



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: October 21, 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 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 the Project and adopt the attached Final Mitigated Negative Declaration 14NGD-00000-00006 (Attachment 1) for the Construction of Bridge No. 51C-0371 on Jalama Road over Jalama Creek Project (Replacing Existing Bridge No. 51C-0017), certifying that the Mitigated Negative Declaration has been completed in compliance with the California Environmental Quality Act (CEQA);
- B. Certify that the Board has reviewed and considered the information contained in the attached Final Mitigated Negative Declaration 14NGD-00000-00006 (Attachment 1), and make the required CEQA Findings (Attachment 2);
- C. Pursuant to CEQA Section 15074, adopt the Mitigation Monitoring Plan included in the attached Mitigated Negative Declaration 14NGD-00000-00006 for this project; and
- D. Authorize the Director of Public Works to advertise for bids to construct 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; Third Supervisorial District.

Summary Text:

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 functionally 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. 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. 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.



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

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 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 traveling 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 signs to notify the traveling public of the period of roadway closures.

As part of the design process, the Public Works Department prepared Mitigated Negative Declaration (MND) 14NGD-00000-00006 to evaluate the environmental effects of the construction of Bridge No. 51C-0371 on Jalama Road over Jalama Creek Project. Upon approval of the environmental document and authority to advertise, the Department will proceed with advertisement of the project.

The project is scheduled to start construction in late Spring of 2015 and finish in the Fall of 2016. Public Works will publish the "Notice to Bidders" prior to the bid opening date. 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 620 Foster Road, Santa Maria, CA 93455, at a date to be determined, and will be opened publicly and read aloud.

Background:

The existing bridge is eligible for replacement under the Federal Highway Administration's, Highway Bridge Program and would be replaced in cooperation with the California Department of Transportation (Caltrans).

Pursuant to CEQA requirements, the Public Works Department, acting as the lead agency, prepared 14NGD-00000-00006 to evaluate potential environmental impacts of the proposed bridge replacement project. Potentially significant impacts in the areas of Biological Resources, Cultural Resources, Water Quality, Noise, Fire Protection, Hazardous Materials will be reduced to less than significant with mitigation. To mitigate potential significant impacts, the Department will implement an Erosion and Sedimentation Control Plan, Fugitive Dust Emission Control Plan, Water Pollution Control Plan, pre-construction biological surveys, environmental monitoring during construction, and post construction restoration. The new structure will clear span Jalama Creek to avoid sensitive habitat and wetland areas. By leaving the existing concrete pier walls intact and avoiding impacts to the creek habitat area, the proposed design is the environmentally preferred alternative. With the implementation of these and other measures included in 14NGD-00000-00006, residual impacts would be less than significant.

On July 25, 2014, the Draft Mitigated Negative Declaration was released for a 30-day public comment period. The public comment period concluded on August 25, 2014. There were no public comments received during the public review period of the Mitigated Negative Declaration.

Fiscal and Facilities Impacts:

Budgeted: Yes

Narrative:

The Federal Highway Bridge Program (HBP) will fund 88.53% of construction costs. Proposition 1B Seismic and Measure A North will provide the remaining 11.47% for the construction phase of the project. Funds have been budgeted for FY 2014/2015 and FY 2015/2016 in Dept. 054, Fund 0017, Org. 0600, Program 2820, Account 7510.

Special Instructions:

Please forward a certified, stamped Minute Order approving these recommendations to Gena Valentine-Felix in the Public Works Department, Transportation Administration, at extension 3064.

Attachments:

1. Proposed Final MND (14NGD-00000-00006) (Attachment 1)
2. CEQA Findings (Attachment 2)

Authored by:

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