

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: December 14-15, 2005

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

From: CINDY McKIM
Chief Financial Officer

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Division Chief
Budgets

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 \$7,451,580 have been allocated for fourteen (16) emergency construction projects described below and on the attached list.

Project #1. In Marin County, near Tiburon east of Strawberry Boulevard. On September 6, 2005, a sinkhole approximately 5.5 feet by 5.5 feet suddenly appeared on the side of the roadway behind a guardrail at this location. A 36-inch corrugated steel pipe (CSP) culvert at this location has separated, allowing water to flow through and erode the supporting material. This project replaces a damaged culvert and rebuilds the failed asphalt concrete pavement.

Project #2. In Santa Clara County, near Cupertino north of Foothill Boulevard. On September 13, 2005, a sinkhole in the median shoulder was discovered. The collapse of a 24-inch reinforced concrete pipe (RCP) storm drain that runs directly under the shoulder has created a 4-foot by 4-foot void at this location. This project will replace drainage pipe, and backfill and repair damaged pavement.

Project #3. In Sonoma County, north of Jenner at and near Annapolis Road. On June 1, 2005, a sinkhole, approximately 6 feet by 10 feet, suddenly appeared on the northbound lane of this highway at postmile 52.5. The culvert at this location has separated, allowing water to flow through and erode the supporting material. The initial project was to replace the failed culvert and the rebuild the failed asphalt concrete pavement. This supplemental is needed due to: 1) the need to modify the headwall design which required additional labor; 2) discovery of excessive water infiltration and the need for larger excavation than originally anticipated; 3) pavement damage was larger than originally anticipated; 4) storage of material on private property; 5)

placing a cable fence along the headwall; and 6) larger subsistence rate to labor for working in remote locations.

Project #4. In Kern County, near Lebec from the Los Angeles County line to 10.9 miles south of Route 99. Due to above average precipitation during the 2004/2005 winter season, accelerated pavement failure conditions occurred at this location. The initial project was to remove and replace 35 damaged slabs. This supplemental is needed due to an accident on June 29, 2005, involving a fuel tanker truck that overturned and spilled its load near the project location. This shut down the job and required lane closures be kept in place longer than anticipated. The 4th of July holiday exacerbated the delays and resulted in this increase.

Project #5. In Kern County, near Tejon Pass (Lebec) from 0.5 miles north of the Los Angeles County line to 13.9 miles south of the Route 5/99 Separation. On September 3, 2005, a large fire swept through the I-5 Grapevine corridor resulting in irreparable damage to the Department of Transportation (Department) owned and operated sewage pond liner of this heavily used Lebec Safety Roadside Rest Area (SRRA). This project involves the removal of waste material, replacement of the damaged liner, construction of asphalt and gravel firebreak measures to guard against future fires, and constructing a temporary treatment facility. The project is needed to avert the possible loss of the essential services provided to the public at this SRRA.

Project #6. In Kern County, near Fort Tejon at 4.6 miles north of the Los Angeles County line. On September 8, 2005, a slide occurred at the cut slope bench resulting in a large boulder becoming displaced, along with numerous other boulders that have strong potential to become rockfall and impact the highway. There is an imminent threat that a major rain event can loosen the boulders and part of the hillside and send it down onto southbound I-5 over the Grapevine. This project includes slope removal, grading, blasting, and traffic control.

Project #7. In Los Angeles County, near Gorman from Gorman Road to Frazier Mountain Park Road. On the morning of September 3, 2005, a fire started at this location and eventually spread to both sides of the freeway along a 3-mile long corridor. The fire was extinguished late the same evening. The fire suppression efforts destroyed: 13,000 linear feet of barbed wire fencing; 200 fence posts; 4 special guardrail end treatment systems; 40 large traffic signs; and 1,500 linear feet of asphalt dike. This project will restore all the fire damaged or destroyed highway safety and traffic advisory features.

