

PWCSA CAPITAL IMPROVEMENT PROJECT DATA SHEET

PROJECT INFORMATION

Project Name: Dawkins Branch Transmission Main
CIP Number: WAT-115
JDE Number(s): 22WBRM0101, 24WBRM0101
Location: Edmonston Dr. to Devlin Rd. via University Blvd.
Pressure Zone: GW – Gainesville
Sewershed: BR – Broad Run
Magisterial District: BR – Brentsville
Project Estimate: PER
Estimate By: Engineering and Planning Division

PROJECT DESCRIPTION

Project Description: This project is the design and construction of a total of 6,550 feet of 30-inch water main along University Boulevard from Sudley Manor Drive to Devlin Road. The project is comprised of 2 segments: 2,400 feet of 30-inch to be constructed with the County’s University Boulevard Road Extension project from Sudley Manor Drive to Edmonston Drive; and this portion of the project which consists of 4,150 feet of 30-inch from Edmonston Drive to Devlin Road. The water main design for the County’s portion of the road project began in August 2019, and has a total estimated cost of \$1,870,000.

Project Benefit: This project will extend a major transmission main through the center of the Gainesville Pressure Zone to convey additional pump discharge from the Stonewall Jackson Booster Pumping Station. This project will increase the transmission capacity throughout the pressure zone and strengthen the supply to the Haymarket Pressure Zone.

Source Derivation: Gannett Fleming Western Zone Water Transmission Main Study, 1992.

PROJECT PICTURE



PROJECT FUNDING

PRE-FY21	FY21	FY22	FY23	FY24	FY25	POST-FY25	TOTAL
590	0	0	0	2500	1637	0	4727

Proposed Funding Sources	
Exp. Fund (02) – Availability Fees	60%
Commit. Fund (03) – Availability Fees	-
Repl. Fund (04) – User Rates	40%
Other Contrib. – Development Contributions	-
PROJECT TOTAL	100%