



Clean Rivers Project - Potomac River Tunnel

Georgetown Tunnel Forum

February 26, 2026



Moussa Wone, Chief Engineer and Vice President

Kindly remain on mute
and hold all questions for the Q&A portion of the meeting.

Agenda

- | | | |
|-----------|---|-----------------------|
| 01 | DC Clean Rivers Project | Hadiyah Jordan |
| 02 | Potomac River Tunnel | |
| 03 | K & 30th Streets NW (CSO 024)
Construction Site | Richard Young |
| 04 | Georgetown Waterfront Park (CSO
027) Construction Site | |
| 05 | Capital Crescent Trail (CSO 028)
Construction Site | Steven Wheeler |
| 06 | dcwater.com/PRT | |
| 07 | Sign Up for Email Updates | Hadiyah Jordan |
| 08 | Contact Information | |
| 09 | Questions and Answers | Project Team |

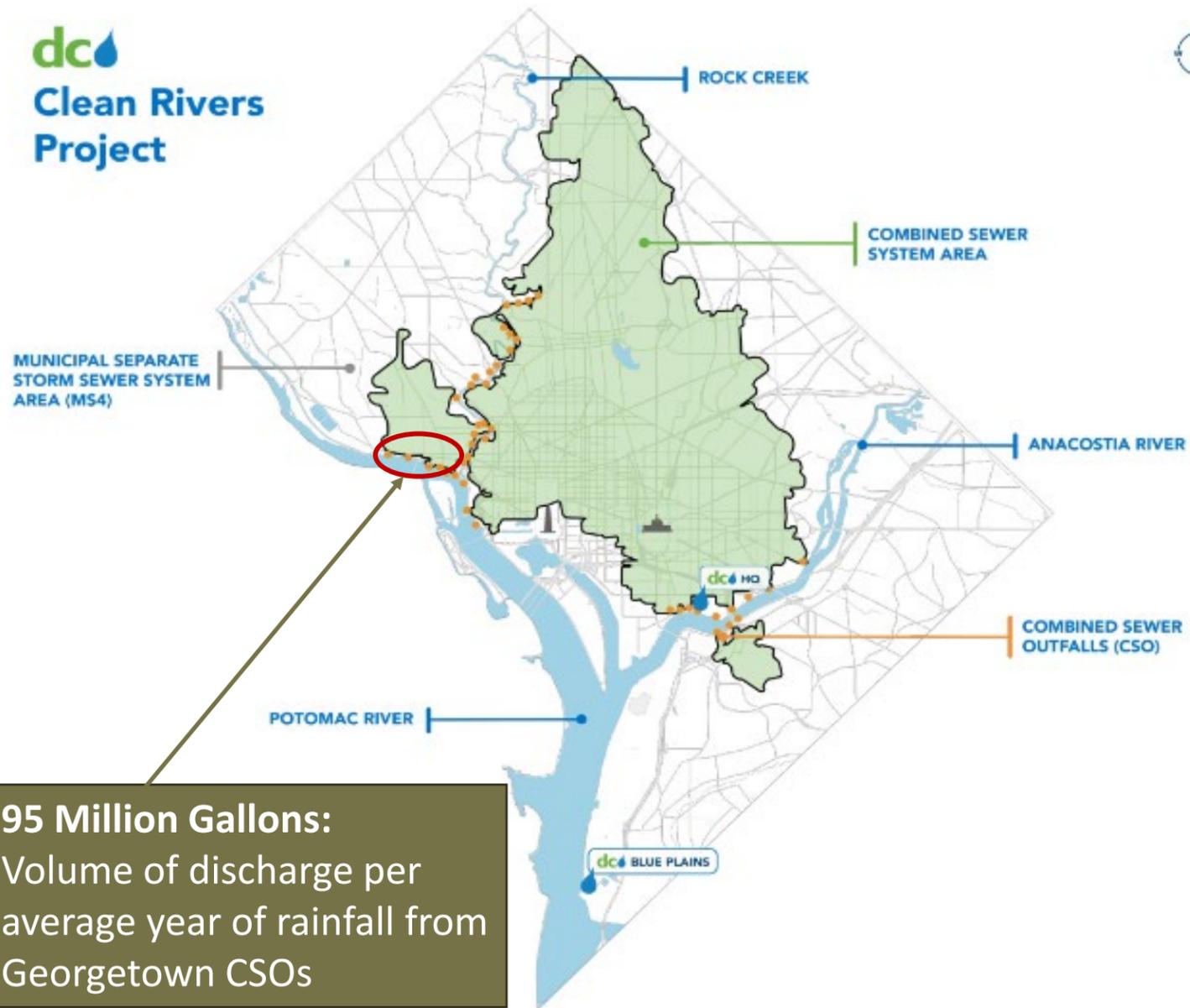
DC Clean Rivers Project

Combined Sewer Overflow (CSO)
Indicator Light.
Red Light Indicates Active CSO.
Amber Light Indicates CSO
Within Last 24 Hours.



Combined Sewer System in the District

dc
Clean Rivers
Project

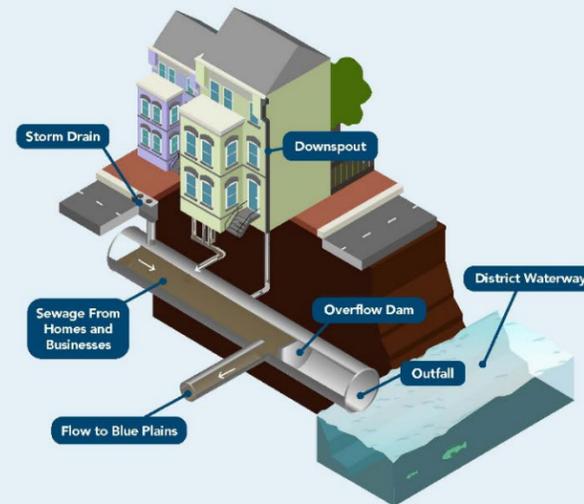


95 Million Gallons:
Volume of discharge per
average year of rainfall from
Georgetown CSOs

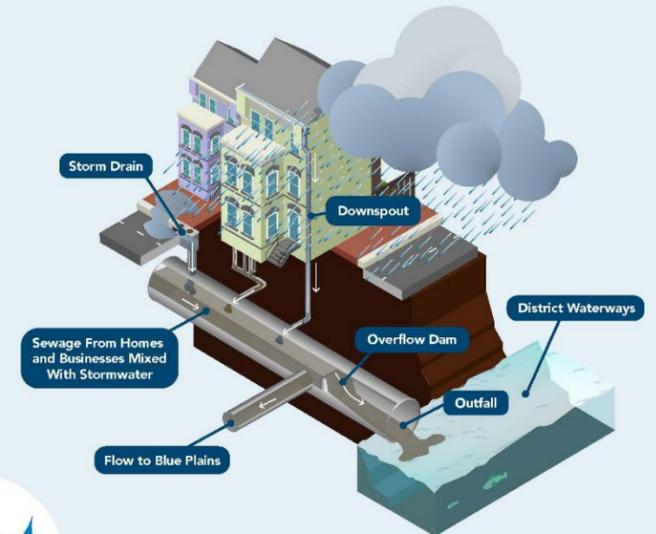


COMBINED SEWER SYSTEM

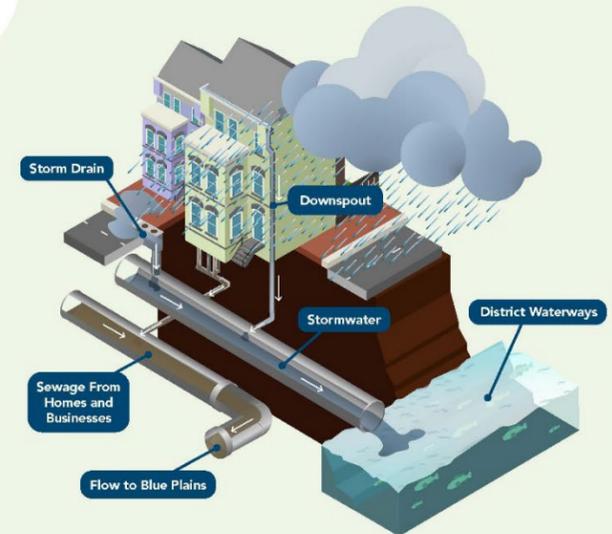
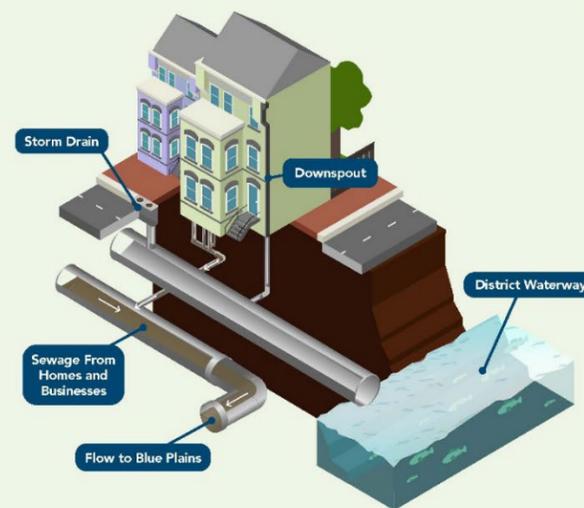
DRY CONDITIONS



