



# Clopper Road Water Main Replacement

Phase 1A (BT7561A23), Phase 1B (BT7569A23)  
& Phase 2 (BT7570A23)

**Montré Dupree**, Project Outreach Specialist  
**Bhusan Basnet**, Design Project Manager  
**Terry Wilkins**, Technical Contracts Supervisor

March 18, 2025

# Agenda

- Introduction to Project Team
- WSSC Water Overview
- Project Overview
- Project Map
- Estimated Construction Schedule
- What to Expect During Construction
- Important Contacts/Customer Assistance
- Questions & Answers

# Project **Contacts**

## **Terry Wilkins**

Technical Contracts Supervisor

240-848-2374

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## **Brian Lungociu**

Systems Construction Inspector

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Brian.Lungociu@wsscwater.com

## **Emergency Services Center**

Open 24/7

301-206-4002

emergencycallcenter@wsscwater.com



Scan or visit  
[wsscwater.com/projectmeetings](https://wsscwater.com/projectmeetings)  
for more information on  
Community Project Meetings

# WSSC WATER AT A GLANCE



★ **106 years** of no drinking water quality violations, ever.  
★ **Platinum Peak Performance** recognition for wastewater treatment and resource recovery excellence.



**8th**

Largest combined water and wastewater utility in the United States by population served



**1.9M**

Residents served



**162 MGD**

Water provided each day



**1000 Sq. Miles**

Size of WSSC Water's Service Area



**1,700+**

Members of Team H<sub>2</sub>O deliver on our mission



**\$114.9B**

WSSC Water supports the economic output of Prince George's and Montgomery counties



