

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 is one of the final phases of the pipeline project which brings drinking water from the newly built Rueter-Hess Reservoir to the Town of Parker. Rueter-Hess Reservoir is 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 consists of approximately 4.5 miles of 42-inch Welded Steel Potable Water Pipeline, 5 trenchless roadway crossings, flow control structures, ammonia storage facility, and miscellaneous improvements at the Rueter-Hess Water Purification Facility. The south end of the project begins at the water purification facility moving north along the edge of existing subdivisions and 2,600 feet through collector streets ending just north of E-470. Approximately half of the project alignment is adjacent to existing residential subdivision and the other half is 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.

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.