




COUNTY OF HUMBOLDT

AGENDA ITEM NO.
C-10

For the meeting of: April 3, 2012

Date: March 19, 2012

To: Board of Supervisors

From:  Thomas K. Mattson, Public Works Director

Subject: **CONTRACT FOR DESIGN ENGINEERING AND PROJECT DEVELOPMENT FOR PINE HILL ROAD BRIDGE (04C-0173) OVER SWAIN SLOUGH**

RECOMMENDATION(S): That the Board of Supervisors execute the contract for design and project development services for construction of a new bridge on Pine Hill Road over Swain Slough.

SOURCE OF FUNDING: Road Fund - Federal Highways Administration Highway Bridge Program (HBP) and The Toll Credit Bridge Replacement Fund.

DISCUSSION: The Swain Slough Bridge is a 63-foot, three-span structure with a concrete deck on timber stringers. The bridge, constructed in 1955, is located on Pine Hill Road approximately 0.2 miles east of Elk River Road just south of Eureka, CA. Pine Hill Road provides access across Swain Slough to residential neighborhoods and connects to Herrick Street, a major arterial out of southern Eureka. The existing timber stringers are in poor condition as are the concrete support columns and the bridge has been categorized as both Structurally Deficient and Functionally Obsolete.

As a Transportation Equity Act for the 21st Century (TEA-21) bridge project eligible to receive toll credit funds dedicated to the Bridge Program, this project is funded at 100% of eligible costs through HBP for the environmental, design, right-of-way and construction phases.

Prepared by Chris Whitworth CAO Approval Phillip Smith Hayes

REVIEW: Auditor _____ County Counsel JBB Personnel _____ Risk Manager AN Other _____

TYPE OF ITEM:
 Consent
 Departmental
 Public Hearing
 Other _____

BOARD OF SUPERVISORS, COUNTY OF HUMBOLDT
Upon motion of Supervisor Cleodener
Seconded by Supervisor Lovelace
And unanimously carried by those members present,
The Board hereby adopts the recommended action
Contained in this report.

PREVIOUS ACTION/REFERRAL:

Board Order No. _____

Dated: April 3, 2012
Kathy Hayes, Clerk of the Board

Meeting of: _____

By: Tracy Demico

The use of toll credit, first established in Section 1044 of the Intermodal Surface Transportation Efficiency Act (ISTEA), permitted the use of certain *toll* revenue expenditures as a *credit* toward the non-Federal matching share of all programs authorized by ISTEA and Title 23, thus the term "Toll Credit". Section 1111(c) of TEA-21 incorporated into 23 United States Code (USC) 120(j), toll credit provisions initially set forth in ISTEA. This provision allows the federal obligation to be increased up to 100 percent of project costs to the extent that credits are available.

The purpose of this bridge replacement project is to provide a road crossing that meets current highway design standards and accommodates local and regional transportation needs.

Design of a replacement structure will require environmental studies, geotechnical site investigations, a structural alternative analysis and the development of plans and specifications.

The Department of Public Works reviewed the time and expertise needed for this work and determined a need for outside services. Based on this recommendation the Board of Supervisors issued a Request for Proposals in December 2011. Six proposals were received and reviewed. After scoring and interviewing, Quincy Engineering, Inc. was selected. The Department of Public Works is forwarding a contract to the Board with this consultant, as selected through the proposal process.

FINANCIAL IMPACT: This project is funded through the Federal Highways Bridge Program and the Toll Credits Bridge Replacement Program. This combined funding provides 100% of the cost for this bridge replacement.

OTHER AGENCY INVOLVEMENT: California Department of Transportation, Federal Highways Administration

ALTERNATIVES TO STAFF RECOMMENDATIONS: Board may choose to not proceed with the design of the project at this time.

ATTACHMENTS:

CONTRACT FOR DESIGN ENGINEERING AND PROJECT DEVELOPMENT FOR PINE HILL ROAD BRIDGE (04C-173) OVER SWAIN SLOUGH.

cc: Business
Design