

Dumfries Force Main, CIP SEW-106  
Project Summary

**Project Description**

This Prince William County Service Authority project consists of the construction of a new pressurized sewer pipe (force main) to replace the existing pipe. The project begins at the Dumfries Sewer Pump Station on Canal Road. Construction will continue along the high-voltage power line easement owned by Dominion Energy Virginia. Construction will also take place along Old Stage Coach Road toward Route 1, ending at the Town of Dumfries boundary.

**Purpose of the Project:**

The replacement of the existing pressurized sewer pipe in the Dumfries Pressure Zone will improve system reliability and reduce the need for future repair and maintenance.

**Scope of Work**

All aspects of this work require excavation. The construction consists of the following:

- Installation of approximately 4,200 linear feet of 16-inch polyvinyl chloride force main.
- Installation of approximately 100 linear feet of 30-inch casing.
- Installation of approximately 600 linear feet of 6-inch ductile iron water main.
- Installation of associated valves, reducers, bends, tees and other appurtenances.
- Installation of 1 fire hydrant assembly.
- Replacement of 5 service lines and meters crocks along Canal Road.

**Project Duration**

The construction is scheduled to begin in fall 2020 and be completed by summer 2022.

**Project Cost:** \$2,987,000

**Engineer of Record:** Pascal Arcese, PE  
Michael Baker International, Inc.

**Project Manager:** M. Elena Herrera, P.E.  
Prince William County Service Authority  
703-335-8927

**Service Authority Commitments:**

- To restore property affected by SA construction to original or better condition
- To maintain road access at all times
- To maintain emergency services, trash, mail, and other services
- To continuously update website concerning project status
- To respond quickly to property owners' concerns
- To maintain daily clean-up activities (to be performed by Contractor)
- To have Service Authority Inspector and/or Project Representative on site (daily and as necessary)