

PARKER WATER & SANITATION DISTRICT
RIDGEGATE/RUETER-HESS WISE
INFRASTRUCTURE
PARKER, COLORADO



Project Description

This project was to help move water from the water purification facility connecting to a 54" pipeline feeding the Town of Parker. This project was one of the final phases of the project which brings drinking water from the newly built Rueter-Hess Reservoir to the Town of Parker. Rueter-Hess Reservoir, an off-stream reservoir that requires pumping surface water from nearby Cherry Creek, return flows from Parker Water and Sanitation District and other water districts. Project consisted of approximately 4.5 miles of 42-inch Welded Steel Potable Water Pipeline, 5 trenchless roadway crossings, valves and flow control structures, ammonia storage facility, and miscellaneous improvements at the Rueter-Hess Water Purification Facility. Approximately half of the project alignment was adjacent to existing residential subdivision and the other half was cross country through future developments. This project used 22,202 LF of open-cut 42" diameter steel water pipeline with an average bury depth of 12.46 feet with eight (8) 72" Air/ Vacuum Vaults, eight (8) 60" Blow-off Vaults, and 1 Control Valve Vault.

At a Glance

Contract Amount:
\$15.6 M

Notice to Proceed:
June 16, 2016

Completion Date:
January 29, 2018

Owner:
Parker Water & Sanitation District

Engineer:
CH2M Hill Engineers, Inc.