

North Cypress Bridge Project



About the Project

As part of ongoing efforts to address all stages of the fish life cycle on the Sacramento River, Glenn-Colusa Irrigation District was part of a collaborative group of local, state and federal agencies that completed a project to restore side channel rearing habitat in the Sacramento River, immediately upstream of the Cypress Avenue Bridge on the east side of the river, in Redding.

Background on the North Cypress Bridge Project

The Cypress Avenue Bridge North - Side Channel Habitat Restoration and Enhancement Project created salmonid rearing habitat by opening side channels on the Sacramento River that were closed off and had no water flowing through, which made the area uninhabitable for young salmon.

The project excavated material from an existing side channel complex to provide juvenile rearing habitat for Chinook salmon and Steelhead trout at all flow levels. Before the project, the area was disconnected from the river at lower flows and stranded juvenile fish when river flows dropped. The side channels run along a 1/3 mile stretch of the river upstream of the east end of the Cypress Avenue Bridge.

Glenn-Colusa Irrigation District worked in partnership with The Bureau of Reclamation, Western Shasta Resource Conservation District, California Department of Water Resources, and California Department of Fish and Wildlife.



In total, over 15,500 tons of rock, sand and cobble were removed from the channels, 282 small cottonwood and willow trees were planted, and 1.5 acres of land were hydroseeded.

“This project is another example of the important work being made possible by collaborative partnerships in the Sacramento Valley. Working together we are completing projects up and down the Sacramento River that address all stages of the fish life cycle, helping to improve their chances of survival.”

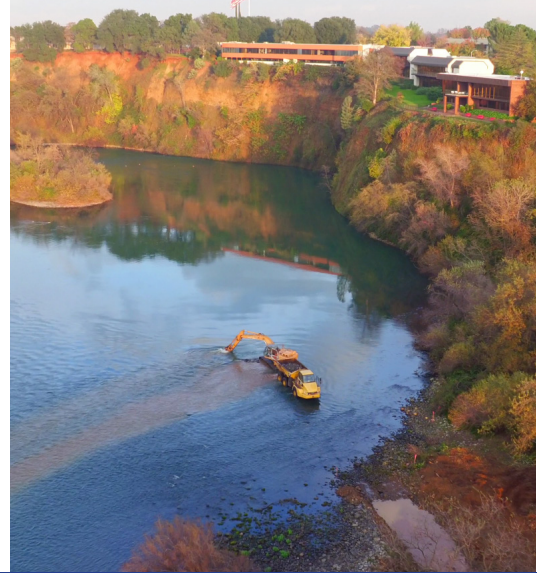
- Don Bransford, President of the GCID Board of Directors

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North Cypress Bridge Project Details

The project, which started on November 7, 2016, and officially ended on January 2, 2017, created approximately 1.5 acres of new aquatic habitat. Glenn-Colusa Irrigation District provided the equipment operators who performed the work in the channels. In addition to the channels being opened, woody material was placed in the channels to provide cover from predators for the salmon.

In total, over 15,500 tons of rock, sand and cobble were removed from the channels, 282 small cottonwood and willow trees were planted, and 1.5 acres of land were hydroseeded. The total cost of the project is estimated to be about \$400,000.



“This project continues to build on the recent successful partnerships to facilitate recovery of salmon populations in the Sacramento Valley. This completes another step in a home makeover for Sacramento River salmon.”

