



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: Public Works
Department No.: 054
For Agenda Of: April 21, 2009
Placement: Administrative
Estimated Tme:
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Supervisors
FROM: Department Director Scott D. McGolpin, Public Works Director 568-3010
Contact Info: Dacé B. Morgan, Deputy Director-Transportation 568-3064
SUBJECT: **Seismic Retrofit of the Jalama Road Bridge (No. 51C-016) at Ramajal Creek,
Third Supervisorial District, County Project No. 862277**

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Other Concurrence: Purchasing, Risk Management

As to form: Yes

Recommended Actions:

That the Board of Supervisors:

- A. Authorize the Purchasing Agent to amend Contract No. CN07116 with Boyle Engineering Corporation (not a local vendor) Ventura, California, to increase payment for design services from \$100,000, to \$124,522 for the Seismic Retrofit of the Jalama Road Bridge (No. 51C-016) at Ramajal Creek, Third Supervisorial District, County Project No. 862277;
- B. Approve the Project and the Notice of Exemption pursuant to the County's California Environmental Quality Act (CEQA) guidelines for the Seismic Retrofit of the Jalama Road Bridge (No. 51C-016) at Ramajal Creek, County Project No. 862277;
- C. Authorize the Director of Public Works to proceed with right-of-way negotiations for the Seismic Retrofit of the Jalama Road Bridge (No. 51C-016) at Ramajal Creek Project, County Project No. 862277; and
- D. Authorize the Director of Public Works to advertise for construction bids for the Seismic Retrofit of the Jalama Road Bridge (No. 51C-016) at Ramajal Creek Project, County Project No. 862277.

Summary Text:

This seismic retrofit project is located on Jalama Road approximately 7.7 miles west of Highway 1 in the unincorporated area of Santa Barbara County, south of the City of Lompoc.

The proposed project consists of seismically retrofitting Bridge No. 51C-016 by installing four 48” diameter cast-in-drill-hole (CIDH) piles, four pile caps and replacing existing steel cross bracing. All of the proposed work will be performed within the footprint of the existing structure.

Installation of the new pilings and pile caps will require that one lane of Jalama Road be closed from approximately 200 feet east to 400 feet west of the structure to provide the necessary working area for the construction equipment. Traffic will be controlled by a temporary traffic signal at each end of the project. Public Works has contacted the adjacent property owners and County Parks to inform them of the minimal traffic delay and lane restriction. Prior to the start of construction, Public Works will mail out informational flyers to the residents along Jalama Road.



Preliminary Subsurface Geotechnical Investigation at Jalama Rd. Bridge
(Looking east towards Highway 1)

Boyle Engineering was selected from the Department’s Master Service Agreement (MSA) list to prepare the seismic retrofit portion of the plans and specifications. However, there has been an unexpected increase in Boyle Engineering’s Scope of Work due to a change in the retrofit strategy that was needed once the preliminary subsurface investigation was completed. The results of the investigation were unanticipated and led to higher level of effort by the design consultant. Additional consideration was given to modify the original retrofit strategy in order to maintain ease of construction and to keep at least one lane of traffic open at all times. Lastly, in order to minimize the fire hazard exposure and specialty field inspection costs during construction, bolted connections were chosen to replace field welding

originally called out. This minimally increased the design effort while saving on the field inspections costs and exposure to hazards associated with field welding during the fire season. These changes in Scope resulted in a higher cost for Boyle Engineering to complete the design.

Pursuant to Government Code Section 25502.5 and County Code Section 2.42, the Purchasing Agent is only authorized to sign Service Contracts up to \$100,000. Therefore, it is requested that your Board authorize the Purchasing Agent to amend Contract No. CN07116 based on a revised scope of work from the vendor, for an amount not to exceed \$124,522.

Pursuant to the County’s CEQA guidelines, the project has been determined to be exempt from further environmental review. Approval of the Notice of Exemption shall indicate the Board of Supervisors’ approval of the project and will commence the appeal period, pursuant to CEQA guidelines.

Approval by the Board of Supervisors will allow the Public Works Department to proceed with right-of-way negotiations on the following parcel: APN 083-450-033. The project’s right of way needs may be addressed by a Temporary Entry Permit for the temporary power supply, which will be removed at the end of construction. At this time, no right of way acquisitions are anticipated for this project; however, the Department requests this approval as a precautionary measure in the event that the Temporary Entry Permit is inadequate and an acquisition is required.

The “Notice to Contractors” will be published prior to the date set for the opening of the bids. Sealed proposals to construct this project will be received at the front counter, Santa Barbara County Department of Public Works, County Engineering Building, 123 East Anapamu Street, Santa Barbara, California 93101, and at the North County Public Works Office, 620 West Foster Road, Santa Maria, California 93455, at a date to be determined, and will be opened publicly and read aloud.

Background:

This bridge was scheduled for a seismic retrofit based on Caltrans recommendations. Caltrans had contracted with a bridge design consultant to prepare the original retrofit plans and specifications. However, due to recent changes to the bridge seismic design codes, this project required re-engineering after the initial design was near completion.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
General Fund			
State(Prop 1B)	\$ 8,288.34		
Federal (HBP)	\$ 119,092.33		
Fees			
Other: (Measure D)	\$ 7,141.33		
Total	\$ 134,522.00	\$ -	\$ -

Narrative:

The increase in Boyle Engineering Corporation's amended contract expenditures, Contract No. CN07116, are requested to be \$124,522. Funds for this contract have been budgeted in Fund 0017, Organizational Unit 0600, Program 2810, and Account 7460.

The FY 2008-09 Right of Way costs are estimated to be \$10,000. Funds needed for this Fiscal Year expenditures have been budgeted in Fund 0017, Organizational Unit 0600, Program 2810, Account 7460.

Funding for all phases of this project will come from the Federal Highway Bridge Program (HBP); a Federal program administered by Caltrans, which will reimburse on an 88.53% basis. The remaining 11.47% for the Preliminary Engineering and Environmental phases are provided by Measure D and Proposition 1B (Local Streets and Roads). Proposition 1B (Seismic) is expected to provide the remaining 11.47% for the Right of Way and Construction Phases.

To preserve the competitive bidding process for Public Contracts, the construction funding amount will be disclosed after bids are opened and the Department approaches your Board for the award of a construction contract. The funds have been budgeted in Dept. 054, Fund 0017, Org. 0600, Program 2810, Account 7510.

Staffing Impacts:

Legal Positions:

None

FTEs:

None

Special Instructions:

Please forward certified, stamped copies of the Minute Order approving this recommendation to:

1. Public Works Department, Transportation Division, Engineering Section, Attn: Beverly Cross
2. Public Works Department, Transportation Division, Accounting Section, Attn: Donna Manuel
3. General Services Department, Purchasing Division, Attn: John McMillin

Please post a copy of the CEQA Notice of Exemptions with the County Clerk of the Board after project approval; such notice is to remain posted for 35 days.

Attachments:

Attachment A: CEQA Notice of Exemption

Attachment B: Proposal for the Seismic retrofit of the Jalama Road Bridge (No. 51C-016) at Ramajal Creek, Project No. 862277

Authored by:

Ron Bensel, Civil Engineer, 568-3311

Chris Sneddon Engineering Manager, 568-3047