

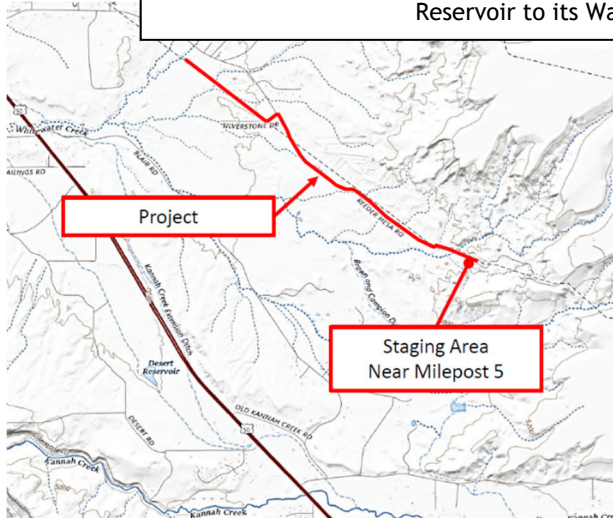


Purdy Mesa Flowline Replacement

City of Grand Junction

Substantially Complete November 1, 2025

The Purdy Mesa Flowline is a 17.5 mile pipe that connects Grand Junction's Juniata Reservoir to its Water Treatment Plant.



Project Description

The City of Grand Junction (City) provides domestic water to about 30,000 customers and the Purdy Mesa Flowline is one of its two primary raw water lines into the City's water treatment plant. The original Flowline was a 20-inch steel pipeline built in the 1940's and had reached the end of its useful life. As of 2019, eleven of the 17.5 miles of pipeline had been replaced.

Due to delays caused by COVID, the Project began in March of 2022. The remaining 6.5 miles of 20-inch steel pipe were replaced with 20-inch PVC pipe to complete the replacement of all 17.5 miles. Initially, the City had planned to include a pressure control tank in line with the pipe replacement to alleviate pressure issues along the changing topography, but cost escalations made that approach infeasible. Engineers hired by the City analyzed different approaches and determined that a Pressure Reducing Valve (PRV) could be used to achieve the desired pressure. Construction was completed in December of 2024.

P R O J E C T D A T A		
<i>Sponsor:</i> City of Grand Junction	<i>County:</i> Mesa	<i>Water Source:</i> North Fork Kannah Creek
<i>Type of Project:</i> Municipal System Rehabilitation		<i>Board Approval Date:</i> September 2020
<i>Loan Terms:</i> 20yr @ 1.50% (Original) \$7,070,000.00 (Final) \$6,344,704.33		
<i>Design Engineer:</i> JVA Incorporated		
<i>Contractor:</i> M.A. Concrete Construction, Inc.		