

FACT SHEET



STATE ROUTE 162

BUTTE CITY BRIDGE REPLACEMENT AT BUTTE CITY



PROJECT DESCRIPTION

The proposed project is located on State Route 162 at the Sacramento River Bridge (Br. No. 11-0017) in Glenn County near Butte City at postmile (PM) 76.7. This project proposes to replace the existing steel bridge and concrete viaduct structure spanning the Sacramento River and is funded by the State Highway Operation and Protection Program (SHOPP) funds.

PURPOSE AND NEED OF PROJECT

Purpose

Preserve and extend the useful life of the existing roadway throughout the project limits and to replace the existing Sacramento River Bridge and Viaduct (Br. No. 11-0017) to meet current design standards.

Need

The existing steel bridge was deemed seismically vulnerable due to section loss in the pilings at several piers and truss members of the bridge superstructure. Significant liquefaction potential exists within the subsurface material that supports the steel bridge and viaduct segments. In addition, the viaduct concrete girders are exhibiting signs of distress due to insufficient shear capacity. The 1948 bridge along with the 1961 lengthened viaduct segment were designed for a 50-year service life and are currently beyond their expected service lives. Within project limits the existing asphalt concrete pavement is in poor condition requiring grinding and overlay.

BACKGROUND

The existing bridge was constructed in 1948 and extended on the westerly end in 1961. The structure features a steel truss swing bridge (originally designed to allow for boat traffic), and a reinforced

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concrete viaduct totaling approximately 4,400 feet in length. In 1961, the swing feature of the bridge was disabled resulting in the current fixed steel bridge. In 2012 Caltrans conducted inspections for the entire bridge and viaduct section and subsequently found seismic capacity deficiencies.

Community Interaction

To date Caltrans has held two public information meetings:

February 16, 2016 – The main concern expressed by the locals, including emergency services personnel and community leaders, was a proposed 34 mile long detour in place for 9-18 months.

September 7, 2016 – The design team revised the alternatives based on previous feedback and presented 3 out of the 11 different alternatives considered.

ALTERNATIVES

Replace Existing Viaduct and Bridge – Alternative A2

This alternative proposes to construct a new bridge (with 12-foot lanes and 8-foot shoulders in each direction) on a parallel alignment just north of the existing alignment. The structures option consists of a cast-in-place prestressed box girder for both the viaduct and bridge. Maximum road closures of 72 hours can be expected for tie-ins to the existing roadway. Standard 12-foot lanes and 8-foot shoulders will be provided throughout the limits of the project. In Butte City, between PM 77.9 and PM 78.3, a 14-foot eastbound shoulder is proposed.

FUNDING

Support Costs:	\$22,000,000
Construction Capital Costs:	\$88,000,000

Total Project Cost: \$110,000,000

PROJECT SCHEDULE

Project Approval & Environmental Document.....	June 2019
Design Completed.....	January 2021
Advertise Project.....	March 2021
Begin Construction	June 2021
Complete Construction.....	October 2023

PROVIDING INPUT

There are three ways you can provide your input to our process. Please submit comments by April 4, 2019.

- 1) Written comments can be placed into the comment box.
- 2) Written comments can be mailed to:

Attn: Rajpreet Bihala
703 B Street
Marysville, CA 95901

- 3) Comments can be emailed to Rajpreet.Bihala@dot.ca.gov

FOR ADDITIONAL INFORMATION CONTACT

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