

PWCSA CAPITAL IMPROVEMENT PROJECT DATA SHEET

PROJECT INFORMATION

Project Name: Eastern Area Pressure Reducing Valves
CIP Number: WSUP-117
JDE Number(s): 24WFWV0101
Location: Multiple Meter Stations, Garfield BPS
Pressure Zone: WL – Woodbridge
Sewershed: BM – Belmont
Magisterial District: WB – Woodbridge
Project Estimate: Order of Magnitude
Estimate By: Engineering and Planning Division

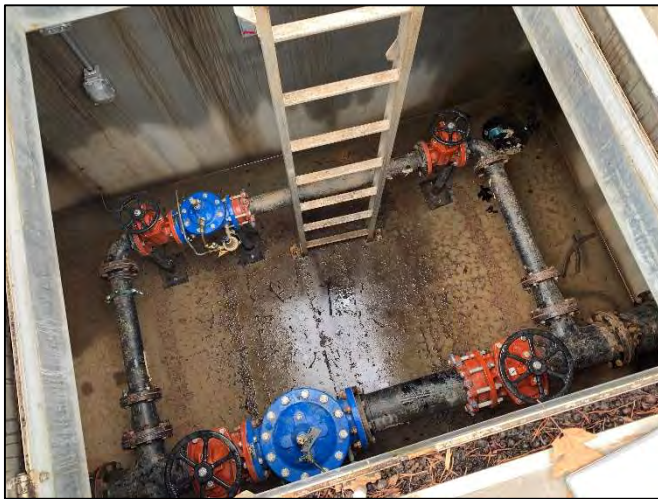
PROJECT DESCRIPTION

Project Description: Design and construction of three pressure control valves and associated piping in existing meter vaults and the Garfield Booster Pumping Station in the Woodbridge and Dumfries pressure zones. These control valves are required to regulate pressures during various pumping operations at Fairfax Water and enable the bypass of the Garfield Booster Pumping Station during normal operations.

Project Benefit: Pressure control in the Woodbridge and Dumfries pressure zones is required when Fairfax Water increases the delivery pressure in portions of the existing transmission system as part of the Occoquan River Crossing project (REG-1). These control valves will avoid over-pressurization in both pressure zones and allow the bypass of the Garfield Booster Pumping Station during normal operations to reduce pumping costs.

Source Derivation: Engineering and Planning Division; Managed by the Project Management Office.

PROJECT PICTURE



PROJECT FUNDING

PRE-FY24	FY24	FY25	FY26	FY27	FY28	POST- FY28	TOTAL
345	300	700	75	0	0	0	1420

Proposed Funding Sources	
Exp. Fund (02) – Availability Fees	-
Commit. Fund (03) – Availability Fees	-
Repl. Fund (04) – User Rates	100%
Other Contrib. – Development Contributions	-
PROJECT TOTAL	100%