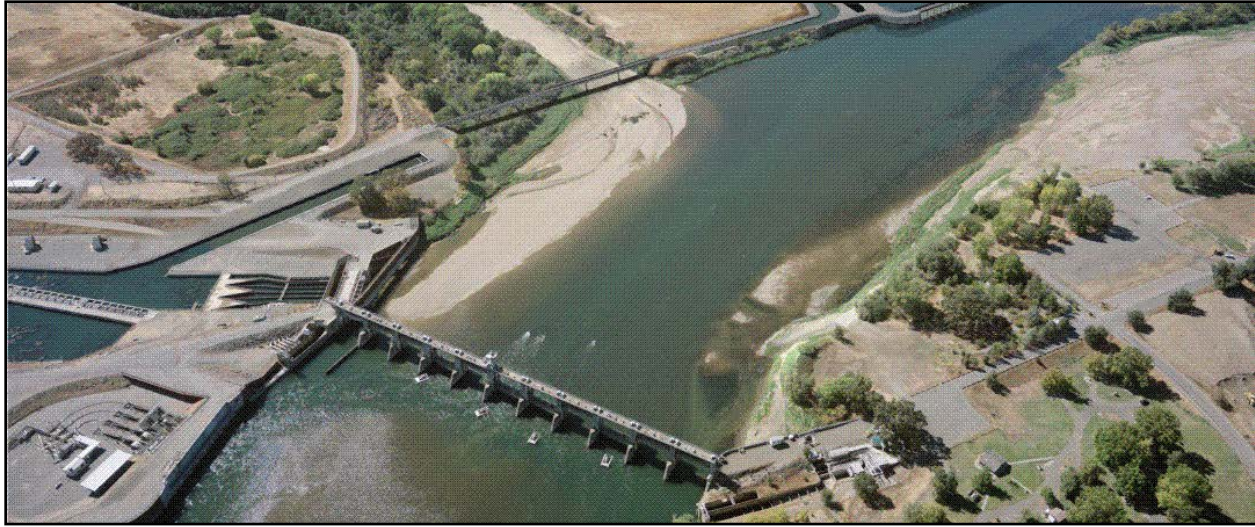


SACRAMENTO RIVER CALIFORNIA



Artist Rendering Courtesy of CH2MHill

Project Name: Red Bluff Fish Passage Improvement Project

Project Type:

- Acquisition/Easement/Protection
- Restoration (Fish Passage)
- Species Recovery (Salmon species and Green Sturgeon)

Project Description: In 1963, the Bureau of Reclamation constructed a diversion dam on the Sacramento River at Red Bluff, California, to provide water to the Tehama-Colusa Canal as part of the Central Valley Project. The dam also impeded fish passage to and from spawning habitat upstream of the dam. Historically, the Sacramento River supported large salmon runs and continues to have several salmon and sturgeon populations, including four species listed under the Endangered Species Act.

After considering various options to improve passage conditions, the Bureau of Reclamation decided to replace the function of the dam with a new pumping plant with a state-of-the-art fish exclusion screen to prevent fish injury. The project will provide unimpeded fish passage and continued delivery of water to 150,000 acres of high-value cropland, which produces over \$250 million in crops per year and contributes \$1 billion annually to the regional economy.

Lead Federal Agencies:

- Bureau of Reclamation
- U.S. Fish and Wildlife Service

Non-Federal Partners:

- Tehama-Colusa Canal Authority
- State of California

Outcomes for 2012:

- Install fish screen and achieve operational capability of pumping plant by early June, and complete key project features by October
- Construct a 25-acre side channel and complete riparian restoration