



Lower Anacostia Sewer Rehabilitation Project



Agenda

- Introduction to Project Team
- Sewer Rehabilitation Program Overview
- Project Overview
- Project Map

- Sewer Rehabilitation Methods
- Estimated Construction Schedule
- What to Expect During Construction
- Questions & Answers

Project Team



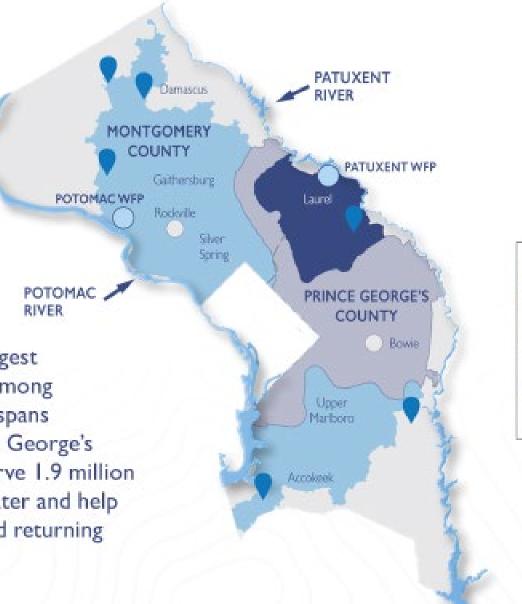
- Lawrence Cumberbatch, Design Project Manager
 301-206-8892, <u>Lawrence.Cumberbatch2@wsscwater.com</u>
- Calvin Johnson, Technical Contracts Supervisor (Construction)
 301-206-4300, <u>Calvin.Johnson@wsscwater.com</u>
- Thomas Johnson, Project Outreach Manager 301-206-8542, Thomas.Johnson@wsscwater.com
- Stephen Billingsley, Customer Advocate 244-444-5803, Stephen.Billingsley@wsscwater.com
- Wilson T. Ballard, Engineering Design Consultants
- Construction Contractor, TBD





WSSC WATER AT A GLANCE

Established in 1918, WSSC Water is the largest water/wastewater utility in Maryland and among the largest in the nation. Our service area spans approximately 1,000 square miles in Prince George's and Montgomery counties. We proudly serve 1.9 million residents with safe and reliable drinking water and help protect the Chesapeake Bay by treating and returning clean water back to Maryland waterways.



Potomac Water Patuxent Water Blended Water Not Served by WSSC Water

SERVICE AREAS

Water Filtration Plant

WSSC WATER AT A GLANCE





162,000,000 GALLONS OF WATER PER DAY



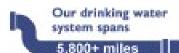












Our wastewater











\$ 1.6 BILLION FY2024



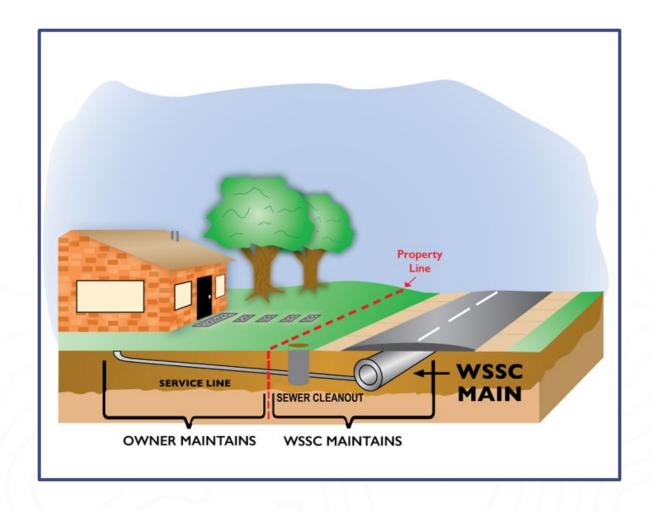


- WSSC Water is strategically replacing and rehabilitating aging infrastructure throughout service area
- Project includes replacing approximately **3.45** miles of sewer mains and house connections to property line
- Approximately 87 manholes will be rehabilitated or replaced
- Sewer pipes and manholes rehabilitated using primary trenchless methods, however those in very poor condition will require excavation to repair and replace.
- Completed project will extend life of sewer pipes by at least 50 years.



Project Overview cont.





