



## Diversion Structure Improvement Project

Rural Ditch Company  
Substantially Complete December 1, 2021



The new headgate structure and control equipment (top-left) and the boulder diversion structure (bottom-right).

### Project Description

The Rural Ditch Company (Company) was organized in 1873 to deliver water to shareholders in Weld County. Currently, the Company has 21 shareholders including farmers, commercial entities, special districts, and municipalities that use the water for agricultural irrigation, drinking water, and augmentation.

The preexisting diversion structure was damaged and undermined during the September 2013 floods, but was still operations. After the flood, the structure continued to deteriorate and was in need of repair. The project included engineering and construction work to stabilize and repair the structure. The repairs included rebuilding the rock dam with a center cutoff sheetpiles and installing a grouted boulder apron on the downstream side of the structure. Construction began in the fall of 2020 and was operational for the 2021 irrigation season. Final punchlist items were completed in fall of 2021.

P R O J E C T D A T A		
Sponsor: Rural Ditch Company	County: Weld	Water Source: Boulder Creek
Type of Project: Diversion Structure Rehabilitation	Board Approval Date: July 2020	
Loan Terms: 30 yr @ 2.70% (Original) \$813,050.00 (Final) \$662,483.35		
Design Engineer: Civil Resources, LLC.		
Contractor: Concrete Works of Colorado, Inc.		