



# Quarterly Water Main Replacement Projects Upcoming Contract Outreach Event

Pipeline Design Division & Pipeline Construction Division

November 6, 2024

# Strategic Plan for Our **Smart One Water** Future



## Vision

In every home, in every business, we make everything possible by ensuring access to dependable and safe water for everyday life.

## Smart One Water Mission

WSSC Water ensures all communities thrive by ethically delivering safe, reliable and sustainable water and wastewater services.

## Promise

Continue the legacy of treasuring our water, customers and employees through dedicated service for current and future generations.

## Values

Just. Accountable. Caring. Community Focused. Excellent. Trustworthy.

## Strategic Priorities



**Workforce  
Development  
& Culture**



**Justice, Equity,  
Diversity &  
Inclusion**



**Affordability &  
Financial  
Viability**



**Sustainability &  
Resiliency**



**Asset  
Management &  
Infrastructure  
Reliability**



**Optimizing  
Operations**



**Customer  
Engagement &  
Partnerships**



**Digital  
Transformation**

# Agenda

1. Team Introductions
2. Project Objectives
3. Project Overview
4. Project Compliance
5. Questions



# Team Introductions

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## **Pipeline Construction Division (PCD)**

Nadir Al-Salam, Division Manager

Derrick Jones, Acting Section Manager

Gouladril Williams, Project Manager

Henry Peterson, Technical Contract  
Supervisor

## **Pipeline Design Division (PDD)**

Caville Stanbury-Woolery, Division Manager

Yuezhang Wang, Section Manager

Adrienne Capkovic, Project Manager

Tesfai Giorgis, Project Manager

Hardeep Kumar, Project Manager

Darcy Male, Project Manager

Abiodun Ola, Project Manager

Katerina Zambrana, Project Manager

Collin Wissmann, Associate Project Manager



# Project Objectives

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- The water mains have a history of several breaks and leaks resulting in service disruptions to the community.
- The projects include the replacement and rehabilitation of aging water and sewer infrastructure that are nearing the end of their life cycle.
- The water main replacement is a part of the WSSC Water's Reconstruction Program which will replace and rehabilitate approximately 20 miles of water mains in FY25.
- The projects also contribute to our commitment to strategically replace and rehabilitate the aging water and sewer infrastructure throughout our service area.
- WSSC Water's goal is to maintain safe and reliable water services to our customers.



# Project Overview



# Project Overview

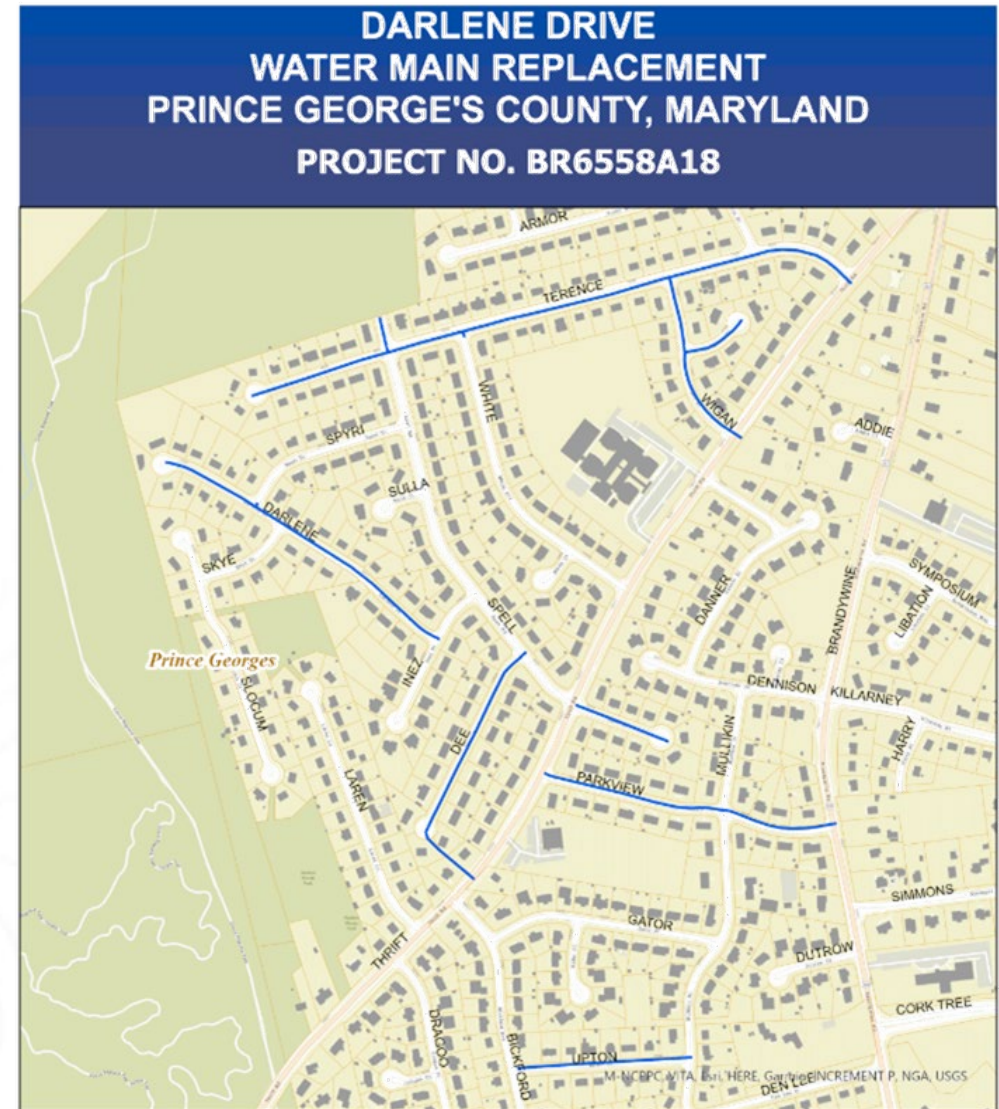
## Darlene Drive

### Water Main Replacement

Contract No. BR6558A18

Location: Clinton - Prince George's County

- Replacement of 535 feet of 4", 78 feet of 6", 5,545 feet of 8", and 865 feet of 12" ductile iron pipe (DIP)
- Relocation of 2,706 feet of 8", and 85 feet of 12" ductile iron pipe (DIP)
- 5,083 feet of water house connections