Project #8. In Los Angeles County, near Los Angeles from the Ventura County line to Topanga Canyon Boulevard. On September 28, 2005, the Topanga Fire started on the north side of the freeway. The freeway was closed as high winds caused the fire to jump the freeway and continue southwest into the Chatsworth Hills area. The freeway was reopened later that same evening. This project will replace 225 guardrail posts and blocks, 7,000 feet of chain link fencing, 120 fence posts, burned traffic signs, and a series of fire-destroyed overside drainage flumes. Fire debris will be cleared from all remaining drainage systems, check-dams will be placed to intercept storm debris flows from the burned hillsides, and right-of-way access roads damaged by

the fire fighting efforts will be repaired by re-grading. Finally, erosion control, including wattles and hydro-seeding, will be placed on the fire scoured side slopes.

Project #9. In Ventura County, between the cities of Ojai and Santa Paula. Heavy rain in late December 2004 and early January 2005 caused multiple slides, debris flows, washouts and roadway loss. A section of the roadway at postmile 28.83 was destabilized and caused the roadway to be closed. The initial project was to install a soldier-pile wall at this location and rebuild the roadway and drainage system in order to allow the safe passage of vehicles and make it possible to safely access other damaged areas. This supplemental is needed to cover environmental mitigation, one-way traffic control, and closing out the contract. This project is eligible for 88.5% of federal Emergency Relief (ER) funding.

Project #10. In Riverside County, near Pine, one mile west of Carrizo Road to 0.8 mile east of Big Horn Drive. Heavy rain on October 17 and 18, 2005, brought down an extreme amount of sediment that plugged up the drainage system. As a result, water flowed over the road, washed out and undermined the embankment and pavement, and forced the closure of the highway. This project will remove debris, clean the drainage system, and reconstruct the washed out embankment and pavement.

Project #11. In San Bernardino County between Snow Valley and Big Bear. Heavy rain on October 17 and 18, 2005 washed out the roadway embankment and caused pavement, asphalt dikes, down drains and guardrails to collapse at several locations. This project will reconstruct the washed out embankment, pavement and dikes, and repair damaged guardrail and down drains.

Project #12. Near Lake Arrowhead, from Lake Gregory Drive to Skyforest. Heavy rain during the winter of 2004/2005 caused numerous rock/mud slides and forced the closure of the highway. Initial and supplemental allocations were to remove debris; repair the damaged embankment, shoulders, pavement and drainage features; and stabilize slopes. This supplemental is needed to close out the contract.

Project #13. In San Bernardino County, in Yucca Valley from Route 62 to south of Spencer Drive. Heavy rain on October 17 and 18, 2005, flooded the roadway, washed out the embankment and pavement, and damaged the drainage system. This project will remove debris, repair the drainage system, and reconstruct the washed out embankment and pavement.

Project #14. In Kern County, near Mojave from Route 58 to west of Ransburg Road. The winter storm disasters of 2004/2005 dropped record seasonal rainfall in Southern California. As a result, many sections of the pavement failed, including potholing, delamination and rutting. The initial project was to cold plane and replace asphalt concrete pavement in the #2 lane followed by a thin lift of asphalt concrete overlay of the travel way including striping. This supplemental allocation is needed to close out the contract.

Project #15. In San Diego County, in San Diego at approximately 0.3 mile west to 0.3 mile east of Convoy Street. This section of highway was built on landfill and the pavement has been

settling and creating extreme dips in the freeway. Several complaints have been received regarding the current conditions. This project will fill over the settled pavement with an asphalt overlay to eliminate the dips and smooth the roadway profile. Adjustments to roadway facilities will be made to match the changes to the roadway profile.

Project #16. In San Diego County, near the city of Julian from 0.8 miles east of Wynola Road to 4.6 miles west of Vallecitos Road. Initial and first supplemental allocations were to repair failing side slope with a geo-textile reinforced embankment and construct roadway. This supplemental is needed to close out the contract.

