



SLIGO CREEK SEWER REHABILITATION

Project No. CRCILR7177B21 & CRCILR7358B22 & CI7662A23

June 21, 2023

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



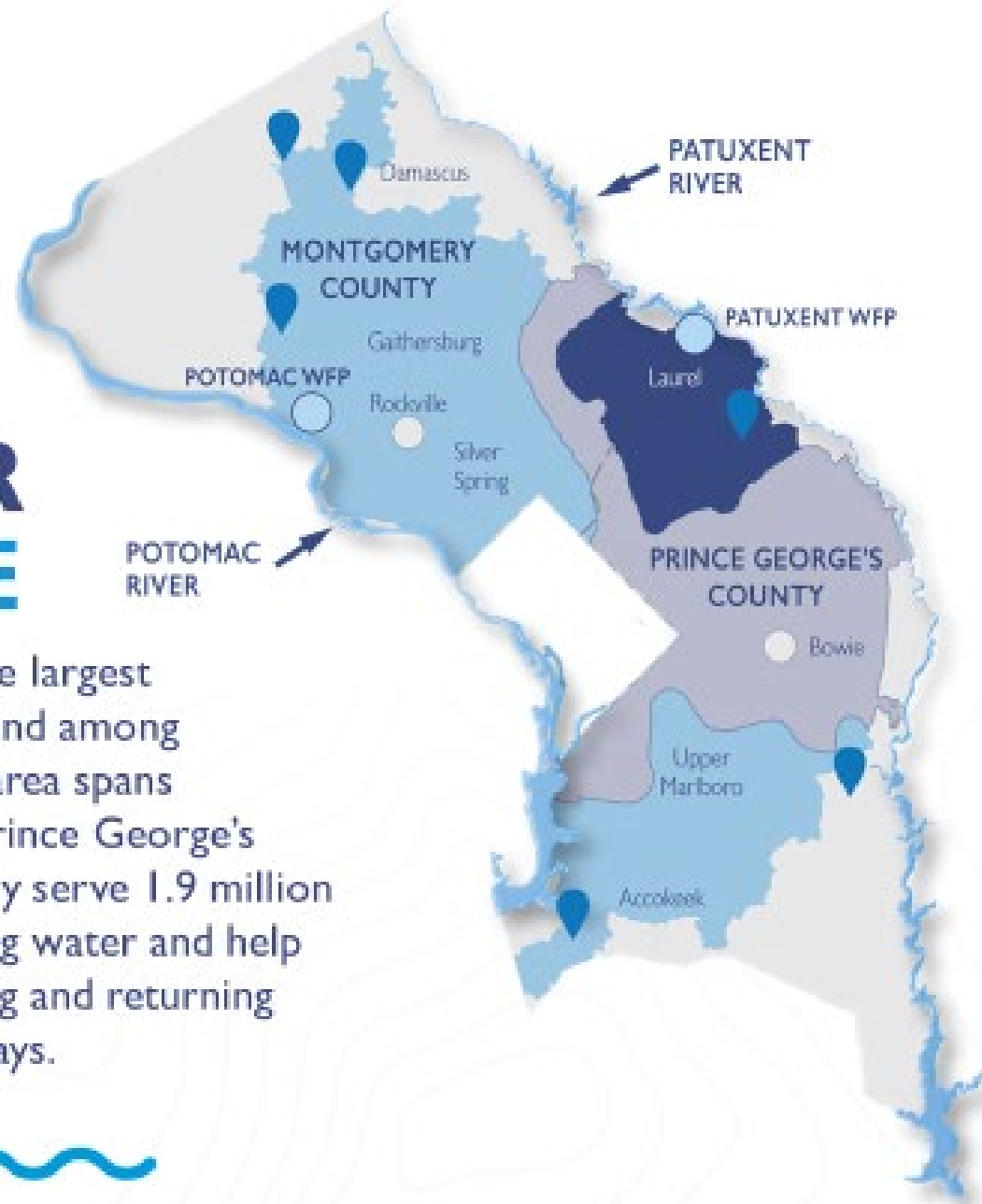
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- Timothy Brooks, Technical Contracts Supervisor (Construction)
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- Brandon Stewart, Customer Advocate
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- Michael Baker International, Engineering Design Consultants
- Pleasants Construction, Construction Contractor.
- AM-Liner East, INC, Construction Contractor.
- IPR Northeast, LLC, Construction Contractor.