# Project Overview

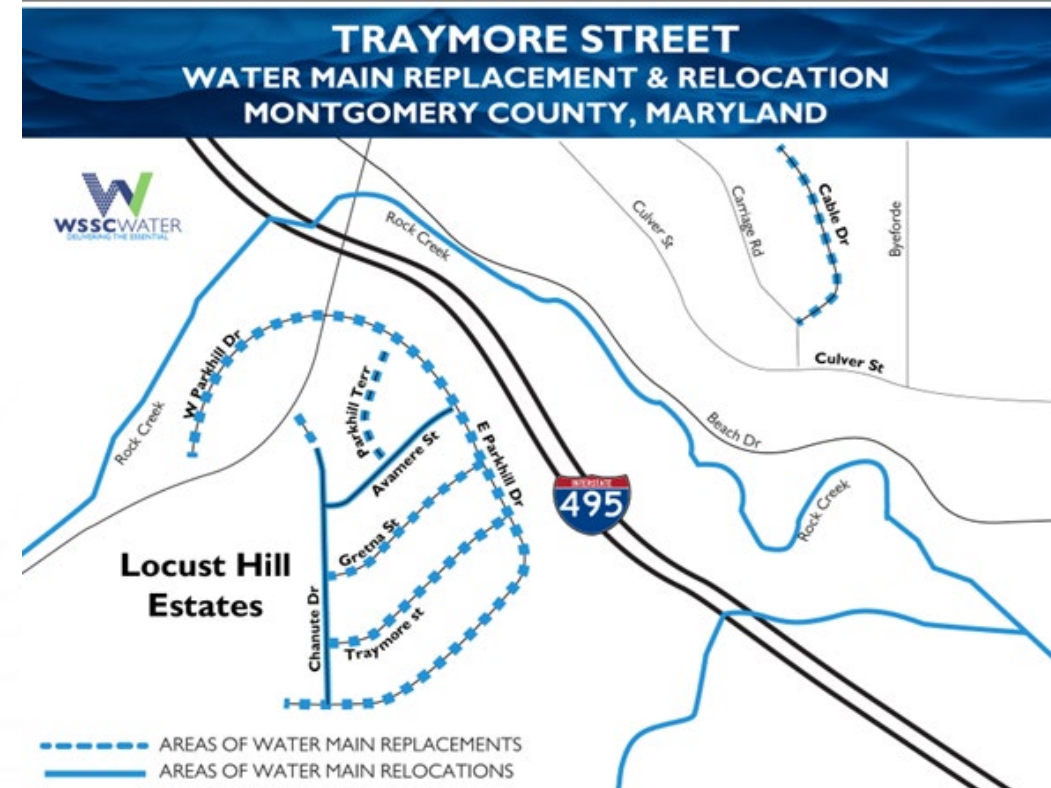
## Traymore Street

### Water/Sewer Main Replacement

Contract No. BRCRLR6713A19

Location: Bethesda – Montgomery County

- Replacement of 7,280 feet of 8" and 1,362 feet of 10", Pritec® -coated ductile iron pipe
- Replacement of 1,386 feet of 8" PVC SDR35 sewer pipe
- 5,083 feet of water house connections
- 1,428 feet of 4" PVC SDR35 sewer house connection



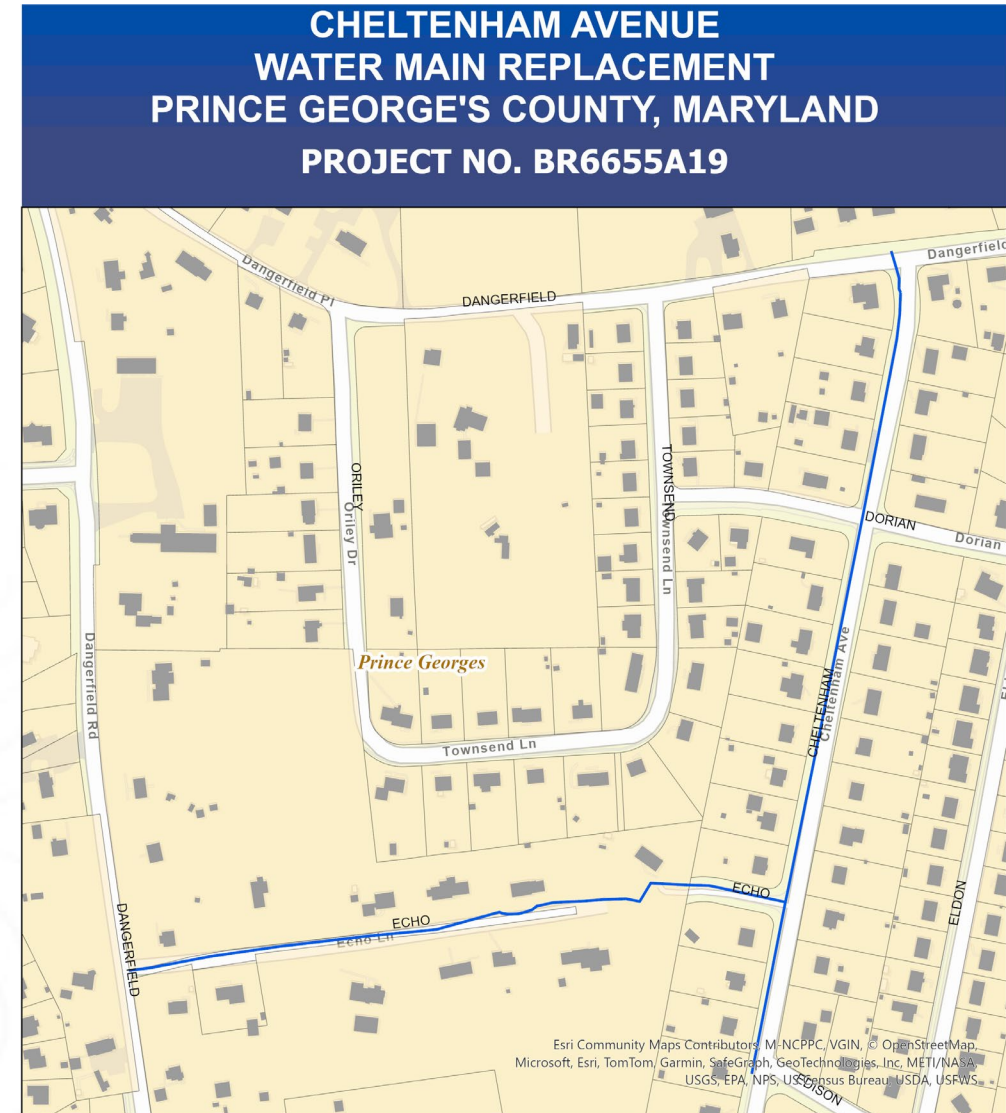
# Project Overview

## Cheltenham Avenue Water Main Replacement

Contract No. BR6655A19

Location: Clinton - Prince George's County

- 295 feet of 8", 1,793 feet of 10", 12 feet of 14" and 38 feet of 16" ductile iron pipe (DIP) same trench replacement
- 1,284 feet of installation of cure-in-place-pipe (CIPP) lining on existing 8" water main
- 1,023 feet of water house connections