BACKGROUND:

The California Transportation Commission (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
2.5f.(1) Informational Report – Emergency G-11 Allocations				
1 \$250,000 Marin 04U-Mrn-131 0.72	Near Tiburon, east of Strawberry Boulevard. On September 29, 2005, a 5-foot wide sinkhole appeared on the side of the roadway. This project will replace a 36-inch damaged culvert. Initial G-11 Allocation 10/12/05: \$250,000	3A2401 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$250,000 - \$250,000
2 \$150,000 Santa Clara 04U-SCI-280 12.25	Near Cupertino, north of Foothill Boulevard. On September 13, 2005, a 4-foot x 4-foot sinkhole in the median was discovered. This project will replace drainage backfill and repair pavement. Initial G-11 Allocation 10/27/05: \$150,000	2S7401 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$150,000 - \$150,000
3 \$35,000 Sonoma 04U-Son-1 51.85/58.15	North of Jenner, at and near Annapolis Road. On June 1, 2005, a sinkhole suddenly appeared on the northbound lane. The initial project was to replace a failed culvert and repair roadway. This supplemental allocation is due to discovery of additional damage and redesign of culvert headwall. Initial G-11 Allocation 6/15/05: \$200,000 Supplemental G-11 Allocation 10/20/05: \$35,000 Revised Allocation: \$235,000	2A6501 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$35,000 - \$35,000
4 \$60,000 Kern 06S-Ker-5 0.0/4.6	Near Lebec, from the Los Angeles County line to 10.9 miles south of Route 99. Initial project was to remove and replace 35 pavement slabs damaged by heavy rain in 2004/2005. This supplemental is due to delays caused by a fuel tanker accident near the project on June 29, 2005. Initial G-11 Allocation 5/11/05: \$199,000 Supplemental G-11 Allocation 10/13/05: \$60,000 Revised Allocation: \$259,000	0E4201 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.120	\$60,000 - \$60,000
5 \$1,600,000 Kern 06U-Ker-5 0.5/1.6	Near Lebec, from 0.5 miles north of the Los Angeles County line to 13.9 miles south of the Route 5/99 Separation. On September 3, 2005, a wild fire damaged the sewage pond liner of the Tejon Pass Safety Roadside Rest Area. This project will repair the liner in order to maintain public safety. Initial G-11 Allocation 10/12/05: \$1,600,000	0E9201 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$1,600,000 - \$1,600,000
6 \$200,000 Kern 06U-Ker-5 4.6	Near Fort Tejon, 4.6 miles north of the Los Angeles County line. On September 8, 2005, a slide occurred at the cut slope loosening large boulders and posing an imminent threat to southbound I-5 over the Grapevine. This project will repair the slope using grading, blasting and soil removal. Initial G-11 Allocation 10/24/05: \$200,000	0E8601 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$200,000 - \$200,000
7 \$550,000 Los Angeles 07U-LA-5 85.6/88.7	Near Gorman, from Gorman Road to Frazier Mountain Park Road. On September 3, 2005, a fire along 3 miles of this highway damaged access control fencing, guardrails and traffic signs. This project will replace all damaged highway safety and traffic advisory features. Initial G-11 Allocation 10/7/05: \$550,000	4L6701 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$550,000 - \$550,000
8 \$700,000 Los Angeles 07U-LA-118 0.0/1.8	Near Los Angeles, between the Ventura County line and Topanga Canyon Boulevard. On September 28, 2005, the Topanga Fire burned across the freeway and damaged guardrail, fencing, and drainage facilities. This project will repair damaged highway facilities. Initial G-11 Allocation 10/20/05: \$700,000	1X2101 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$700,000 - \$700,000