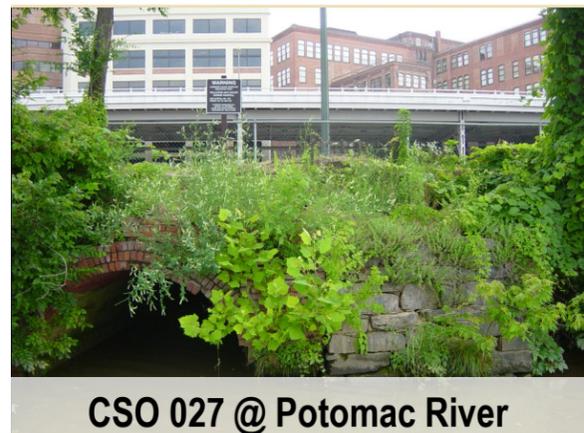
RAINY CONDITIONS



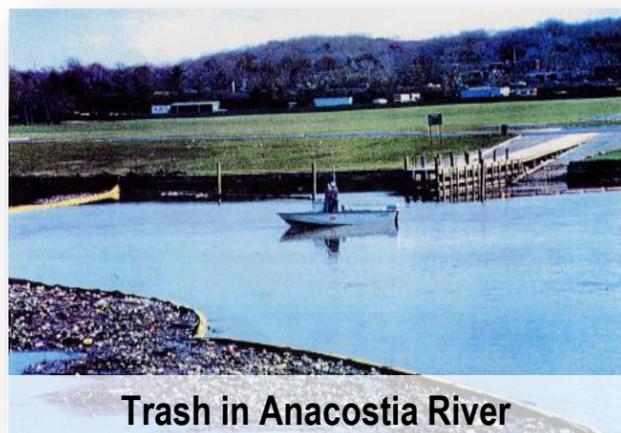
SEPARATE SEWER SYSTEM



- 1/3 of District is served by combined sewers (12,478 acres)
- Combined Sewer Overflow (CSO) outfalls
 - 15 to Anacostia River
 - 10 to Potomac River
 - 23 to Rock Creek



CSO 027 @ Potomac River



Trash in Anacostia River



Clean Rivers Project

DC CLEAN RIVERS PROJECT AND NITROGEN REMOVAL PROGRAMS

- DC Clean Rivers Project: \$3.29 Billion
- Nitrogen Removal: \$950 Million
- Total > \$4.2 Billion
- 25 yr implementation (2005 – 2030)
- 96% reduction in CSOs
- Approx. 1 million lbs/yr nitrogen reduction

The project is required by a Consent Decree signed by the Environmental Protection Agency, Department of Justice, District of Columbia, & DC Water

Clean Rivers Project

GREEN INFRASTRUCTURE
Completed
Slows stormwater through infiltration to reduce demand on sewer system

COMBINED SEWER AREA
Where stormwater and sewage are collected in one pipe and may overflow into rivers during heavy storms

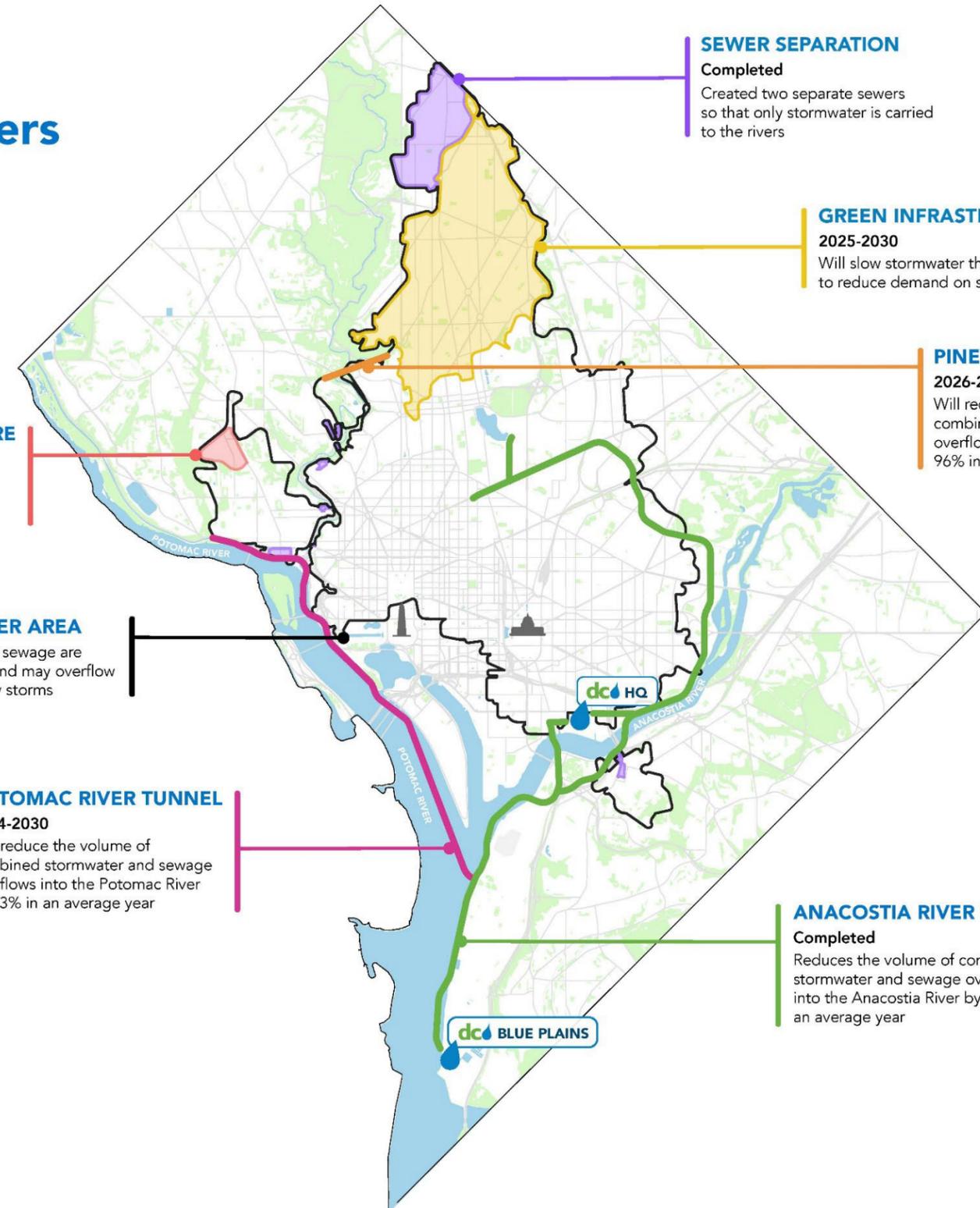
POTOMAC RIVER TUNNEL
2024-2030
Will reduce the volume of combined stormwater and sewage overflows into the Potomac River by 93% in an average year

SEWER SEPARATION
Completed
Created two separate sewers so that only stormwater is carried to the rivers

GREEN INFRASTRUCTURE
2025-2030
Will slow stormwater through infiltration to reduce demand on sewer system

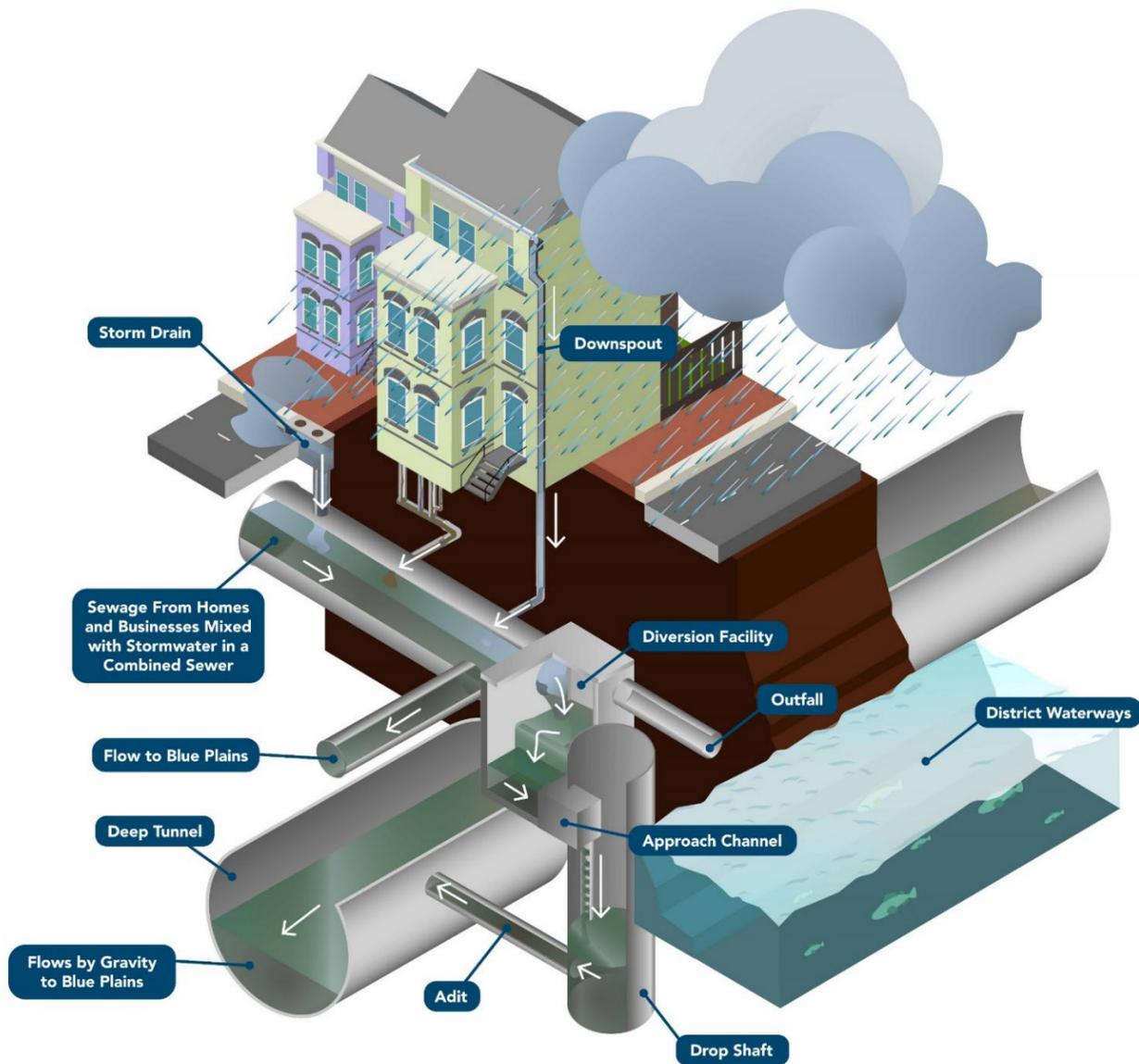
PINEY BRANCH TUNNEL
2026-2030
Will reduce the volume of combined stormwater and sewage overflows into Piney Branch by 96% in an average year