# Project Overview

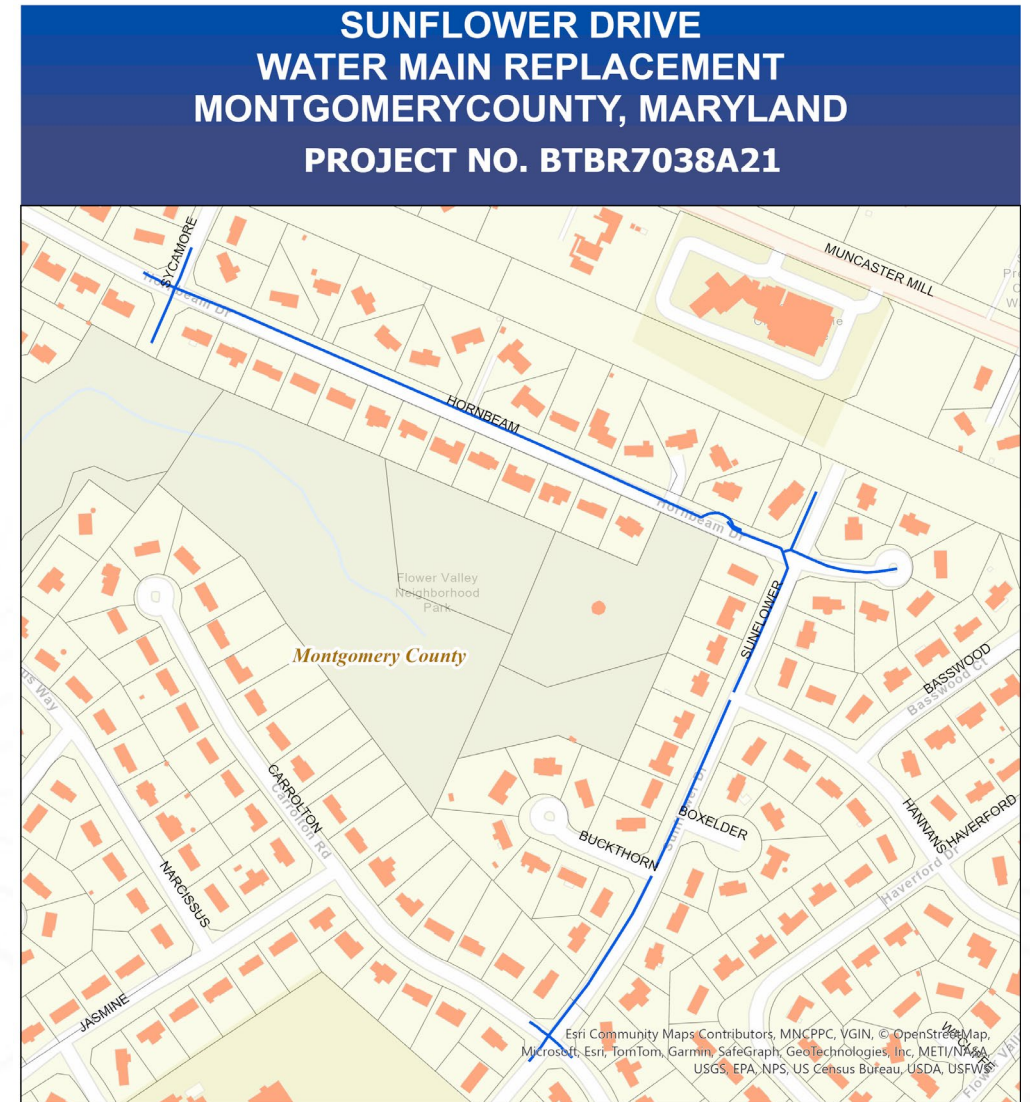
## Sunflower Drive

### Water Main Replacement

Contract No. BTBR7038A21

Location: Rockville - Montgomery County

- 1,457 feet of 16", 1,561 feet of 8", and 231 feet of 4" ductile iron pipe (DIP) same trench replacement
- 120 feet of 16", 441 feet of 8", and 210 feet of 4" ductile iron pipe (DIP) relocation
- 1,607 feet of water house connections