**\$1.8B**

FY2025 Operating & Capital Budget



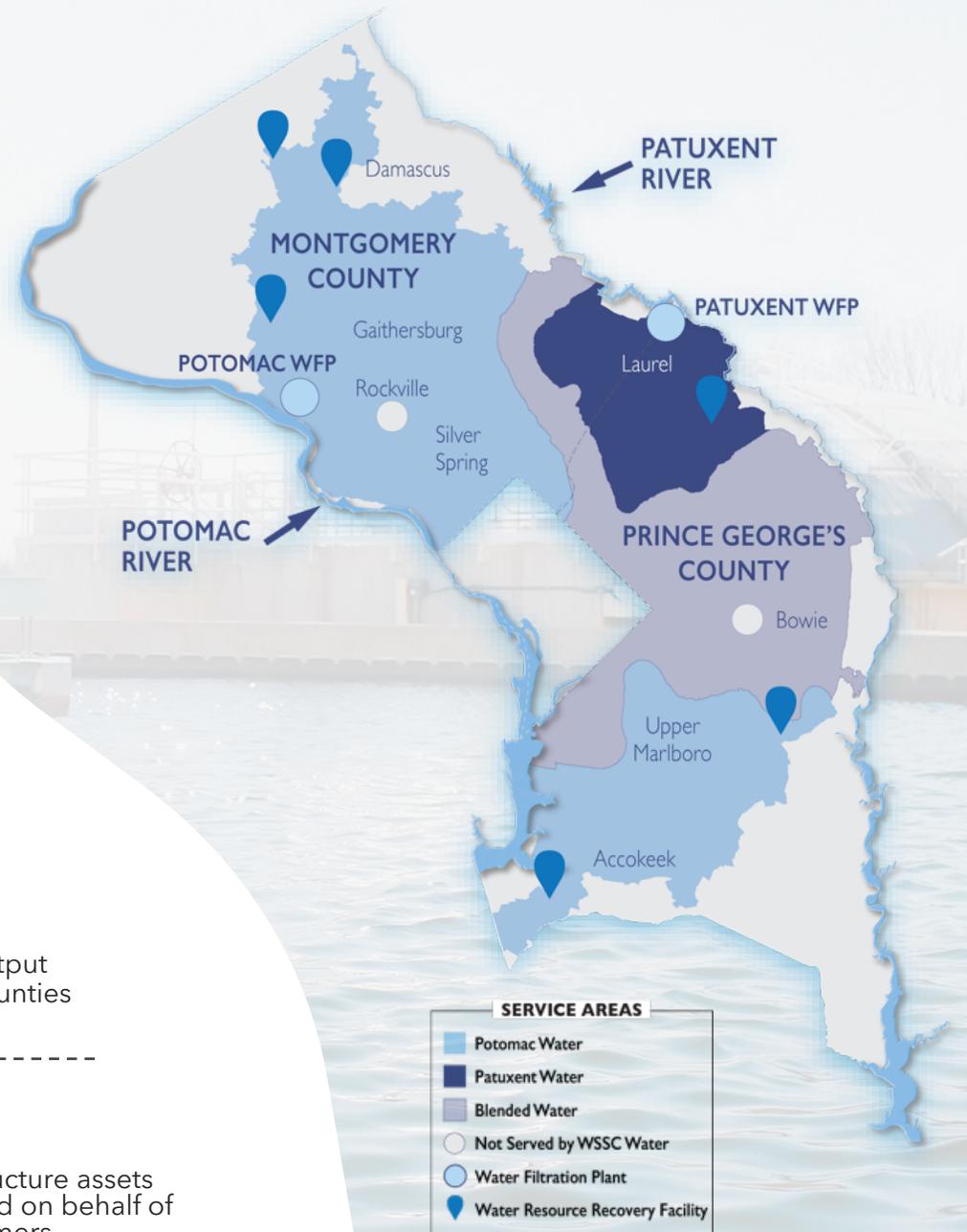
**\$5.9B**

6-Year Capital Improvements Program



**\$9B**

In infrastructure assets maintained on behalf of our customers





# Project Update

## Phase 1A

- Construction substantially completed
- Preparation for final restoration including pavement mill and overlay is underway

## Phase 1B

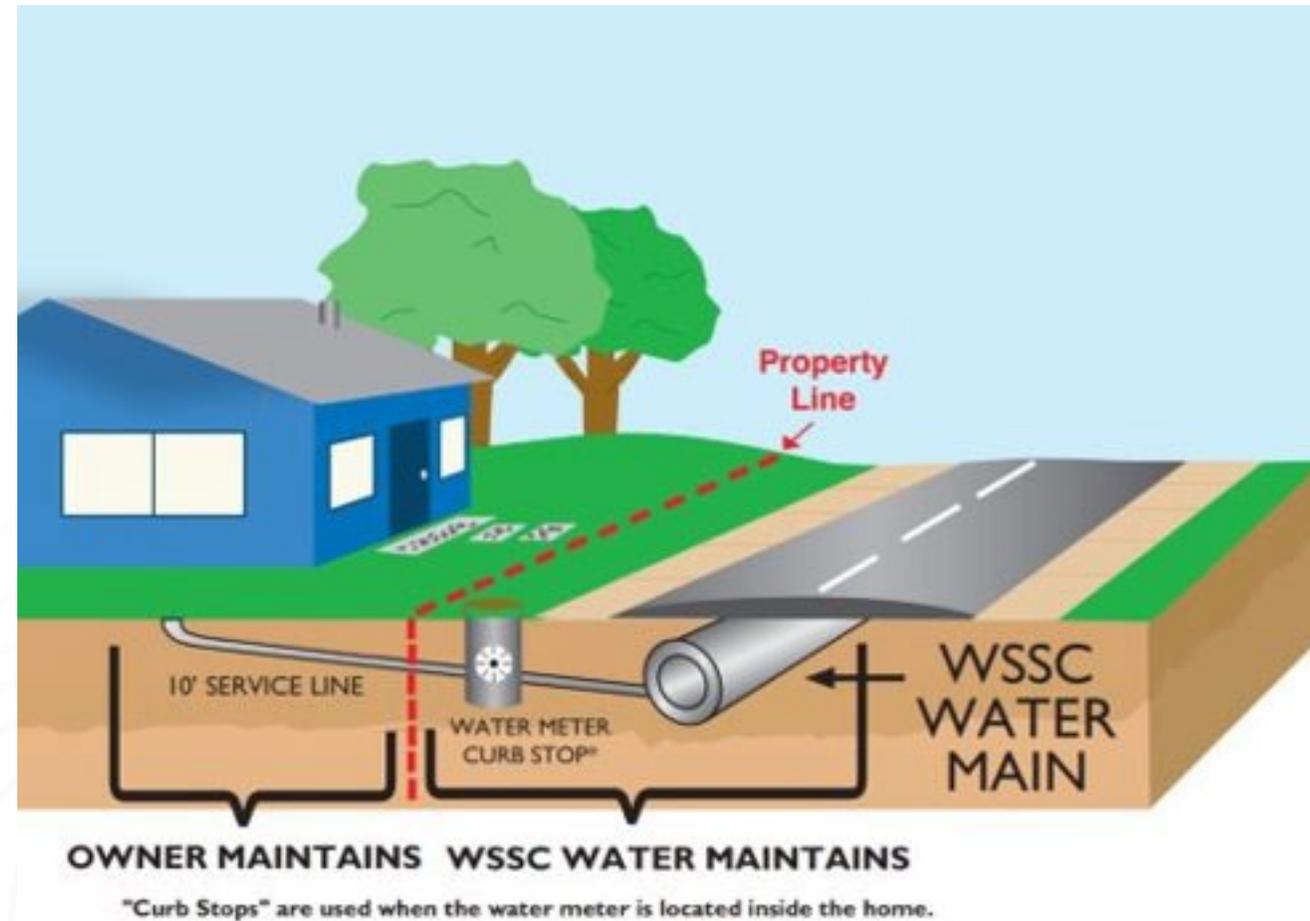
- Currently in construction
- Water main installed from Allspice Drive to Waring Station Road
- Crews are working on installation from Liberty Mill Road to Great Seneca Highway
- Final road restoration, including pavement mill and overlay will start after water main installation is completed