ANACOSTIA RIVER TUNNEL
Completed
Reduces the volume of combined stormwater and sewage overflows into the Anacostia River by 98% in an average year



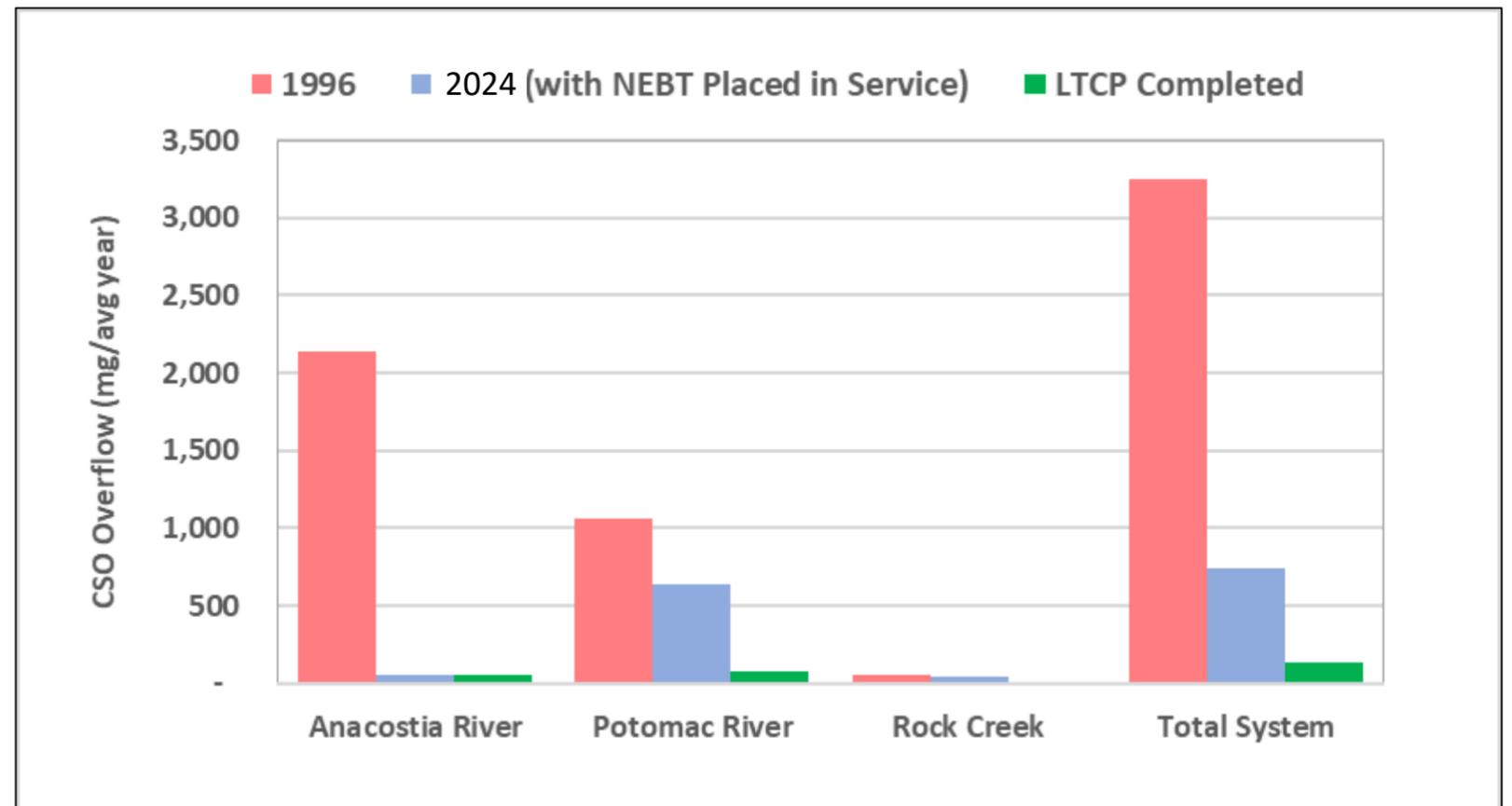


Clean Rivers Project Performance



Parameter	Phase	Anacostia River	Potomac River	Rock Creek	Total
CSO Volume (mg/avg year)	DC Water created (1996)	2,142	1,063	49	3,254
	Clean Rivers complete	54	79	5	138
	% reduction	98%	93%	90%	96%
CSO Frequency (#/avg yr)	DC Water created (1996)	82	74	30	186
	Clean Rivers complete	2	4	1 / 4 ¹	4

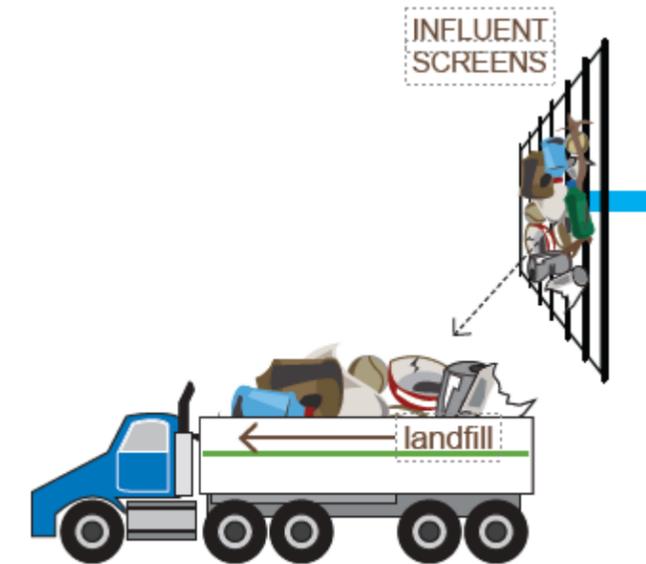
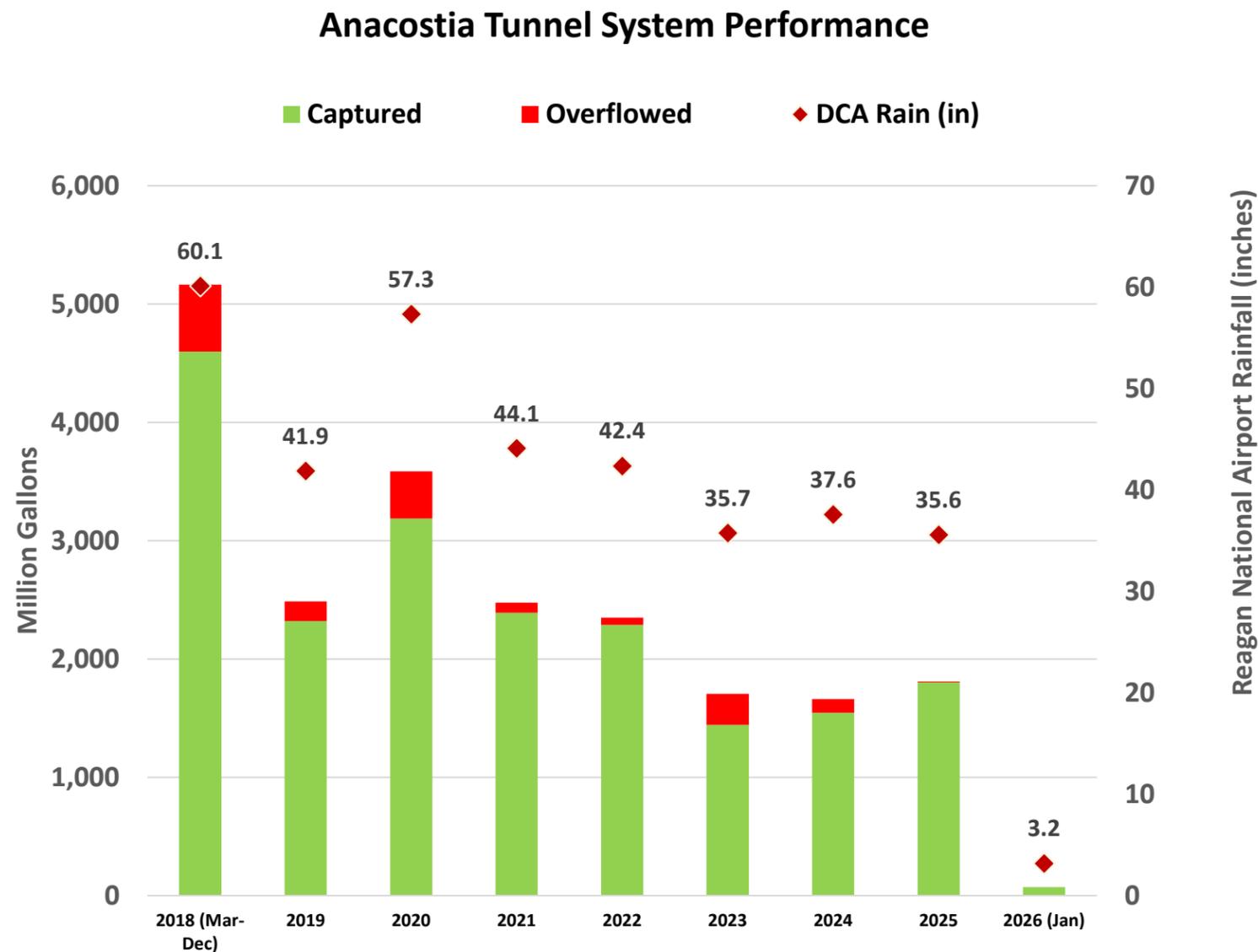
¹One at Piney Branch, four at the other Rock Creek CSOs





Anacostia River Tunnel System Performance to Date

- Over **19.65 billion gallons** captured March 2018 – January 2026
- Over **12,536 tons of trash**, debris, and other solids captured
- Exceeding predicted capture rate (**91% > 80%**)



Anacostia River Tunnel

Trash, Debris and Solids Removed at Blue Plains from Anacostia Tunnel System

Potomac River Tunnel



dc Potomac River Tunnel

Project

- Approximately 5.5 miles of 18-foot diameter finished tunnel
 - 2.4 miles in rock (north)
 - 3.1 miles in soil (south)
- 5 shafts and 3 drop pipes
- Connection to existing Tunnel System

