

**Greenbelt City Council  
Work Session**

**WSSC Street Projects for  
Lakeside-Forestway-Northway**

**November 1, 2017  
8:00 p.m.**

**Greenbelt Community Center  
Room 201**

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**Agenda**

- Introductions
- Presentation
- Council Discussion
- Questions and Answers
- Other



**City of Greenbelt  
Department of Public Works  
555 Crescent Rd, Greenbelt, MD 20770**

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**M E M O R A N D U M**

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**Date:** October 21, 2017  
**To:** Nicole Ard, City Manager  
**From:** James Sterling, Director of Public Works  
**Regarding:** City of Greenbelt Permit Application 17-0910-C  
Washington Suburban Sanitary Commission (WSSC)  
Replacement/relocation of existing water mains on Northway Road,  
Forestway, and Lakeside Drive.

**City of Greenbelt Permit #17-910-C**

On August 30, 2017, WSSC applied for a construction in the right of way permit to replace/relocate existing water mains on the following streets:

- Forestway
- Northway Road
- Lakeside Drive

The proposed water mains that are target for replacement were installed in the 1930's and 1950's and are nearing the end of their life cycle. The WSSC plans show 1.01 miles of water main being replaced. The project is scheduled to begin in the Spring of 2018, and completed in the Fall of 2018.

**Facts about the project:**

- The city permit is currently under review.
- WSSC still needs to provide a tree impact plan for review.
- Some water lines for house connections have meters in the right-of-way, some have just curb boxes or shut offs (meters in the house) The plan is to install water meters and curb stops in the right of way. All house connections are for individual homes, no GHI homes are affected.
- WSSC will replace the portion of the water service line between the public main and the property line connection.
- WSSC is in the process of acquiring right of entry agreements to access private property on Forestway.
- All water main replacement in the street to be open trench construction. The house connections on Forestway call for boring on some properties and trenching on other properties. Boring is noted to avoid tree and landscaping conflicts. Not all house connections are called out to be bored.

- Temporary by-pass piping will be installed before the water main replacement begins on each street. The temporary by-pass piping will be laid on the surface and temporary ramps will be installed to keep vehicle access intact for residents. Temporary by-pass piping is required to be tested for safety and reliability before it can be used by residents.
- The city permit will have a condition that states there will be no trenching under any tree drip line without the permission of the City of Greenbelt.
- A traffic control plan will be required before construction starts. There will be instances where closing and detouring of traffic will be necessary.
- Water service may be interrupted for a few hours, while the new main is being connected.
- Approximately a mile of city streets will be repaved (milled and overlaid) when the project is completed.

### **Emergency Water Line Replacement**

In the Spring of 2017, WSSC undertook a water main replacement project in four courts in the Lakeside development. All four lines were done as part of an emergency contract and were permitted by the city. Those four streets included; Pinecrest Court, Maplewood Court, Lakeview Circle and Olivewood Court.

The customers on these streets were experiencing extreme discoloration of the water and low water pressure. WSSC tried to correct the problem by continually flushing the mains but were unsuccessfully in correcting the problems. WSSC had residents in hotels while the issue was being resolved. Because they were unable to correct the problem WSSC contacted the city about doing emergency replacement of the water mains.

The emergency water main project was well received by the residents and went smoothly. The only thing left on the project is the milling and overlaying of asphalt on the four courts. Two of the four streets being paved were identified as streets that needed work within the next two to three years.

### **Summary**

The continuation of the water main replacement project is essential to improving the quality of water for the residents. The infrastructure improvements are needed and will continue for years to come. WSSC is evaluating all water services and replacing them in a priority order which they establish. The replacement of the water main on Lakeside Drive is needed; it will complete the water replacement of this development, which was started as an emergency replacement project.

With this memo I have attached a copy of the invitation card for residents, a site map, a customer fact sheet and the power point presentation that will be shown at the work session on November 1, 2017. The public meeting/ Council work session was a condition of the permitting process. Additional meetings prior to the start of construction with residents may be warranted.



