

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: March 2-3, 2005

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

From: CINDY McKIM  
Chief Financial Officer

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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 \$8,187,000 have been allocated for fourteen (14) emergency construction projects described below and on the attached list.

Due to the series of severe rainstorms that swept through southern California beginning December 28, 2004, the Governor declared a State of Emergency on January 12 and January 15, 2005 in multiple southern California counties. Over \$46,000,000 of emergency highway repairs has been requested by the affected Department of Transportation (Department) Districts as of January 31, 2005. The repair costs are expected to climb as more highway damage is discovered. The majority of the storm damage projects will be reported at the April and May 2005 California Transportation Commission meetings.

Project #1. In Butte County, near Oroville at the North Honcut Creek Bridge (Bridge No. 12-0060). High creek flows during FY 2003-2004 caused extensive scour at two bridge pile foundations. The initial project was to replace bents 4 and 5 with out rigger bents and place ½ ton rock slope protection on the embankment. This supplemental is due to delays caused by early season rain and additional environmental requirements.

Project #2. In Colusa County, approximately 4.5 miles west of Colusa/Yolo County Line. During the winter storms of the FY 2003-2004 a slide occurred at this location. The slide material remained just above the highway posing the risk of failing and sliding onto the highway again. The initial project was to remove all loose material, lay back the slide, install rock slope protection and dispose of excavated material. This supplemental is needed to repair the highway pavement damaged during construction, and the need for additional rock slope protection.

Project #3. In Santa Barbara County, near Gaviota from 0.3 mile south of Vista Del Mar to Route 1. On June 5, 2004, the Gaviota Fire broke out and burned over 7,500 acres with this portion of highway receiving extensive damage at various locations. The initial project was to repair/replace highway slope rock nets; scale slopes with increased risk of rock fall, clean out culverts, and set up upstream hydraulic measures to guard against future debris flow. This supplemental is needed to remove debris accumulated from the first rain of the FY 2004-2005 season and to construct additional debris containment systems.

Project #4. In Santa Barbara County, near Gaviota from 0.3 mile south of Vista Del Mar to Route 1. On December 28, 2004 intense rainfall occurred over this area recently burned by the Gaviota fire (June 05, 2004). The rain triggered large-scale debris flows causing significant damage to highway facilities. This project will clear plugged culverts, reconstruct roadway embankment, clear mud and debris from rest area, repair rock fall containment system and conduct necessary traffic control.

Project #5. In San Luis Obispo County, in Cambria, 0.1 mile East of Perry Creek Bridge at the Cambria Maintenance Station. On December 1, 2004, a fire occurred at the Station severely damaging the main equipment area. This project will repair the damaged building including the roof, roll-up bay doors; lighting and heating to ensure the Maintenance crew can continue providing needed essential services.

Project #6. In Los Angeles County, in the City of Malibu on the Pacific Coast Highway (PCH) from Topanga Canyon Blvd north to Latigo Canyon Blvd. Heavy rain on December 27 and December 28, 2004 caused mud, rock and other storm debris to cover the highway at numerous locations. The debris was moved onto the shoulders to clear the highway. Numerous home and business driveways are partially or fully blocked. The next wave of rain would add more debris. This project will remove and place all deposited debris in an approved disposal site.

Project #7. In Los Angeles County, in the City of Malibu at the Las Flores Creek Bridge and between Carbon Canyon Road and the Malibu Pier. During the last two weeks of 2004, the Las Flores Creek crossing under the highway and five adjacent retention basins have been overwhelmed with debris washed down from steep canyons above the highway. This project will clear the creek and the basins to full capacity and dispose of the storm deposited debris at a certified disposal site.

Project #8. In Los Angeles County, in Van Nuys City south of the Saticoy Street Undercrossing and north of Sherman Way off-ramp. Following heavy rain in late December 2004, a separation between the concrete travel-way and the asphalt shoulder was discovered. The separation is six feet deep and over six inches wide. A sound wall at this location is also shifting and cracking. This project will demolish/remove/repair concrete pavement, asphalt shoulder, 350 feet of damaged sound wall and adjacent roadbed, and support side slope.