Schedule

- NTP: Nov 2023
- Construction Start: 2024
- Consent Decree Deadline: 2030

LEGEND

- Potomac River Tunnel
- Anacostia River Tunnel System
- Construction Site With Diversion Facility
- West Potomac Park Site
- ⊗ Connection to Blue Plains Tunnel and JBAB Overflow Site



SITE LOCATIONS

- CSO 029**
Georgetown University: West of Canal Road Entrance
- CSO 028**
Georgetown: Capital Crescent Trail west of Aqueduct
- CSO 027**
Georgetown: Georgetown Waterfront Park
- CSO 024**
Georgetown: K St NW and 30th St NW
- CSO 022**
Rock Creek Trail west of the Watergate Complex
- CSO 021**
Victura Park at Kennedy Center
- CSO 020**
West side of the Park at Lincoln Memorial
- West Potomac Park**
West Potomac Park Field #7
- Tunnel Connection to JBAB**
Riverfront location at Joint Base Anacostia-Bolling



Schedule (simplified)

Legend

Planned work

Activity	2024				2025				2026				2027				2028				2029				2030			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
West Potomac Park	Planned Tunnel Mining				Planned work																							
CSO 022 (Watergate)					Planned work																							
CSO 028 (Capital Crescent Trail)	Planned work				Planned work				Planned work				Planned work				Planned work											
CSO 027 (Georgetown Waterfront Park)	Planned work				Planned work				Planned work				Planned work				Planned work											
CSO 024 (K and 30th Streets NW)	Planned work				Planned work				Planned work				Planned work				Planned work											
CSO 020	Planned work				Planned work				Planned work				Planned work				Planned work											
CSO 029 (Georgetown University)	Planned work				Planned work				Planned work				Planned work				Planned work											
CSO 021 (Kennedy Center)	Planned work				Planned work				Planned work				Planned work				Planned work											
Joint Base Anacostia-Bolling	Planned work				Planned work				Planned work				Planned work				Planned work											

Schedules subject to change

dc K & 30th Streets NW (CSO 024) Construction Site



dc K & 30th Streets NW: What We're Building

Set-Up Site



Install Whitehurst Freeway protective measures



Construct ground improvement, support of excavation



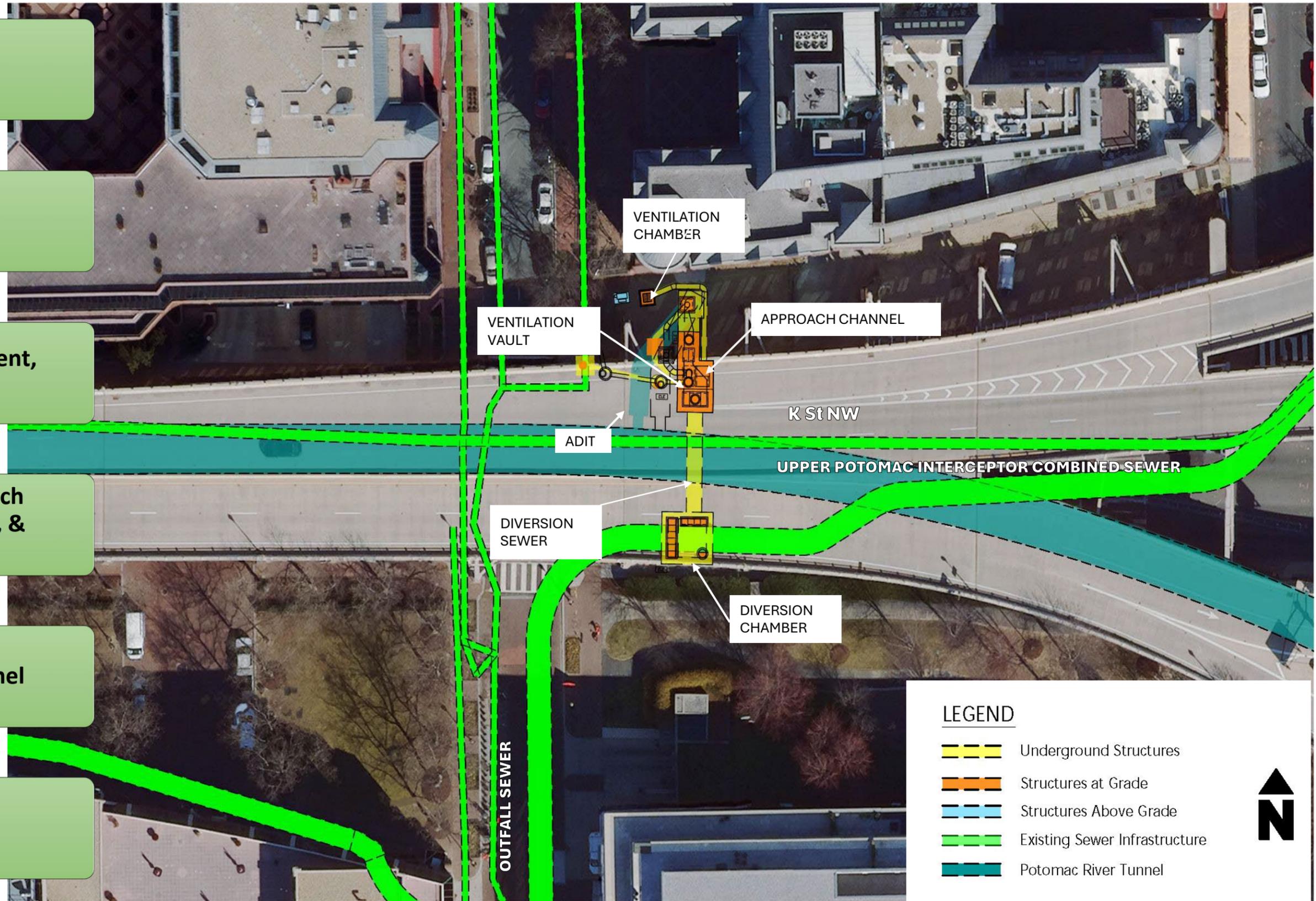
Construct Drop Pipe, Approach Channel, Diversion Chamber, & Ventilation Structure



Construct Adit from the Tunnel



Restore site and landscape



LEGEND

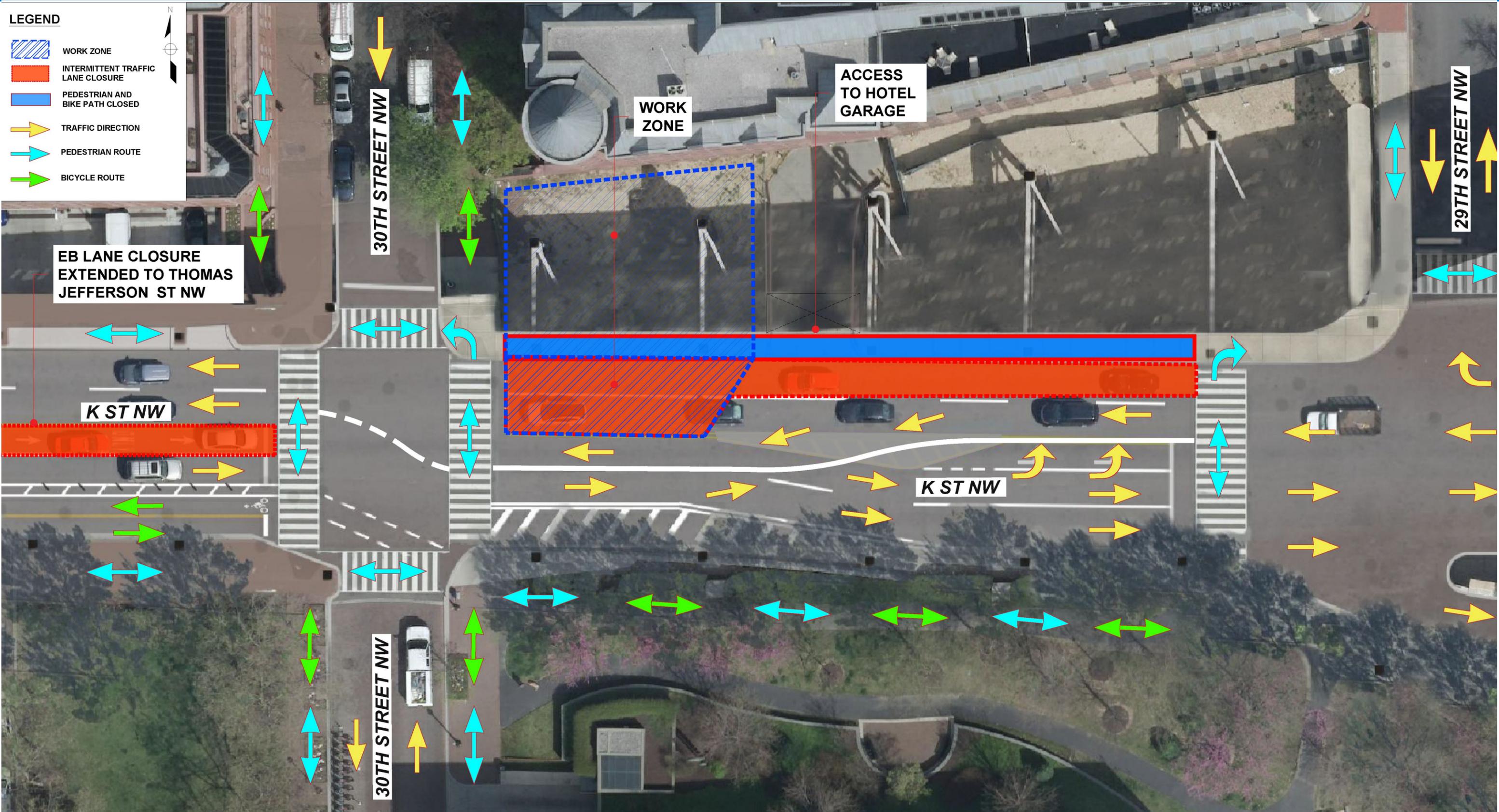
-  Underground Structures
-  Structures at Grade
-  Structures Above Grade
-  Existing Sewer Infrastructure
-  Potomac River Tunnel





