

Dumfries Force Main, CIP SEW-106
Project Summary

Project Description

This 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 lines owned by Dominion Energy Virginia. Construction will also take place along Old Stage Coach toward Route 1, ending at the Town of Dumfries boundary limits.

Purpose of the Project:

The replacement of the existing pressurized sewer pipe in the Dumfries Area will improve system reliability and reduce the cost of 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 early 2021 and be completed by winter 2022.

Project Cost: \$2,987,000

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

Project Manager: Alex Silver
Prince William County Service Authority
703-335-4481

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)