



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: June 19, 2012
Placement: Administrative
Estimated Tme: N/A
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Supervisors

FROM: Department Director Scott D. McGolpin, Department of Public Works, x3010
Contact Info: Eric Pearson, Interim Deputy Director, Transportation, x3064

SUBJECT: **Seismic Retrofit of the Hollister Avenue Underpass (Bridge No. 51C-018) at Union Pacific Railroad, Second District, County Project No. 862279**

County Counsel Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Recommended Actions:

That the Board of Supervisors:

- A. Approve plans and specifications for the Seismic Retrofit of the Hollister Avenue Underpass (Bridge No. 51C-018) at Union Pacific Railroad, Second Supervisorial District, County Project No. 862279;
- B. Award the construction contract in the amount of \$949,797.29 to the lowest responsible bidder, Souza Engineering Contracting, Inc., P.O. Box 3810 San Luis Obispo, CA 93403-3810 subject to the provision of documents and certifications, as set forth in the plans and specifications applicable to the project, as required under California Law;
- C. Authorize the chair to execute the construction contract upon return of the Contractor's executed contract documents, and the review and approval of the County Counsel, Auditor-Controller and Risk Manager or their authorized representatives;
- D. Approve contingency fund in the amount of \$59,989.86 for the Seismic Retrofit of the Hollister Avenue Underpass (Bridge No. 51C-018) at Union Pacific Railroad, Second Supervisorial District, County Project No. 862279;
- E. Find that the proposed actions are administrative activities that do not constitute a "Project" within the meaning of CEQA, pursuant to 14 CCR 15378(b)(2), that the proposed actions are therefore exempt from CEQA; and
- F. Approve the filing of Notice of Exemption and all further administrative activities, including the Statement of Final Quantities, on that basis.

Summary Text:

On Thursday, April 26, 2012, five (5) bids were opened for the Seismic Retrofit of the Hollister Avenue Underpass (Bridge No. 51C-018) at Union Pacific Railroad, Second Supervisorial District, County Project No. 862279. Souza Engineering Contracting, Inc. submitted the lowest responsible bid in the amount of \$949,797.29, which is 12.8% above the Engineer's Estimate. The Department has performed an analysis of the bids received, which showed that the low and second low bidders were within 17% of each other.

This project was bid in accordance with the Public Contract Code, which requires the award to the lowest responsible bidder. Analysis of bids indicates that unit costs are higher than for comparable work in less challenging construction areas. This is likely due to several factors, including its proximity to Union Pacific Railroad, adjacent structures, underground utilities, and a signalized intersection at Modoc Road. These factors require significant traffic control, railroad flagging and coordination, public notification, information signs, and complex schedule coordination. The Department determined the low bid is responsible and reasonable, and recommends awarding this contract to Souza Engineering Contracting, Inc.



Hollister Ave. Looking East Towards Br. No. 51C-018

Background:

This project will seismically retrofit Bridge 51C-018, the Hollister Avenue Underpass at the Union Pacific Railroad. The project is part of the State's mandatory seismic retrofit program and is designed to prevent catastrophic failure and loss of life. Under a 1931 agreement to ensure the safety of the traveling public on Hollister Avenue, the County maintains the bridge foundation and UPRR maintains the tracks. Caltrans evaluated this bridge and required that it be seismically retrofit.

The proposed project will construct two five-foot diameter cast-in-drilled-holes (CIDH) piles at opposite corners of the structure. These piles will be connected to the existing bridge with structural steel frames. This system will increase the bridge resistance to earthquake damage and protect the traveling public on Hollister Avenue. Although this bridge may eventually be replaced as part of long-term plans for the Hollister corridor, seismic retrofits are required to be completed to protect the bridge in the interim.

The project is currently scheduled to begin in July 2012 and end in December 2012, contingent upon weather. Construction staging for this project will temporarily narrow Hollister Avenue. The two stages of construction will narrow the travel lanes (vehicular and bicycle) in the immediate vicinity of the structure to one 12-foot lane

in each direction. Periodic lane closures will be required for drilling and placement of the concrete CIDH piles. Traffic will be controlled by flaggers during these tasks and motorist can anticipate 15 minute delays. In addition, signs will be posted in advance advising the use of alternate routes during these periods. The Department will notify emergency response services and will use portable, changeable message signs to notify the traveling public.

On February 1, 2011, your Board approved the filing of the CEQA Exemption, in conformance with CEQA Guidelines Section 15301(c), pertaining to minor public or private alterations in the condition of land, water, and/or vegetation. Caltrans approved this project with a Natural Environment Study-Minimal Impacts, with no impacts identified.

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			\$ 229,040.15
Federal: HBP			\$ 780,747.00
Total	\$ -	\$ -	\$ 1,009,787.15

Narrative:

Funding for the Construction phase of this project will come from the Federal Highway Bridge Program (HBP); a Federal program administered by Caltrans, which will reimburse the County 88.53% of project construction costs. Proposition 1B (Seismic) will fund the remaining 11.47% for the Construction Phase. The funds have been budgeted in Dept. 054, Fund 0017, Org. 0600, Program 2810, Account 7510.

Special Instructions:

Please forward a certified, stamped copy of the Minute Order approving these recommendations to Gena Valentine Felix in the Public Works Department Transportation Division at 123 E. Anapamu Street and to Diana Estorga in the North County Public Works office at 620 W. Foster Road in Santa Maria.

Attachments:

- 1) Draft Contract
- 2) CEQA Notice of Exemption

Authored by:

Diana Estorga, Project Manager, Public Works Department, Transportation Division, Engineering Section, 739-8763