

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: December 14-15, 2005

Reference No.: 2.5f.(5)
Information Item

From: CINDY McKIM
Chief Financial Officer

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Budgets

Ref: **INFORMATIONAL REPORT – DELEGATED SUPPLEMENTAL FUNDS FOR TEN PROJECTS FOR AWARD UNDER RESOLUTION G-05-04**

Pursuant to the authority granted by Resolution G-05-04, the Executive Director of the California Transportation Commission (Commission) has approved \$22,762,000 for ten (10) previously voted projects, as described on the attached list, since the last Commission meeting.

As of this report, \$35,762,000 in supplemental funds have been allocated in FY 2005-06 for twenty previously voted projects.

PROJECT DETAILS:

Project #1 - Construct a center-line turn lane and left turn channelization, El Dorado County, PPNO 03-3115. This State Highway Operation and Protection Program (SHOPP) safety project on Route 49 involves constructing a left turn lane and left turn channelization, intersection improvements and pedestrian walkways and drainage improvements. The project was allocated for \$1,400,000 in May 2005 through Commission delegation of authority. The project was advertised, but no bids were submitted by the bid opening date of July 26, 2005. This occurred before the Department implemented its new policy of updating Engineer's Estimates prior to bid. Based on the bidders comments the Department set a new bid opening date of October 5, 2005, using the original estimate prepared in late 2004. Eight plan packages were issued, and bids were opened on October 5, 2005. There were two bids and the apparent low bid was 49% over the Engineer's Estimate. Additional funding needed to award the project was \$519,000, 37% over the voted amount. Ninety-one (91%) percent of the cost increase was associated with asphalt concrete and roadway excavation. The bid results were competitive when compared to similar bids.

Project #2 - Construct shoulder widening, improve drainage, and install metal beam guardrail (MBGR), San Luis Obispo County, PPNO 05-0427B. This SHOPP project on Route 1 (at various locations) in San Luis Obispo County near San Simeon, involves shoulder widening, improving drainage facilities, and upgrading and installing MBGR. The project was voted in August 2005 for \$1,061,000. The project was advertised, 16 plan packages were issued, and the bids were opened on October 5, 2005. There were five bidders. The apparent low bid was 56% over the Engineer's

Estimate. Additional funding needed to award the project was \$562,000, 53% over the voted amount. Review of the bid items indicated a significant cost increase in the items relating to structure concrete and structure steel items.

Project #3 – Construct new lanes within existing median, single concrete median barrier, soundwall, rehabilitate existing pavement, Fresno County, PPNO 06-1530. This State Transportation Improvement Program (STIP) project will increase capacity by adding two additional lanes in the median on Route 99. The project will convert 7.1 miles of four-lane freeway to six-lane freeway. The project was programmed in the 2004 STIP for \$51,605,000 (\$32,965,000 STIP, \$16,140,000 TCRP, \$2,500,000 retrofit soundwall funds). The project was voted in July 2005 for \$32,965,000 from the STIP. The cost increase will come 100% from STIP, as there are no additional TCRP funds or retrofit soundwall funds available. Bids for this project were opened on October 4, 2005, and there were two bidders, with the low bid at 18.69% over the Engineer's Estimate. Additional STIP funding needed to award the project was \$10,285,000 (31% over the vote amount of STIP funding). Review of the bid items indicated significant differences between the Engineer's Estimate and the contract bids for the items related to concrete, asphalt concrete (AC), and mobilization. These items accounted for 82% of the total cost increase. The bid results were competitive when compared to similar bids.

Project #4 – Construct an Equipment Storage Building, Inyo County, Minor. This SHOPP project is located at the Department's Independence Maintenance Station in Inyo County. The work involves constructing a new equipment storage building, including truck storage, offices, parts room and rest rooms. This project was originally delivered in 2004 but was put on the shelf due to the funding shortfall. The project was voted in July 2005 for \$750,000. This occurred before the Department implemented its new policy of updating Engineer's Estimates prior to bid. Bids were opened September 28, 2005. There were two bidders on the project; the bids ranged from 41% to 57% over the Engineer's Estimate. In order to award this contract, \$302,000 (40% over the voted amount) of additional funds was needed. Delegated minor G12 funds of \$200,000 will be used; therefore, only \$102,000 in supplemental funds was needed.

