a drainage blanket and perforated pipe to drain water out. Supplemental funds are needed to close out the contract.

Project #6. In Santa Barbara County, on Route 101 in Montecito at the Cabrillo Boulevard Overpass. On December 19, 2006, the bridge rail of the Cabrillo Boulevard Overpass was damaged by a traffic accident. The accident resulted in no injuries but significant damage occurred to the historic bridge rail from the ensuing fire. This project is to demolish and reconstruct 250 feet of rail and conduct all the necessary traffic control.

Project #7. In Riverside County, on Route 243 near Banning from Vista Grande Road to Wesley Street. The Esperanza Fire started on October 26, 2006, burned over 40,000 acres, and destroyed 34 homes and 20 outbuildings. The fire was fully contained on October 30, 2006. The fire burned vegetation and drainage facilities. This project is to remove debris and ash, clean clogged culverts, and place erosion control measures. Guardrails and signs were repaired by a different contract (EA: 0J7401).

### **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 Program	Budget Year Item # Program Codes	State Federal Total Amount
<b>2.5f.(1) Informational Report – Emergency G-11 Allocations</b>				
1 \$200,000 El Dorado 03U-ED-193 10.7	Near Cool, at Graybar Mine Road. In mid-December 2006, groundwater started seeping up through the westbound travel way and freezing in the travel way. This project is to install an under-drain system to carry the groundwater away and repair the damaged roadway at this location.  Initial G-11 Allocation 01/24/07: \$200,000	3E6001 SHOPP Emergency	2006-07 302-0042 20.20.201.130	\$200,000  \$200,000
2 \$800,000 Alameda 04U-Ala-880 34.0	In Oakland, at the East Bay Viaduct (Bridge# 33-0611R). On October 25, 2006, the modular joint seal in the northbound direction (at Bent 36R) failed causing concrete pavement to spall at the joint and aluminum strips with sharp corners to become exposed. This project is to repair the seal assembly across the full width of the structure.  Initial G-11 Allocation 12/26/06: \$800,000	3S8601 SHOPP Emergency	2006-07 302-0042 20.20.201.130	\$800,000  \$800,000
3 \$1,550,000 San Francisco 04U-SF-280 R5.2/R5.8	In San Francisco, on the Southern Freeway Viaduct, from 0.4 miles south to 0.2 miles north of Army Street. Pieces of concrete have broken off the structure and fallen on the lot below. This project is to investigate the extent of damage at three hinges, determine permanent repair strategy, and construct shoring where needed. The activities include platform construction, removal of loose debris, coring of concrete samples, replacing seals, and traffic control.  Initial G-11 Allocation 12/28/06: \$1,550,000	3A9401 SHOPP Emergency	2006-07 302-0042 20.20.201.130	\$1,550,000  \$1,550,000
4 \$1,000,000 Solano 04U-Sol-80 6.3	Near Vallejo, west of the Hunter Hill Rest Area. Landslide movement in December 2006, caused pavement upheaval across all freeway lanes and a pavement gap up to six inches wide. This project is to conduct earthwork, install horizontal drains, provide erosion control, and repair pavement.  Initial Allocation 01/24/07: \$1,000,000	3S8701 SHOPP Emergency	2006-07 302-0042 20.20.201.130	\$1,000,000  \$1,000,000
5 \$40,000 Santa Clara 04U-SCI-880 2.25	In San Jose, south of Coleman Avenue. In April 2005, groundwater seeping out caused pavement damage and the potential for a sinkhole to develop. The project was to repair pavement by providing a drainage blanket and perforated pipe to drain water out. This supplemental is needed to close out the contract.  Initial G-11 Allocation 05/04/05: \$200,000 Supplemental G-11 Allocation 01/24/07: \$40,000 Revised Allocation: \$240,000	2S6601 SHOPP Emergency	2004-05 302-0042 20.20.201.130	\$40,000  \$40,000
6 \$600,000 Santa Barbara 05U-SB-101 11.4	In Montecito, at the Cabrillo Boulevard overpass. On December 19, 2006, the bridge rail of the Cabrillo Boulevard overpass was damaged by a traffic accident. This project is to demolish and reconstruct 250 feet of rail and conduct all the necessary traffic control.  Initial G-11 Allocation 12/27/06: \$600,000	0Q0901 SHOPP Emergency	2006-07 302-0042 20.20.201.130	\$600,000  \$600,000
7 \$500,000 Riverside 08U-Riv-243 18.0/28.3	Near Banning, from Vista Grande Road to Wesley Street. The Esperanza Fire started on October 26, 2006, burned over 40,000 acres and was fully contained on October 30, 2006. This project is to remove vegetation debris, clean culverts, and place erosion control measures.  Initial Allocation 01/19/07: \$500,000	0J7601 SHOPP Emergency	2006-07 302-0042 20.20.201.130	\$500,000  \$500,000