## **Community Meeting**

**City of Greenbelt**

**Water Main Replacements/Relocations Project  
BR4761F08**

**Washington Suburban Sanitary Commission**

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

**Greenbelt Public Works Department**

555 Crescent Road, Greenbelt, MD 20770  
11/01/2017, 8:00 PM

# City of Greenbelt WMR

BR4761F08

## Introduction

- **Samuel Bajomo – Project Manager**  
Phone: 301-206-8523, Email: [Samuel.Bajomo@wsscwater.com](mailto:Samuel.Bajomo@wsscwater.com)
- **John (Doug) Sievers – Urban Forester**  
Phone: 301-206-8074, Email: [John.Sievers@wsscwater.com](mailto:John.Sievers@wsscwater.com)
- **April Wilt – Construction Manager**  
Phone: 301-206-4307, Email: [April.Wilt@wsscwater.com](mailto:April.Wilt@wsscwater.com)
- **David Wilkins – Customer Advocate**  
Phone: 301-642-4371, Email: [David.Wilkins@wsscwater.com](mailto:David.Wilkins@wsscwater.com)
- **Project Designer – WTB Company, PM: Jeff Ziegenfuss**  
Phone: 410-363-0150, Email: [JZiegenfuss@wtbco.com](mailto:JZiegenfuss@wtbco.com)

# City of Greenbelt WMR

BR4761F08

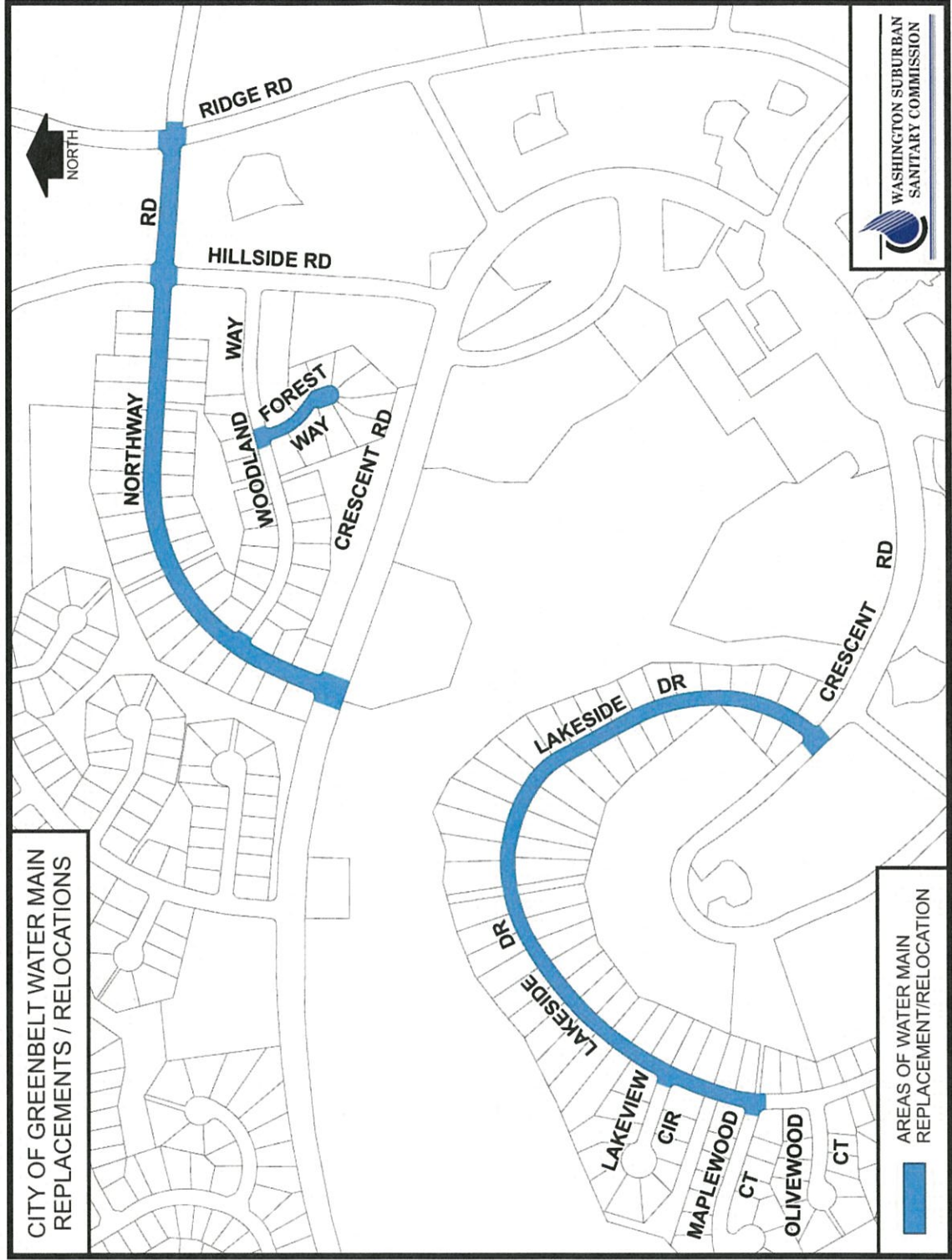
## Replacement of Aging Infrastructure:

- The existing water distribution system has reached the limit of its useful service life.
  - The majority of this system was installed between the 1930's and 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.

# City of Greenbelt WMR

BR4761F08

## Site Map:



# City of Greenbelt WMR

BR4761F08

## Project Information Summary:

- New water mains will predominantly be installed in the same locations (paved roadway) as the existing mains.
- Approximately 1 mile of new water mains will be installed.
- Open-cut (trench) construction method for new water and main installation.
  - Section of the pavement will be saw cut and excavated up-to required depth (approximately 6' for water main).
- Temporary water services will be installed (as required).
- Water house service connections (up to property lines) will be replaced and reconnected.
- Water house service connections will be installed on private property along Forest Way. WSSC is in the process of acquiring right of entry agreements.
- 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.



# City of Greenbelt WMR

BR4761F08

## **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 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**

# City of Greenbelt WMR

BR4761F08

## 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.
- Impacted trees will be permitted with Maryland Department of Natural Resources (DNR) and submitted and reviewed by the City before a City permit is issued.

# City of Greenbelt WMR

BR4761F08

## Construction Schedule:

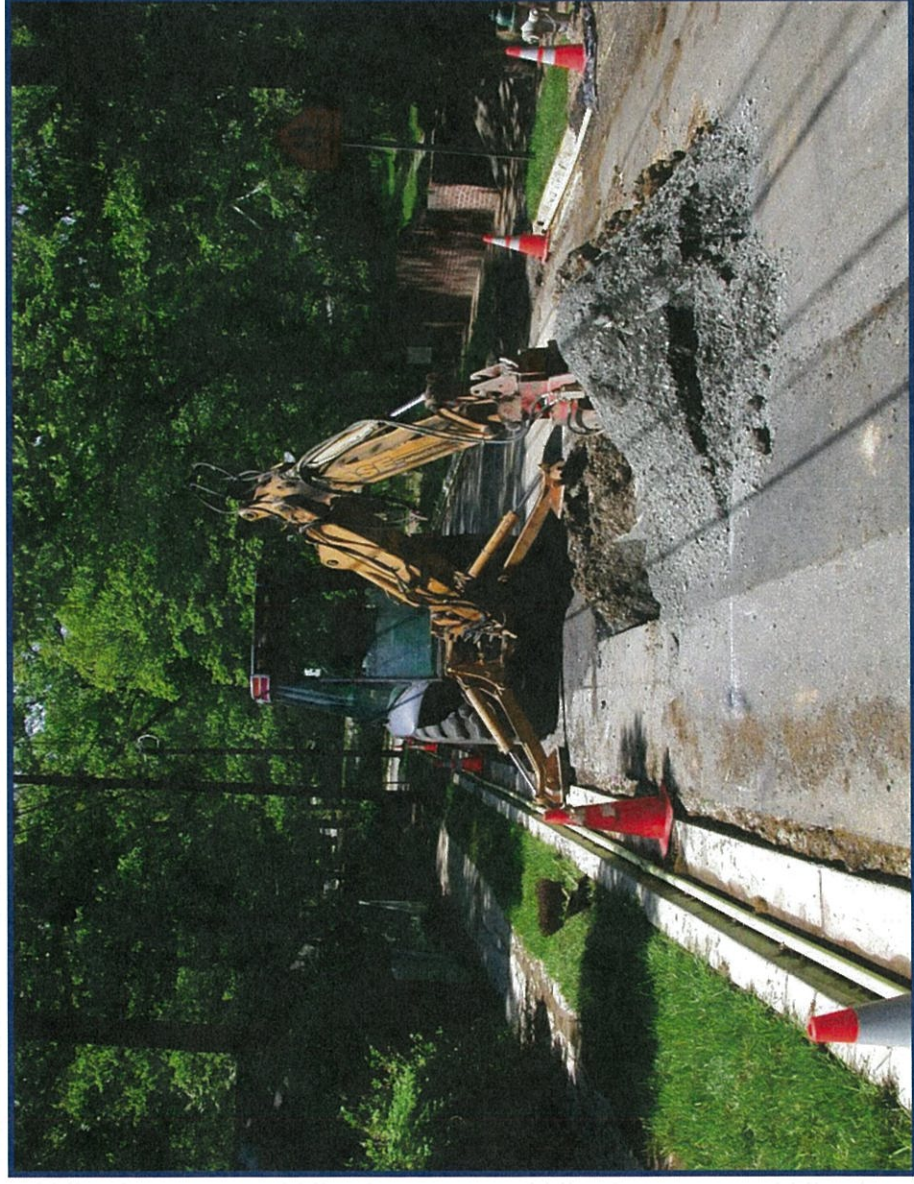
➤ **Spring 2018 – Fall 2018**

**(Anticipated, Weather Permitting)**

# City of Greenbelt WMR

BR4761F08

**Example:** Typical Water Main Construction and Notification Signage



# City of Greenbelt WMR

BR4761F08

**Example:** Typical Temporary Water Service Installation



# City of Greenbelt WMR

BR4761F08

## **In Summary:**

- **The existing water mains are at the end of their useful lives.**
