Quartz Creek Culvert Replacements (Clearwater CD)

Program	Forest Roads, Bridges, and Culverts
Lead Implementer	Clearwater Conservation District
Funders	Idaho Water Resources Board, Private Party
Project Primary Contact	Tim Roehr (clearwater.swcd@gmail.com)
Project Stage	Completed
Duration	2019

Natural Resource Projects & Practices > Forest Roads, Bridges, and Culverts

This project reduced the impacts of flooding on the Snake Creek Road, a major secondary road in Clearwater County. The Snake Creek Road provides access to private, state and federal lands managed for timber and year-round recreation. Prior to 2018, the Snake Creek Road experienced annual flooding including water over the roadway, as result of peak flows in Quartz Creek during midwinter thaw, spring run-off, and summer torrential rain storms.
This project was developed in partnership with PotlatchDeltic,.
The project replaced 21 culverts, including 4 arch pipes (49" to 81" span) and 3 open bottom culverts (72" to 114" span).

Replacement Culvert (72" open bottom arch) in Calhoun Creek
Credit: Clearwater SWCD

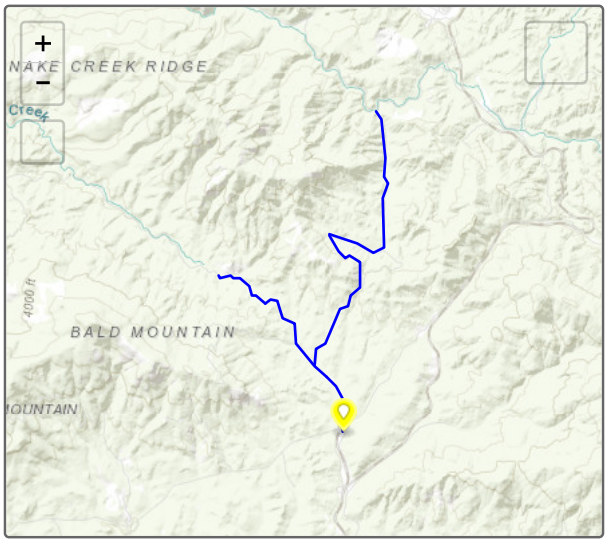
Key Accomplishments

- Fish Passage (number): **7**
- Sediment Load Reductions - Riparian: **2,000.00 tons**
- Stream Crossing (number): **21**

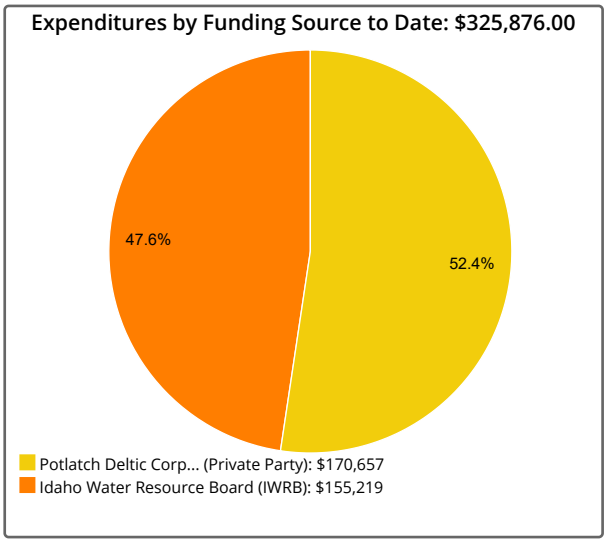
Project Themes

- Water

Location



Expenditures



Photos

Before

Old undersized 36" culvert in Calhoun Creek, a fish bearing stream
Credit: Clearwater SWCD

24" culvert in class 1 (fisheries) tributary that flooded prior to replacement
Credit: Clearwater SWCD

During

24" culvert replaced by 53" x 41" pipe arch in class 1 tributary
Credit: Clearwater SWCD

Stream substrate and rocks being placed in Quartz Creek culvert
Credit: Clearwater SWCD

After

53" x 41" pipe arch in class 1 tributary after upgrade
Credit: Clearwater SWCD

Tracker tells stories at a broad-brush level. Individual project performance measures and expenditures should not be relied upon for complete and total accuracy and should be confirmed with a project's lead implementer. Project locations subject to confidentiality provisions under state and federal law specify the location of a local conservation district or USDA service center office.

Project last updated 2/24/2021