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2.5f.(1) Informational Report – Emergency G-11 Allocations				
9 \$350,000 Ventura 07U-Ven-150 27.0/31.0	Between the cities of Ojai and Santa Paula. Initial project was due to heavy rain in late December 2004 and early January 2005 causing multiple slides, debris flows, washouts and roadway loss. This supplemental is needed to cover environmental mitigation, one-way traffic control and closing out this contract. Initial G-11 Allocation 4/5/05: \$1,500,000 Supplemental G-11 Allocation 10/7/05: \$350,000 Revised Allocation: \$1,850,000	4L0601 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	- \$350,000 \$350,000
10 \$300,000 Riverside 08U-Riv-74 83.0/86.0	Near Pinyon Crest, from 1 mile west of Carrizo Road to 0.8 mile east of Big Horn Drive. On October 17 and 18, 2005, heavy rain brought down sediments that clogged the drainage system and damaged the roadway. This project will remove debris, clear drainage system and repair roadway. Initial G-11 Allocation 11/7/05: \$300,000	0H5001 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$300,000 - \$300,000
11 \$1,000,000 San Bernardino 08U-SBd-18 41.0/44.3	Between Snow Valley and Big Bear. Heavy rain on October 17 and 18, 2005, washed out the roadway embankment, and collapsed the pavement, asphalt dikes, down drains, and guardrails at several locations. This project will repair damaged roadway. Initial G-11 Allocation 11/7/05: \$1,000,000	0H5501 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$1,000,000 - \$1,000,000
12 \$100,000 San Bernardino 08U-SBd-18 21/27.5	Near Lake Arrowhead, from Lake Gregory Drive to Skyforest. Heavy rain during winter of 2004/2005 caused numerous rock/mud slides and forced the closure of this highway. Initial and supplemental allocations were to remove debris, repair damaged embankment, shoulders, pavement and drainage features, and stabilize slopes. This supplemental is needed to close out the contract. Initial G-11 Allocation 2/9/05: \$500,000 Supplemental G-11 Allocation 2/23/05: \$500,000 Supplemental G-11 Allocation 11/18/05: \$100,000 Revised Allocation: \$1,100,000	0G2001 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	- \$100,000 \$100,000
13 \$300,000 San Bernardino 08U-SBd-247 0.2/2.0.	In Yucca Valley, from Route 62 to south of Spencer Drive. Heavy rain on October 17 and 18, 2005, flooded the roadway, washed out the embankment and pavement and damaged the drainage system. This project will repair damaged roadway. Initial G-11 Allocation 11/7/05: \$300,000	0H5101 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$300,000 - \$300,000
14 \$119,580 Kern 09S-Ker-14 26.0/35.4	Near Mojave, from Route 58 to west of Randsburg Road. The initial project was to mill and replace asphalt concrete pavement. This supplemental is needed to close out the contract. Initial G-11 Allocation 5/7/05: \$1,260,000 Supplemental G-11 Allocation 10/7/05: \$119,580 Revised Allocation: \$1,379,580	331301 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.120	\$119,580 - \$119,580
15 \$1,500,000 San Diego 11S-SD-52 5.0/6.2	In San Diego, at approximately 0.3 mile west to 0.3 mile east of Convoy Street. This section of highway, built on landfill, has been settling and creating extreme dips in the pavement. This project will overlay existing pavement to smooth the roadway profile and adjust highway facilities. Initial G-11 Allocation 10/20/05: \$1,500,000	270701 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.120	\$1,500,000 - \$1,500,000

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2.5f.(1) Informational Report – Emergency G-11 Allocations				
16 \$237,000 San Diego 11U-SD-78 60.8/65.1	Near the City of Julian, from 0.8 miles east of Wynola Road to 4.6 miles west of Vallecitos Road. Initial and first supplemental allocations were to repair failing side slope with a geo-textile reinforced embankment and construct roadway. This supplemental is needed to close out the contract	274601 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$35,000 \$202,000 \$237,000
	Initial G-11 Allocation 7/19/05:			\$1,377,000
	Supplemental G-11 Allocation 9/20/05:			\$2,323,000
	Supplemental G-11 Allocation 11/21/05:			\$237,000
	Revised Allocation:			\$3,937,000