# Project Overview

## Hannon Street

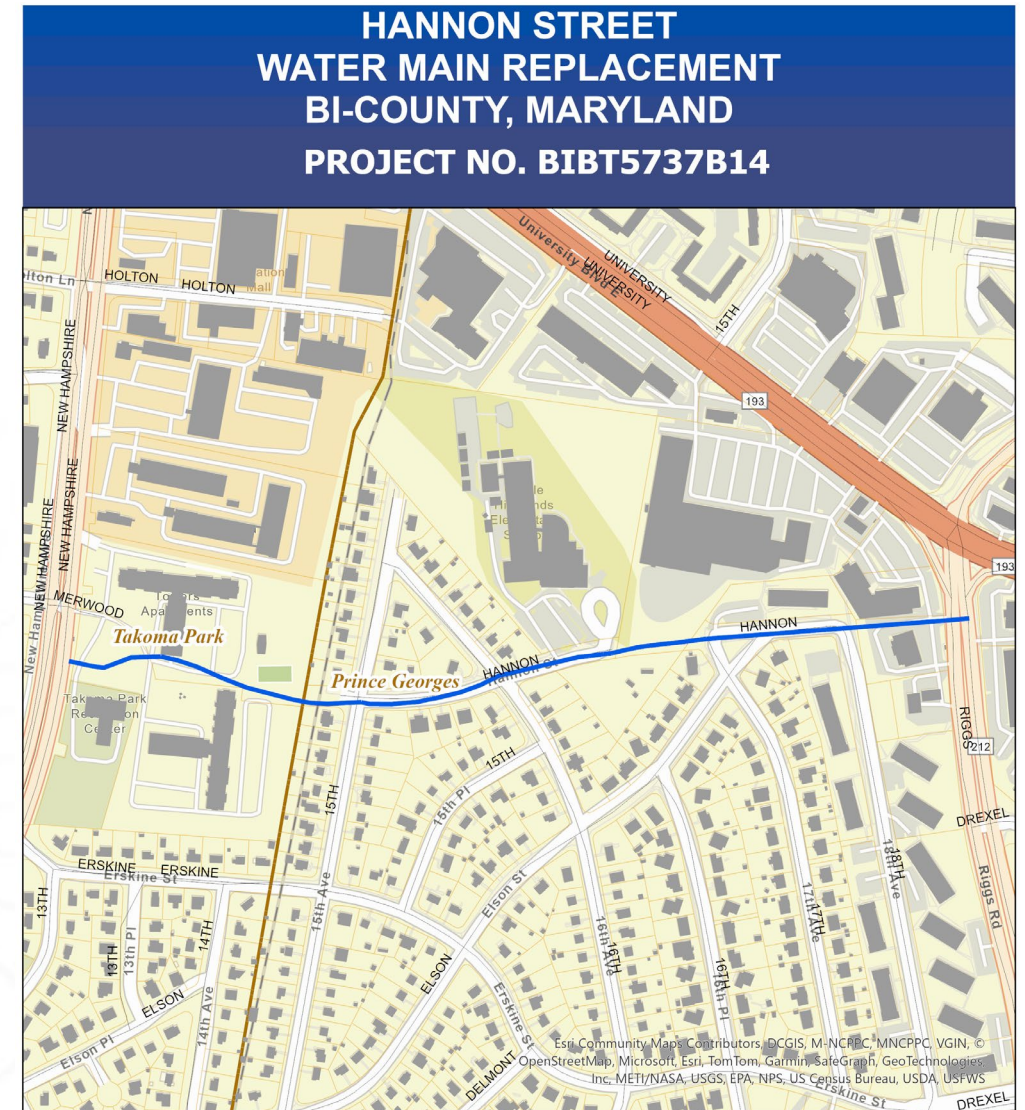
### Water Main Rehab/Replacement

Contract No. BIBT5737B14

Location: Takoma Park – Montgomery County

Location: Hyattsville – Prince George's County

- Replacement of 532 feet of 24", 605 feet of 20" and 238 feet of 8" ductile iron pipe (DIP)
- Rehabilitation through cured-in-place-pipe (CIPP) lining of approximately 503 feet of 24-inch and 741 feet of 20-inch water main
- Interconnection with 24" Transmission mains on New Hampshire and Riggs Road



# Project Overview

## Chestnut Street

### Water Main Replacement

Contract No. BR6943A20

Location: Bethesda – Montgomery County

- Replacement of 155 feet of 4", 10,441 feet of 8" and 2,217 feet of 12" ductile iron pipe (DIP)
- Relocation of 60 feet of 8" and 296 feet of 12" ductile iron pipe (DIP)
- 7220 feet of water house connections



# Project Overview

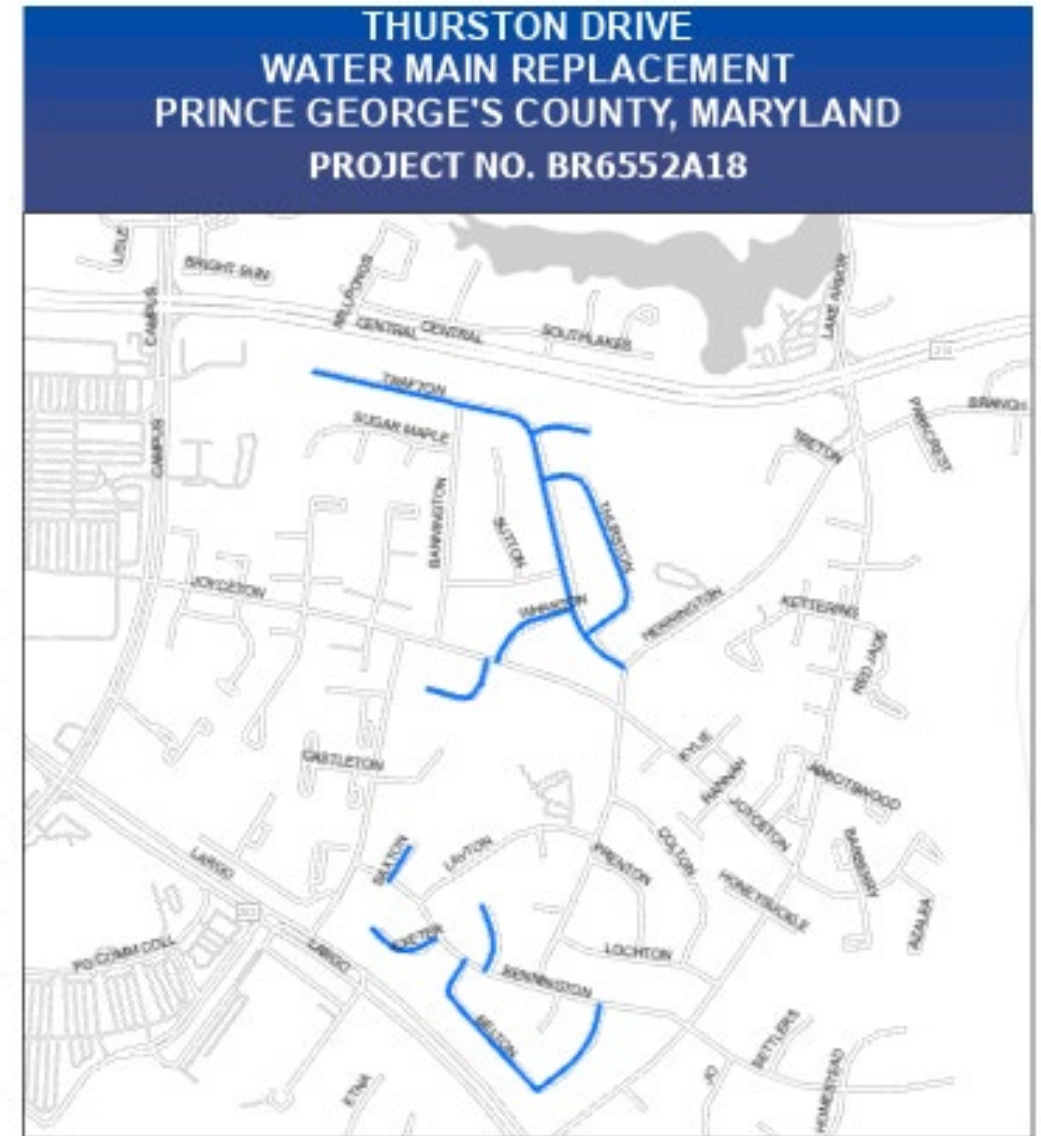
## Thurston Drive Water Main Replacement

Contract No. BR6552A18

Location: Kettering – Prince George's County

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- Relocation of 200 feet of 8" and 23 feet of 10" ductile iron pipe (DIP)
- Replacement of 1,208 feet of 4", 5,986 of 8", and 2,287 feet of 10" ductile iron pipe (DIP)
- 5,235 feet of water house connections