K & 30th Streets NW: Traffic Pattern

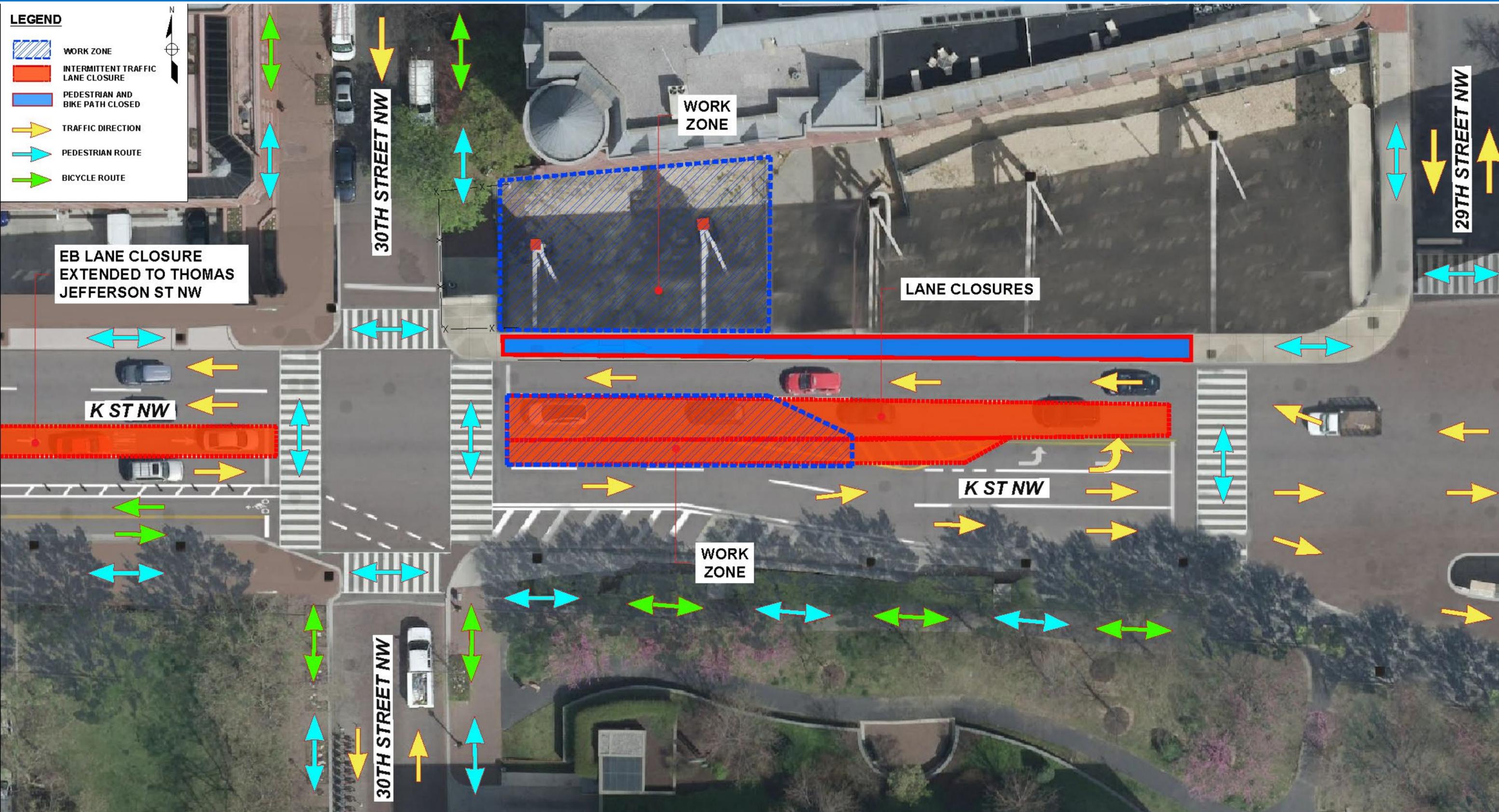
Eastbound Lane Closure





K & 30th Streets NW: Traffic Pattern

Eastbound & Westbound Lane Closures



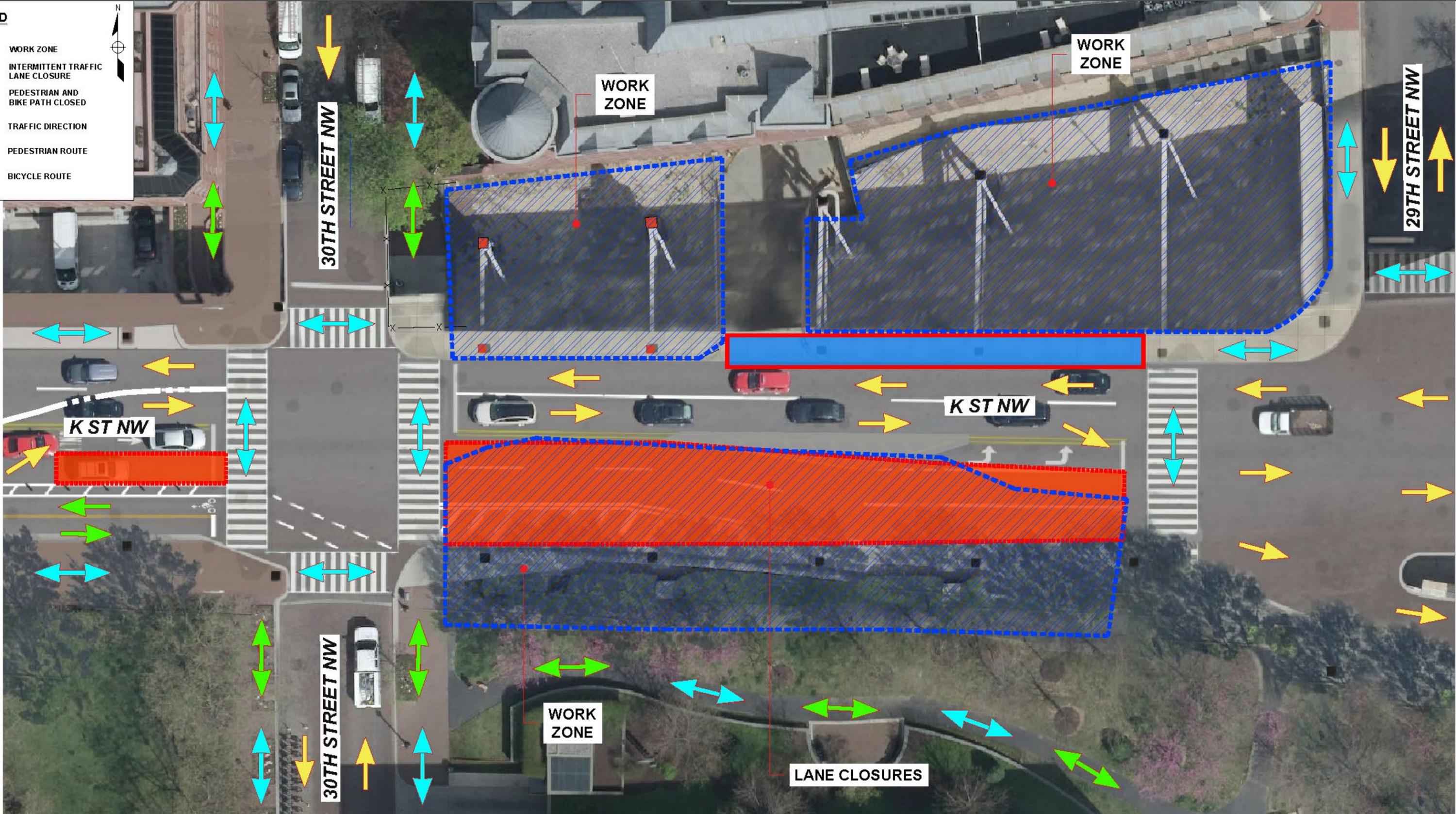


K & 30th Streets NW: Traffic Pattern

Westbound Lane Closure

LEGEND

- WORK ZONE
- INTERMITTENT TRAFFIC LANE CLOSURE
- PEDESTRIAN AND BIKE PATH CLOSED
- TRAFFIC DIRECTION
- PEDESTRIAN ROUTE
- BICYCLE ROUTE





