

# Powder Mill Road Water Main Replacement Project

*(WSSSC Contract No. BR5924A15)*

**Washington Suburban Sanitary Commission**

[WWW.WSSCWATER.COM/Powdermill](http://WWW.WSSCWATER.COM/Powdermill)

**October 24, 2017**

# Powder Mill Road WMR

BR/BM5924A15

## Introduction

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➤ **Project Contractor – Rivers Construction Group, LTD**

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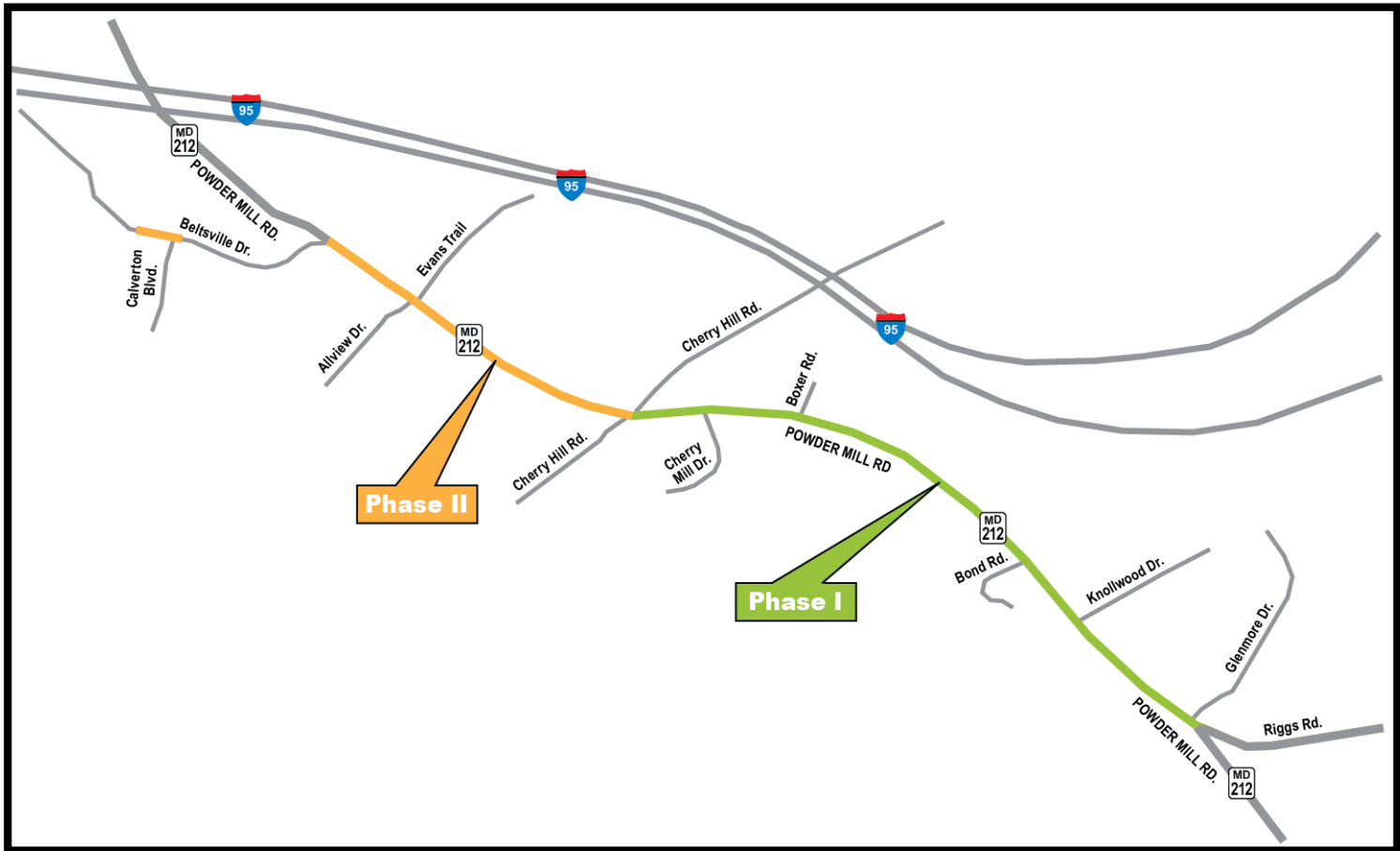
## Replacement of Aging Infrastructure:

- **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.**

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## Site Map:



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## 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.**

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## 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**

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## 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)



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## Example: Typical Water Main Construction and Notification Signage





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## Example: Typical Temporary Water Service Installation



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**Actual Construction Phasing:** Phase 1- : From Glenmore Drive To Cherry Hill Road

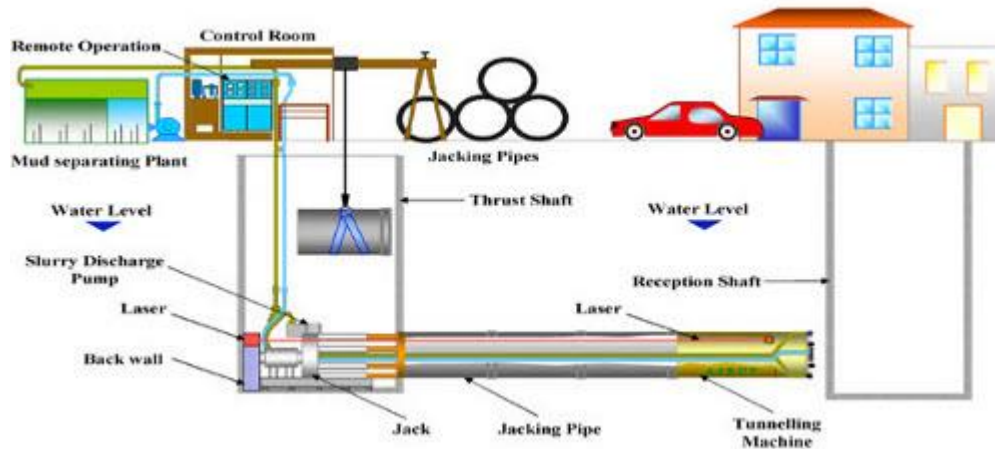


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## Actual Construction Phasing: Phase 1:

Major Feature In Phase 1 Is Crossing Paint Branch Creek Using Jack & Bore Technique.



