

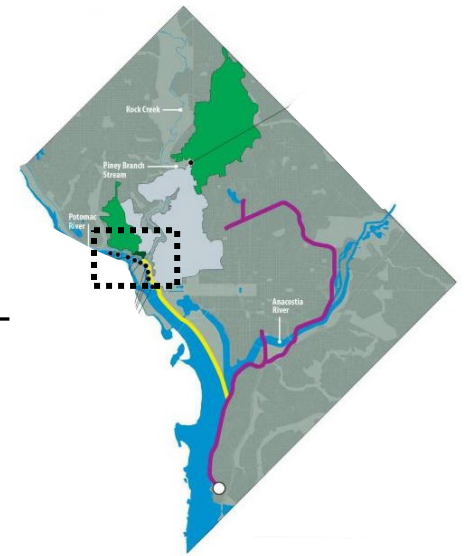
Briefing on:

***DC CLEAN RIVERS UPDATE FOR
GEORGETOWN AT ANC 2E
MONTHLY MEETING***

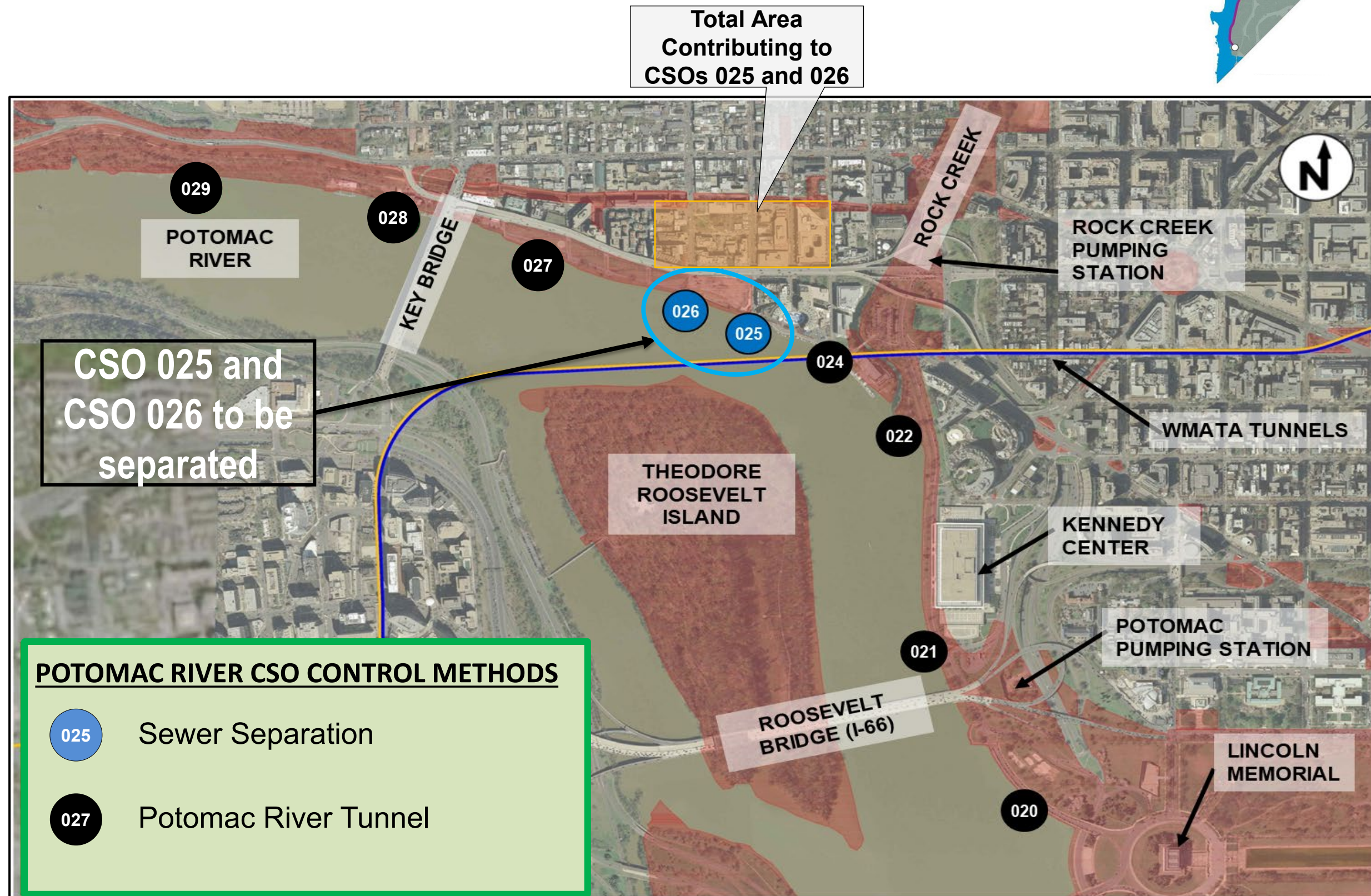
January 31, 2022



Agenda



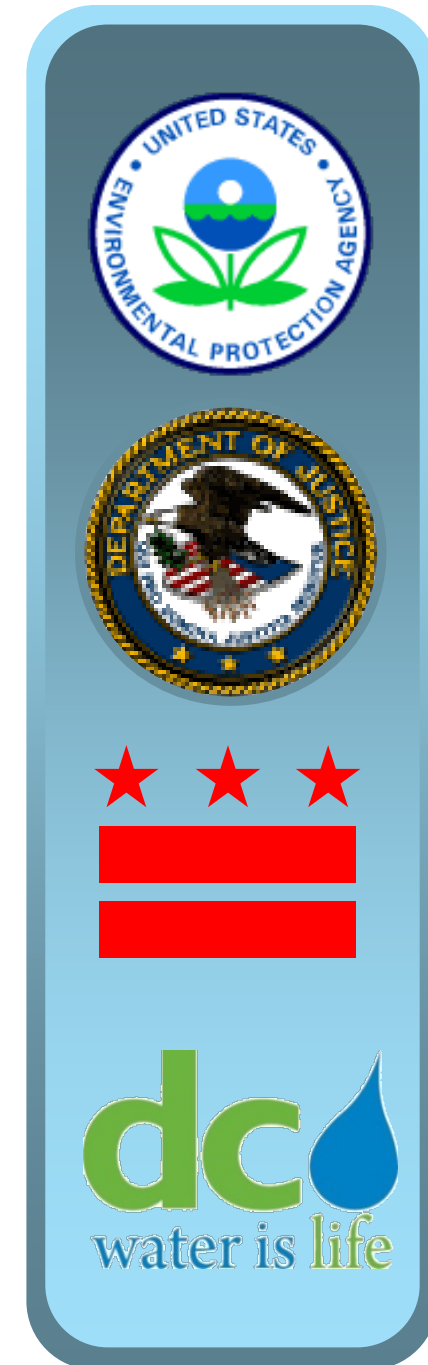
- DC Clean Rivers Project Background
- Schedule
- CSO 025/026 Sewer Separation Update
- Potomac River Tunnel Advanced Utility Construction Update
- Next Steps



DC Clean Rivers Project Background

What is Our Purpose?