-John Hannon, Reclamation Fisheries Biologist

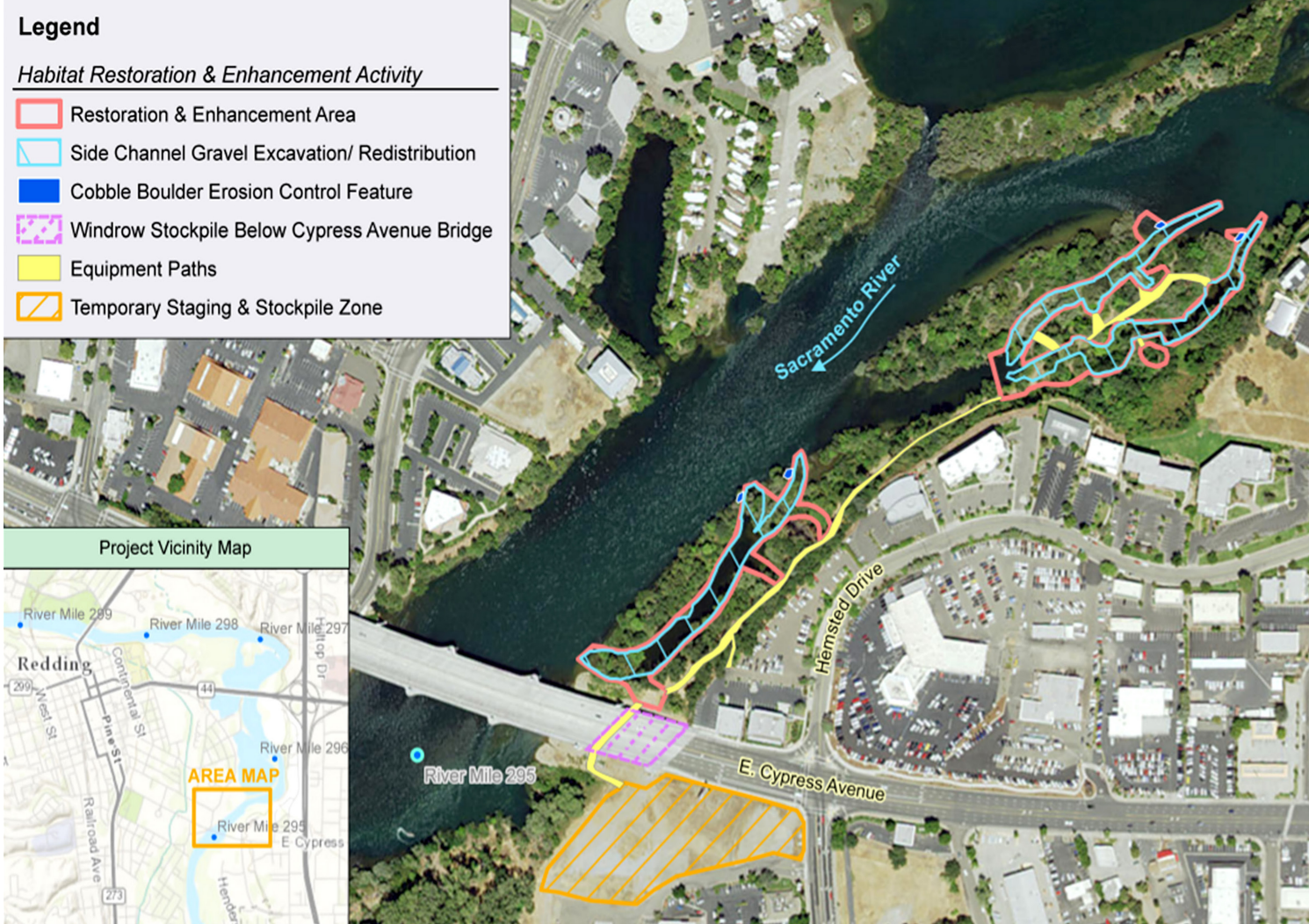


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Legend

Habitat Restoration & Enhancement Activity

- Restoration & Enhancement Area
- Side Channel Gravel Excavation/ Redistribution
- Cobble Boulder Erosion Control Feature
- Windrow Stockpile Below Cypress Avenue Bridge
- Equipment Paths
- Temporary Staging & Stockpile Zone



North Cypress Bridge Project

Before
Enhancement



After
Enhancement



For more information and to view a video and photos of the project, visit:
<http://www.gcid.net/cypress-project>