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## *Memorandum*

TO: BATA Oversight Committee

DATE: November 3, 2010

FR: Executive Director

W. I. 1256

RE: Toll Bridge Program Capital and Operating Budget Revisions (BATA Resolution No. 94, Revised)

Toll Bridge Program capital budget revisions and fund allocations are proposed as follows:

A. Allocation of \$4 million in Toll Bridge Seismic Retrofit Funds for San Francisco-Oakland Bay Bridge West Approach Seismic Replacement Project Landscaping and Lighting Contract

As part of the San Francisco-Oakland Bay Bridge West Approach Seismic Replacement Project, Caltrans is constructing lighting and landscaping improvements to areas affected by the construction contract. Five bids were opened on September 21, 2010. A low bid of \$2.6 million was submitted by Gordon N. Ball, Inc of Alamo, CA that was nearly 26 percent less than the engineer's estimate. Including supplemental work, state-furnished materials, and a contract contingency, Caltrans has requested an allocation of \$4 million for the contract. Funds for the work are available for allocation from the West Approach Seismic Replacement Project budget.

B. Allocation of \$1 million in toll bridge rehabilitation funds for San Mateo-Hayward Bridge Emergency Repairs.

On October 13, 2010, Caltrans identified a crack in a structural steel member during a routine inspection of the San Mateo-Hayward Bridge. Located beneath the right lane of the bridge in the westbound direction, the crack was in a wishbone-shaped support beam added to the bridge during the seismic retrofit completed 1999. While the lane of traffic above the crack was closed to traffic, the beam was repaired by sandwiching the crack between new plates of steel. Caltrans and its contractor worked around the clock to complete the repairs in the early morning of October 17.

The estimated cost of the repair is \$1 million. To fund the emergency repairs, excess Toll Bridge Rehabilitation funds from a prior approved allocation for a completed deck overlay project on the west spans of the San Francisco-Oakland Bay Bridge (EA 0105U) were transferred to cover the emergency repair project.

While the structural capacity of the beam has been restored, Caltrans is monitoring the repair and is investigating the cause of the failure. Pending the outcome of their investigation, additional work maybe needed on the bridge the future.

## **Recommendation**

Staff recommends that this Committee refer BATA Resolution No.94, Revised, to the Authority for approval for the following actions:

1. Allocate \$4 million in Toll Bridge Seismic Retrofit Funds for San Francisco-Oakland Bay Bridge West Approach Seismic Replacement Project Landscaping and Lighting Contract
2. Transfer of \$1 million in previously allocated Toll Bridge Rehabilitation Program funds from completed deck overlay project to San Mateo-Hayward Bridge Emergency Repairs.

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Steve Heminger

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