Georgetown Waterfront Park (CSO 027) Construction Site



dc Georgetown Waterfront Park: What We're Building

Set-Up Site

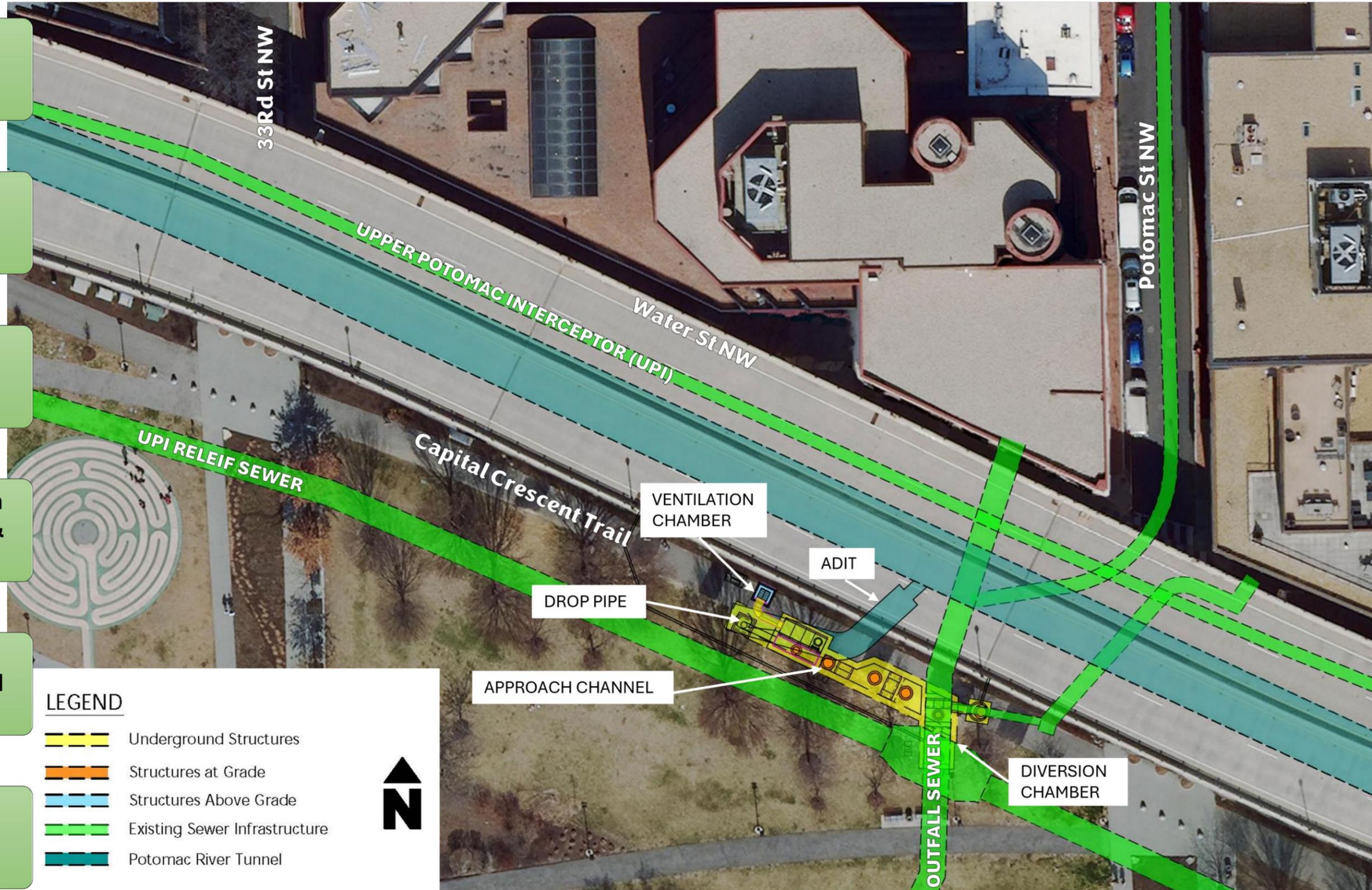
Install Whitehurst Freeway protective measures

Redirect bike path around the work site

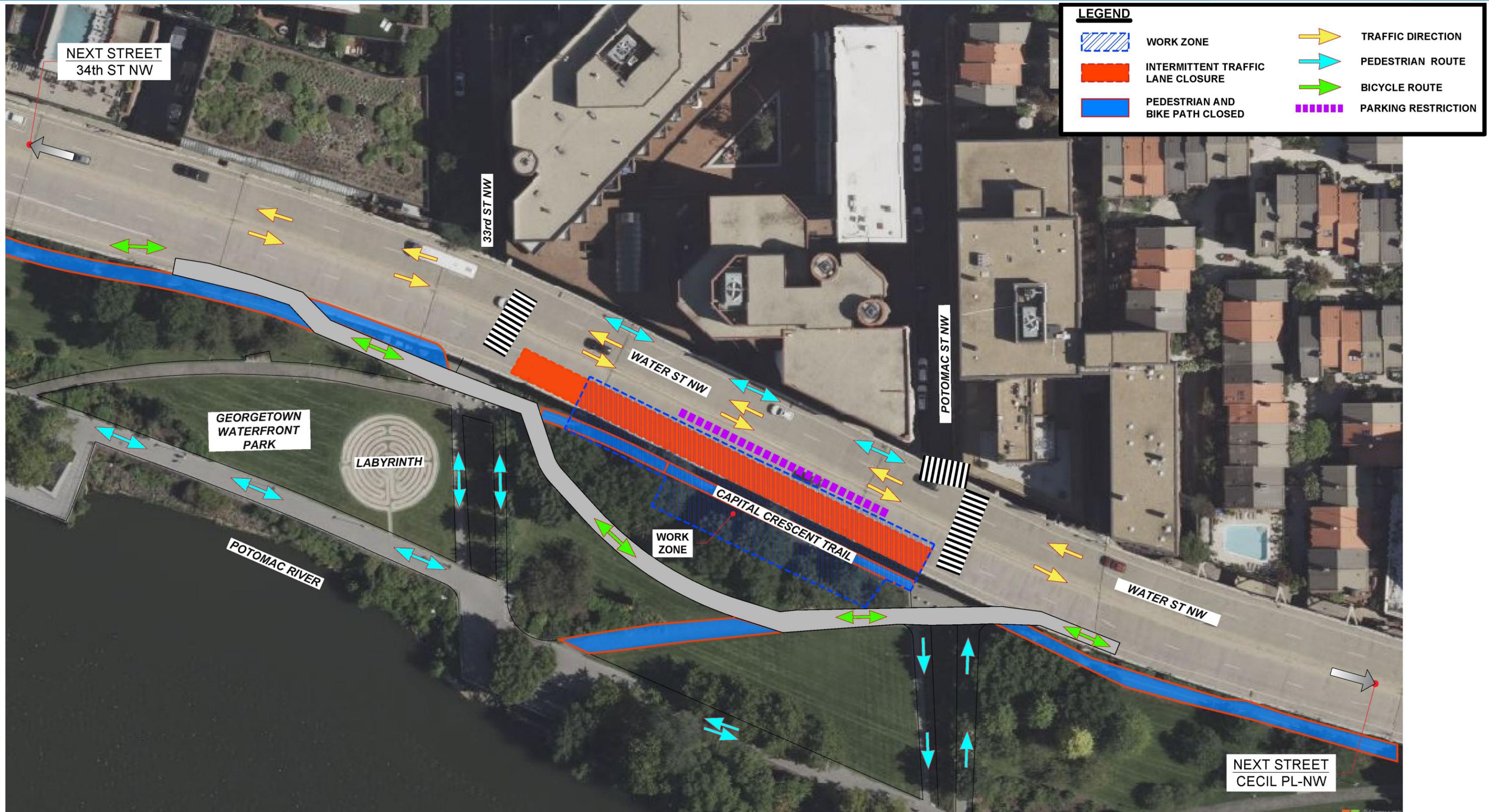
Construct Drop Pipe, Approach Channel, Diversion Chamber, & Ventilation Structure