105 years & counting
No drinking water quality violations... ever!



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.



WSSC WATER AT A GLANCE



162,000,000 GALLONS OF
WATER PER DAY
DELIVERED TO **1.9 MILLION RESIDENTS**

3 RESERVOIRS

2 WATER FILTRATION
PLANTS

60 WATER
TANKS

55 PUMPING
STATIONS

6 WATER RESOURCE
RECOVERY FACILITIES

1,630 EMPLOYEES

Our drinking water
system spans
5,800+ miles

Our wastewater
system spans
5,600+ miles

500,000 WATER QUALITY
TESTS PER YEAR

504,800 METERS IN
OUR SYSTEM

2.25 MILLION METER READS
PER YEAR

TEAM H₂O



\$5.3 MILLION

FINANCIAL ASSISTANCE TO 12,345 CUSTOMERS
SINCE THE PANDEMIC BEGAN.
(WSSC WATER, FEDERAL, AND STATE PROGRAMS)

17,343

RESIDENTS ENROLLED IN OUR CUSTOMER
ASSISTANCE PROGRAM IN FY 2022.
(\$1.8 MILLION BENEFIT TO ENROLLEES)

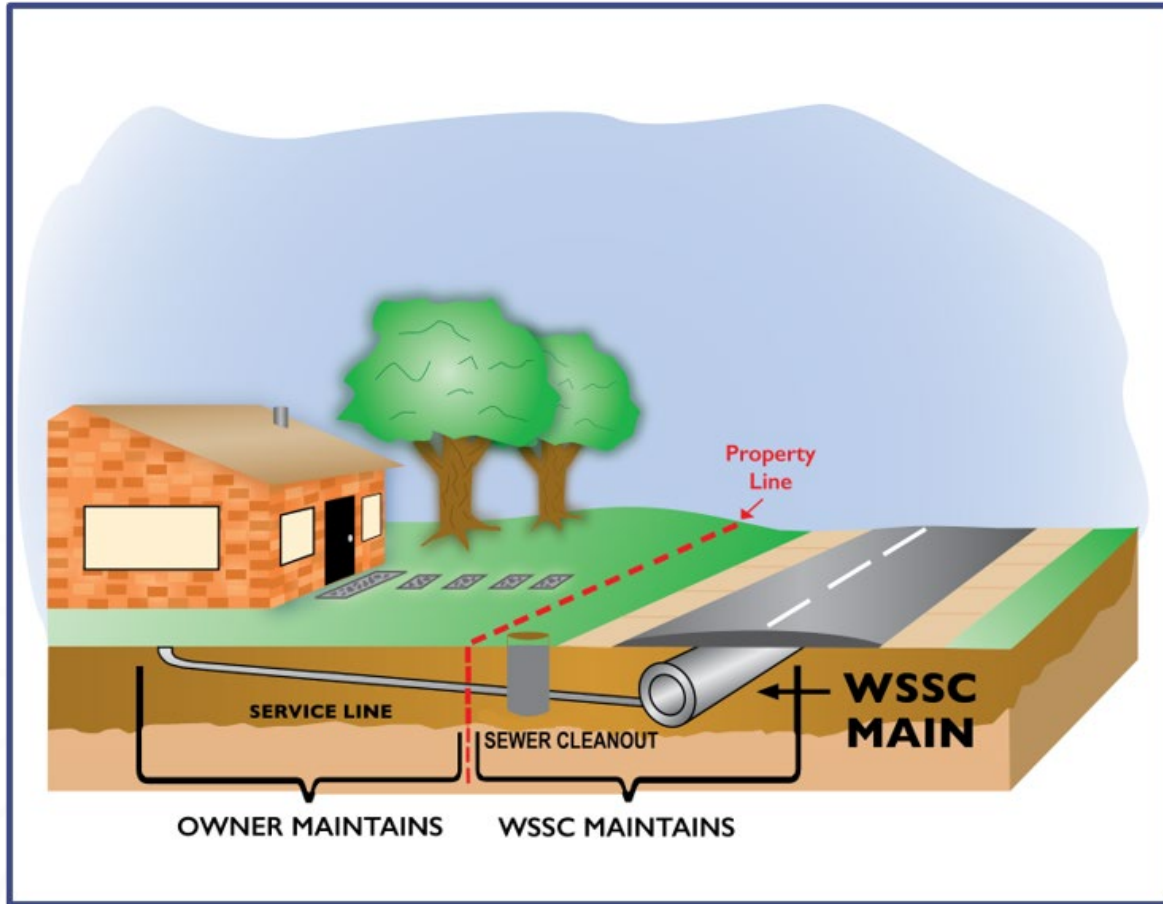
\$1.6 BILLION FY2024
PROPOSED BUDGET

Project Overview

- WSSC Water is strategically replacing and rehabilitating aging infrastructure throughout service area
- Projects includes replacing approximately **7.79 miles** of sewer mains and house connections to property line
- Approximately **191** 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 installed and rehabbed within roadways.
- Sewer house connections (up to the property lines) replaced and reconnected where sewer pipes are replaced.
- 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 for CRCILL7358B22



Directly Impacted Streets

- SHERWOOD RD
- FOREST GROVE DR
- WOODLAND DR
- SANFORD RD
- GEORGIA AVE
- MYRTLE RD
- FOREST GLEN RD
- WOODLAND DR
- DAMERON DR
- ADMIRALTY DR
- SAXONY RD
- BELVEDERE BLV
- TILTON DR
- AUGUST DR
- BRISBANE ST
- CODY DR
- EVEREST ST
- DUBLIN DR
- ALCAN DR