Project #9. In Ventura County, near the Cities of Santa Paula and Piru at the Haun Creek Bridge and Hopper Creek Bridge. In late December 2004, this area experienced heavy rain with heavy runoffs, high creek flows and large quantities of sediment, rock and fire debris clogging creeks. The channels under these two bridges began to fill with storm deposited debris threatening to block the channel and cause the creek to overtop the highway. This project clears both channels as needed and places removed material in approved disposal sites.

Project #10. In San Bernardino County, in San Bernardino from 40<sup>th</sup> Street to Junction 138 and on Route 138 (PM: 37.6/37.8). On October 19 and 20, 2004, several inches of rain fell followed by massive mud/rock slides. Deposited material clogged culverts and damaged drainage inlets, pavement and utilities. This project will remove debris and repair damaged highway facilities. The supplemental request is to close out the contract.

Project #11. In San Bernardino County, near San Bernardino at Arctic Circle between Snow Valley Ski Area and Big Bear Dam. Due to drought conditions and Bark Beetle infestation of nearly one million trees over 500,000 acres, this project removes dead and dying trees, removes debris, and repairs highway damage that may result from the logging operation. This project is in compliance with the Governor's Executive Order proclaiming a State of Emergency effective March 7, 2003, and conforms to agreement with State and Federal agencies working to mitigate the fire danger and danger associated with falling trees.

Project #12. In San Bernardino County, in Crestline between Junction Route 18/138 and Crest Forest Drive. On December 31, 2004, several inches of rain fell on this area followed by mud/rock slides. Deposited material accumulated in drainage facilities and under metal mesh curtains that protect the steep slopes and undermined adjacent pavement. This project will remove debris and sediment from culverts and drainage inlets/outlets, repair pavement, remove rocks from under curtains and repair curtains where necessary.

Project #13. In San Bernardino County, in Devore northbound Route 215 Connector to Southbound Route 15. On October 19 and 20, 2004, several inches of rain fell on the mountains around Devore. This is an area that was previously burned by the October 2003 fires. The rain caused massive erosion with rivers of mud/rock coming down the Nedlee and Rimark creeks. The initial project was to remove debris and sediment on the connector and from culverts, repair broken drop inlets and adjacent pavement, restore embankment slopes and reestablish flow lines. This supplemental is due to additional storms that brought down more debris and caused more damage.

Project #14. In Orange County, in the city of Seal Beach near Anaheim Bay Bridge. A ten (10)-inch diameter corrugated metal pipe failed and contributed to the erosion of the slope embankment. This project will repair the damaged slope and remove, replace and extend the 10-inch pipe to the bottom of the slope. The total cost of this repair is estimated at \$132,000. This allocation supplements a \$120,000 allocation made from the Department Minor B allocation.