# Project Overview

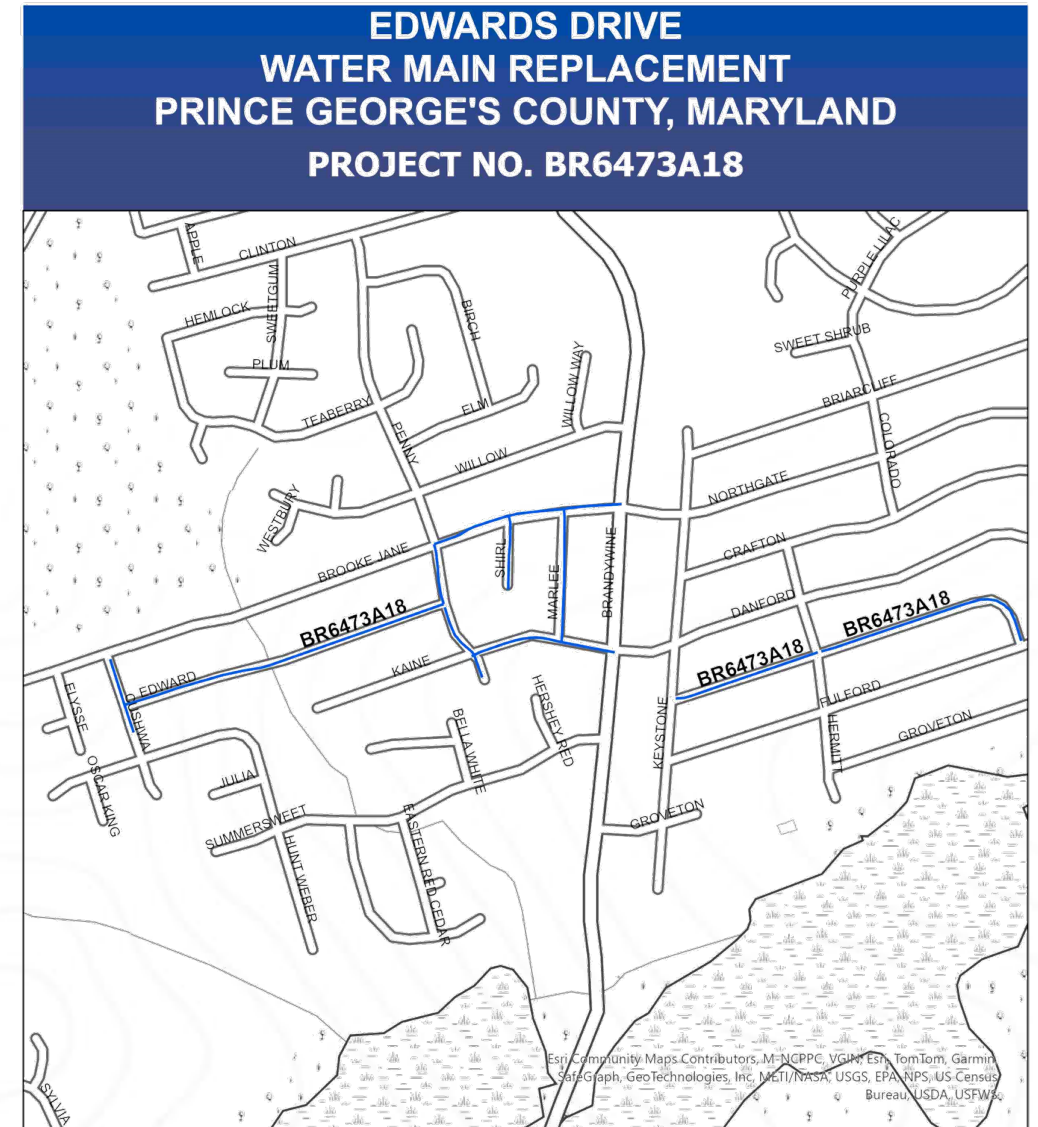
## Edwards Drive

## Water Main Replacement

Contract No. BR6473A18

Location: Clinton – Prince George's  
County

- Replacement of 364 feet of 3", 5,471 feet of 6", and 2,257 feet of 8" ductile iron pipe (DIP)
- 5,229 feet of water house connections