- **WSSC will be replacing the 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?



## CITY OF GREENBELT WATER MAIN REPLACEMENT

**A WSSC PROJECT IS COMING TO YOUR NEIGHBORHOOD!** WSSC (Washington Suburban Sanitary Commission) maintains over 11,000 miles of water and sewer mains and after nearly a century of providing safe and reliable water and sewer service to the residents of Montgomery and Prince George's counties, WSSC is facing the challenge of decaying infrastructure. In keeping with WSSC's commitment to providing our customers with safe, quality water and wastewater service, we are renewing our aging infrastructure at a rate of approximately 60 miles of water mains and 56 miles of sewer mains annually.

[WSSC plans to meet with your community in the near future to discuss this project. Additional information is forthcoming.](#)

### **Project Overview**

The water mains in the City of Greenbelt area will be replaced with new ductile iron pipe, which will reduce the frequency of water main breaks. In the event your water service line is galvanized pipe, WSSC will replace the portion of the water service line between the public main and the property line connection, at no cost to you.

### **Scope of Work**

- WSSC will rehabilitate 1.01 miles of water mains.
- **Affected Streets Include:** Northway Road, Forest Way, and Lakeside Drive
- The current water mains were installed during the 1930's and 1950's and are nearing the end of their life cycle.

### **Project Schedule**

The design for the City of Greenbelt Water Main Replacement Project is ongoing. The construction schedule is estimated and may change based on issuance of permits or contracts. Inclement weather could affect the proposed project schedule.

- Estimated construction start: Spring 2018
- Estimated construction completion: Fall 2018
- Anticipated work hours: 9:00 a.m. – 3:30 p.m.

