



A Tradition of Stewardship
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Agenda Date: 11/25/2014

Agenda Placement: 6L

NAPA COUNTY BOARD OF SUPERVISORS

Board Agenda Letter

TO: Board of Supervisors

FROM: Steven Lederer - Director of Public Works
Public Works

REPORT BY: MALLIKA RAMACHANDRAN, ENGINEERING SUPERVISOR - 259-8194

SUBJECT: Oakville Bridge Replacement Project, RDS 05-05 - Approval of Plans and Specifications

RECOMMENDATION

Director of Public Works requests approval of plans and specifications for the "Oakville Crossroad Bridge Replacement Project," RDS 05-05, authorization to advertise for sealed bids and opening of the bids at a time, date and location to be published by the Director of Public Works pursuant to Section 20150.8 of the Public Contract Code.

EXECUTIVE SUMMARY

The Oakville Crossroad Bridge Replacement Project will demolish the existing bridge and construct a two span, 120 foot in length and 32'-8" wide reinforced concrete box-girder bridge. Project elements include modifying the approach roadway, utility relocation, roughened channel, rock slope protection and riparian restoration.

Plans and specifications for this project are complete and ready for Board approval and will be advertised contingent upon receiving authorization to proceed with construction from the California Department of Transportation (Caltrans).

The request for authorization to proceed with construction was submitted to Caltrans on October 28, 2014. The project cannot be advertised for bids until Caltrans issues the authorization to proceed with construction (E76) which is anticipated at end of December 2014.

Time is of the essence on this project and several critical path items and long lead time items must be implemented by March 2015 for construction to commence in June 2015. Ideally the construction contract must be awarded in January 2015 to initiate the critical path items such as pre-construction surveys

(environmental monitoring), review and approval of dewatering and fish relocation plan by resource agencies, shop drawing and fabrications, etc.

FISCAL IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	Roads Department Capital Improvements CIP Budget - Fund 2040 - Subdivision 20405-00 - Program 97001
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	If not approved, the proposed bridge replacement project will not be completed and the Oakville Bridge will continue to deteriorate, ultimately making Oakville Crossroad unsafe and eventually impassible.
Is the general fund affected?	No
Future fiscal impact:	The project is affected by various permitting conditions, primarily regarding habitat preservation of indigenous sensitive species. Due to this complexity, construction is expected to take two fiscal years to complete. Construction is expected to commence in Fiscal Year 2014-2015 and anticipated to be completed in Fiscal Year 2015-2016. Future expenditures will be limited to routine maintenance as is currently performed.
Consequences if not approved:	If not approved, the proposed bridge replacement project will not be completed and the Oakville Bridge will continue to deteriorate, ultimately making Oakville Crossroad unsafe and eventually impassible.
Additional Information:	The Oakville Crossroad Bridge project is funded by the Highway Bridge program (HBP), Toll Credits and Roads funds and the procedures outlined in the Caltrans Local Assistance Procedures Manual must be followed for advertisement and award of the project.

ENVIRONMENTAL IMPACT

A Mitigated Negative Declaration has been prepared and the Notice of Determination filed for the construction of this project. Implementation of mitigation measures will reduce potential impact to less than significant in the following areas: Air Quality, Biological Resources, Cultural Resources, Noise, Transportation/Traffic, and Mandatory Findings of Significance. This project is not on any of the lists of hazardous waste sites enumerated under Government code section 65962.5. A Categorical Exclusion was also completed for NEPA clearance by Caltrans.

BACKGROUND AND DISCUSSION

Design for the replacement of the Oakville Crossroad Bridge began in May 1996, and has progressed slowly due to various unanticipated environmental issues. The project is in the 100% Plans, Specifications and Estimate (PS&E) phase. The Oakville Crossroad Bridge Replacement Project will demolish the existing bridge

and construct a two span, 120 foot in length and 32'-8" wide reinforced concrete box-girder bridge. Project elements include modifying the approach roadway, utility relocation, roughened channel, rock slope protection and riparian restoration.

The project is covered under the following permits: California Department of Fish and Wildlife, Army Corps of Engineers and Regional Water Quality Control Board.

Plans and specifications for this project are complete and ready for Board approval and will be advertised contingent upon receiving authorization to proceed with construction from the California Department of Transportation (Caltrans). The request for authorization to proceed with construction was submitted to Caltrans on October 28, 2014. The project cannot be advertised for call of bids until Caltrans issues the authorization to proceed with construction (E76) which is anticipated at end of December 2014.

Time is of the essence on this project and several critical path items and long lead time items must be implemented by March 2015 for construction to commence in June 2015. Ideally the construction contract must be awarded in January 2015 to initiate the critical path items such as pre-construction surveys (environmental monitoring), review and approval of dewatering and fish relocation plan by resource agencies, shop drawing and fabrications, etc. The construction is anticipated to begin in the spring of 2015 to be completed in the fall of 2016. The project is anticipated to be built in two stages over two construction seasons in order to maintain one lane of traffic at all times.

The Oakville Crossroad Bridge project is funded by the Highway Bridge program (HBP), Toll Credits and Roads funds and the procedures outlined in the Caltrans Local Assistance Procedures Manual must be followed for advertisement and award of the project.

SUPPORTING DOCUMENTS

None

CEO Recommendation: Approve

Reviewed By: Molly Rattigan