



# County of Santa Cruz

## DEPARTMENT OF PUBLIC WORKS

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 95060  
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THOMAS L. BOLICH  
DIRECTOR OF PUBLIC WORKS

**APPROVED AND FILED  
BOARD OF SUPERVISORS**

DATE: 3/27/01

COUNTY OF SANTA CRUZ

SUSAN A. MAURIELLO

EX-OFFICIO CLERK OF THE BOARD

BY

*[Signature]*  
DEPUTY

AGENDA: MARCH 27, 2001

March 15, 2001

### SANTA CRUZ COUNTY BOARD OF SUPERVISORS

701 Ocean Street  
Santa Cruz, California 95060

SUBJECT: SWANTON ROAD BRIDGE, P.M. 4.0, STATE NO. 36C-0018  
FOREST HILL DRIVE BRIDGE OVER BEAR CREEK, P.M. 0.2  
STATE NO. 36C-0134  
EAST ZAYANTE ROAD BRIDGE, P.M. 3.2, STATE NO. 36C-0142  
EAST ZAYANTE ROAD BRIDGE, P.M. 3.7, STATE NO. 36C-0 143  
SEISMIC RETROFIT PROGRAM, NO. BRLOZB-5936 (052)

#### 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 Swanton Road Bridge at P.M. 4.0, Forest Hill Drive Bridge at P.M. 0.2, and East Zayante Road Bridges at P.M. 3.2 and P.M. 3.7.

The scope of work approved by the California Department of Transportation (CALTRANS) for all of the seismic retrofit upgrades allows for strengthening of the existing structures so as to prevent their collapse in the event of a large earthquake. As a result, the complex engineering work involved in modification of these bridges within the parameters of the state's program required the services of a structural engineering consulting firm for the preparation of the plans and specifications for the County.

The engineer's estimate for the retrofit of these four bridges is \$244,275.00, not including contingencies or administration costs. Sufficient funding for the projects is available in the 2000/2001 Road Budget through the Federal Highway Bridge Replacement and Rehabilitation Program and CALTRANS. This work, as with all those bridges retrofitted under this state and federal seismic retrofit program, is 100 percent funded, including administration costs.

## SANTA CRUZ COUNTY BOARD OF SUPERVISORS

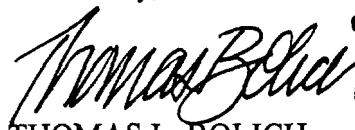
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It is therefore recommended that the Board of Supervisors take the following action:

1. Approve the plans, specifications, and engineer's estimate and authorize calling for bids.
2. Set the bid opening for 10:45 A.M. on April 24, 2001.
3. Direct the Clerk of the Board to advertise a Notice to Contractors for a fifteen-day period beginning March 31, 2001, in accordance with the provisions of Public Contract Code Section 20392.

Yours truly,



THOMAS L. BOLICH  
Director of Public Works

CIV:mg

Attachments

RECOMMENDED FOR APPROVAL:

  
County Administrative Officer

copy to: Public Works  
Bill Tyler, CALTRANS