



Community Meeting
Water Main Replacement Projects

GEORGIA AVENUE (MD RTE. 97)
(BT4802A08 & BR4802A08)

Washington Suburban Sanitary Commission

WWW.WSSCWATER.COM

Glenmont Exchange Civic Association Meeting

13101 Nordic Hill Drive, Silver Spring, MD
11/28/2016, 7:30 PM

Georgia Avenue (MD RTE. 97) WMR

BT4802A08 & BR4802A08

Introduction

➤ **Ling Li – Project Manager (WSSC)**

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➤ **Kevin Lethbridge – Contract Manager (WSSC)**

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➤ **Brandon Stewart – Customer Advocate (WSSC)**

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➤ **Kui Lin – Project Designer (KCI Technologies)**

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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 between 1940's and 1990'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.**

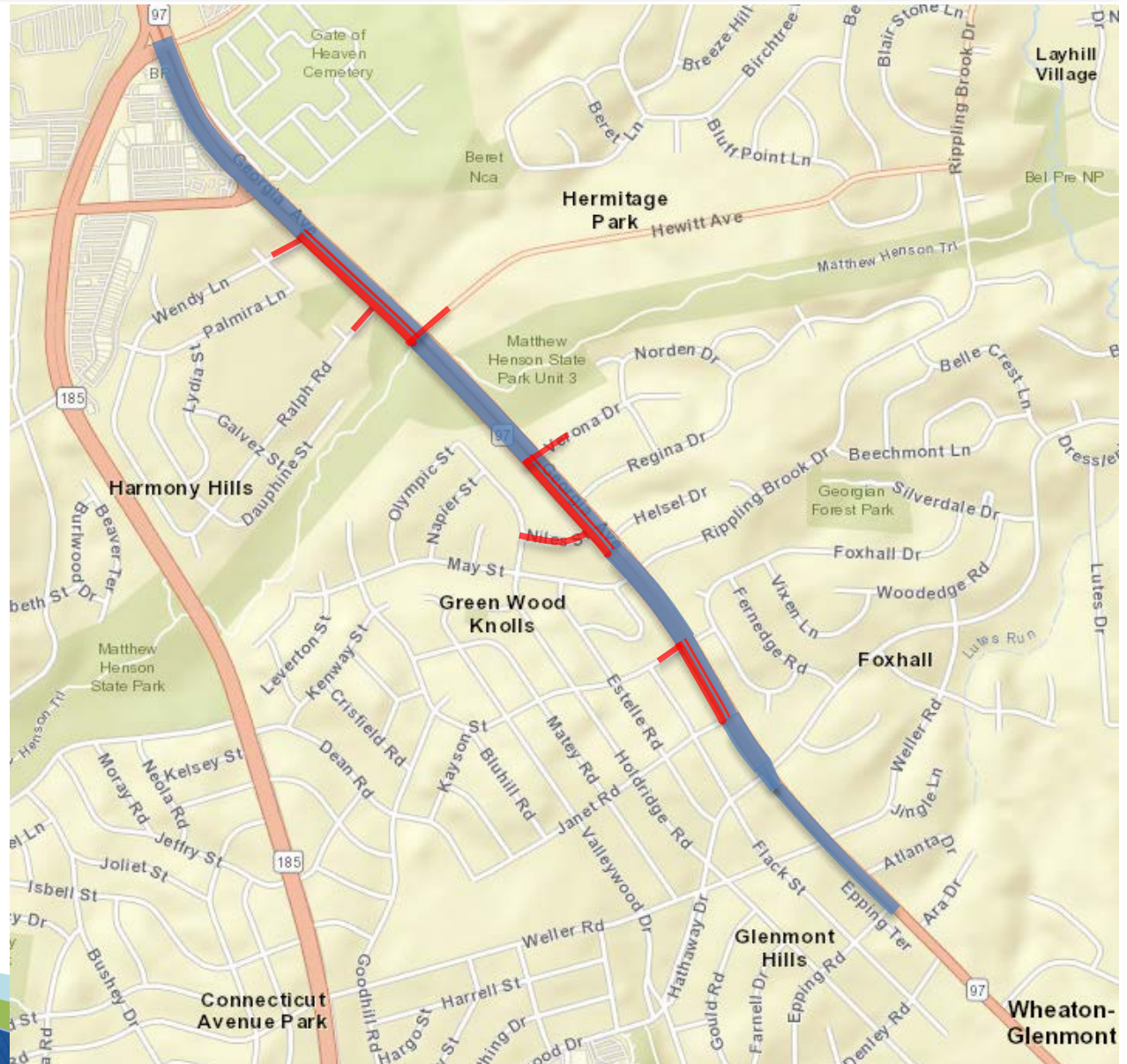
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Site Map:

BT4802A08 ———
Georgia Avenue
(MD RTE 97)

BR4802A08 ———
Georgia Avenue
(MD RTE 97)
Wendy Lane
Ralph Road
Hewitt Avenue
Verona Drive
Niles Street
Kayson Street



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Project Information Summary:

- New water mains will predominantly be relocated within the same paved roadway as the existing mains.
- Approximately 2.1 miles of new water transmission main will be installed under Contract BT4802A08.
- Approximately 0.9 miles of new water distribution main will be installed under Contract BR4802A08.
- 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 3:00 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**

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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)

Georgia Avenue Transmission WMR

BT4802A08 & BR4802A08

What to expect (Continued):

- **Contracts BT4802A08 & BR4802A08 will be constructed simultaneously.**
- **Contracting teams to work in tandem within the roadway, while allowing the flow of traffic to continue.**
- **Pavement will be restored after each phase is completed.**
- **Objective: No shut down longer than 8 hours will be necessary.**
- **Typical construction steps for water main relocation:**
 1. **Build new water main in a separate trench and test**
 2. **Close nearby valves, shut down existing main and make tie-ins**
 3. **Open all valves**
 4. **Transfer all house connections to new main**
 5. **Restore the area**

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Construction Schedule:

➤ **Spring 2017 – Fall 2019**

(Anticipated, Weather Permitting)

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Example: Typical Water Main Construction and Notification Signage



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Example: Typical Temporary Water Service Installation



Georgia Avenue Transmission WMR

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In Summary:

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