

Garfield County School District No. 16

Brad Ray, Superintendent Todd Ellis, Assistant

Superintendent Rose H. Belden, Director of Business

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Final Report

Date: 6-2-2020

The Diamond Ditch Piping Project

Garfield County School District No. 16 replaced an open-ditch delivery system sourced from Parachute Creek, a tributary to the Colorado River, with approximately 2,000 feet of 24-inch ADS pipe. The existing open-ditch system is approximately 6,000 feet long and had been mostly piped except for the first 2,000 feet which had significant conveyance losses, estimated at 20% of diversions. These high losses through the first 2,000 feet impacted the ability of the ditch users to receive the irrigation water needed, particularly at the athletic fields at Grand Valley High School. Additionally, the ditch work in the first 2,000 feet addressed significant hazards to the ditch from sheer 30' earthen embankments looming above the ditch and undercutting the ditch embankment by Parachute Creek. The NRCS provided in-kind ditch piping and grading design for the project. The requested funds were only used for construction of the pipeline and embankment grading, including material costs and contractor fees. Garfield County School District 16 would like to thank you for everything you have done for us.

Total cost of supplies - \$58,746.85

Concrete - \$1,015.58

Total - \$59,762.43

Garfield County School District 16 - \$29,762.43

Bookcliff Mount Sopris & South Side Conservation Districts - \$5,000.00 Invoice for Water Supply

Reserve Fund (Colorado Basin Roundtable Basin Account) - \$25,000.00

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