



Community Meeting
Water Main Replacement Project

**GREENBELT STANDPIPE WATER MAIN REPLACEMENTS
AND RELOCATIONS
(BT5849A15)**

Washington Suburban Sanitary Commission

WWW.WSSCWATER.COM

City of Greenbelt

25 Crescent Road, Greenbelt, MD 20770

January 17, 2017 at 8:00 PM

GREENBELT STANDPIPE WATER MAIN REPLACEMENT

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Introduction

- **Keith Tyson – WSSC Engineering & Environmental Services, Division Manager**

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- **David Wilkins – Customer Advocate**

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Replacement of Aging Infrastructure:

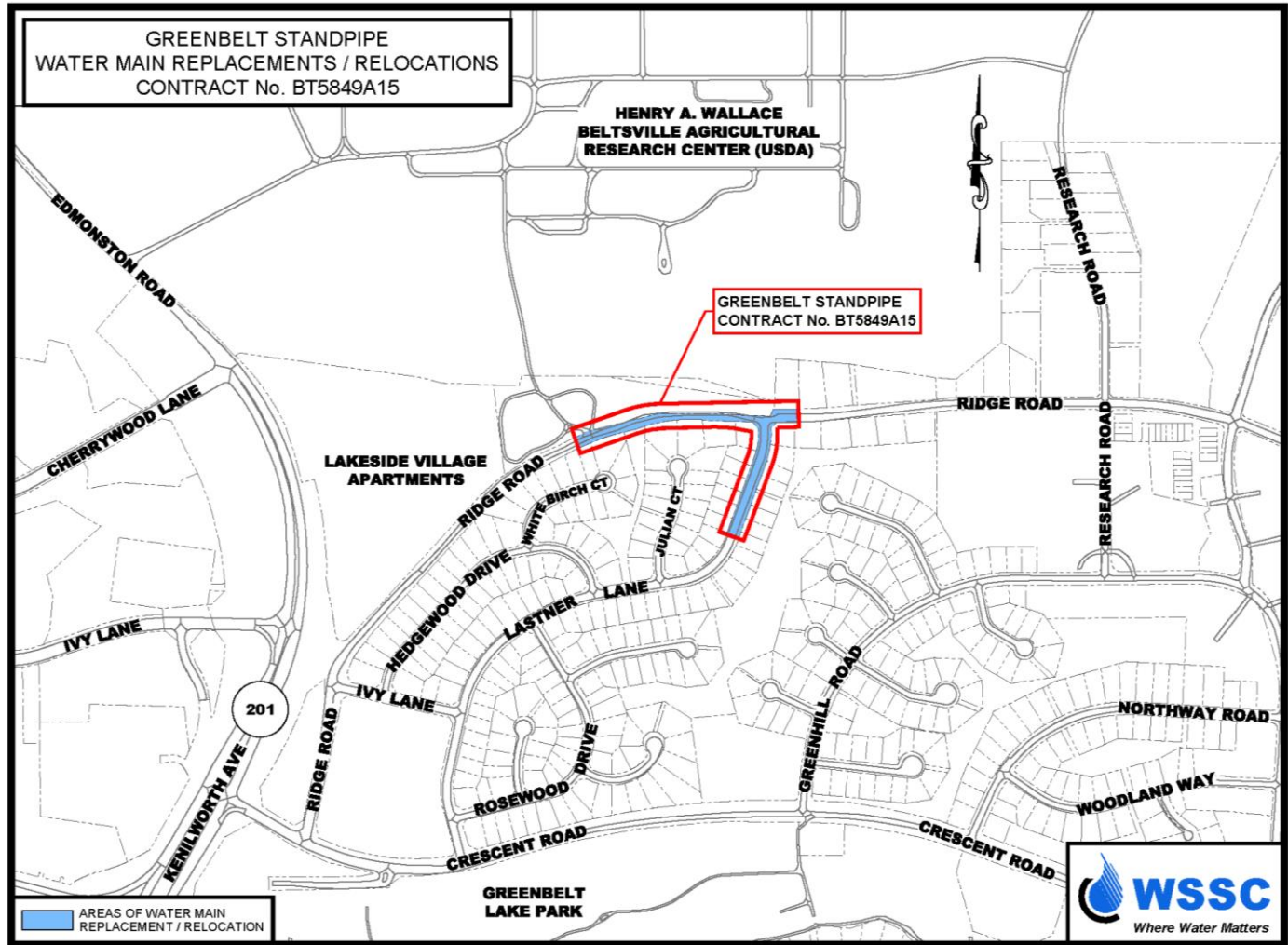
- **The existing water distribution / transmission system has reached the limit of its useful service life.**
 - **The existing water transmission mains planned to be replaced under this project were installed in 1936 while water distribution mains in Lastner Lane were installed in 1965 - 1966.**

