



## **Community Meeting**

**Chevy Chase Village South Water/Sewer Main Replacement**

**WSSC Contract No. BR/CR5356B12**

**Washington Suburban Sanitary Commission**

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

**Chevy Chase Village Office Building – 5906 Connecticut Avenue, Chevy Chase, MD 20815**

**June 21, 2018**

# Presentation Summary

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# Chevy Chase Water/Sewer Main Replacement

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## Presentation Panel

➤ **Indira Gonzales – Project Manager**

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➤ **Kevin Lethbridge – Construction Manager**

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➤ **Brandon Stewart – Customer Advocate**

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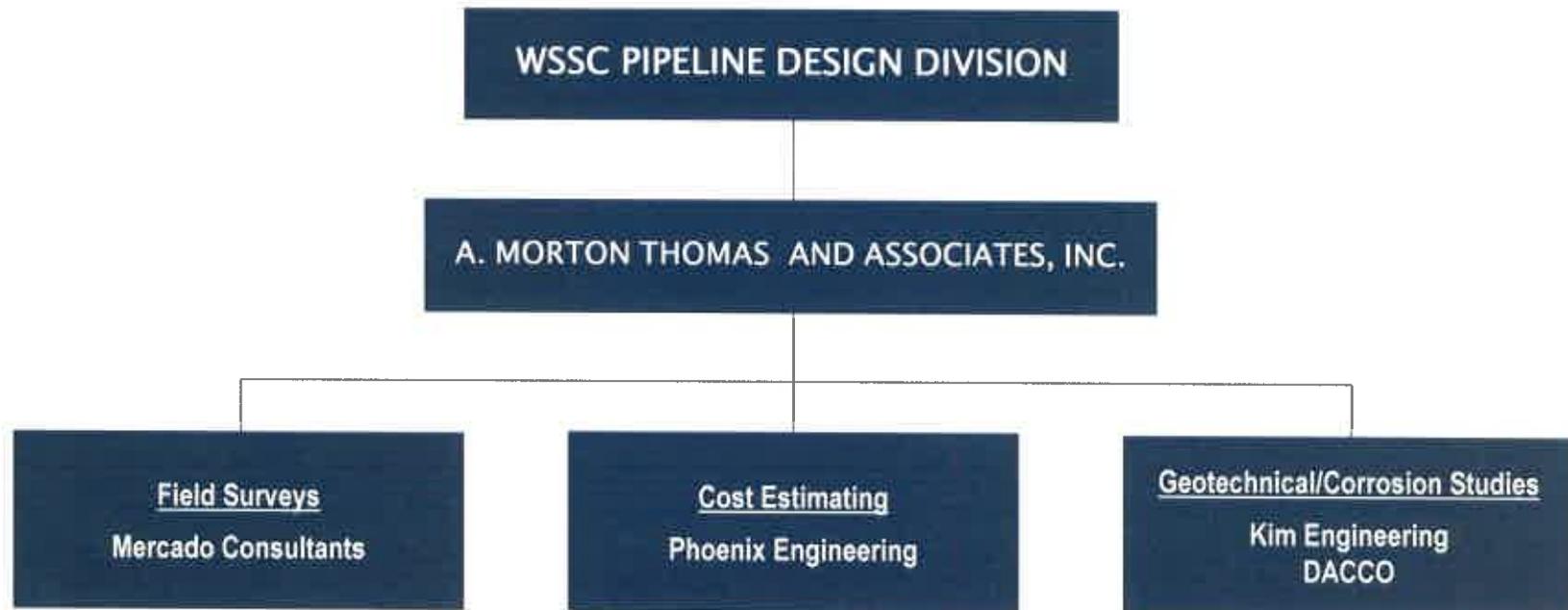
➤ **Jerry C. Kavadias, P.E. – Project Engineers (AMT)**

**Ranjith S. Ravindiran, P.E.**

# Chevy Chase Water/Sewer Main Replacement

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## Project Team



# Chevy Chase Water/Sewer Main Replacement

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## Project Needs & Benefits for Water Main:

### Replacement of Aging Infrastructure:

- The existing 4-inch water distribution main has reached the limit of its useful service life.
  - The water main was installed in 1927.
  
- Benefits of this project:
  - More dependable service across the community by extending the service life of the water distribution main.
  - Reduces future Operation & Maintenance needs to deal with leaks and breaks.
  - Dependable and serviceable water meters.