## Phase 2

- Design completed
- Bid Package preparation underway
- Procurement process estimated to be completed by fall 2025

# Project Overview

- New watermain will be installed within the roadway
- New house connections (service lines) will be installed up to property line or water meter/curb stop
- Replacing existing pipes helps reduce disruptions to community, environment and emergency services due to water main breaks



# Project Overview & Challenges

- Existing water mains were originally installed in the 1970s
- Breaks and service disruptions
  - 5 breaks between Dec 2020 and Aug 2022
  - Disruptions to over 4,000 customers and several critical facilities
- Challenges
  - Lack of redundancies/ loops in the area
  - Deteriorating valves and aging water mains
  - Water mains nearing end of their lifecycle



# Mitigation Efforts

- New redundancies in the system
  - A new Pressure Reducing Valve (PRV) is added near intersection of Great Seneca Highway and climbing Ivy Road
  - The added PRV provides a redundancy in the area
- Additional mainline valves installation
  - New water main design includes multiple new valves in the alignment
  - Minimizes service disruption in future
- Replacement of approximately 3.6 miles of existing 24-inch water mains from Liberty Mill Road to First Field Road under 3 phases (1A, 1B, 2)



# Project Map

## Directly Impacted Streets

- Clopper Road from Liberty Mill Road to First Field Road

### WATER MAIN REPLACEMENT CLOPPER ROAD PHASE - 1A, 1B & PHASE 2 MONTGOMERY COUNTY, MARYLAND



# Fire Hydrant Installation

- WSSC Water is responsible for providing **water for fire protection** to Montgomery and Prince George's counties
- To safeguard public safety, we proactively replace and maintain our fire hydrants to monitor water pressure and flow rate, as well as inspect internal working parts to **ensure the highest level of protection**
- Per the Fire Safety Code, the maximum spacing between fire hydrants is **250-600 feet**, depending on the building structure
- WSSC Water fire hydrants are made of cast iron materials and **can last more than 50 years**

WSSC Water fire hydrants have dark green top and gray body.