Project #5 - Rehabilitate Pavement, Alpine County, PPNO 10-1795. This project is a Capital Preventive Maintenance (CAPM) project and includes localized dig-outs and placement of an Asphalt Concrete (AC) blanket. Additionally, AC dikes will be replaced, metal beam guard rails (MBGR) will be reconstructed, a ponding problem will be corrected with AC at the north side of the Carson River Bridge, and shoulder backing will be placed at the edge of the shoulders. The project was voted in July 2005 for \$1,639,000. There were three bidders on the project. Additional funding needed to award the project was \$434,000, 27% over the voted amount. The project estimate was completed in March 2005, and the project was ready-to-list (RTL) on April 14, 2005. Review of the bid items indicated that significant differences between the Engineer's Estimate and the contract bid items can be attributed to the escalating cost of AC. It was determined that 70% of the cost increase can be attributed to AC. The bid results were competitive when compared to similar bids.

Project #6 - Construct Westbound Passing Lane at two locations, Amador County, PPNO 10-2497. This STIP project, near Cooks Station and Ham Station on Route 88 involves constructing a westbound passing lane. This project was voted in July 2005 for \$4,133,000. The project was advertised, ten plan packages were issued, and bids were opened on September 27, 2005. There were two bids, and the apparent low bid was 48% over the Engineer's Estimate. This project is programmed 100% in the Regional Improvement Program (RIP). The regional transportation planning agencies serving Amador, Alpine and Calaveras (Tri- Counties) have reviewed this request and concur with the cost increase. Additional funding needed to award the project was \$1,707,000, 41% over the voted amount. A review of the bid items indicated a significant increase in items associated with AC, and the one lump sum item "Traffic Control System". The contractor explained that the cost increase in the latter item is a result of the traffic construction staging. The contractor indicated that a pilot car will be needed as the detour will be over a gravel shoulder.

Project #7 - Rehabilitate pavement, Calaveras County, PPNO 10-3242. This SHOPP project on Route 4 in Arnold places an AC overlay and AC dikes, and repairs dig-outs. This project was voted in July 2005 for \$1,833,000. The project was advertised, two plan packages were issued, and the bids were opened on September 28, 2005. One bid was submitted and was 51% over the Engineer's Estimate. Additional funding needed to award the project was \$921,000, 50% over the voted amount. The project Plans, Specification and Estimates (PS&E) was submitted in February 2005, but due to allocation limitations the project did not receive an allocation. The Department did not update the estimate to reflect increase unit costs. Review of the bid items indicated a significant increase in the items associated with AC. Those items accounted for 82% of the cost increase on the project.

Project #8 - Convert 4-lane expressway to 6-lane freeway and construct interchange at Sultana Drive, Merced County, PPNO 10-0546D. This STIP project on Route 99 will convert the four-lane expressway to a six-lane freeway, eliminate an at-grade intersection and median crossing, construct an over-crossing interchange and an overhead, and realign some frontage roads. The project was voted in July 2005 for \$23,465,000. The project was advertised, 24 plan packages were issued, and bids were opened on September 27, 2005. There were five bidders. The responsible low bidder was 14% over the Engineer's Estimate. Additional funding needed to award was \$3,093,000, 13% over the voted amount. Review of the bid items indicated a significant increase in concrete and imported borrow. These two items accounted for 98% of the cost increase on the project. The bid results were competitive when compared to similar bids.

Project #9 - Construct southbound and northbound auxiliary lanes, widen bridges, and a soundwall, San Diego County, PPNO 11-0097D. This SHOPP project on Route 5 involves constructing southbound and northbound auxiliary lanes, widening of three bridges and constructing one soundwall. This project was voted in July 2005 for \$8,400,000. The project was advertised, ten plan packages were issued, and the bids were opened on September 22, 2005. Two bids were received, and the apparent low bid was 27% over the Engineer's Estimate. Additional funding of \$3,000,000 (35% over the voted amount) was needed to award the project. Review of the bid items indicated a significant increase in items associated with AC and concrete. Those items accounted

for 82% of the cost increase on the project. The bid results were competitive when compared to similar bids.

Project #10 - Realign on-ramp and extend on-ramp metering limits, Orange County, PPNO 12-2605. This SHOPP project involves realigning the northbound on-ramp at Camino Capistrano and extending the meter limits to add ramp storage. The project was voted in July 2005 for \$4,951,000. The project was advertised, 12 plan packages were issued, and the bids were opened on October 6, 2005. Three bids were received; the apparent low bid was 41% over the Engineer's Estimate. Additional funding of \$1,939,000 (39% over the voted amount) was needed to award. Plans, Specification and Estimates (PS&E) were submitted in both June of 2002 and 2003. Due to allocation restrictions, this project did not receive an allocation. The revised PS&E was submitted in June 2005, with an updated project estimate. Review of the bid items indicated a significant increase in items associated with AC, structural concrete, roadway excavation and bar reinforcing steel. Those items accounted for 70% of the cost increase on the project. The bid results were competitive when compared to similar bids.

