



Resource Conservation Partnership Project



RCDIC



Rock Creek Ditch Piping



Overview

This project is located 8 miles west of Wamic Oregon. The problems to be addressed are two fold: the over allocation of water in Threemile Creek, which is the primary diversion for Rock Creek District Improvement Company, and the poor conveyance efficiency of the primary delivery canal below Rock Creek Reservoir. This project aims to address both of these issues by piping 1.76 miles to the main canal know as "A" ditch. This will pipe the water out of the canyon and into the uplands where ditch losses are significantly less.

Partnership

This was a cooperative project involving:

*Rock Creek District Improvement Company *Wasco County Soil and Water Conservation District *USDA NRCS
*Oregon Department of Fish and Wildlife *USDA USFS Barlow Ranger District *Oregon Department of
Environmental Quality *Wy'East Resource Conservation and Development

Mitigation

The piping eliminated about 1.5 acres of open water. To mitigate the impact to wildlife, Rock Creek District Improvement company provided the White River Wildlife Area with three 2" turnouts near wetland areas that would be lost with the piping. 2,000 feet of HDPE pipe supplies water to these sites. The wildlife area also received a new pressurized delivery that will replace 4 miles of open ditch that served one field on the Wildlife Area. This pipeline alone will save 270 gallons per minute.

Pat Davis discusses the project



Forming the vault



Clinton Whitten, NRCS and Stan Shephard, RCDIC inspecting



Relief valve saddle





Stan Shephard



Pressurizing



Relief Valve placement



Regulating Station



Excavating



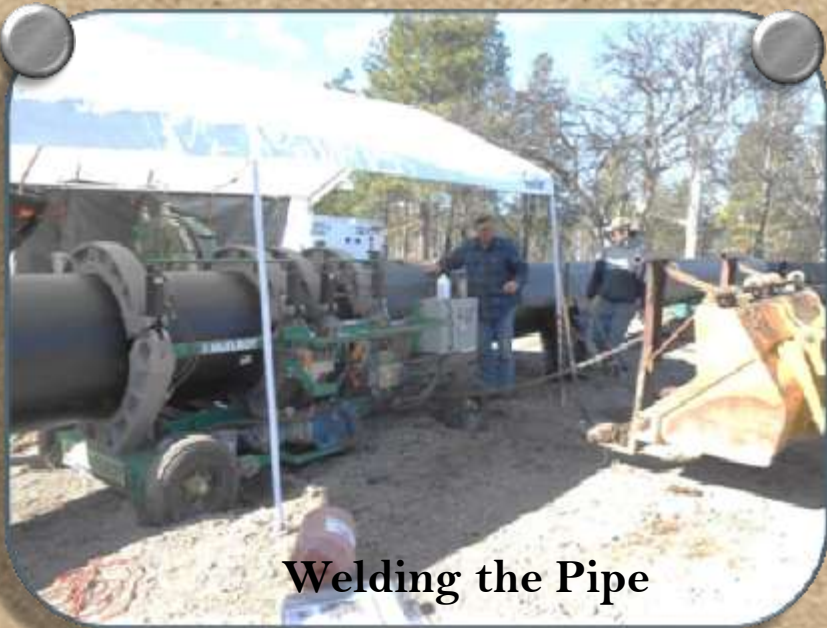
Screening & Laying the bed



Placing the Pipe



Backfilling



Welding the Pipe



Pulling the pipe



Dirt Screener for pipe bed



Backfilling the ditch & pipe