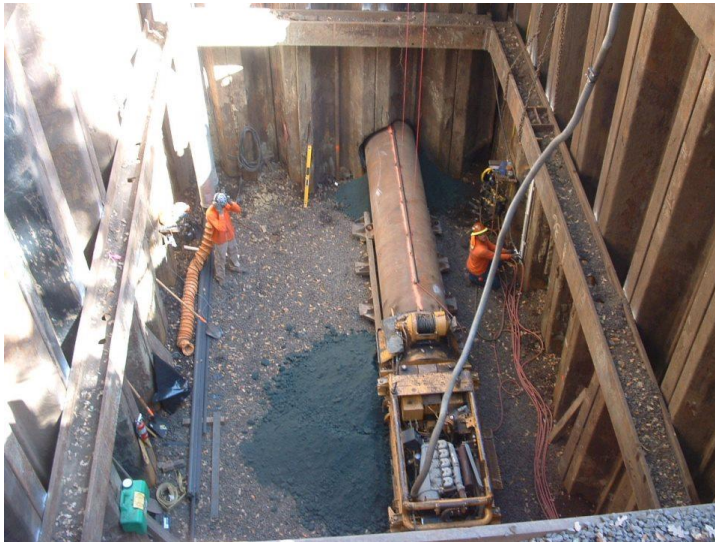


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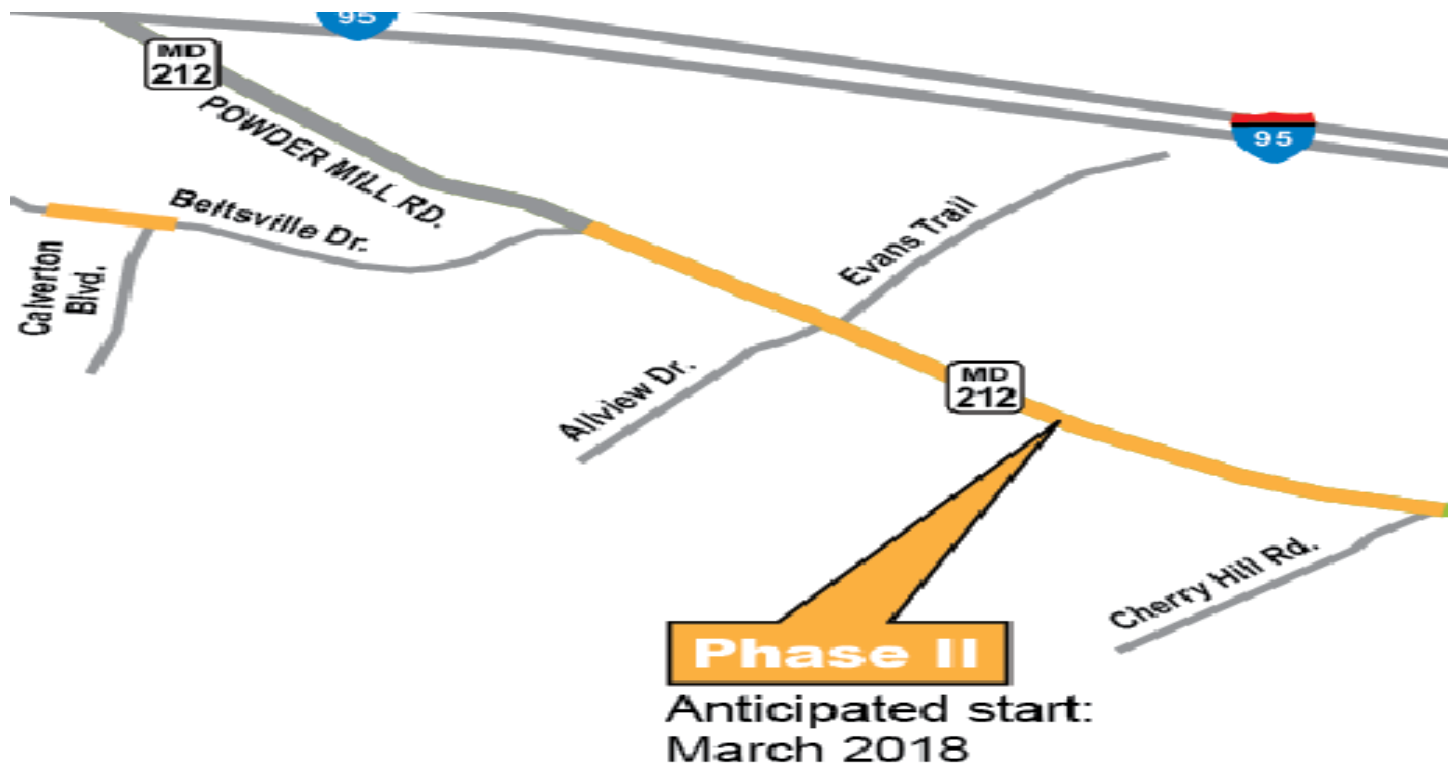
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**Actual Construction Phasing:** Phase 2: Cherry Hill Road to 300' East of Beltsville Drive





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## 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?