

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: August 13-14, 2003

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

From: ROBERT L. GARCIA
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 \$11,659,000 have been allocated for seventeen (17) emergency construction projects described below and on the attached list.

Project # 1. Near Elk at 3.2 miles north of Greenwood Creek. A series of heavy rain and windstorms last December 2002 and January 2003 caused severe coastal erosion of the slope undermining the southbound lane. Initial project called for realigning this highway segment away from the bluff and reconstructing drainage. This supplemental pays for additional excavation and roadway construction work caused by the discovery of unsuitable soil material and additional drainage work caused by the April and early May 2003 record rainfall.

Project # 2. Near Willits north of the Outlet Creek Bridge. During the heavy rains of December 2002 and January 2003, the roadway surface began to deteriorate and ravel badly. Record rainfall in April 2003 rendered the surface rough and hazardous to travel especially for motorcycles. This project will dig out and repair failing pavement areas and place a new layer of Open Graded Asphalt Concrete.

Project #3. Approximately 4.3 miles south of Piercy from 0.1 mile south to 0.8 mile north of Confusion Hill Viaduct #10-288. Late season heavy rain resulted in unstable slide material and rocks falling onto the highway posing a critical safety concern. Initial allocation called for the construction of rock fence above the highway to contain the falling rock. In late April, unexpected heavy rains caused additional up-slope instability bringing down 20-30,000 CY of material rupturing several bin walls and threatening the collapse of the southbound lane. This supplemental will expand the rock containment system, repair the bin-walls and roadway and dispose of slide

material.

Project #4. Near Boonville at 4.3 miles east of Soda Creek Bridge. Heavy rain in April 2003 saturated this highway segment and caused the pavement to settle. On May 4, 2003, it was estimated that the roadway was settling at the rate of one inch per hour. This project re-grades the slope, restores the drainage on the uphill side of the highway and repairs the damaged pavement.

Project #5. In the Town of Piercy. Initial emergency occurred last December 27, 2002 following heavy rains when a landslide caused the closure of Highway 271 and the weakening of the embankment supporting the shoulder of adjacent Highway 101. The first supplemental covered repairs of another slide occurring approximately 150 feet to the north. This supplemental covers the disposal of 10,000 cubic yards of material to an approved disposal site.

Project #6. Near Mount Shasta from approximately 0.2 miles north of Lassen Lane to 0.1 miles north of Black Butte Overhead. Heavy winter rain and late spring storms caused the pavement to fail at various locations with slabs disintegrating and roadway surface becoming increasingly rough and untraversable. This project repairs worst failed areas by removing failed asphalt surface and underlying slab and replace with full depth asphalt concrete.

Project #7. West of Kingvale from the South River Bridge to the South Yuba River Bridge. The concrete pavement at this location failed with areas of exposed rebar. Continued pavement deterioration is making lane closures imminent. This project will repair the concrete failed slabs and grind and repave the asphalt shoulders.

Project #8. In West Sacramento at the interchange of Route 50 and Interstate 80. Traffic striping at this location was modified following the construction of a new freeway ramp to the west of this location. Further review determined that a new striping pattern is needed to protect motorist safety. This project consists of removing the traffic stripes, placing a layer of open graded asphalt concrete and re-striping.

Project #9. Approximately 0.3 miles north of Route 49/Camptonville road intersection. Severe rust caused the structural failure of the Corrugated Metal Pipe (CMP) culvert at this location. Pavement cracks and a roadside sinkhole resulted from the culvert failure. This project will replace the culvert by inserting a new 7-foot CMP into the existing culvert and fill the space between the old and new culvert with concrete. The project must be completed before the start of the rainy season.

Project #10. Near Pacifica between Montara and Devil's slide. A slide at this location occurred during the declared winter storm disaster of 1998. This permanent repair project installs horizontal drains, constructs a slope confinement system using wire mesh and imported borrow, and repairs roadway pavement.

Project #11. Approximately 1.7 miles north of the Town of Jenner. During the January 2002 storms, a slip-out occurred undermining the shoulder and the southbound lane. Initial project was for roadway opening and called for slope reinforcement using geosynthetic fabric layers. Due to environmental concerns and permitting delays, it is determined to build a soldier pile tieback wall in lieu of fabric reinforcement. This supplemental covers the difference in cost.