**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 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 \$100,000 Butte 03U-But-70 0.15	Near Oroville at the North Honcut Creek Bridge (Bridge No. 12-0060). High creek flows during 2003/2004 caused extensive scour at two bridge pile foundations. The initial project was to replace bents 4 and 5 with outrigger bents and place ½ ton rock slope protection on the embankment. This supplemental is due to delays caused by early season rain and additional environmental requirements.  Initial G-11 Allocation 5/28/04: \$850,000 Supplemental G-11 Allocation 12/02/04: \$100,000 Revised Total Allocation: \$950,000	0E7501 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130	\$100,000 - \$100,000
2 \$100,000 Colusa 03U-Col-16 R2.7	Approximately 4.5 miles west of Colusa/Yolo County Line. During the winter storms of 2003/2004 a slide occurred at this location. The slide material remained just above the highway posing the risk of failing and sliding onto the highway again. The initial project was to remove all loose material, lay back the slide, install rock slope protection and dispose of excavated material. This supplemental is needed to repair highway pavement damaged during construction and the need for additional rock slope protection.  Initial G-11 Allocation 8/30/04: \$350,000 Supplemental G-11 Allocation 1/04/05 : \$100,000 Revised Total Allocation: \$450,000	0E6001 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$100,000 - \$100,000
3 \$350,000 Santa Barbara 05U-SB-101 44.0/49.0	Near Gaviota from 0.3 mile south of Vista Del Mar to Route 1. On June 5, 2004, the Gaviota Fire broke out and burned over 7,500 acres with this portion of highway receiving extensive damage at various locations. The initial project was to repair/replace highway slope rock nets, scale slopes with increased risk of rock fall, cleanout culverts, and set up upstream hydraulic measures to guard against future debris flow. This supplemental is needed to remove debris accumulated from the first rain of the 2004/2005 season and to construct additional debris containment systems.  Initial G-11 Allocation 6/29/04: \$1,000,000 Transfer from EA 05-0L7401 10/06/04: \$400,000 Supplemental G-11 Allocation 12/02/04: \$350,000 Revised Total Allocation: \$1,750,000	0L7301 SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130	\$350,000 - \$350,000
4 \$1,200,000 Santa Barbara 05U-SB-101 44.0/49.0	Near Gaviota from 0.3 mile south of Vista Del Mar to Route 1. On December 28, 2004, intense rainfall occurred over this area recently burned by the Gaviota fire (June 5, 2004). The rain triggered large-scale debris flows causing significant damage to highway facilities. This project will clear plugged culverts, reconstruct roadway embankment, clear mud and debris from rest area, repair rock fall containment system and conduct necessary traffic control.  Initial G-11 Allocation 1/05/05: \$1,200,000	0M5501 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$1,200,000 - \$1,200,000
5 \$500,000 San Luis Obispo 05U-SLO-46 0.33	In Cambria, 0.1 mile East of Perry Creek Bridge at the Cambria Maintenance Station. On December 1, 2004, a fire occurred at the Station severely damaging the main equipment area. This project will repair the damaged building including the roof, roll-up bay doors, lighting and heating to ensure the Maintenance crew can continue providing needed essential services.  Initial G-11 Allocation 12/20/04: \$500,000	0M5401 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$500,000 - \$500,000

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>				
6 \$150,000 Los Angeles 07U-LA-001 40.7/51.0	In the City of Malibu on the Pacific Coast Highway (PCH) from Topanga Canyon Blvd north to Latigo Canyon Blvd. Heavy rain December 27-28, 2004 caused mud, rock and other storm debris to cover the highway at numerous locations. The debris was moved onto the shoulders to clear the highway. Numerous home and business driveways are partially or fully blocked. The next wave of rain would add more debris. This project will remove all deposited debris and place in approved disposal site.	4K6101 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$150,000 - \$150,000
Initial G-11 Allocation 1/11/05:				\$150,000
7 \$900,000 Los Angeles 07U-LA-001 44.1/46.5	In the City of Malibu at the Las Flores Creek Bridge and between Carbon Canyon Road and the Malibu Pier. During the last two weeks of December 2004, the Las Flores Creek crossing under the highway and five adjacent retention basins have been overwhelmed with debris washed down from steep canyons above the highway. This project will clear the creek and the basins to full capacity and dispose of the storm deposited debris at a certified disposal site.	4K7701 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$900,000 - \$900,000
Initial G-11 Allocation 1/19/05:				\$900,000
8 \$1,950,000 Los Angeles 07U-LA-405 42.8/42.9	In Van Nuys City south of the Saticoy Street Undercrossing and north of Sherman Way off-ramp. Following heavy rain in late December 2004, a separation between the concrete travel way and the asphalt shoulder was discovered. The separation is 6 feet deep and over 6 inches wide. A sound- wall at this location is also shifting and cracking. This project will demolish/remove/repair concrete pavement, asphalt shoulder, 350 feet of damaged sound wall and adjacent roadbed, and support side slope.	4K6201 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$1,950,000 - \$1,950,000
Initial G-11 Allocation 1/19/05:				\$1,950,000
9 \$1,400,000 Ventura 07U-Ven-126 13.5/26.5	Near the Cities of Santa Paula and Piru at the Haun Creek Bridge and Hopper Creek Bridge. In late December 2004, this area experienced heavy rain with heavy runoffs, high creek flows and large quantities of sediment, rock and fire debris clogging creeks. The channels under these two bridges began to fill with storm deposited debris threatening to block the channel and cause the creek to overtop the highway. This project clears both channels as needed and places removed material in approved disposal sites.	4K6401 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$1,400,000 - \$1,400,000
Initial G-11 Allocation 1/12/05:				\$1,400,000
10 \$525,000 San Bernardino 08U-SBd-18, 138 7.0/17.8 37.6/37.8	In San Bernardino from 40 <sup>th</sup> Street to Junction 138 and on Route 138. On October 19-20, 2004, several inches of rain fell followed by massive mud/rock slides. Deposited material clogged culverts and damaged drainage inlets, pavement and utilities. The initial allocation will remove debris and repair damaged highway facilities. The supplemental request is to close out the contract.	0F7101 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$525,000 - \$525,000
Initial G-11 Allocation 12/06/04:				\$450,000
Supplemental G-11 Allocation 12/29/04:				\$75,000
Revised Total Allocation:				\$525,000

