Project Description

The California Department of Transportation (Caltrans) proposes to upgrade bridge rails and widen or replace three bridges on State Route 36 in Humboldt County. The bridges are located at Hely Creek, Little Larabee Creek, and Butte Creek at post mile (PM) 11.46, 25.27, and 34.5, respectively. The Hely Creek Bridge and Butte Creek Bridge would be replaced, and the existing Little Larabee Creek Bridge would be widened. The purpose of the project is to upgrade bridge rails to meet current design standards and improve shoulder widths. Work would occur within the Caltrans right of way and on adjacent private and public property. Temporary construction and permanent right of way acquisition would be required. Proposed work at each bridge location is summarized below.

Hely Creek Bridge: The existing 25-foot-wide by 41-foot-long bridge would be replaced by a 36-foot wide by 75-foot long structure. Bridge lanes would be 12 feet wide, and bridge and approach shoulders would 4 feet wide. ST-70 bridge rail or similar type of see-through steel barrier would be installed along the edges of the bridge. Work would include: realignment and widening of the roadway approaches, shoulder backing, guardrail upgrades, construction of a guardrail retaining wall, creation of bioswales for stormwater treatment, new striping, pavement delineation, and new signage.

Little Larabee Creek Bridge: The existing 30.5-foot-wide by 180-foot-long bridge would be widened to a 44-foot by 180-foot structure. Bridge lanes would be 12 feet wide, and shoulders would be 8 feet wide on the bridge and 4 feet wide along the approach. ST-70 Bridge Rail, or similar type of see-through steel barrier, would be installed along the edges of the bridge. Work would include: widening of the roadway approaches, shoulder backing, guardrail upgrades, construction of 2 soldier pile retaining walls, drainage system replacement, creation of bioswales for stormwater treatment, new striping, pavement delineation, and new signage.

Butte Creek Bridge: The existing 30.5-foot-wide by 114-foot-long bridge would be replaced by a 44-foot by 137-foot structure. Bridge lanes would be 12 feet wide, and shoulders would be 8 feet wide on the bridge, and 4 feet wide along the bridge approach. ST-70 Bridge Rail, or similar type of see-through steel barrier, would be installed along the edges of the bridge. Work would include: widening of the roadway approaches, shoulder backing, guardrail upgrades, improvements to existing drainage systems, relocation of a utility pole, creation of bioswales for stormwater treatment, new striping, pavement delineation, and new signage.