



COUNTY OF HUMBOLDT

AGENDA ITEM NO.

C-26

For the meeting of January 3, 2017

Date: December 9, 2016

To: Board of Supervisors

From: Thomas K. Mattson, Director of Public Works

Subject: **RED CAP ROAD (8Q100) BRIDGE REPLACEMENT OVER BIG ROCK GULCH (4C-259) AT POST MILE 0.30; PROJECT NO.: BRLO 5904 (113); CONTRACT NO.: 594021**

RECOMMENDATION(S):

That the Board of Supervisors:

1. Approve the plans and specifications for the Red Cap Road Bridge Replacement Over Big Rock Gulch at P.M. 0.30 Project.
2. Direct the Clerk of the Board to advertise the above-mentioned project as required by Section 22037 of the California Public Contract Code with bids to be opened on February 21, 2017 at 2:00 p.m.

SOURCE OF FUNDING:

Road Fund-Federal Highway Administration Highway Bridge Program (HBP) and the Toll Credit Bridge Replacement Fund

Prepared by Jeffrey A. Ball

CAO Approval

Karen Clower

REVIEW:

Auditor _____ County Counsel *Sm* Human Resources _____ Other _____

TYPE OF ITEM:

☒ Consent
☐ Departmental
☐ Public Hearing
☐ Other _____

PREVIOUS ACTION/REFERRAL:

Board Order No. C-15

Meeting of: February 23, 2016

BOARD OF SUPERVISORS, COUNTY OF HUMBOLDT

Upon motion of Supervisor *Sundberg* Seconded by Supervisor *Fennell*

Ayes *Sundberg, Fennell, Bass, Bohn, Wilson*
Nays _____
Abstain _____
Absent _____

and carried by those members present, the Board hereby approves the recommended action contained in this Board report.

Dated: *Jan. 3, 2017*

By: *Kathy Hayes*
Kathy Hayes, Clerk of the Board

DISCUSSION:

The Red Cap Road Bridge is a thirty-two (32) foot long, single-span, steel girder bridge with precast deck panels. The bridge was originally constructed in 1934 and modified in 1974. It is located on Red Cap Road, approximately three tenths (0.30) of a mile south of Highway 96, near Orleans, California. Red Cap Road provides access across Big Rock Gulch to residential neighborhoods, farms and Forest Service land. The existing steel girders are in poor condition, the bridge abutments are undermined and the bridge railing is sub-standard. The bridge became eligible for replacement on April 21, 2010, as indicated in the California Department of Transportation's bridge inspection report.

On November 13, 2012, the Board of Supervisors executed the design and project development contract with Drake Haglan and Associates to develop plans and specifications for bridge replacement. The project has progressed through environmental approval, design of plans and specifications, estimate development, right of way certification, and Federal Highway Administration's authorization to proceed with construction on July 26, 2016.

The Department of Public Works recommends that the Board of Supervisors approves the attached plans and specifications, advertise the project, and proceed to construction.

FINANCIAL IMPACT:

There is no financial commitment until the project is awarded, and this project is one hundred percent (100%) funded. The Federal Highway Administration Highway Bridge Program provides eighty-eight point fifty-three percent (88.53%) of funding and the Toll Credit Fund will cover the remaining eleven point forty-seven percent (11.47%) of the project costs. The Engineer's Estimate for the construction contract is \$1,870,000. Construction costs were included in the Fiscal Year 2016-17 Road Fund Budget.

This project conforms to the Board of Supervisors' Core Role of providing for and maintaining infrastructure as identified in the Board's Strategic Framework.

OTHER AGENCY INVOLVEMENT:

California Department of Transportation
Federal Highway Administration

ALTERNATIVES TO STAFF RECOMMENDATIONS:

Not approve the project; however, staff does not recommend this alternative as this project will replace an existing structurally deficient and functionally obsolete bridge with a new bridge that will serve the current and future needs of the Orleans community.

ATTACHMENT:

Plans and Specifications for the Red Cap Road Bridge Replacement Over Big Rock Gulch at PM 0.30