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County of Santa Cruz

DEPARTMENT OF PUBLIC WORKS

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JOHN A. FANTHAM
DIRECTOR OF PUBLIC WORKS

APPROVED AND FILED
BOARD OF SUPERVISORS
DATE: April 27, 1999
COUNTY OF SANTA CRUZ
JUSAN A. MAURIELLO
EX-OFFICIO CLERK OF THE BOARD

AGENDA: APRIL 27, 1999

April 15, 1999

BY [Signature] DEPUTY

SANTA CRUZ COUNTY BOARD OF SUPERVISORS
701 Ocean Street
Santa Cruz, California 95060

SUBJECT: MOUNT HERMON ROAD BRIDGE, STATE BRIDGE NO. 36C-0092
BEAR CREEK ROAD BRIDGE, STATE BRIDGE NO. 36C-0084
SEISMIC RETROFIT, FEDERAL PROJECT NO. STPLZ-5936 (020)

Members of the Board:

The plans, specifications, and engineer's estimate for the subject project are now complete and presented here for your consideration and approval. The work provides for seismic retrofit of the Mount Hermon Road Bridge over Zayante Creek and Bear Creek Road Bridge over the San Lorenzo River.


The Scope of Work approved by the California Department of Transportation (CALTRANS) for all of the seismic retrofit upgrades essentially only allows for sufficient strengthening of the existing structures so as to prevent their collapse in the event of a large earthquake. As a result, the complex engineering involved in modification of these structures within the parameters of the State's program required the services of a structural engineering consulting firm, Buckland and Taylor, Ltd., who prepared these plans and specifications for the County.

The engineer's estimate for the retrofit of these two bridges is \$30 1,190, including contingencies. Sufficient funding for the projects was included in the approved 1998/99 Road Budget from the Federal Highway Bridge Replacement and Rehabilitation (HBRR) Program and CALTRANS. This work, as with all those bridges retrofitted under this state and federal seismic retrofit program, is funded 100 percent, including overhead.

It is therefore recommended that the Board of Supervisors take the following action:

1. Approve the plans, specifications, and engineer's estimate and authorize calling for bids for the Mount Hermon Road Bridge and Bear Creek Road Bridge seismic retrofit project.
2. Set the bid opening for 10:45 A.M. on June 8, 1999.
3. Direct the Clerk of the Board to advertise a Notice to Contractors for a fifteen-day period beginning May 2, 1999, in accordance with the provisions of Public Contract Code Section 20392.

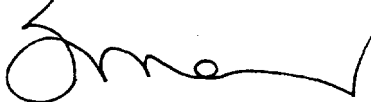
Yours truly,


JOHN A. FANTHAM *BY T.B.*
Director of Public Works

WBW:mg

Attachments

RECOMMENDED FOR APPROVAL:



County Administrative Officer

copy to: Public Works

MTHM