

Merrill Creek Migration Barrier Removal Project Photolog

The Migration Barrier Removal Project at Merrill Creek was completed by Siskiyou County Department of Public Works in 2002. The culvert (left) was replaced with a post-stressed concrete slab bridge. This Project was funded through the California Department of Fish and Game and County In-Kind Matching Funds. The completion of this project restored access to approximately 4 miles of habitat for coho salmon and steelhead trout. This project was identified by Ross Taylor and Associates as the 5th highest priority project in Siskiyou County.



Before



After



Bridge Layout on ground



Forming box girders at casting plant



Placing concrete in box girder forms



Construction begins by excavating for detour



Detour in place



Driving eight 70 ton H-piles, front four battered at each abutment



Forming abutments and wing walls on caps



Epoxy coated rebar in tops of wing walls



Dry batch method used for abutment pours



Setting box girders in place with two cranes



“100-year” bridge next to 12-year old culvert



Stream diversion during construction



Bridge completed!

4 New Miles of Habitat Available for Coho Salmon and Steelhead Trout