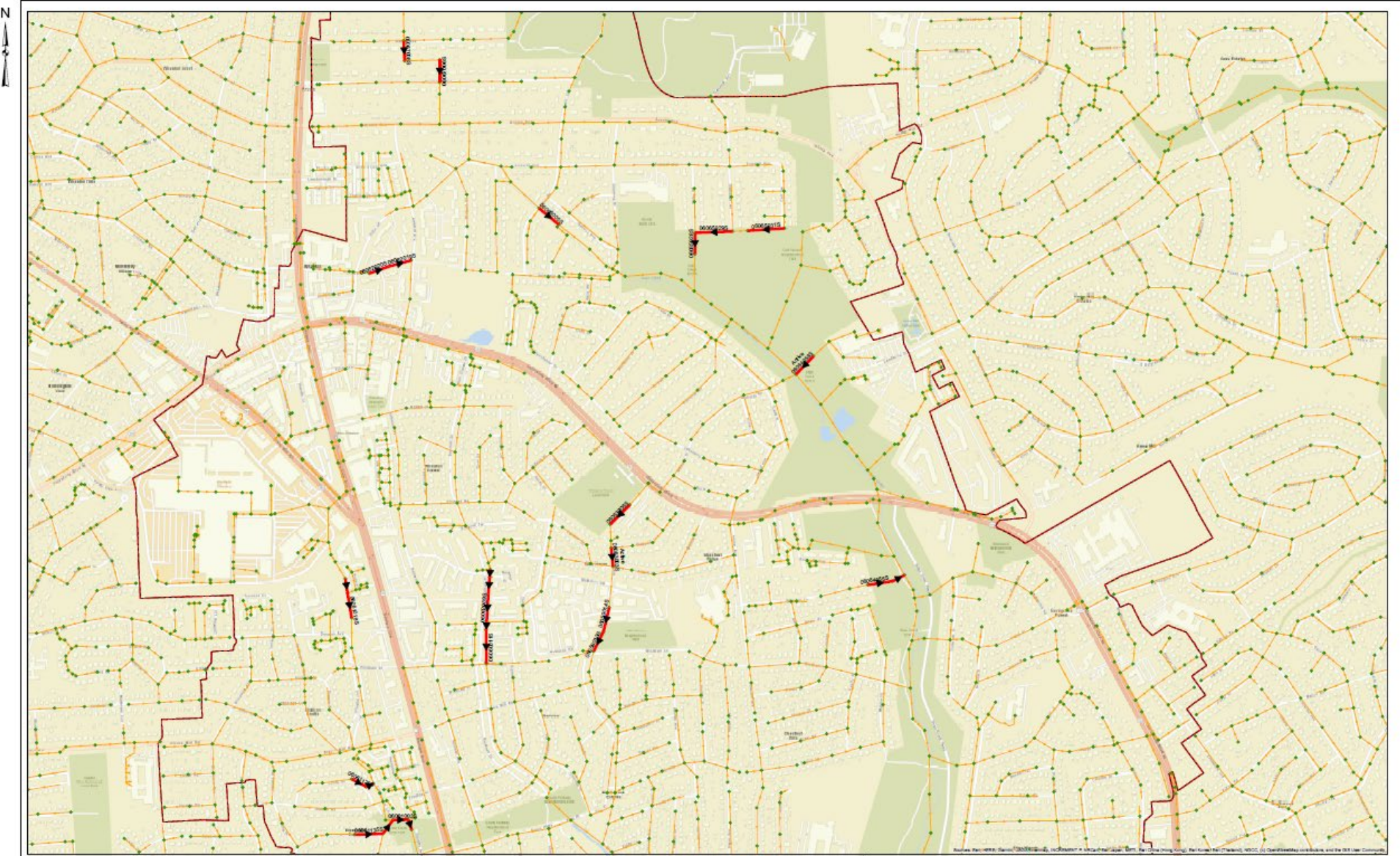
Project Map for CRCILL7177B2I

Directly Impacted Street

- DOMER AVENUE
- PINEY BRANCH ROAD
- CLAYBORN AVENUE
- BROWNING AVENUE
- HADDON DRIVE
- SLIGO CREEK PARKWAY
- FLOWER AVENUE
- EASTRIDGE AVENUE
- EASTRIDGE ROAD
- ROANOKE AVENUE
- HUDSON AVENUE
- FLEETWOOD STREET
- WAYNE AVENUE
- FLEETWOOD TERRACE
- GARLAND AVENUE
- ARLISS STREET
- WALDEN ROAD
- PLYMOUTH STREET
- SUDBURY ROAD
- ERIE STREET
- HILLTOP ROAD
- GENEVA AVENUE
- RITCHIE AVENUE
- SUNNYSIDE ROAD
- PARKSIDE ROAD
- BOULDER LANE
- MAPLE AVENUE
- ERIE AVENUE
- MAPLEWOOD AVENUE
- MAYOR LANE



Project Map for CI7662A23



Directly Impacted Street

- Three Oak DR
- Melbourne AVE
- Schuyler RD
- Noyes DR
- Colesville RD
- Dayton ST
- Hamilton Ave
- Glenhaven DR
- Windham LN
- Bucknell DR
- Pennydog LN
- Raphart Way
- Lillian DR
- Haywood DR
- Elkin ST
- Bucknell DR
- Glenhaven PKWY
- Glenhaven PL
- University Blvd
- Wheaton LN
- Yates ST
- Colt TER
- Nairn RD
- Hermitage AVE
- Parker Ave

