

# DR. FINE BRIDGE REPLACEMENT PROJECT

## PROJECT OVERVIEW

The scope of this project is to replace the Dr. Fine Bridge along U.S. Highway 101 which spans the Smith River north of Crescent City in Del Norte County. The Smith River is designated as a Wild and Scenic River. Within the limits of the project, U.S. 101 is a conventional two-lane, undivided highway. The existing bridge, built in 1940, consists of two 12-foot lanes, two 1-foot non-standard shoulders, and two 21-inch maintenance walkways.

The new two-lane bridge will be built along the existing highway centerline alignment, and is designed for two 12-foot lanes, two 8-foot shoulders, and a 6-foot-wide separated pedestrian walkway.

Given the unique geology of the bridge location, the bridge structure includes the use of triple-friction pendulum bearings as part of the seismic design. Caltrans partnered with UCLA to employ seismic instrumentation on the new bridge that will have data ports which will relay instantaneous live-time bridge response to a seismic event.

The project will improve safety, movement of freight, meet current seismic and design standards, and improve accessibility for pedestrians and cyclists.

## PROJECT LOCATION



## CONSTRUCTION PLANNING

Construction is scheduled to begin in fall 2022 and be completed by 2026. This project has a 7-day work week. Working days include Saturdays and holidays.

## TRAFFIC

During construction, traffic will be routed onto a temporary detour bridge which will be constructed just east (and upstream) of the existing bridge. The speed limit will be reduced to 25 mph on the temporary bridge.

## PROJECT SCHEDULE

**Project Advertised** – March 21, 2022

**Bids Opened** – May 11, 2022

**Contract Approved** – August 2, 2022

**Begin Construction** – Fall 2022

**Total Project Cost** - \$85.6 Million

The project was awarded to MCM Construction.

## PROJECT CONTACTS

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