



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

Agenda Number:

Department Name: Public Works
Department No.: 054
For Agenda Of: March 24, 2015
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, Public Works Director, 568-3010
Contact Info: Chris Sneddon, Deputy Director, Transportation 568-3064
SUBJECT: Construction of Bridge No. 51C-0371 on Jalama Road over Jalama Creek Project
(Replacing Existing Bridge No. 51C-0017); Federal Project BRLOZE-5951(072);
County Project No. 862278; Third Supervisorial District

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Recommended Actions:

That the Board of Supervisors:

- A. Approve plans and specifications for the Construction of Bridge No. 51C-0371 on Jalama Road over Jalama Creek Project (Replacing Existing Bridge No. 51C-0017); Federal Project BRLOZE-5951(072); County Project No. 862278; Third Supervisorial District, on file in the Public Works Department office;
- B. Award the construction contract in the base amount of \$3,912,012.05 to the lowest responsible bidder, Souza Construction, Inc., P.O. Box 3810, San Luis Obispo, CA 93403 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. Approve and authorize the Chair to execute the attached construction contract, which has been reviewed and approved by County Counsel, Auditor-Controller and Risk Manager, or their authorized representatives;
- D. Authorize the Director of Public Works or designee to order the performance of itemized supplemental work, as provided in the construction contract, in the amount not to exceed \$107,600.00 for the Construction of Bridge No. 51C-0371 on Jalama Road over Jalama Creek Project (Replacing Existing Bridge No. 51C-0017); Federal Project BRLOZE-5951(072); County Project No. 862278; Third Supervisorial District;
- E. Authorize the Director of Public Works or designee to approve changes or additions to the work being performed under the construction contract in an amount not to exceed \$213,480.60 for the

Construction of Bridge No. 51C-0371 on Jalama Road over Jalama Creek Project (Replacing Existing Bridge No. 51C-0017); Federal Project BRLOZE-5951(072); County Project No. 862278; Third Supervisorial District; and

- F. Find that pursuant to State CEQA Guidelines Section 15162, no substantial changes are proposed, and no new information of substantial importance has come to light regarding environmental effects of the project or of the sufficiency or feasibility of mitigation measures, and therefore the proposed actions are within the scope of the Final Mitigated Negative Declaration (14NGD-00000-00006) and Mitigation Monitoring Program adopted by the Board upon approval of the project on October 21, 2014, and that therefore no new environmental document is required.

Summary Text:

On February 19, 2015, five (5) bids were opened for the Bridge No. 51C-0371 on Jalama Road over Jalama Creek Project (Replacing Existing Bridge No. 51C-0017); Federal Project BRLOZE-5951(072); County Project No. 862278. Souza Construction, Inc. submitted the lowest responsible bid in the amount of \$3,912,012.05, which is 10.4% below the Engineer’s Estimate. The second lowest bid is 5.4% below the Engineer’s Estimate.

This project was bid in accordance with the Public Contract Code, which requires the award to the lowest responsible bidder. The Department analyzed the bids and determined the low bid is responsive and responsible. The Department recommends awarding this contract to Souza Construction, Inc.



Jalama Road Bridge No. 51C-0017 from the northeast, looking upstream

Background:

The project will replace the existing Jalama Road Bridge No. 51C-0017. The existing bridge, built in 1951, is a three-span steel "I"-girder bridge, approximately 118-feet long and 25-feet wide, carrying one traffic lane in each direction and supported by wide-flange steel columns. The new bridge will be a single-span, pre-cast concrete bulb-tee girder bridge supported on cast-in-drilled-hole piles, with a 166-foot long, 36-foot 10-inch wide superstructure, providing two 12-foot lanes, two 5-foot shoulders, and stamped concrete barrier rails with tubular steel bicycle rail elements on the deck. By constructing a longer single-span

structure, impacts to the creek bank and riparian habitat will be minimized and the additional set-back will provide additional protection against the impact of future erosion of the creek banks on the structure. The project will also include construction of a 136-foot long soldier pile retaining wall with concrete lagging to mitigate against continuing erosion of the roadway embankment from a landslide at the southeastern bridge approach.

Due to Jalama Road being the sole access to Jalama Beach County Park and the surrounding private lands and residences, the project will be constructed in stages over two construction seasons. The project will provide a single lane of one-way reversing traffic control on Jalama Road, controlled by a temporary traffic signal for the duration of the project. During daytime construction, full roadway closures with a maximum of 20-minute delays are permitted. During erection of the pre-cast concrete bulb-tee girders, the contractor is authorized to institute full roadway closure of Jalama Road for a total of 6 nights, between the hours of 10pm to 6 am, Tuesday through Thursday, to minimize impact on the traveling public. These temporary road closures will be conducted in coordination with emergency service providers, and will be opened immediately for the passage of emergency service vehicles. The Contractor will notify the neighboring residents and business owners, including Jalama Beach County Park, 10 days prior to the nighttime roadway closure periods. The Contractor will notify emergency response services and will use portable changeable message signs to notify the traveling public of the nighttime full roadway closure periods. Construction is scheduled to begin in May 2015, and end in winter of 2016.

On October 21, 2014, your Board approved the Project, Mitigated Negative Declaration (14NGD-00000-00006) and Mitigation Monitoring Program, pursuant to the California Environmental Quality Act (CEQA), and authorized the Public Works Department to advertise for construction bids.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>Total One-Time Project Cost</u>
Highway Bridge Program (HBP)	\$3,747,557
Measure A North	\$241,361
Prop 1B - Seismic	\$244,175
Total	\$4,233,093

Narrative:

The total Construction costs, including supplemental work and contingencies, amounts to \$4,233,093. The Highway Bridge Program (HBP) will fund \$3,747,557 (88.53% of participating costs); matching funds of \$485,536 (11.47% of participating funds) will be provided by Measure A North County and Proposition 1B Seismic revenues; Funds for this project are budgeted in Dept. 054, Fund 0017, Org Unit 0600, Program 2820, Department 054, Account 7510.

Key Contract Risks:

N/A

Special Instructions:

Please forward the following to Gena Valentine Felix in the Public Works Department, Transportation Admin, at extension 3064:

- A certified, stamped Minute Order approving these recommendations
- Two original executed contracts (one original contract to remain on file with the Clerk of the Board)

Attachments:

Contract for the Construction of Bridge No. 51C-0371 on Jalama Road over Jalama Creek Project (Replacing Existing Bridge No. 51C-0017); Federal Project BRLOZE-5951(072); County Project No. 862278 (3 original);

Authored by:

Christian Doolittle, P.G., C.E.G., Project Manager, 739-8777