Construct Adit from the Tunnel

Restore site and landscape



dc Georgetown Waterfront Park: Traffic Pattern





Capital Crescent Trail (CSO 028) Construction Site



dc Capital Crescent Trail: What We're Building

Set-Up Site

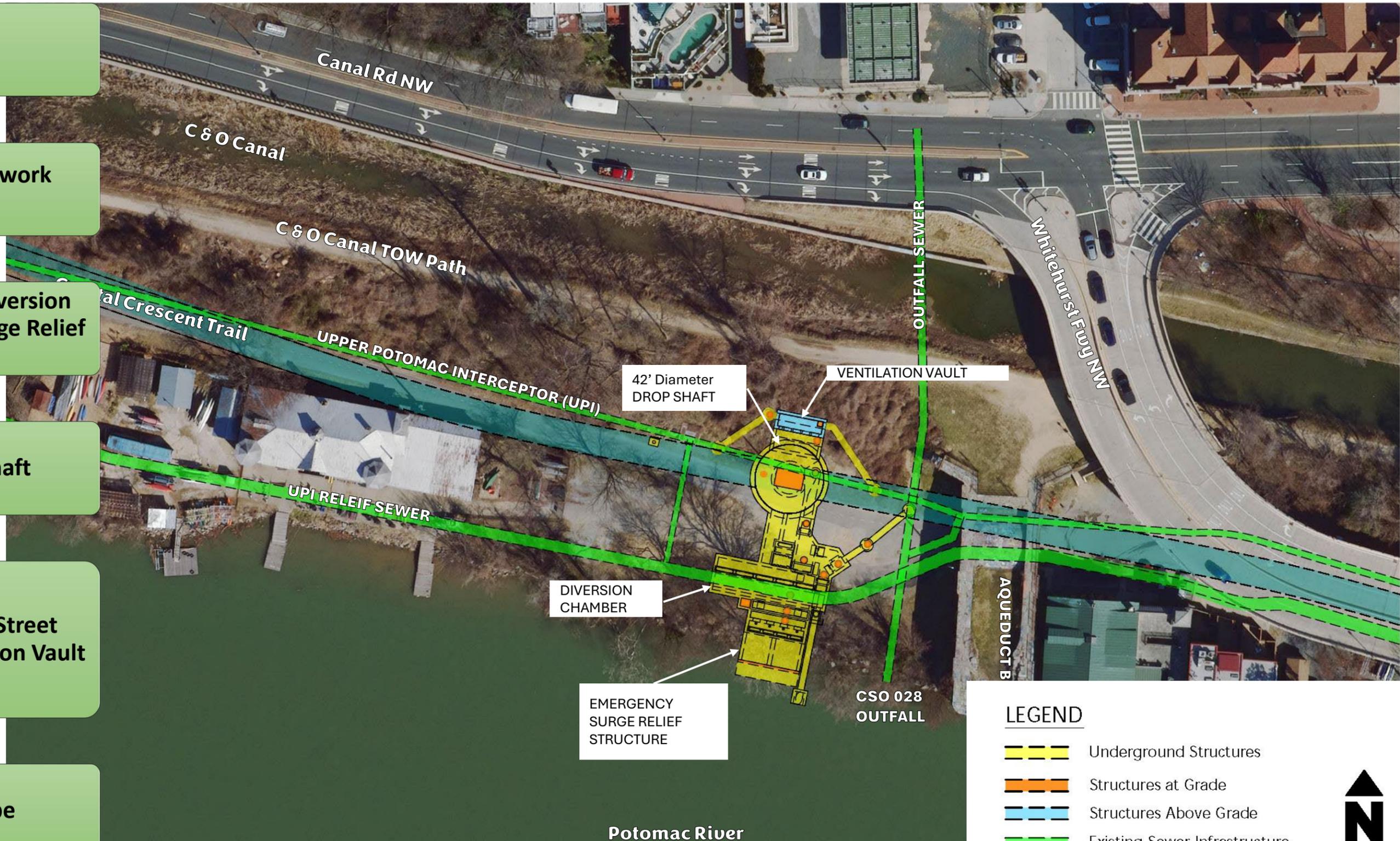
Redirect trail around the work site

Construct Drop Shaft, Diversion Chamber, Emergency Surge Relief Structure

Tunnel passes through Shaft

Install utilities on Water Street NW & construct Ventilation Vault

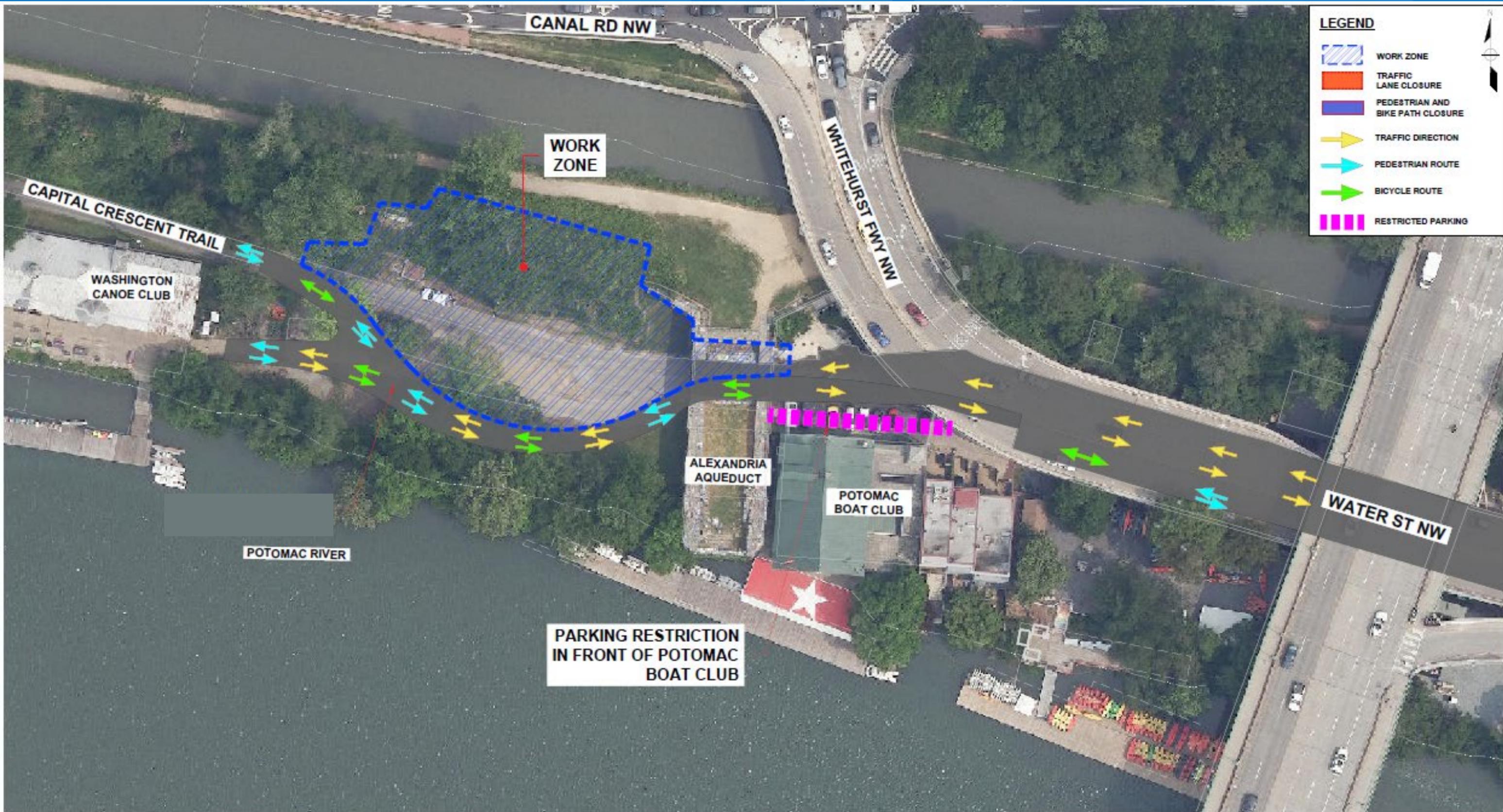
Restore site and landscape





Capital Crescent Trail: Traffic Pattern

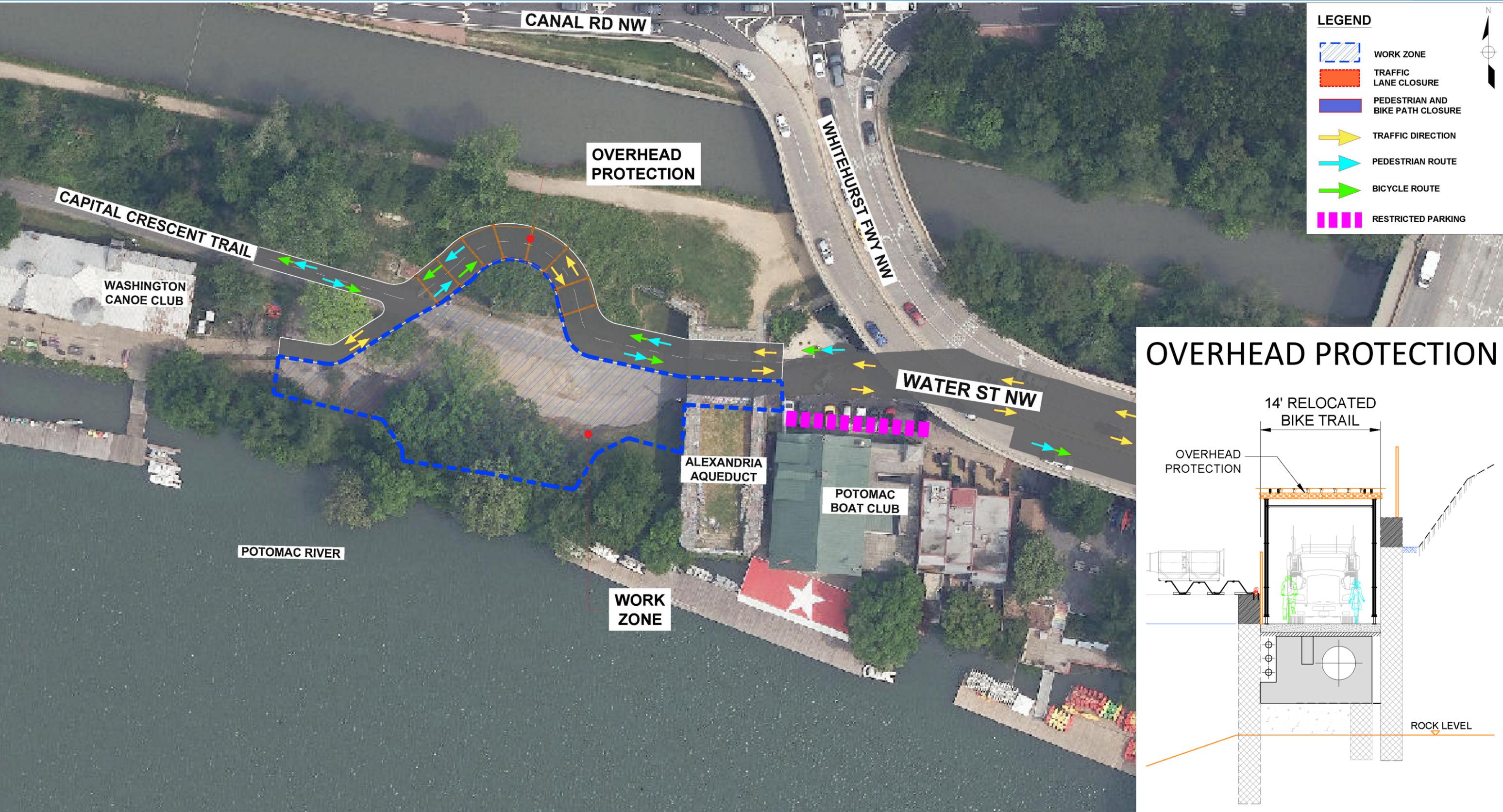
Current Trail Route South of Work Zone





Capital Crescent Trail: Traffic Pattern

Upcoming Trail Route North of Work Zone



dc CLEAN RIVERS PROJECT
Division PRT-B
Potomac River Tunnel
12,722 Linear Feet
Mary
DCWATER.COM/CLEANRIVERS