# Chevy Chase Water/Sewer Main Replacement

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## Project Needs & Benefits for Gravity Sewer:

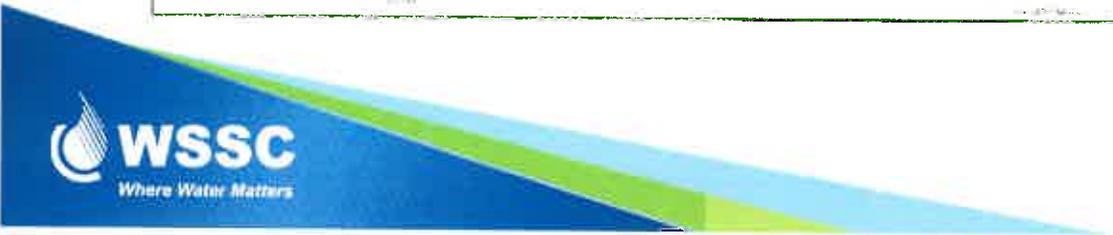
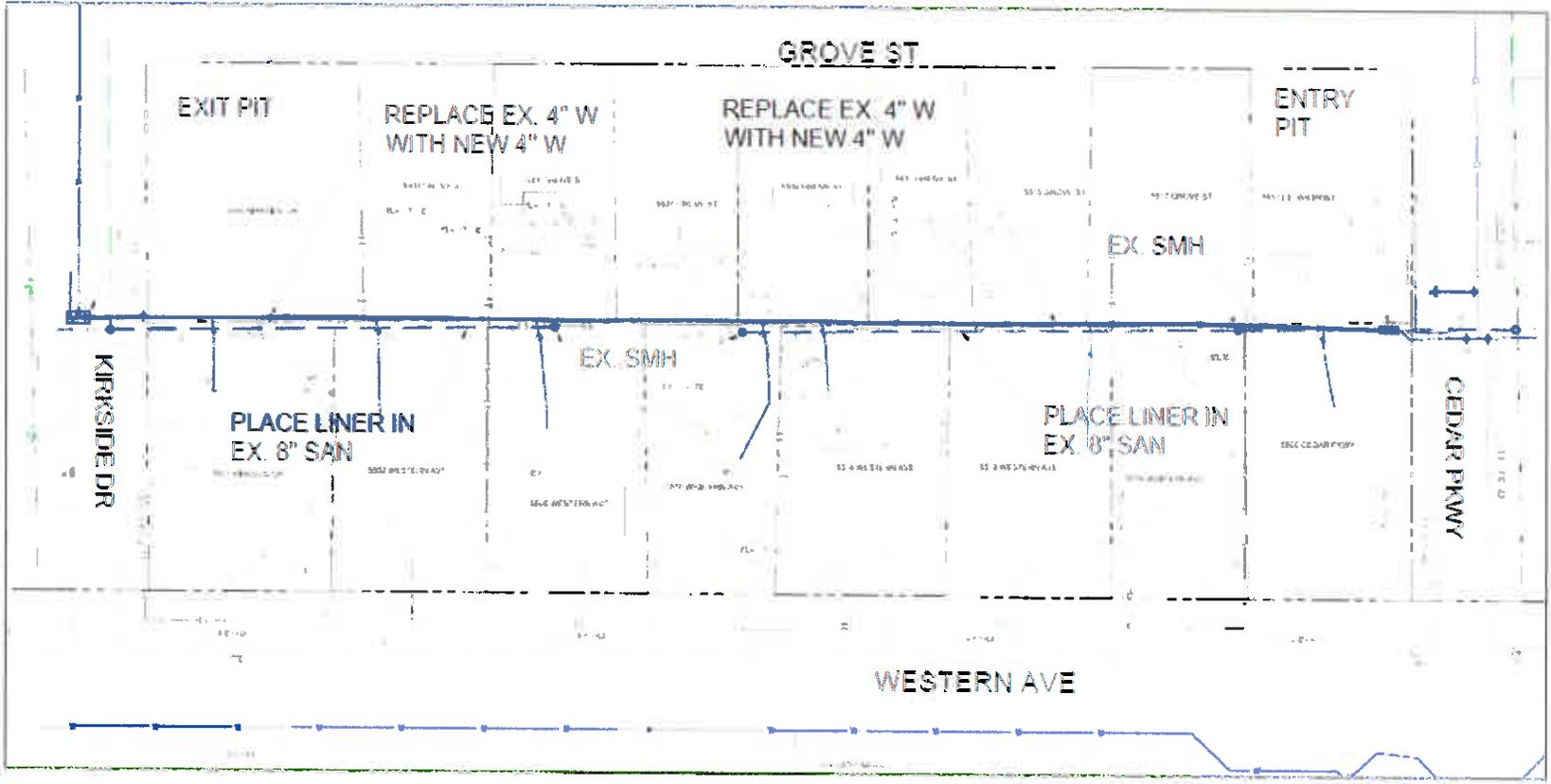
### Replacement of Aging Infrastructure:

- The existing 8-inch gravity sewer has reached the limit of its useful service life.
  - The gravity sewer was installed in 1941.
  
