Powder Mill Road
Water Main Replacement Project

(WSSC Contract No. BR5924A15)

Washington Suburban Sanitary Commission
WWW.WSSC WatERT.COM/Powdermill

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Introduction

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➢ Project Contractor – Rivers Construction Group, LTD
Replacement of Aging Infrastructure:

➢ The existing water distribution system has reached the limit of its useful service life.
  • The system was installed in the 1950’s.

➢ Benefits of this project:
  • More dependable service across the community by extending the service life of the water distribution system.
  • Reduces future Operation & Maintenance needs to deal with leaks and breaks.
  • More robust infrastructure to support emergency services needs.
Site Map:
Project Information Summary:

➢ New water mains will predominantly be installed in the same locations (paved roadway) as the existing mains.
➢ Approximately 2.74 miles of new water distribution main will be installed.
➢ Open-cut (trench) construction method for new water main installation.
   • Section of the pavement will be saw cut and excavated up-to required depth (approximately 4’).
➢ Temporary water services will be installed (as required).
➢ Water house service connections (up to property lines) will be replaced and reconnected.
➢ Other utilities such as Gas, Electric, Fiber Optics, Storm Drainage etc. will not be impacted.
➢ WSSC will be responsible for restoration of area affected by construction.
What to expect:

➢ Work schedule: 9:00 AM to 3:30 PM, Monday-Friday
➢ Construction activities may include:
  • Surveying and Utility Mark-Outs
  • Field Reviews and Inspection
  • Excavation/Water Main Installation (Heavy Construction Equipment)
➢ Reliable water service will be maintained during construction BUT expect short periods of water service shut-downs:
  • Shut-down periods up to 8-hours (maximum)
  • 48-hour advanced notification will be provided prior to service shut-downs
What to expect (Continued):

➢ No street parking will be permitted on streets with active construction activities taking place.
   • 48-hours advanced notification will be provided.
   • NO PARKING signs will be posted.
   • All roads will remain accessible at all times during construction. However, certain activities may require temporary closures and delays.
➢ Access to businesses and homes will be maintained at all times.
➢ Access into homes is NOT required.
➢ Construction signs (with contact information) will be posted throughout the project area.
➢ Tree removal (as necessary) and/or pruning is permitted by the Maryland Department of Natural Resources (MD-DNR)
Example: Typical Water Main Construction and Notification Signage
Powder Mill Road WMR
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Example: Typical Temporary Water Service Installation
Actual Construction Phasing: Phase 1: From Glenmore Drive To Cherry Hill Road
Actual Construction Phasing:  **Phase 1:**
Major Feature In Phase 1 Is Crossing Paint Branch Creek Using Jack & Bore Technique.
Actual Construction Phasing:  Phase 1:
Major Feature In Phase 1 Is Crossing Paint Branch Creek Using Jack & Bore Technique.
Actual Construction Phasing:  Phase 2: Cherry Hill Road to 300’ East of Beltsville Drive

Anticipated start: March 2018
In Summary:

➢ The existing distribution system water mains are at the end of their useful lives.
➢ WSSC will be replacing the distribution system water mains and water house connections up to the property line.
➢ WSSC is committed to minimizing service disruptions during construction.
➢ WSSC will restore all areas impacted by construction activities at the end of the project.
➢ WSSC goal is to provide a reliable water system to our affected customers.
Thank You!

Questions?