



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: February 18, 2014
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 Ramajal 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. Authorize the Director of Public Works to proceed with right-of-way negotiations for the purchase of Temporary Construction Easements for use associated with 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;
- B. Find that the proposed action is an administrative activity of the County, which will not result in direct or indirect physical changes in the environment and is therefore not a "project" as defined for purposes of the California Environmental Quality Act (CEQA) under State CEQA Guidelines Section 15378(b)(2).

Summary Text:

The proposed replacement of existing Bridge No. 51C-0017 will require the acquisition of temporary construction easements from two adjacent parcels. Approval by the Board of Supervisors will allow the Department of Public Works to proceed with right-of-way negotiations with the property owners for properties known as APN 083-440-020 and APN 083-520-008. If consummated, the Temporary Construction Easement will grant to the County of Santa Barbara and its agents the right to enter land described in the Temporary Construction Easement and owned by by California Ocean Gardens, LLC and by Preston Parcels, LLC, to work on and and around existing Bridge No. 51C-0017. If negotiations result in the property owner agreeing to temporary property entry rights, the Public Works Department will return to your Board with a request for execution of a Real Property Purchase Contract

and Escrow Instructions. Prior to the acquisition of the Temporary Construction Easement, the Board will have an opportunity to review and consider the information contained in the Final Mitigated Negative Declaration, in advance of adoption of the CEQA findings and approval of the project. Once all research, title and survey work is complete, and the owner has executed the Temporary Construction Easement, the Public Works Department will return to your Board for acceptance of the TCE.



Existing Jalama Road Bridge No. 51C-0017 over Jalama Creek, looking upstream and to the Southwest.

Background:

The proposed project is located along Jalama Road, approximately 8.8 miles west of the intersection of Jalama Road and State Route 1. The existing Bridge No. 51C-0017, constructed 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. Previous engineering studies determined that the existing bridge is structurally obsolete and required an extensive retrofit to address significant deficiencies in seismic performance and scour protection. Due to the comparatively high cost to retrofit the existing bridge and provide for the extensive environmental mitigation, a complete bridge replacement was determined to be the appropriate strategy.

The proposed replacement bridge structure will accommodate one 12 foot travel lane and a 5 foot shoulder in each direction of travel. Including the proposed bridge barrier rails, the proposed overall bridge deck width is 36 feet, 10 inches. Due to the high degree of environmental sensitivity within the existing creek channel and surrounding environments, a multi-span bridge is not feasible. As a result, a single-span prestressed concrete bulb-tee girder bridge supported on cast-in-drilled-hole piles is proposed for this location. 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. To mitigate against continuing erosion of the roadway embankment as a result of an expanding landslide scarp at the southeastern approach to

the bridge, this project will also include the construction of a soldier pile retaining wall with concrete lagging. This proposed wall will extend approximately 136 feet from the southeastern bridge wingwall.

Construction staging for this project will provide a single lane of one-way reversible traffic control on Jalama Road, controlled by a temporary traffic signal for the duration of the project. Additionally, the project will require periodic full roadway closures with a maximum of 20 minute delays. During the erection of the pre-cast concrete bulb-tee girders, the road will require closure for up to 5 hours per girder. 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. This portion of construction is scheduled for nighttime work between the hours of midnight to 5 am, Tuesday through Thursday, to minimize impact on the travelling public. The Public Works Department will notify the neighboring residents and business owners, including Jalama Beach County Park, 10 days prior to the nighttime roadway closure periods. The Department will notify emergency response services and will use construction area signs to notify the traveling public of the period of roadway closures.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>Total One-Time Project Cost</u>
Highway Bridge Program (HBP)	\$ 70,824.00
Proposition 1B Seismic	\$ 9,176.00
Total	\$ 80,000.00

Narrative:

The Right of Way costs, including any necessary surveys, staff support work, appraisals of land value and the purchase of Temporary Construction Easements are estimated to be \$80,000.00. The Highway Bridge Program (HBP) will fund \$70,824.00 (88.53%); Proposition 1B Seismic will fund the remaining \$9,176.00 (11.47%). Funds for this project are budgeted in Department 054, Fund 0017, Organizational Unit 0600, Program 2820, Accounts 7668, 7460 and 7705.

Special Instructions:

Please forward a certified, stamped Minute Order approving these recommendations to:

- Gena Valentine- Felix in the Public Works Department, Transportation Admin, at extension 3064.
- Jeff Havlik in the Public Works Department, Real Property, at extension 3073.

Attachments:

Notice of Exemption

Authored by:

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