# Estimated Construction Schedule

## Phase 1A

**April 2024**

Construction Started



**May 2025**

Estimated Construction  
Completion

## Phase 1B

**April 2024**

Construction Started



**September 2025**

Estimated Construction  
Completion

## Phase 2

**November 2025**

Estimated Construction  
Start



**June 2028**

Estimated Construction  
Completion

*Construction schedule is estimated and weather dependent*

# What to Expect During Construction

- Anticipated Work schedule: 9:00 a.m. to 3:30 p.m., Monday-Friday
  - Conditions at some locations may require different work hours
  - Residents will be notified at least two days prior to all construction activities
- Construction activities may include:
  - Marking locations of utilities
  - Field inspections
  - Rehabilitation of water mains and house connections
  - Pavement restoration where digging is necessary
- WSSC Water coordinates with local and state agencies, as well as other utilities for all planned work to avoid potential conflict and minimize disturbances to neighborhoods



# What to Expect During Construction (cont.)

- Open-cut construction method, which involves cutting and excavating a section of the pavement
- This construction method does create noise and dust
- Water is used as a control measure to keep dust from becoming airborne



# Temporary Water Service Installation

- Above ground (bypass) pipes may be installed to maintain water service to your home
  - Bypass pipes are not used in cold weather months
- These pipes will be placed along the roadway edge and provide the same quality of water to your home



# Traffic Impacts

- Certain construction activities may require temporary changes to traffic patterns
  - Traffic will be managed to minimize community disruptions
- Access will be maintained to homes during construction
  - Access into homes is **NOT** required
  - Access onto private property is generally **NOT** required
- Parking restrictions
  - WSSC Water will provide 48-hour advance notice (denoted by “No Parking” signs) before any parking restrictions
  - Any vehicles not removed from the designated area will be towed to a nearby street at no cost to owner
- Final restoration of sidewalks, roadways and landscaping will take place within 90 days of construction completion

*Final restoration may take place in phases when possible*



# Service Impacts

- A temporary overnight water shutdown will occur on Thursday, March 27 from 9 p.m. to 5 a.m.
- In the event of inclement weather, the back up date for this work is Sunday, March 30 from 9 p.m. to 5 a.m.
- This shutdown will affect approximately 500 customers
- WSSC Water will have a water station set up on Tuesday, March 25 in the Giant Parking lot ([18301 Leaman Farm Rd](#)) from 5 p.m. to 8 p.m.
- Notification concerning this shutdown will be posted on NextDoor and the WSSC Water website
- Doorhangers with more information will be distributed to affected addresses on March 19



# Signage and Restoration

- Construction signs with contact persons placed throughout project area
- Projects completed during winter months are permanently paved and restored to their original state or better the following spring



# Project Summary

- **Overview:** Existing water mains are near the end of their useful lives
- **Replacements:** WSSC Water is replacing the water mains and water house connections up to the property line
- **Service:** WSSC Water will minimize service disruptions during construction
- **Coordination:** WSSC Water will coordinate work activities with property owners in the project area
- **Restoration:** WSSC Water will restore all areas impacted by construction activities at the end of the project
- **Objective:** WSSC Water's goal is to provide a reliable water system to customers

# Helping Our Neighbors: Water Bill Assistance



## Promise.

Sign up for an affordable, flexible and interest-free payment plan. **Customers with a past-due balance of \$50 or more are eligible.**



## CUSTOMER ASSISTANCE PROGRAM (CAP)

CAP assists approved residential customers by **waiving fixed fees, providing free annual leak investigations and much more.**



Eligible customers can access the Water Fund multiple times, **up to \$500 per year.**



## PipeER+

Provides a loan **up to \$10,000** to finance the repair, replacement or diagnostics of sewer or water on-property service line. The WSSC Federal Credit Union administers PipeER.



[wsscwater.com/assistance](https://wsscwater.com/assistance)



Contact Us: (301) 206-4001  
customerservice@wsscwater.com



**CNS** Customer Notification System

Receive alerts about WSSC Water-related incidents near your home, office, school, or other important addresses.

Register for *text or email* alerts on up to three addresses.

**REGISTER AT WSSCWATER.COM/CNS**

Customer Notification System (CNS)

**REPORT A WATER OR SEWER EMERGENCY**

**301-206-4002**

**EmergencyCallCenter@wsscwater.com**

**WSSC Water Mobile App**  
Available on Apple App Store and Google Play

Report Water/Sewer Emergency



# Questions?