### **Service Interruptions and Environmental Impacts**

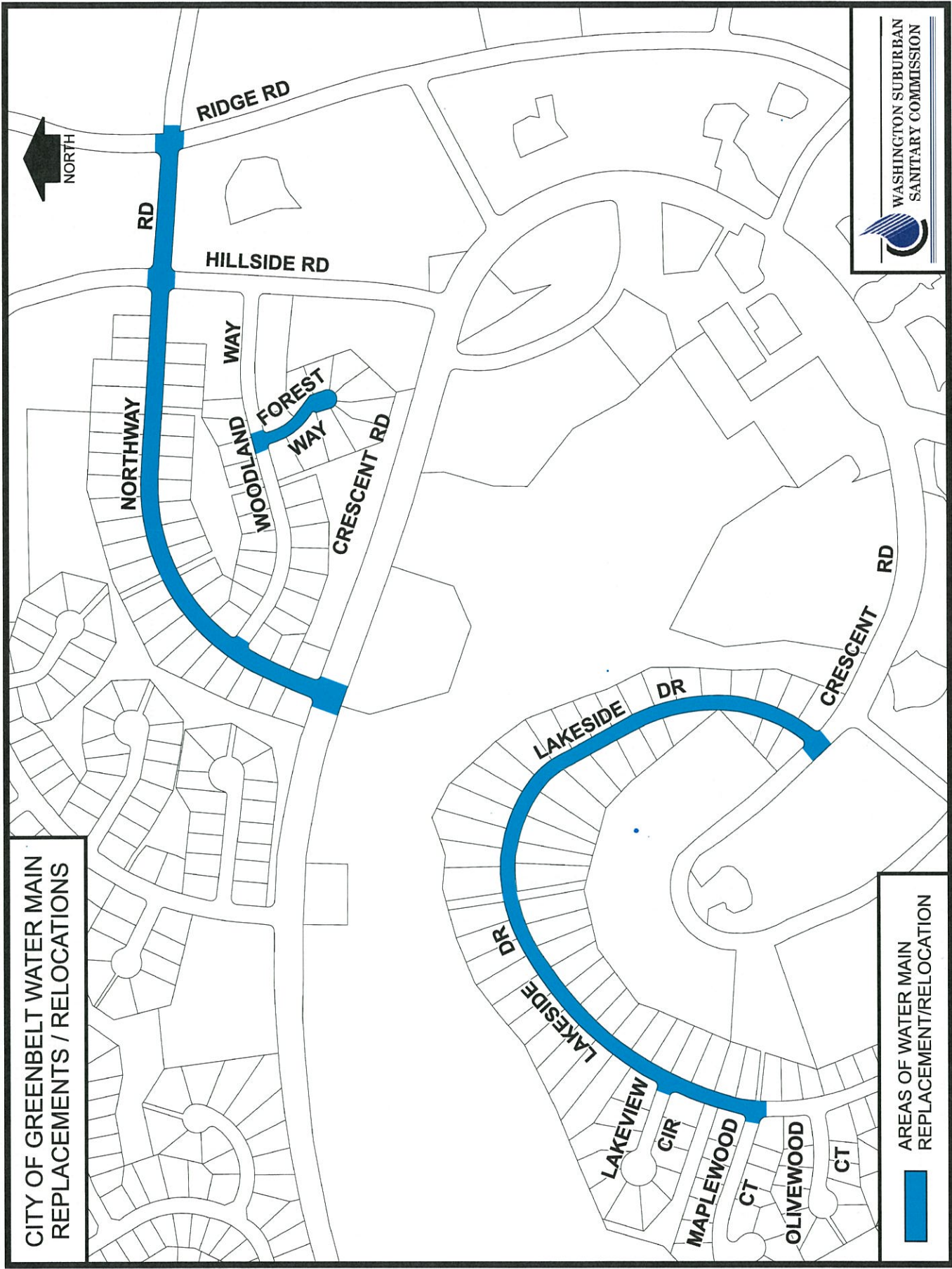
- Water service may be interrupted for a few hours, while the new main is being connected. Customers will receive a 48 advance notification for service interruptions that last more than 4 hours.
- WSSC is working closely with residents and regulatory agencies to minimize disruptions to traffic.
- Some trees may have to be pruned or removed to accommodate the work. Residents will be notified prior to construction, if there is a need for any tree removal.
- WSSC will restore the area when construction is completed.

### **Contact Information/Questions**

- Project Manager: Mr. Samuel Bajomo, 301-206-8523 or by e-mail at [Samuel.Bajomo@wsscwater.com](mailto:Samuel.Bajomo@wsscwater.com) and refer Project No. BR4761F08
- **Contact the 24-Hour Emergency Call Center at [301-206-4002](tel:301-206-4002), in the event of a water or sewer emergency.**
- **WSSC Projects Map:** <https://gis.wsscwater.com/inyourneighborhood>. **Facebook:** [www.facebook.com/WSSCWater](http://www.facebook.com/WSSCWater) | **Twitter:** @WSSCWaterNews