- **Benefits of this project:**
 - **More dependable service across the community by extending the service life of the water transmission and 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 in portions of Lastner Lane and Ridge Road will be installed offset to the existing water mains, within the paved roadways.
- New water transmission main serving the standpipe (water tank) will be relocated from existing backyards to the existing public dedication of Ridge Road.
- Approximately 1,500 feet of new water distribution / transmission mains will be installed.
- Open-cut (trench) construction method for new water main installation in streets.
 - Section of the pavement will be saw cut and excavated up-to required depth (4' to 5' is typical depth).
- Horizontal Directional Drilling (HDD) method for new transmission main to avoid disturbance to wooded areas and steep slopes.
- Temporary water bypass and service connections 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: 8:00 AM to 5:00 PM, Monday-Friday**
- **Construction activities may include:**
 - **Surveying and Utility Mark-Outs**
 - **Field Reviews and Inspections**
 - **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 and towing will be enforced.
 - 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 by WSSC / contractors 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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Construction Schedule:

➤ **Spring 2018 – Spring 2019**

(Anticipated, Weather Permitting)

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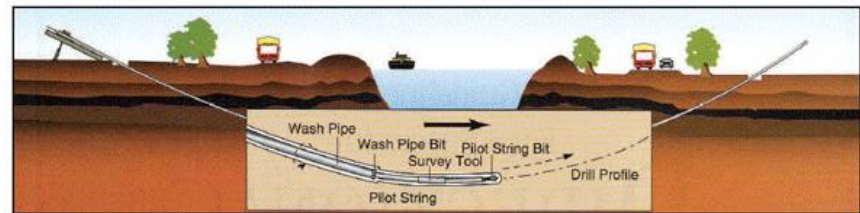
Example: Typical Open Trench Water Main Construction and Notification Signage



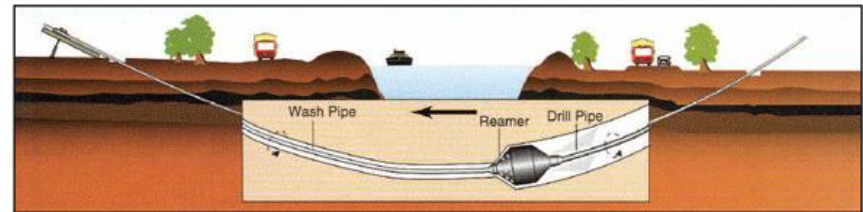
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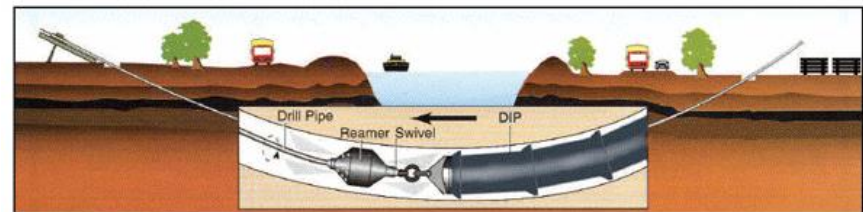
Example: Typical Horizontal Directional Drilling Pipe Installation



PILOT HOLE



PRE-REAMING



PULL-BACK



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Example: Typical Temporary Water Service Installation



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In Summary:

- **The portions of the existing water distribution / transmission systems are at the end of their useful lives.**
- **WSSC will be replacing portions of the water distribution / transmission 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.**

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Thank You!

Questions?