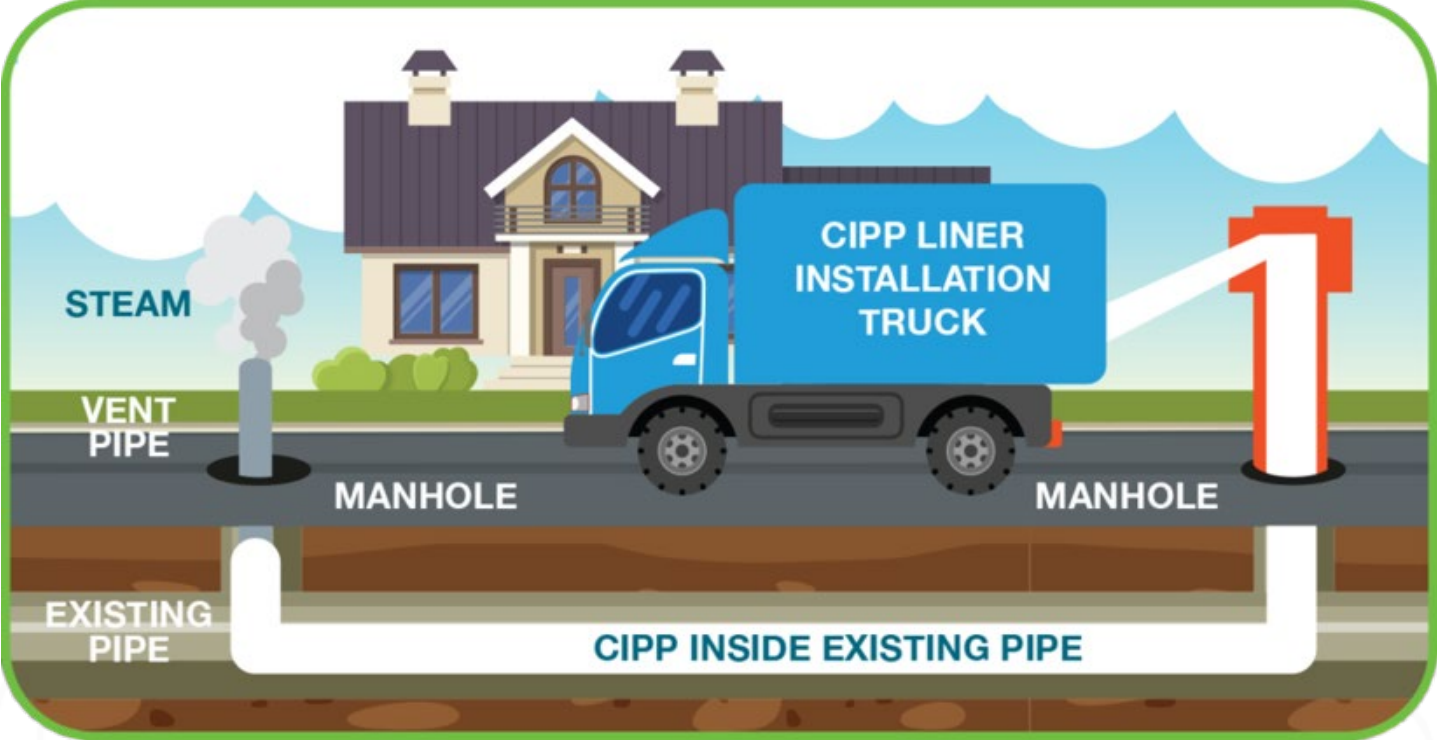
NOT TO SCALE

SLIGO CREEK BASIN
 LOW IMPACT
 DESIGN CONTRACT NO. CI7063A21
 JOB NO. CI7662A23
 TASK ORDER NO. 06-04

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

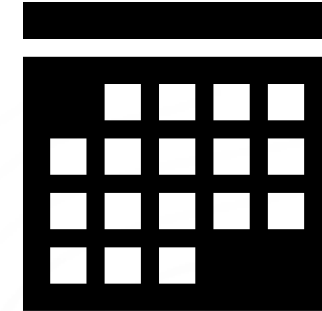


Pipes and Trees
Do not Mix!



Estimated Construction Schedule

- Expected Construction Start Date: Summer 2023
- Estimated Construction Duration: Over 2 Years
- Expected Construction Finish Date: Winter 2025
(*Weather Permitting*)



Construction schedules are estimated and weather permitting

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 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 active 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 may require 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.
- Entry on to property may be needed. WSSC Water contact each customer directly if necessary.

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 **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) 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, 7:30 a.m. to 7:00 p.m.

Phone: 301.206.4001 | 1.800.634.8400

Email: customerservice@wsscwater.com



- **24-Hour Emergency Call Center**

Water Emergency, Sewer Emergency or Discolored Water

Phone: 301.206.4002 | Email: emergencycallcenter@wsscwater.com

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

Discolored Water: wsscwater.com/discoloredwater



- **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

FINANCIAL ASSISTANCE
for Our Neighbors



Questions?