Washington Suburban Sanitary Commission

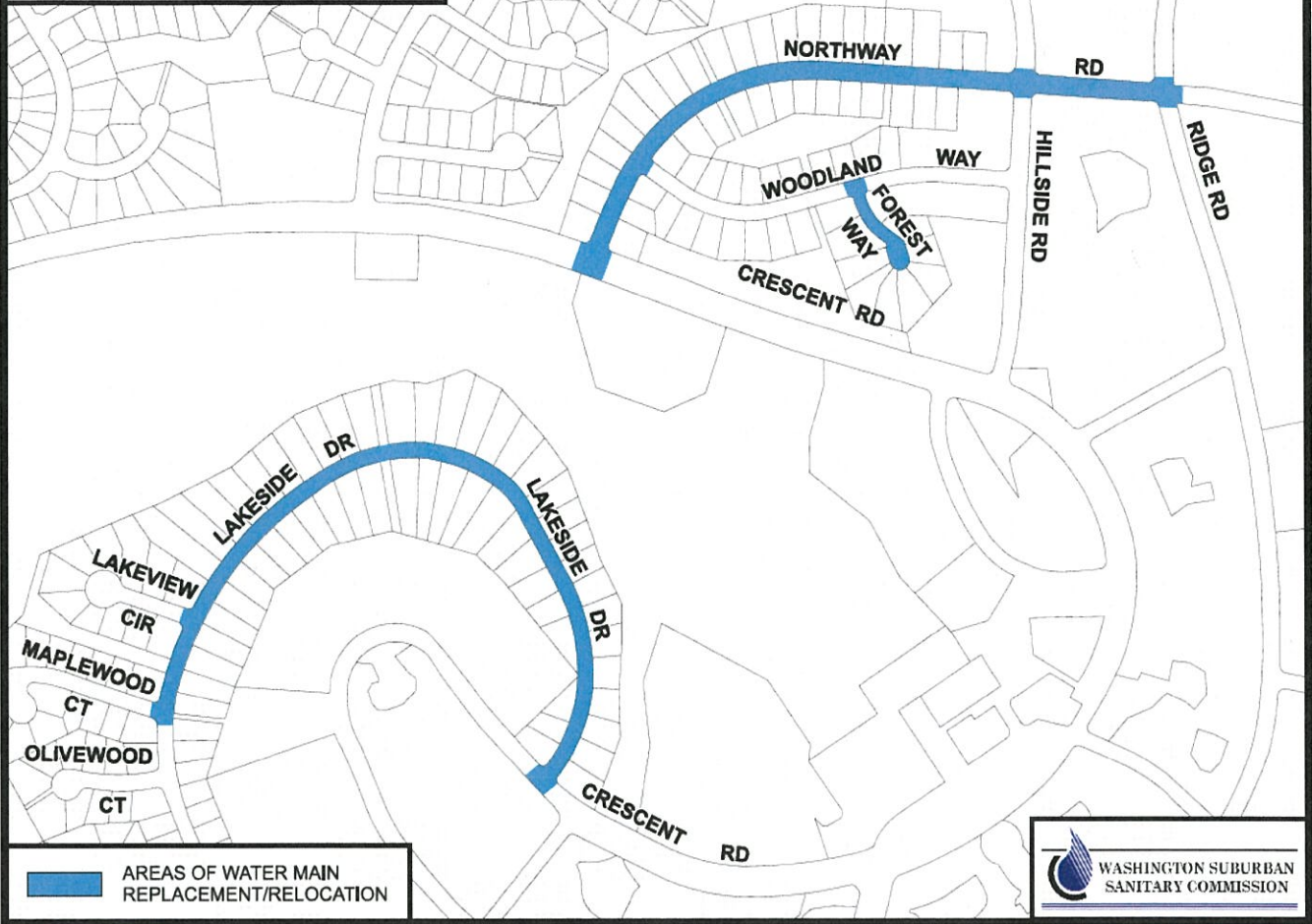




CITY OF GREENBELT WATER MAIN REPLACEMENTS / RELOCATIONS

AREAS OF WATER MAIN REPLACEMENT/RELOCATION





**INFORMATION MEETING**  
**City of Greenbelt Water Main  
Replacement Project**  
**(WSSC Contract No. BR4761F08)**

**Wednesday,**

**November 1, 2017**

**8:00pm – 9:00pm**

Multi-Purpose Room Greenbelt Community  
Center

15 Crescent Road, Greenbelt, MD 20770

The meeting location is accessible to persons with disabilities. Any person with special needs or requiring special assistance should contact Mr. Samuel Bajomo at (301) 206-8523 or [Samuel.Bajomo@wsscwater.com](mailto:Samuel.Bajomo@wsscwater.com)



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Samuel Bajomo