# Project Overview

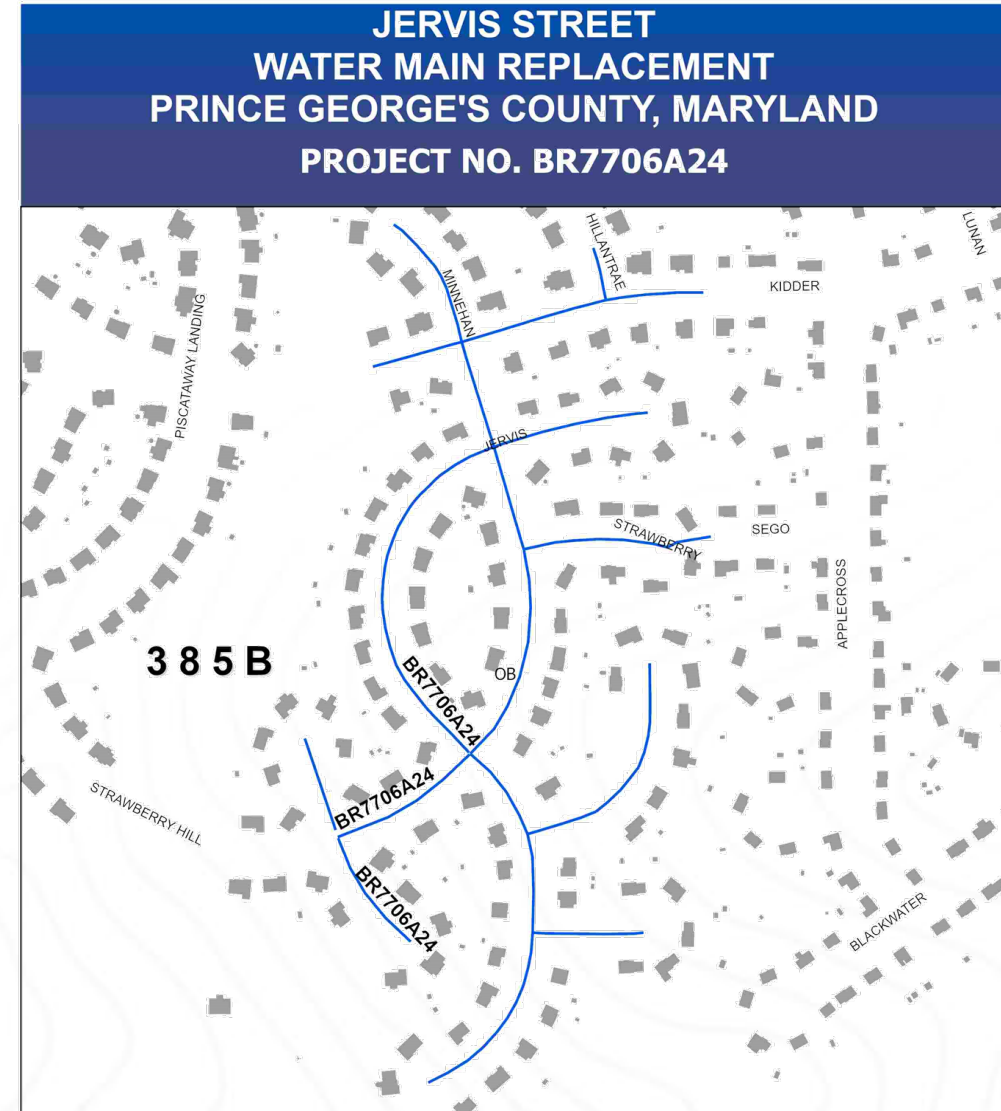
## Jervis Street

## Water Main Replacement

Contract No. BR7706A24

Location: Clinton – Prince George's  
County

- Replacement of 577 feet of 4", 5,719 feet of 8", and 920 feet of 10" ductile iron pipe (DIP)
- 3,558 feet of water house connections



# Project Overview

## Trailway Drive

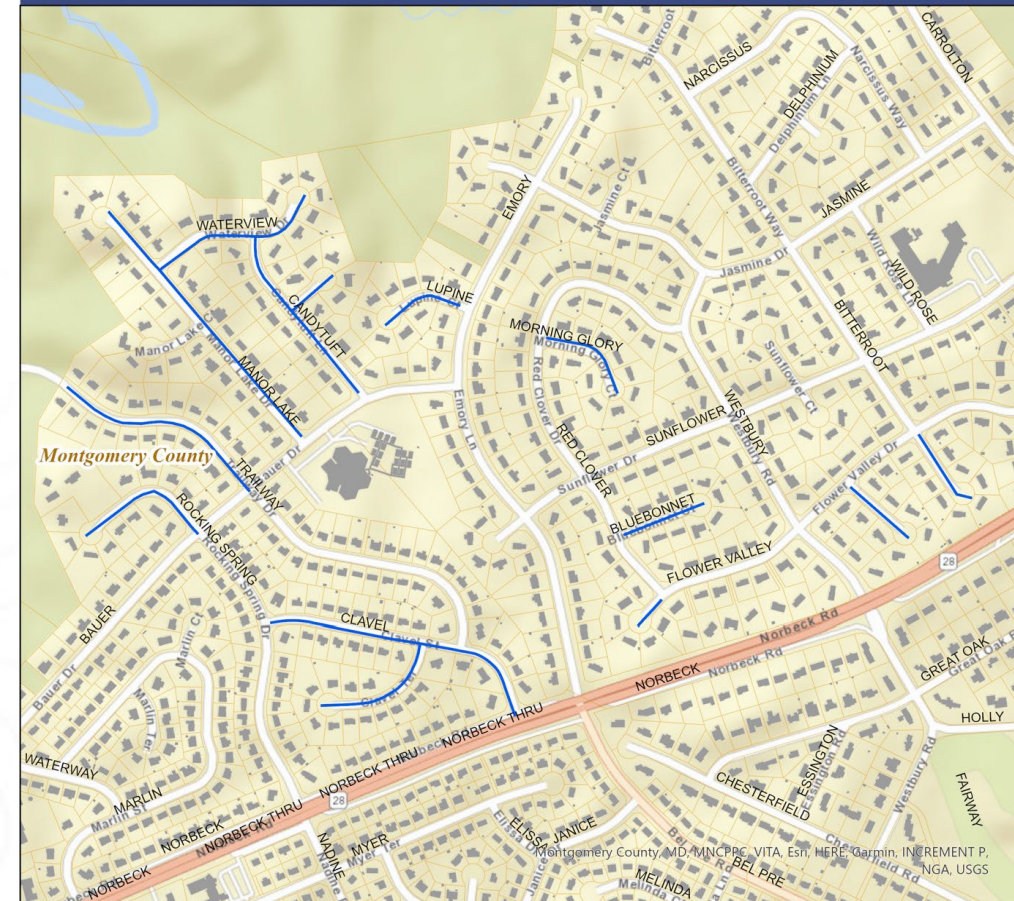
## Water Main Replacement

Contract No. BR6521A18

Location: Rockville– Montgomery County

- Replacement of 143 feet of 4", 2,033 feet of 8" and 749 feet of 10" ductile iron pipe (DIP)
- Relocation of 1,910 feet of 4" and 6,324 feet of 8" ductile iron pipe (DIP)
- 5,852 feet of water house connections