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>				
11 \$300,000 San Bernardino 08U-SBd-18 39.0/44.4	Near San Bernardino at Arctic circle between Snow Valley Ski Area and Big Bear Dam. Due to drought conditions and Bark Beetle infestation of nearly one million trees over 500,000 acres, this project removes dead and dying trees, removes debris, and repairs highway damage that may result from the logging operation. This project is in compliance with the Governor's Executive Order proclaiming a State of Emergency effective March 7, 2003, and conforms to agreement with State and Federal agencies working to mitigate the fire danger and danger associated with falling trees.	0F7501 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$300,000 - \$300,000
	Initial G-11 Allocation 12/06/04:			\$300,000
12 \$200,000 San Bernardino 08U-SBd-138 36.5/37.5	In Crestline between Junction Route 18/138 and Crest Forest Drive. On December 31, 2004, several inches of rain fell on this area followed by mud/rock slides. Deposited material accumulated in drainage facilities and under metal mesh curtains that protect the steep slopes and undermined adjacent pavement. This project will remove debris and sediment from culverts and drainage inlets/outlets, repair pavement, remove rocks from under curtains and repair curtains where necessary.	0F9901 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$200,000 - \$200,000
	Initial G-11 Allocation 1/07/05:			\$200,000
13 \$500,000 San Bernardino 08U-SBd-215 17.7	In Devore northbound Route 215 Connector to Southbound Route 15. On October 19 and 20, 2004, several inches of rain fell on the mountains around Devore. This is an area that was previously burned by the October 2003 fires. The rain caused massive erosion with rivers of mud/rock coming down the Nedlee and Rimbark Creeks. The initial project was to remove debris and sediment on the connector and from culverts, repair broken drop inlets and adjacent pavement, restore embankment slopes and reestablish flow lines. This supplemental was due to additional storms that brought down more debris and caused more damage.	0F6701 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$500,000 - \$500,000
	Initial G-11 Allocation 11/05/04:			\$500,000
	Supplemental G-11 Allocation 12/22/04:			\$500,000
	Revised Total Allocation:			\$1,000,000
14 \$12,000 Orange 12U-Ora-001 31.7	In the city of Seal Beach near Anaheim Bay Bridge. A ten (10)-inch diameter corrugated metal pipe failed and contributed to the erosion of the slope embankment. This project will repair the damaged slope and remove, replace and extend the 10-inch pipe to the bottom of the slope. The total cost of this repair is estimated at \$132,000. This allocation supplements a \$120,000 allocation made from the Department Minor B allocation.	0G8801 SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.150	\$12,000 - \$12,000
	Initial G-11 Allocation 1/03/05:			\$12,000