BACKGROUND:

On July 14, 2005, the Commission approved Resolution G-05-04, delegating to its Executive Director the authority to adjust Department of Transportation (Department) construction contract award allocations in excess of the standard limits imposed by Resolution G-12. Under this delegation, the Commission's executive director can adjust the allocation to award the construction contract. The executive director would adjust an individual contract award allocation only after consulting with the Commission's chair and two additional commissioners chosen by the chair. The construction contract award delegation was approved on a trial basis and will sunset on June 30, 2006. This authority accommodates and accelerates the construction effort made possible by the transfer of Proposition 42 funds in FY 2005-06.

Attachment

2.5 Highway Financial Matters

#	Dist	County	Route	Postmiles	Location/Description	EA-5 PPNO	Previous Allocation (x1000)	Delegated Allocation (x1000)	Total (x1000)
2.5f.(5) Informational Report – Delegated Supplemental Funds, per Resolution G-05-04									
1	3	ED	49	24.0/24.5	Route 101, at Terwer Creek Bridge. Widen bridge and upgrade rails (SHOPP). Savings of 14 weeks under delegated process.	2C3601 3115	\$1,400	\$519	\$1,919
2	5	Slo	1	67.4/69.4	Route 1, South Fork American River Bridge #25-21 to Marshall Road. Widening (SHOPP) Savings of 6 weeks under delegated process.	420744 0427B	\$1,061	\$562	\$1,623
3	6	Fre	99	0.7/7.4	Route 99, from Kingsburg to Selma (Route 99/201 Separation to north of Floral Ave OC); and in Tulare County. Convert a 4-lane freeway to a 6-lane freeway. (STIP). Savings of 10 weeks under delegated process.	350704 1530	\$32,965	\$10,285	\$43,250
4	9	Iny	facility	N/A	Independent Equipment Storage Facility. (Minor SHOPP). Savings of 6 weeks under delegated process.	311704 minor	\$750	\$302	\$1,052
8	10	Alp	89	14.9/21.4	Route 89, In Markleeville, Webster Street to east junction with Route 88. Rehabilitate pavement. (SHOPP). Savings of 10 weeks under delegated process.	0E9804 1795	\$1,639	\$434	\$2,073
7	10	Ama	88	42.0/47.0	Route 88, Cooks Station to Mud Springs Sand House. Construct passing lane. (STIP). Savings of 6 weeks under delegated process.	406404 2497	\$4,133	\$1,707	\$5,840
6	10	Cal	4	42.7/49.6	Route 4, Moran Road to Meko Drive at Camp Connell Maintenance Station. Rehabilitate pavement. (SHOPP). Savings of 6 weeks under delegated process.	0E9704 3242	\$1,833	\$921	\$2,754
5	10	Mer	99	26.5/28.8	Route 99, Arena Way to north of Dwight Way. convert 4-lane expressway to 6-lane freeway and construct interchange at Sultana Drive. (STIP). Savings of 6 weeks under delegated process.	3169E4 0546D	\$23,465	\$3,093	\$26,558
9	11	SD	5	10.0/10.7	Route 5, 24th Street to Harbor Drive. Construct auxiliary lane. (SHOPP). Savings of 6 weeks under delegated process.	066701 0097D	\$8,400	\$3,000	\$11,400
10	12	ORA	5	7.3/7.4	Route 5, near Camino Capistrano. Realign ramp and extend ramp meter limits. (SHOPP). Savings of 6 weeks under delegated process.	0A3901 2605	\$4,951	\$1,939	\$6,890
TOTAL							\$80,597	\$22,762	\$103,359

STIP SHARE ADJUSTMENTS:

06-Fre-99, PPNO 1530. Amount of cost increase against county shares: \$0 RIP, \$6,789,000 IIP
 10-Ama-88, PPNO 2497. Amount of cost increase against county shares: \$1,094,000 RIP, \$0 IIP
 10-Mer-99, PPNO 0546D. Amount of cost increase against county shares: \$0 RIP, \$547,000 IIP