



Stockton Channel Viaduct Bridge Improvement Project Information

PROJECT DESCRIPTION:

The California Department of Transportation (Caltrans) proposes to replace or rehabilitate the northbound and southbound Stockton Channel Viaduct Bridges (Bridge Numbers 29-0176L and 29-0176R) in the City of Stockton on Interstate 5 from post miles 26.1 to 27.6. Caltrans proposes to replace or rehabilitate the existing bridge superstructures, including decks, girders, railings, diaphragms, and expansion joints. The project would also replace or rehabilitate the substructure, including existing abutments, wingwalls, and piers to meet current standards of the American Association of State Highway and Transportation Officials Load Resistance Factor Design.

PURPOSE & NEED:

The purpose is to ensure the long-term serviceability and structural integrity of the Stockton Channel Viaduct Bridges (29-01 76L/R) on Interstate 5 in San Joaquin County, resulting in improved traffic mobility and goods movement on this primary truck route. The project is needed because of structural deficiencies and continued bridge repairs. The bridges exhibit concrete and steel superstructure/foundation deficiencies. The deficiencies include a longstanding issue of concrete deck deterioration resulting in ongoing maintenance challenges, wide spaced girders, freckled rust forming at various locations throughout the superstructure steel elements, damaged steel bracing, and cracking in the concrete retaining walls, bents and columns. Substructure deficiencies, such as soil liquefaction potentially caused by seismic activity, are also prevalent. In addition, the current structures are not rated to accommodate permit loading, which is required for goods movement.

FUNDING SOURCE:

The project was listed in the State Highway Operations and Protection Program with funding from the Bridge Rehabilitation and Replacement program.

ESTIMATED TOTAL PROJECT COSTS:

- Alternative 1A: \$228.2 million (in 2021 dollars)
- Alternative 2: \$341.4 million (in 2021 dollars)
- Alternative 3: \$477.1 million (in 2021 dollars)

TENTATIVE PROJECT SCHEDULE:

- **Circulate Draft Environmental Document:** 02/02/2021
- **Project Approval & Environmental document:** 06/30/2021
- **Right of Way Certification*:**
 - Phase 1: 08/30/2024
 - Phase 2: 02/30/2027
- **Ready-to-list*:**
 - Phase 1: 09/30/2024
 - Phase 2: 03/30/2027
- **Approved Construction Contract*:**
 - Phase 1: 5/30/2025
 - Phase 2: 08/30/2027
- **Project Completion*:**
 - Phase 1: 08/30/2027
 - Phase 2: 11/30/2029

*Schedule is an estimate

CONTACT INFORMATION:

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For more information, please contact:

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HOW TO COMMENT:

Mail your written comments directly to:

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**PROJECT
LOCATION
MAP**

