

Twenty Two Road Lateral, Inc.
TWENTY TWO LATERAL REPLACEMENT PROJECT



Project Description

The Lateral Company received a loan to replace the weathered open channel ditch known as Twenty Two Road Lateral with a buried irrigation pipeline increasing efficiency, reducing salt loading and maintenance costs, and alleviating safety concerns. The existing concrete lined lateral has been in place since 1973. Maintenance became a growing concern due to cracks and gaps in the concrete lining. Residential and industrial growth in the vicinity of the ditch increased safety concerns for pedestrian and vehicular traffic due to the Lateral being only a few feet from the edge of the roadway. The Company received \$389,942 in funding assistance from NRCS which was applied to the loan after the Project was complete. The NRCS administers the Colorado River Basin Salinity Control Program by providing construction cost sharing and technical assistance using the USDA's Environmental Quality Incentives Program (EQIP). The NRCS managed the planning, design, and field engineering services for this project.

Project Data

Sponsor: Twenty Two Road Lateral, Inc. **County:** Mesa **Water Source:** Grand Valley Irrigation Co
Terms of Loan: \$517,848 for 30 years @ 2.35% **Substantial Completion:** April 1, 2013
Amended Terms: \$117,609.02 for 30 years @ 2.35%

Design Engineer: Natural Resources Conservation Service, Grand Junction, CO

Contractor: Professional Pipeline & Concrete Inc.

Project Elements: Removal of 13,000 LF of concrete lined ditch and the installed 16,200 LF of PVC irrigation pipe (18 inch diameter) including flow meters and valves.