- Benefits of this project:
  - More dependable service across the community by extending the service life of the sewer.
  - Reduces future Operation & Maintenance needs to deal with infiltration, inflow, root penetration and breaks.
  - Avoids trench excavation with a need to only replace small sections of fences and restore landscaped features at few locations.

# Chevy Chase Water/Sewer Main Replacement

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## Project Overview



# Chevy Chase Water/Sewer Main Replacement

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## Project Information Summary:

- New water main will predominantly be installed via trenchless method using pipe-bursting. The new water main will replace existing water main at its current location.
- Approximately 701-feet of new water main will be replaced.
- Approximately 642-feet of sanitary sewer will be CIPP lined for rehabilitation.
- Excavation will be required to construct 14-feet x 6-feet Exit Pit in Kirkside Drive near the church.
- Excavation will be required to construct 12-feet x 4-feet Entry Pit in the backyard of 5500 Cedar Parkway.
- The Temporary water services will be installed (as required).
- Water house service connections will be replaced and reconnected. Temporary access of private property will be needed to complete this work.
- WSSC will be responsible for restoration of areas affected by construction.

# Chevy Chase Water/Sewer Main Replacement

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## What to Expect:

- **Work schedule: 9:00 AM to 3:30 PM, Monday to Friday**
- **Construction activities may include:**
  - **Surveying and Utility Mark-Outs**
  - **Field Reviews and Inspection**
  - **Excavation/Water Main Installation (Construction Equipment, Temporary Access)**
  - **Temporary closure of Cedar Parkway for one to two days.**
  - **Temporary use of alley east of Cedar Parkway for staging pipe and equipment.**
  - **Trenchless CIPP Lining of Sewer (Trucks, Portable Equipment, Temporary Access).**
  - **Relocation of water meter boxes to be inside the existing utility easement.**
- **Reliable water service will be maintained during construction.**
- **Short periods of water service shut-downs can be expected:**
  - **Up to 8-hours (maximum)**
  - **48-hour advanced notification will be provided prior to service shut-downs.**

# Chevy Chase Water/Sewer Main Replacement

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## What to Expect (Continued):

- **Short periods of sewer service denials can be expected:**
  - Up to 6-hours (maximum)
  - 48-hour advanced notification will be provided prior to service denials.
- **No parking on streets within active construction zone:**
  - 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 homes will be maintained at all times.**
- **Access into homes NOT required.**
- **Any tree removed outside the 10-ft utility easement will be replaced in kind.**
- **Construction signs (with contact information) will be posted throughout the project area.**
- **Tree removal (as necessary) and/or pruning permitted by the Maryland Department of Natural Resources (MD-DNR)**

# Chevy Chase Water/Sewer Main Replacement

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## Construction Schedule:

**Estimated Construction Start: Spring 2019**

**Estimated Construction Complete: Late Spring 2019**

**(Anticipated, weather permitting)**

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## Construction Activities:

Example: Typical Water Main Construction Notification Signage



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## Construction Activities (Continued):

### Traffic Control



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## Construction Activities (Continued):

### Water Main Construction Method

- Pipe-bursting replacement



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## Construction Activities (Continued):

### Sanitary Sewer Rehabilitation

- Cured-in-Place Pipe Lining (CIPP)



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## Construction Activities (Continued):

### Temporary Water Services

- Will be required for the project area.
- Access to Homes **not** Required.
- Access onto Private Property Will Be Needed.



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## Construction Activities (Continued):

### Pavement Restoration in Kirkside Drive and Cedar Parkway



Trench Patch



Final Mill & Overlay

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## In Summary:

- **The existing water mains are at the end of their useful lives.**
- **WSSC will be replacing the water mains and service connections.**
- **WSSC will be rehabilitating the sanitary sewer.**
- **WSSC is committed to minimizing service disruptions during construction.**
- **WSSC will restore all areas impacted by construction activities.**
- **WSSC's goal is to provide a safe and reliable water to our affected customers.**

# Thank You!

## Questions?