### TRAILWAY DRIVE WATER MAIN REPLACEMENT MONTGOMERY COUNTY, MARYLAND PROJECT NO. BR6521A18



# Project Overview

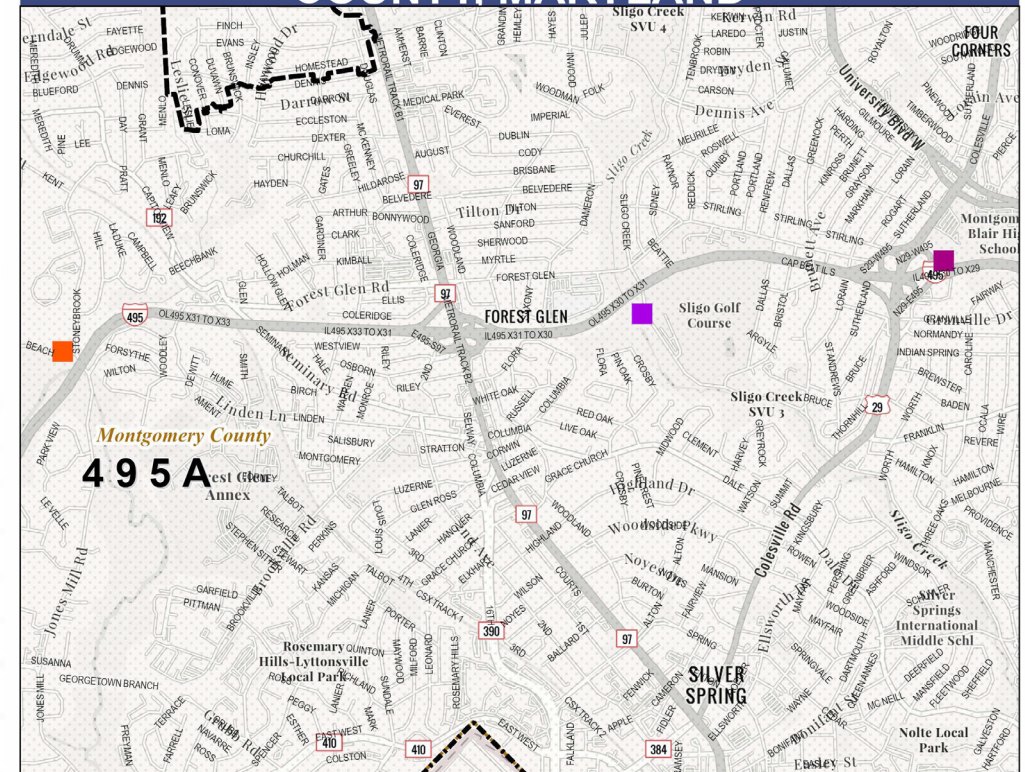
## Three Large Valve Vault Replacements

Contract No. BT7292A22, BT7293A22, BT7294A22

Location: Kensington and Silver Spring – Montgomery County

- Installation of 30", 48", and 54" large water valves and vaults
- Replacement of 106 feet of 54" and 52 feet of 48" ductile iron pipe (DIP)

### THREE LARGE VALVE VAULT REPLACEMENTS VARIOUS LOCATION IN MONTGOMERY COUNTY, MARYLAND



- BT7293A22 - BEACH DRIVE - 54 INCH LARGE VALVE VAULT AND WATER MAIN REPLACEMENT
- BT7292A22 - SLIGO CREEK - 48 INCH LARGE VALVE VAULT AND WATER MAIN REPLACEMENT
- BT7294A22 - COLESVILLE ROAD - 30 INCH LARGE VALVE VAULT REPLACEMENT



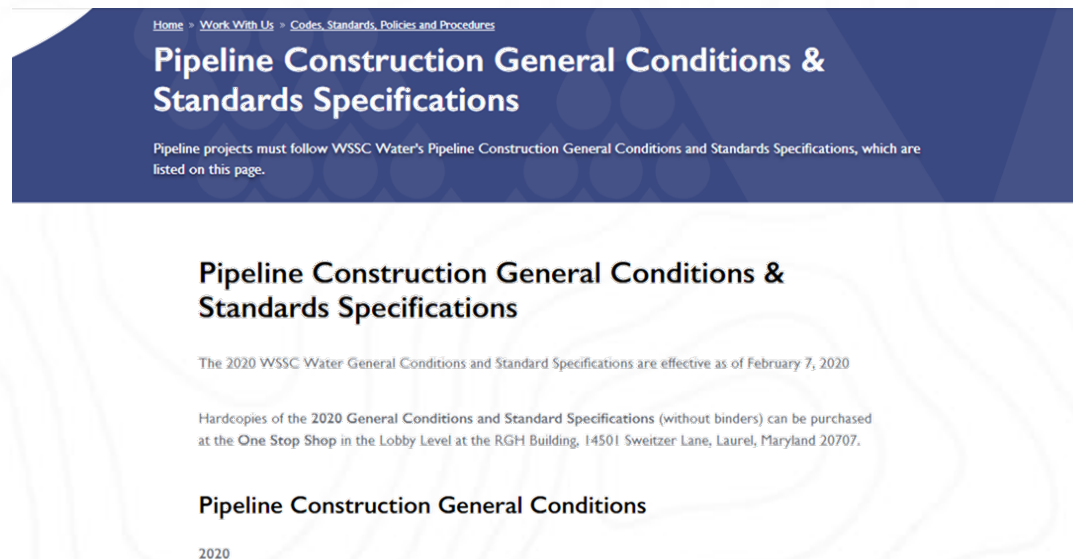
# Project Compliance

# Project Compliance

Contractors need to comply with all contract documents while working on WSSC Water projects.

## **WSSC Water Pipeline Construction Conditions & Standards**

<https://www.wsscwater.com/work-with-us/codes-standards-policies-and-procedures/pipeline-construction-general-conditions-standards>



Home > Work With Us > Codes, Standards, Policies and Procedures

### Pipeline Construction General Conditions & Standards Specifications

Pipeline projects must follow WSSC Water's Pipeline Construction General Conditions and Standards Specifications, which are listed on this page.

### Pipeline Construction General Conditions & Standards Specifications

The 2020 WSSC Water General Conditions and Standard Specifications are effective as of February 7, 2020

Hardcopies of the 2020 General Conditions and Standard Specifications (without binders) can be purchased at the One Stop Shop in the Lobby Level at the RGH Building, 14501 Sweitzer Lane, Laurel, Maryland 20707.

### Pipeline Construction General Conditions

2020

# Project Compliance

Non-compliance can result in customer complaints, vehicle claims, and damage to WSSC Water's reputation.

[Construction tearing up residents cars along Old Branch Avenue | wusa9.com](https://www.wusa9.com)



# Project Compliance

Non-compliance can also impact WSSC Water from carrying out its mission to deliver safe, reliable and sustainable water and wastewater.

[https://www.youtube.com/watch?v=oZ-l-\\_mXAto](https://www.youtube.com/watch?v=oZ-l-_mXAto)



# Project Compliance

Specifications associated with Contractor non-compliance on WSSC Water projects.

- 01770: Project Clean Up
- 02315: Earthwork for Pipeline Construction
- 02510: Water Distribution System
- 02950: Pavement Requirements



# Project Compliance

## Spec 01770: Project Clean Up Daily Clean-Up of Work Site

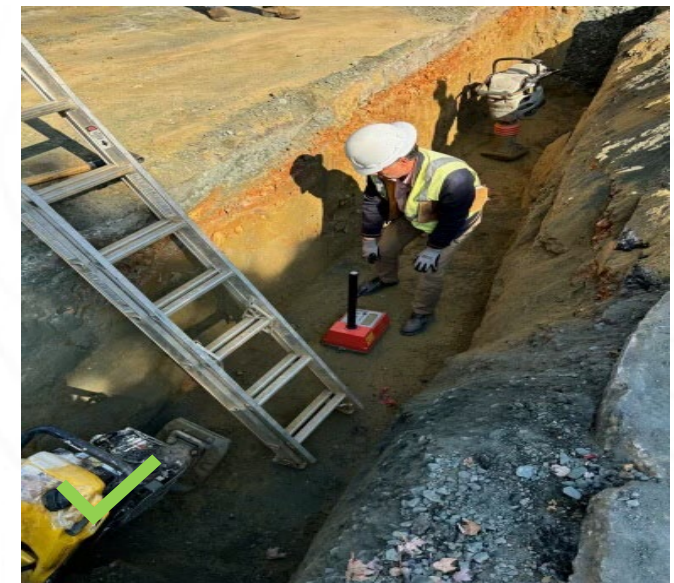
- Proceed with construction clean-up as construction progresses
- Remove mud, oil, grease, soil, gravel, trash, scrap, debris, and excess materials that are unsightly or may cause accidents to persons or properties.
- Restore disturbed areas including, but not limited to staging and stockpiling areas, construction strips, access roads, stream crossings, and areas within acquired right of way
- Leave premises orderly and broom-clean



# Project Compliance

## Spec 02315: Earthwork for Pipeline Construction Compaction Testing and Reporting

- Testing shall be performed on each lift in the pipe embedment zone and the final backfill zone starting from 6 inches above the bottom of excavation to the finished grade as shown on WSSC Water Standard Details.
- Certified compaction test reports must be submitted to the WSSC Water Contract Manager within five (5) business days of the work being performed.