- New sewer mains will be installed and rehabbed within roadways.
- New house connections (sewer service lines) will be installed upto the property line, as well as cleanouts
- Replacing existing pipes provides for correcting structural deficiencies in sewer mains that may result from soil settlement, root penetration or corrosion, and often contribute to sewer overflows and backups into homes

Project Map - CRCICKLLLR7247B21



Directly Impacted Streets

40TH PLACE

40[™] STREET

41ST AVENUE

41ST PLACE

42ND PLACE

46TH STREET

48TH STREET

51ST STREET

ANNAPOLIS ROAD

BALTIMORE AVENUE

BANNER STREET

CRITTENDEN STREET

EDMONSTON ROAD

EMERSON STREET

FARRAGUT STREET

RHODE ISLAND AVENUE

TAYLOR STREET

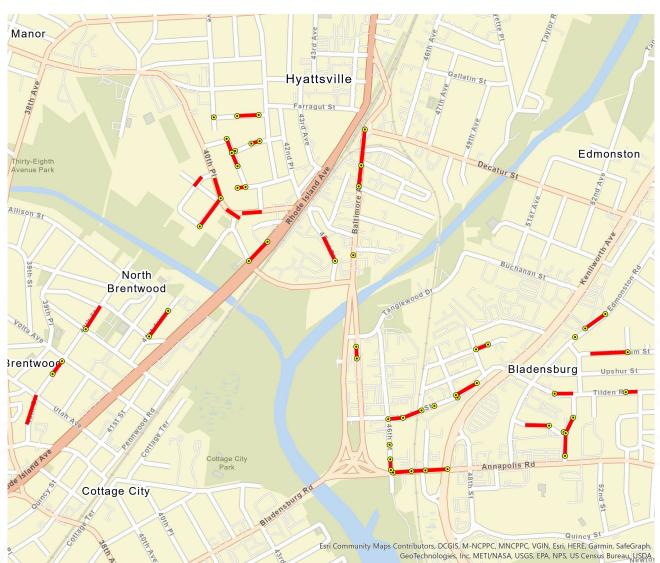
TILDEN ROAD

TILDEN STREET

UPSHUR STREET

VANUM STREET

WEBSTER STREET



Project Map - CRCILLR7247C21



Directly Impacted Streets

38TH STREET

39TH PLACE

39[™] STREET

ALLISON STEET

BANNER STREET

BUNKER HILL ROAD

COTTAGE TERRACE

RHODE ISLAND AVENUE

TILDEN STREET

UPSHUR STREET

UTAH AVENUE

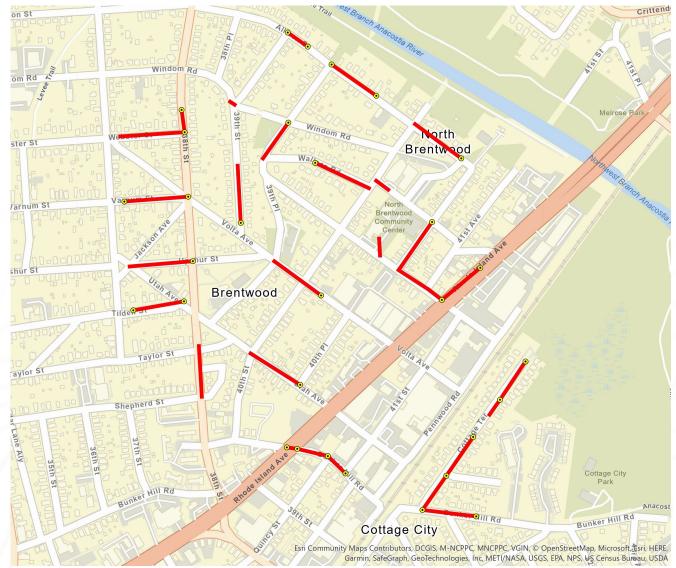
VARNUM STREET

VOLTA AVENUE

WALLACE ROAD

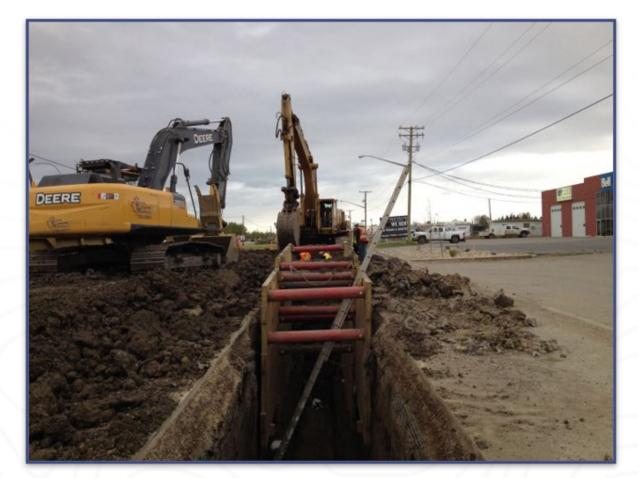
WEBSTER STREET

WINDOM ROAD



Sewer Rehabilitation Method:

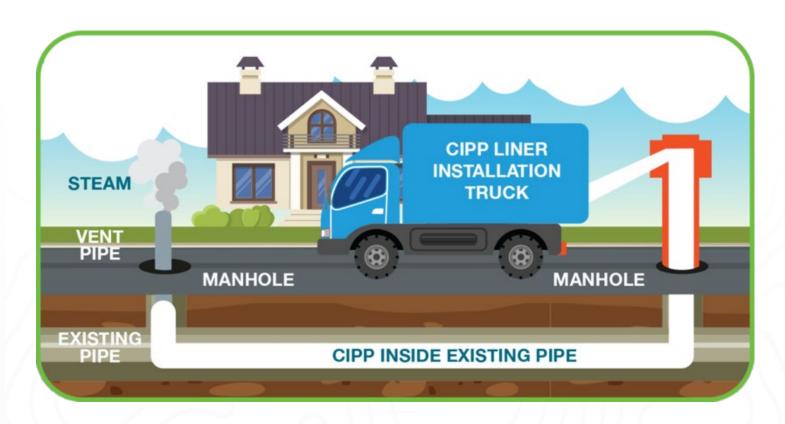
Open Trench







Sewer Rehabilitation Method: Pipe Lining





Manhole Rehabilitation















Tree Removal and Pruning

- Per Department of Natural Resources Maryland Forest Service Public Agency Tree Maintenance Permit, construction methods that minimize tree impacts must be examined
- Prior to final decision to remove a tree, WSSC Water considers the following factors:
 - Size, species and structural condition of the tree
 - Impact tree will have on utility assets
 - Feasibility of relocating infrastructure or using trenchless methods
- WSSC Water Urban Forester supervises all tree removal and pruning





Pipes and Trees

Do not Mix!

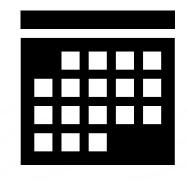


Estimated Construction Schedule wss



• Expected Construction Start Date: July 2024

• Estimated Construction Duration: 17 months



• Expected Construction Finish Date: December 2025 (Weather Permitting)

What to Expect During Construction



- Anticipated Work schedule: 8:00 a.m. to 4:00 p.m., Monday-Friday
 - Conditions at some locations may require different work hours
 - Residents notified at least two days prior to all construction activities
- Construction activities may include:
 - Marking locations of utilities
 - Field inspections
 - Rehabilitation of sewer mains, manholes and laterals
 - 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.

- Reliable sewer service will be maintained during construction
- Street parking will be limited on streets with <u>active</u> construction.
 - 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 <u>may require</u> temporary closures and delays.
- Access from the public roadway to businesses and homes will be maintained at all times.
- Entry into homes is NOT required.

Traffic Impacts



• Certain construction activities may require temporary changes to traffic

patterns

• Traffic will be managed to minimize community disruptions

- Access to homes maintained during construction
 - Access into homes is <u>NOT</u> required
 - Access onto private property is generally <u>NOT</u> required
- Parking restrictions
 - WSSC Water will provide 48-hour advance notice (denoted by "No Parking" signs) prior to any parking restrictions
 - Any vehicles not been 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

Contact WSSC Water



• Customer Service | Monday-Friday, 8:00 a.m. to 6:00 p.m.

Phone: 301.206.4001 | 1.800.634.8400

Email: <u>customerservice@wsscwater.com</u>

24-Hour Emergency Call Center

Water Emergency, Sewer Emergency or Discolored Water

Phone: 301.206.4002 | Email: emergencycallcenter@wsscwater.com

Report a Problem: <u>wsscwater.com/customer-service/report-problem</u>

Discolored Water: <u>wsscwater.com/discoloredwater</u>

File a Claim

Phone: 301.206.7095

Online: wsscwater.com/claims

WSSC Water Financial Assistance Programs

Online: https://www.wsscwater.com/assistance

Customer Notification System Sign-Up

Online: www.wsscwater.com/cns, email and/or text alerts on work in your neighborhood













HELPING OUR NEIGHBORS WATER BILL ASSISTANCE



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



New applicants may qualify for up to \$10,000 to help pay for your past-due water/sewer bill. Applications accepted through December 31, 2023.

Customer Assistance Program (CAP) CAP assists approved residential customers by waiving fixed fees, providing free annual plumbing inspections for water leaks, and much more.



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

https://www.wsscwater.com/assistance





Questions?