Project #12. Near Boulder Creek. As a result of the April 2003 storms in the Santa Cruz Mountains, a slipout occurred at this location. The southbound lane was narrowed to the greatest extent possible as a result. This project repairs the roadway by constructing a soldier pile wall returning the roadway to original width and modifying drainage.

Project #13. In Fresno from Ventura Street to Fresno/Madera County line. The contractor to crack, seat and overlay this section of highway has not returned leaving several contract items incomplete. To preserve public safety, this project repairs certain work items including the installation of asphalt dikes, adjusting drainage inlets, repairing electrical lighting systems, replacing partly removed concrete slabs, installing guardrails and pavement delineation.

Project #14. At various locations from 10 miles north to 1 mile south of the Kings/Kern county line. Constant heavy traffic and repeated late season rains have caused widespread failure in freeway pavement slabs. The pavement is no longer maintainable and lane closures are imminent. This project will address the worst slab failures by removing and replacing with full depth asphalt or Portland cement concrete.

Project #15. At various locations between Main Street in the City of Carson and Paramount boulevard In the City of Long Beach. Constant heavy traffic combined with late and repeated spring storms caused widespread pavement failure at the lane joint lines. The failure is beyond the scope of regular Maintenance and is posing a threat to motorist safety. This project will grind out and overlay the failed pavement at the joint lines.

Project #16. At various locations on Routes 5, 118 and 210 in the cities of Glendale, Valencia, Los Angeles, La Crescenta and Pasadena. Constant heavy truck traffic and high volumes of commuter vehicles combined with late and repeated spring storms caused widespread pavement failure. The pavement failure poses a safety concern with the possibility of lane closures on these urban freeways. This project repairs pavement by removing and replacing damaged concrete slabs.

Project #17. From 0.3 miles west to 1.24 miles east of Convoy Street. As a result of last season winter storms, this section of freeway built on landfill settled at various locations. Dips already existing in the pavement worsened in severity as a result, and posed a serious threat to motorist safety. This project addresses the worst locations by overlaying the pavement to minimize the dip effect.

BACKGROUND:

The California Transportation Commission (Commission) by Resolution G-11, as revised by Resolution G-94, Delegated to the Department of Transportation (Department) authority to allocate funds to correct certain situations caused by floods, slides, earthquakes, material failures, slipouts, 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(s)

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 \$100,000 Mendocino 01U-Men-1 36.6	Near Elk at 3.2 miles north of Greenwood Creek. A series of heavy rain and windstorms last December 2002 and January 2003 caused severe coastal erosion of the slope undermining the southbound lane. Initial project called for realigning this highway segment away from the bluff and reconstructing drainage. This supplemental pays for additional excavation and roadway construction work caused by the discovery of unsuitable soil material and additional drainage work caused by the April and early May 2003 record rainfall. Initial G-11 Allocation: 02/05/03 \$275,000 Supplemental Allocation: 06/24/03 \$100,000 Revised Allocation (G-11): \$375,000	445001 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130 201/130	\$100,000 - \$100,000
2 \$200,000 Mendocino 01U-Men-101 50.8/51.5	Near Willits north of the Outlet Creek Bridge. During the heavy rains of December 2002 and January 2003, the roadway surface began to deteriorate and ravel badly. Record rainfall in April 2003 rendered the surface rough and hazardous to travel especially for motorcycles. This project will dig out and repair failing pavement areas and place a new layer of Open Graded Asphalt Concrete. Initial G-11 Allocation: 06/17/03: \$200,000	446211 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.120 201/120	\$200,000 - \$200,000
3 \$3,500,000 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. Late season heavy rain resulted in unstable slide material and rocks falling onto the highway posing a critical safety concern. Initial allocation called for the construction of rock fence above the highway to contain the falling rock. In late April, unexpected heavy rains caused additional up-slope instability bringing down 20-30,000 CY of material rupturing several bin walls and threatening the collapse of the southbound lane. This supplemental will expand the rock containment system, repair the bin-walls and roadway and dispose of slide material. Initial G-11 Allocation: 03/28/03: \$800,000 Supplemental Allocation: 06/17/03 \$3,500,000 Revised Allocation (G-11): \$4,300,000	446601 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130 201/130	\$401,500 \$3,098,500 \$3,500,000
4 \$300,000 Mendocino 01U-Men-253 7.86	Near Boonville at 4.3 miles east of Soda Creek Bridge. Heavy rain in April 2003 saturated this highway segment and caused the pavement to settle. On May 4, 2003, it was estimated that the roadway was settling at the rate of one inch per hour. This project re-grades the slope, restores the drainage on the uphill side of the highway and repairs the damaged pavement. Initial G-11 Allocation: 05/22/03: \$300,000	447801 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130 201/130	- \$300,000 \$300,000

Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA Program	Budget Year Item # Program Codes	State Federal Total Amount
5 \$200,000 Mendocino 01U-Men-271 20.5	In the Town of Piercy. Initial emergency occurred last December 27, 2002 following heavy rains when a landslide caused the closure of Highway 271 and the weakening of the embankment supporting the shoulder of adjacent Highway 101. The first supplemental covered repairs of another slide occurring approximately 150 feet to the north. This supplemental covers the disposal of 10,000 cubic yards of material to an approved disposal site. Initial G-11 Allocation: 01/10/03: \$300,000 Supplemental Allocation: 02/19/03 \$200,000 Supplemental Allocation: 05/07/03 \$200,000 Revised Allocation (G-11): \$700,000	443801 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130 201/130	\$200,000 - \$200,000
6 \$1,000,000 Siskiyou 02U-Sis-005 R11.4/R16.0	Near Mount Shasta from approximately 0.2 miles north of Lassen Lane to 0.1 miles north of Black Butte Overhead. Heavy winter rain and late spring storms caused the pavement to fail at various locations with slabs disintegrating and roadway surface becoming increasingly rough and untraversable. This project repairs areas by removing failed asphalt surface and underlying slab and replacing with full depth asphalt concrete. Initial G-11 Allocation: 06/11/03: \$1,000,000	0C8001 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.120 201/120	\$84,300 \$915,700 \$1,000,000
7 \$400,000 Placer 03U-Pla-80 67.6/68.1	West of Kingvale from the South River Bridge to the South Yuba River Bridge. The concrete pavement at this location failed with areas of exposed rebar. Continued pavement deterioration is making lane closures imminent. This project will repair the concrete failed slabs, and grind and repave the asphalt shoulders. Initial G-11 Allocation: 06/27/03 \$400,000	4C9401 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.120 201/120	\$400,000 - \$400,000
8 \$275,000 Yolo 03U-Yol-80 9.1/10.0	In West Sacramento at the interchange of Route 50 and Interstate 80. Traffic striping at this location was modified following the construction of a new freeway ramp to the west of this location. Further review determined that a new striping pattern is needed to protect motorist safety. This project consists of removing the traffic stripes, placing a layer of open graded asphalt concrete and re-striping. Initial G-11 Allocation: 06/30/03 \$275,000	4C9601 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.310 201/310	\$275,000 - \$275,000

Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA Program	Budget Year Item # Program Codes	State Federal Total Amount
9 \$319,000 Yuba 03U-Yub-49 5.9	Approximately 0.3 miles north of Route 49/Camptonsville road intersection. Severe rust caused the structural failure of the Corrugated Metal Pipe (CMP) culvert at this location. Pavement cracks and a roadside sinkhole resulted from the culvert failure. This project will replace the culvert by inserting a new 7-foot CMP into the existing culvert and fill the space between the old and new culvert with concrete. The project must be completed before the start of the rainy season. Initial G-11 Allocation: 06/13/03	3C3501 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130 201/130	\$319,000 - \$319,000
10 \$600,000 San Mateo 04U-SM-1 37.9	Near Pacifica between Montara and Devil's slide. A slide at this location occurred during the declared winter storm disaster of 1998. This permanent repair project installs horizontal drains, constructs a slope confinement system using wire mesh and imported borrow, and repairs roadway pavement. Initial Allocation: 07/18/02 \$1,358,000 Supplemental G-11 Allocation: 06/24/03 \$600,000 Revised Allocation (G-11): \$1,958,000	1S3701 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130 201/130	\$68,900 \$531,100 \$600,000
11 \$265,000 Sonoma 04U-Son-001 22.93	Approximately 1.7 miles north of the Town of Jenner. During the January 2002 storms, a slip-out occurred undermining the shoulder and the southbound lane. Initial project was for roadway opening and called for slope reinforcement using geosynthetic fabric layers. Due to environmental concerns and permitting delays, it is determined to build a soldier pile tieback wall in lieu of fabric reinforcement. This supplemental covers the difference in cost. Initial G-11 Allocation: 04/12/02: \$500,000 Supplemental Allocation: 06/09/03 \$265,000 Revised Allocation (G-11): \$765,000	1S9701 SHOPP Emergency	2001-02 302-0042 302-0890 20.20.201.130 201/130	\$265,000 - \$265,000
12 \$300,000 Santa Cruz 05U-SCr-9 18.8	Near Boulder Creek. As a result of the April 2003 storms in the Santa Cruz Mountains, a slip out occurred at this location. The southbound lane was narrowed to the greatest extent possible as a result. This project repairs the roadway by constructing a soldier pile wall returning the roadway to original width and modifying drainage. Initial G-11 Allocation: 06/23/03 \$300,000	OK4001 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130 201/130	\$300,000 - \$300,000

Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA Program	Budget Year Item # Program Codes	State Federal Total Amount
13 \$500,000 Fresno 06U-Fre-99 31.6/20.2	In Fresno from Ventura Street to Fresno/Madera County line. The contractor to crack, seal and overlay this section of highway has not returned leaving several contract items incomplete. To preserve public safety, this project repairs certain work items including the installation of asphalt dikes, adjusting drainage inlets, repairing electrical lighting systems, replacing partly removed concrete slabs, installing guardrails and pavement delineation. Initial G-11 Allocation: 05/01/03	491701 SHOPP Emergency	2000-01 302-0042 302-0890 20.20.201.120 201/120	\$57,300 \$442,700 \$500,000
14 \$750,000 Kings/Kern 06U-Kin-5 0.0/10.0	At various locations from 10 miles north to 1 mile south of the Kings/Kern county line. Constant heavy traffic and repeated late season rains have caused widespread failure in freeway pavement slabs. The pavement is no longer maintainable and lane closures are imminent. This project will address the worst slab failures by removing and replacing with full depth asphalt or Portland cement concrete. Initial G-11 Allocation: 06/24/03:	499601 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.121 201/121	\$750,000 - \$750,000
15 \$600,000 Los Angeles 07U-LA-91 6.9/13.6	At various locations between Main Street in the City of Carson and Paramount boulevard In the City of Long Beach. Constant heavy traffic combined with late and repeated spring storms caused widespread pavement failure at the lane joint lines. The failure is beyond the scope of regular Maintenance and is posing a threat to motorist safety. This project will grind out and overlay the failed pavement at the joint lines. Initial G-11 Allocation: 05/28/03:	4J5701 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.120 201/120	\$600,000 - \$600,000
16 \$1,600,000 Los Angeles 07U-LA-Var Various	At various locations on Routes 5, 118 and 210 in the cities of Glendale, Valencia, Los Angeles, La Crescenta and Pasadena. Constant heavy truck traffic and high volumes of commuter vehicles combined with late and repeated spring storms caused widespread pavement failure. The pavement failure poses a safety concern with the possibility of lane closures on these urban freeways. This project repairs pavement by removing and replacing damaged concrete slabs. Initial G-11 Allocation: 05/28/03:	4J7701 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.120 201/120	\$183,600 \$1,416,400 \$1,600,000
17 \$750,000 San Diego 11U-SD-52 5.2/5.7	From 0.3 miles west to 1.24 miles east of Convoy Street. As a result of last season winter storms, this section of freeway built on landfill settled at various locations. Dips already existing in the pavement worsened in severity as a result, and posed a serious threat to motorist safety. This project addresses the worst locations by overlaying the pavement to minimize the dip effect. Initial G-11 Allocation: 06/17/03	260201 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.120 201/120	\$750,000 - \$750,000