



# County of Santa Cruz

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## DEPARTMENT OF PUBLIC WORKS

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 95060  
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JOHN A. FANTHAM  
DIRECTOR OF PUBLIC WORKS

### APPROVED AND FILED BOARD OF SUPERVISORS

DATE: 3/23/99  
COUNTY OF SANTA CRUZ

AGENDA: MARCH 23, 1999

SUZAN A. MAURIELLO

EX-OFFICIO CLERK OF THE BOARD

March 15, 1999

BY Suzan A. Mauriello DEPUTY

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

SUBJECT: CONFERENCE DRIVE BRIDGE SEISMIC RETROFIT (NO.3 6C-003 8),  
CLEANING AND PAINTING, FEDERAL PROJECT NO. STPLZ-5936 (020)  
AND NO. STPLP-5936 (010)

#### 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 Conference Drive Bridge and for the cleaning and painting of the steel structural members of the bridge.


The seismic retrofit portion of this project, as presented, is limited in scope. The strategy approved by the California Department of Transportation for this seismic retrofit upgrade essentially only allows for enough additional bracing of the existing structure to prevent its collapse in the event of a large earthquake. As a result, the engineering of this 550-foot long structure (average height of 40-foot) was quite complex and required the services of a structural consultant. In addition to the seismic retrofit upgrade work, funding has also been made available for the cleaning and painting of the steel structure, which will be done as part of this project.

The engineer's estimate for this combined work is \$939,286 (\$507,877 for seismic upgrade and \$43 1,409 for cleaning and painting), including contingencies. Sufficient funding for the project was included in the approved 1998/99 Road Program primarily from the Federal Highway Bridge Replacement and Rehabilitation (HBRR) Program. The seismic retrofit portion of the project is funded 100 percent by HBRR, while the cleaning and painting portion of this project is funded at 88.53 percent by HBRR, with a local match of 11.47 percent. The local match share for the project is made available using County road funds (gas tax) and State Exchange revenue.

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 27, 1999.
3. Direct the Clerk of the Board to advertise a Notice to Contractors for a fifteen-day period beginning March 28, 1999, in accordance with the provisions of Public Contract Code Section 20392.

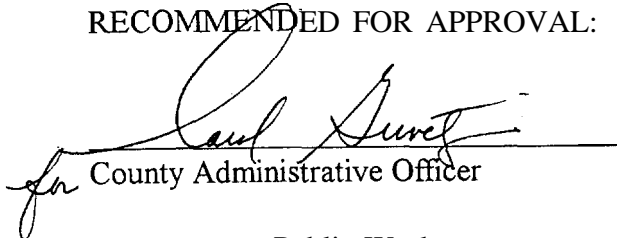
Yours truly,

  
JOHN A. FANTHAM  
Director of Public Works

PTJ:mg

Attachments

RECOMMENDED FOR APPROVAL:

  
County Administrative Officer

copy to: Public Works

CONFM