Community Engagement

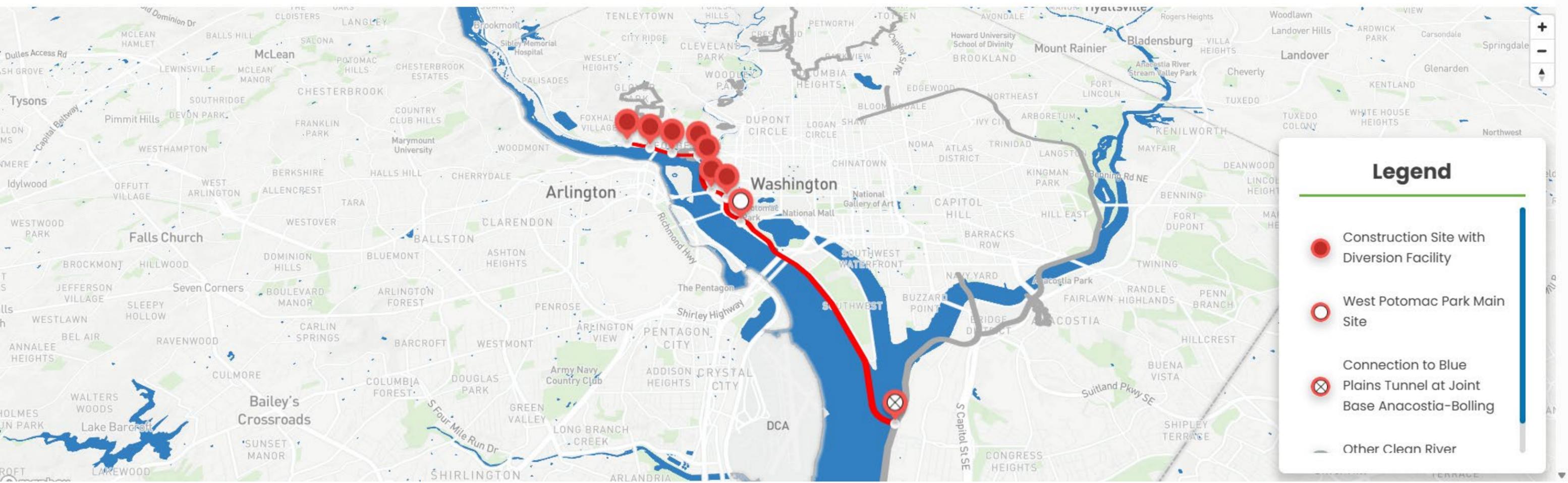


Impacts	Mitigation
 Adjacent Properties	<ul style="list-style-type: none"> Conduct preconstruction surveys of the project area before mobilization Provide advanced notifications to affected businesses and residents to facilitate adequate preparation for anticipated impacts Offer clear communication and pertinent information regarding construction activities to affected businesses.
 Special Events	<ul style="list-style-type: none"> Coordinate work with city event organizers to ensure safety.
 Bicyclists  Pedestrians Traffic	<ul style="list-style-type: none"> Ensure that crews are setting up the traffic control as approved by DDOT/NPS Coordinate with DDOT/NPS on traffic advisory and detour notification Trucks will follow dedicated DDOT approved haul routes Provide signage and barriers to safely direct bicyclists, pedestrians, and traffic around work zones Provide safe access to businesses and residences Follow DDOT/NPS approved working and hauling hours Issue advisories for bicyclists, pedestrians, and traffic.
 Work Hours	<ul style="list-style-type: none"> Weekdays from 7:00 am to 7:00 pm Weekend/Night Work may occur during certain phases

Impacts	Mitigation
 Sidewalk/ Road Closure	<ul style="list-style-type: none"> ▪ Segregate trails from construction to provide safe path ▪ Proactively notify the community of lane and sidewalk closures and duration ▪ Provide safe paths for pedestrians and bicyclists ▪ Ensure informative signage is posted. Work with NPS to determine any special needs areas
 Noise & Vibration Monitoring	<ul style="list-style-type: none"> ▪ Noise and vibration levels are monitored to meet DC Municipal & Regulations (DCMR) noise regulations during construction ▪ Implement noise and vibration mitigation measures as needed
 Site Maintenance	<ul style="list-style-type: none"> ▪ Implement site security measures ▪ Placement of dust and rodent control measures ▪ Install tree protections
 Lighting	<ul style="list-style-type: none"> ▪ Construction lighting shielded and directed away from residents
 Community Engagement	<ul style="list-style-type: none"> ▪ 24/7 Project Hotline ▪ Project Email and Webpage ▪ Project Outreach Team



DC Water's Potomac River Tunnel Project



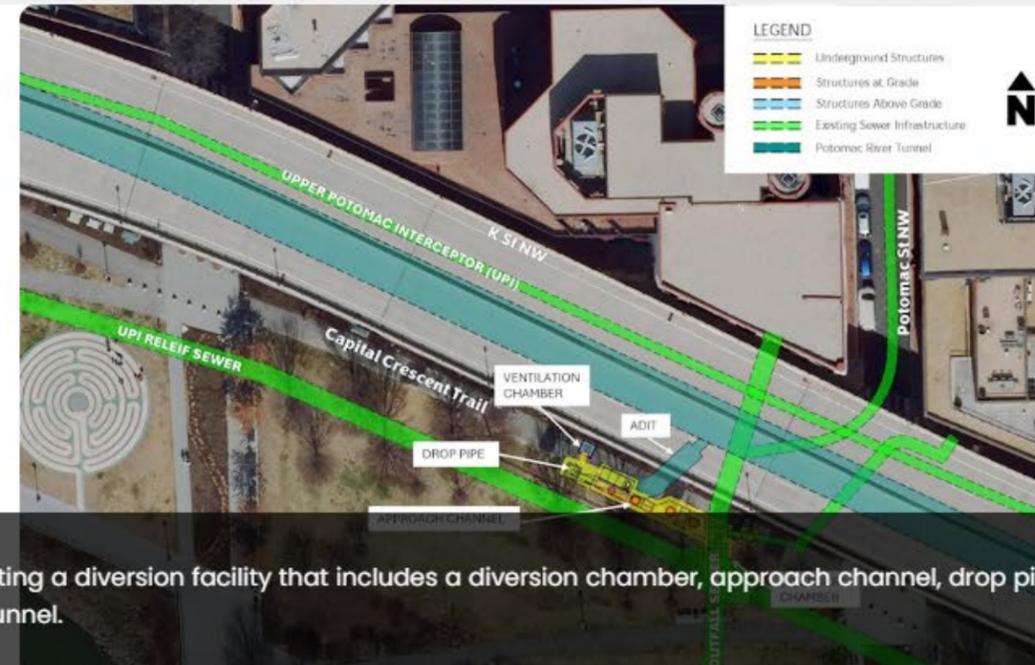


DC Water's Potomac River Tunnel Project

Georgetown Waterfront Park (CSO 027)

The CSO 027 site is in Georgetown Waterfront Park near the intersection of K Street NW and Potomac Street NW. DC Water is constructing a diversion facility that includes a diversion chamber, approach channel, drop pipe, and other structures to direct flow to the tunnel.

- Site at Completion**
- Traffic Pattern
- Site Photos
- Documents



DC Water is constructing a diversion facility that includes a diversion chamber, approach channel, drop pipe, and other structures to direct flow to the tunnel.

[Previous Site](#)

[Next Site](#)



Sign Up for Email Updates

Stay informed about progress on the Potomac River Tunnel.

To receive project updates directly from DC Water, email

dcpotomacrivertunnel@dcwater.com

and ask to join our email list.



DC Clean Rivers - Potomac River Tunnel Project

Water Street Northwest at Georgetown Waterfront Park:
Travel Lane and Sidewalk Closures



Greetings, Neighbors.

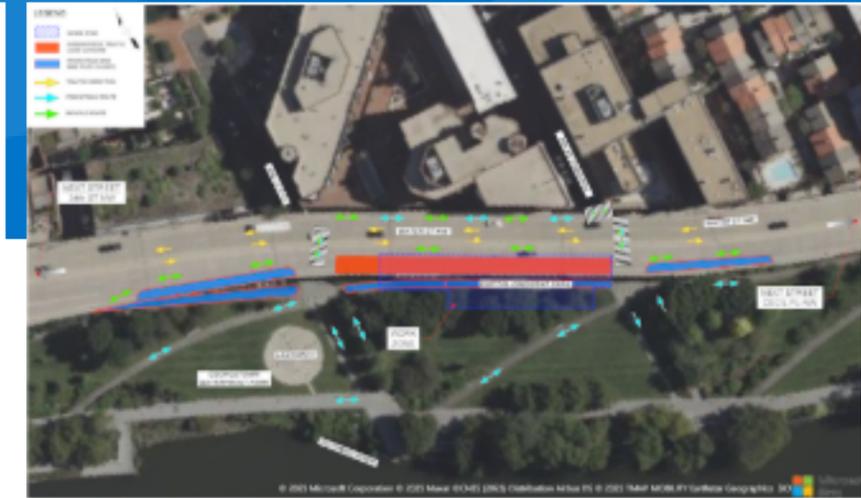
Beginning on or about November 17, 2025, DC Water will begin preparing for construction on the Potomac River Tunnel at the 3300 block of Water Street NW, beneath the Whitehurst Freeway.

Mobilization will take three to four months, weather permitting. During this time, crews will install fencing, signage, and erosion controls; clear and grade the site; and build the entrance. To keep everyone safe, there will be lane and sidewalk closures, parking restrictions, and a bike lane shift on Water Street. A temporary bike and pedestrian path will be installed in Georgetown Waterfront Park to help visitors navigate around the work zone.

During mobilization, some trees within the site must be removed to prepare for construction. DC Water and the National Park Service (NPS) have worked together to identify measures to protect trees that will remain. A tree restoration plan, approved by NPS, is in place. Replacement trees will be planted during the site restoration phase at the end of the project.

Water Street will remain open during construction, but you may notice changes to sidewalks and traffic patterns. Please follow posted signs and detours and consider alternative routes to avoid delays.

Georgetown Waterfront Park and the Capital Crescent Trail will be restored upon completion of construction.



Map: A portion of the Capital Crescent Trail and protected bike path between 33rd and Potomac streets will be closed. Bicyclist and pedestrians will be detoured around the work zone.

What to Expect During Mobilization

Date: November 17, 2025 – Mid-February 2026 (weather permitting).

Work Hours: Monday–Friday from 7 a.m.– 7 p.m.

Location: Water Street NW between 34th Street and Cecil Place

Traffic and Trail Changes:

- The bike lane on Water Street will shift north around the work zone.
- Parking will be restricted on Water Street between 34th Street and Cecil Place.
- The Capital Crescent Trail adjacent to the work zone will be closed.
- Pedestrians will be detoured to paths in Georgetown Waterfront Park.

Flaggers and signs will help guide you safely through the area. A temporary bike and pedestrian path will be built in the park to keep everyone moving.

Project Details

DC Water is building the Potomac River Tunnel to help reduce pollution in the Potomac River and Chesapeake Bay. The tunnel is designed to capture combined sewer overflows—stormwater mixed with sewage—and send them to the Blue Plains Advanced Wastewater Treatment Plant.

The tunnel is expected to be operational by 2030, and once complete, will reduce overflow events from about 74 to only 4 during an average year of rain and decrease the volume by 93%.

This work is part of a long-term commitment to cleaner waterways and ensures compliance with a Federal Consent Decree, as amended in 2016, with the District of Columbia, US Environmental Protection Agency, and the US Department of Justice.

Learn more at dcwater.com/prt.

Contact Us

Project Email: dcpotomacrivertunnel@dcwater.com

Project Hotline: 202-972-1388

DC Water 24-hour Emergency: 202-612-3400

Contact Information

Project Email: dcpotomacrivertunnel@dcwater.com

Project Website: dcwater.com/prt

Dedicated Project Hotline: 202-972-1388

Questions?



Complete our Tunnel Forum Survey