# Project Compliance

## Spec 02510: Water Distribution System Operating Valves and System Shutoffs

- After the bacteriological analysis is completed and approved by the Engineer, provide written request to shut down main three (3) working days prior to intent.
- Intent to shut down mains between 4 p.m. and 7:30 a.m., and on Saturdays, Sundays and holidays requires five (5) working days written request.
- Mains smaller than 16 inches: Operate valves under direct supervision of certified WSSC Water employee.
- Mains 16 inches and larger: Commission will operate valves for shutdown.

Water Main Work Order Request

EMAIL TO: #WO-ShutdownRequest		
E Mail From:	Phone No.:	Printer Remote No.:
Requestor:	Office Phone No.:	Cell No.:
Depot: <input type="checkbox"/> Anacostia <input type="checkbox"/> Gaithersburg <input type="checkbox"/> Lytonsville <input type="checkbox"/> RGH <input type="checkbox"/> Temple Hills		
Date of Request:	Contract No.:	
Contractor:	Location (nearest town):	

<b>SHUT DOWN</b>		Date:	W.O. #:	
From: 0:00	To: 0:00	To be done by <input type="checkbox"/> WSSC <input type="checkbox"/> Contractor		
Subdivision:		Hundred Block & Street Name:		
Hundred Blk & St:		Hundred Blk & St:		
County:	Page(s):	Grid(s):		
200'SHT #	V#	V#	V#	V#
200'SHT #	V#	V#	V#	V#
200'SHT #	V#	V#	V#	V#
200'SHT #	V#	V#	V#	V#
<i>Reason for Shut Down:</i>				
<input type="checkbox"/> Other: . . .				
<i>This Shut Down:</i>			Number of Customers Impacted:	

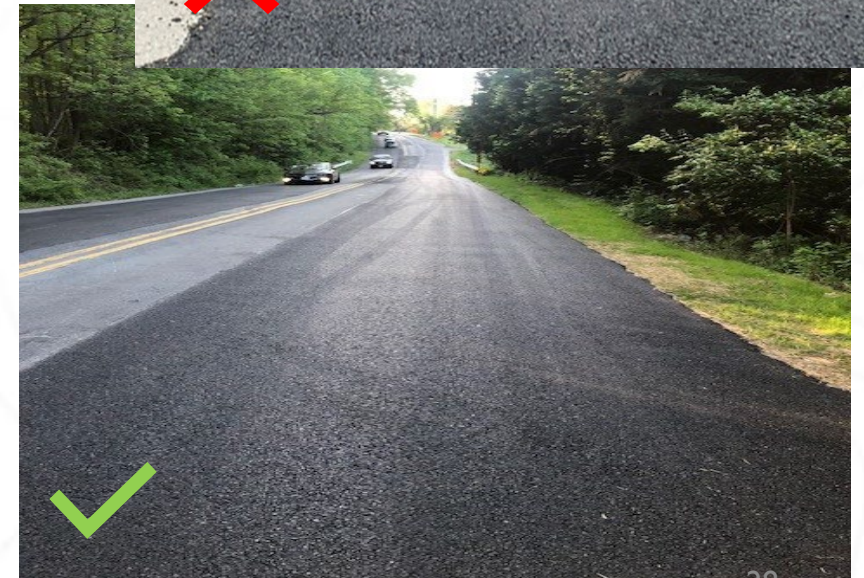
<b>LOCATE AND/OR OPERATE VALVES NOT SHOWING</b>				W.O. #:
Subdivision:				
County:	Page(s):	Grid(s):		
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:

<b>SIMULATED SHUT DOWN</b>		Sim. S/D sent , on		
County:	Page(s):	Grid(s):		
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:

# Project Compliance

## Spec 02950: Pavement Requirements Temporary/Permanent Patches

- Provide temporary or permanent pavement immediately upon backfill completion.
- If temporary pavement becomes defective and creates an emergency, commence repair to rectify situation within 1 hour after notification.
- Resulting patch must be a smooth and level surface flush with existing pavement.



# Communication

Communication with the public and elected officials is imperative to keep all updated on project progress and any problems.

- If a customer approaches you with an inquiry about the project you are working on or any other concern, then please refer the customer to the WSSC Water inspector on site.
- If the inspector is not on site, then write down the question(s) from the customer along with their contact information and forward the customer's inquiry to the WSSC Water Contract Manager via email.

## **WSSC Water Contact Information**

- Carlos Salazar, Community Relations & Outreach Specialist: [Carlos.Salazar@wsscwater.com](mailto:Carlos.Salazar@wsscwater.com), 240-646-4862
- Thomas Johnson, Government Affairs Manager: [Thomas.Johnson@wsscwater.com](mailto:Thomas.Johnson@wsscwater.com), 240-646-4335

## **WSSC Water Customer Advocates**

- Philip Callahan, Northern Montgomery County: [Philip.Callahan@wsscwater.com](mailto:Philip.Callahan@wsscwater.com), 240-204-2123
- Brandon Stewart, Southern Montgomery County: [Brandon.Stewart@wsscwater.com](mailto:Brandon.Stewart@wsscwater.com), 301-642-1712
- David Wilkins, Northern Prince George's County: [David.Wilkins@wsscwater.com](mailto:David.Wilkins@wsscwater.com), 301-648-6953
- Walter Guzman, Southern Prince George's County: [Walter.Guzman@wsscwater.com](mailto:Walter.Guzman@wsscwater.com), 240-444-5803



# Questions?

Submit your questions to [askprocurement@wsscwater.com](mailto:askprocurement@wsscwater.com)

For event presentations and sign in sheets, visit [www.wsscwater.com/work-us/procurement/outreach-events](http://www.wsscwater.com/work-us/procurement/outreach-events)