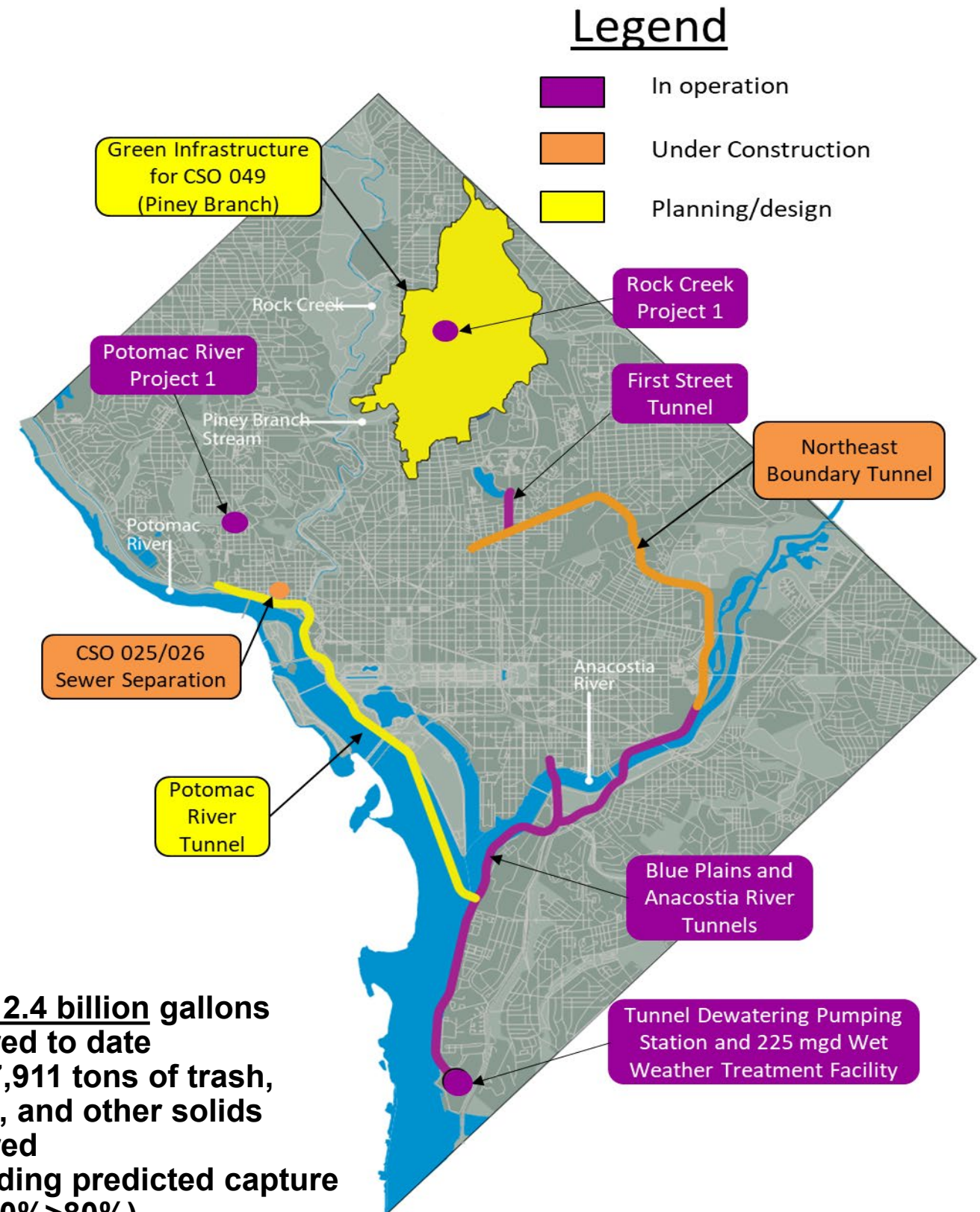
- Control combined sewer overflows to the:
 - Potomac River
 - Anacostia River
 - Rock Creek
- Relieve flooding in the Northeast Boundary Area
- Implemented under a Federal Consent Decree among:
 - US Environmental Protection Agency (US EPA)
 - US Department of Justice (US DOJ)
 - District of Columbia, and
 - DC Water
- Fully in operation by 2030
 - Major intermediate milestones in 2018 and 2025



DC Clean Rivers Project Background

Current Program Status

No.	Month	Rainfall, DCA Gauge (in)	Volume Captured by Tunnel (MG)	Measured Overflow (MG)	% Captured
14	April 2019	2.24	77	0.1	99.9%
15	May 2019	4.97	311	1	99.7%
16	June 2019	4.27	134	0.1	100%
17	July 2019	6.49	339	77	81.4%
18	August 2019	1.99	186	22	89.3%
19	September 2019	0.25	19	0	100%
20	October 2019	6.66	450	18	96.2%
21	November 2019	1.37	55	0	100%
22	December 2019	2.80	80	0	100%
23	January 2020	2.79	150	0	100%
24	February 2020	3.21	143	0.6	99.6%
25	March 2020	2.31	38	0	100.0%
26	April 2020	6.30	338	127	72.7%
27	May 2020	2.49	169	0	100.0%
28	June 2020	3.51	205	0	99.9%
29	July 2020	6.51	265	2	99.2%
30	August 2020	8.73	463	52	89.8%
31	September 2020	5.53	267	186	59.0%
32	October 2020	4.86	264	6	97.6%
33	November 2020	6.14	456	25	94.7%
34	December 2020	4.96	430	0	100%
35	January 2021	1.93	56	0	100%
36	February 2021	4.66	147	0	100%
37	March 2021	3.8	267	0	100.0%
38	April 2021	2.20	100	0	100.0%
39	May 2021	3.77	142	0	100.0%
40	June 2021	5.51	252	10	96.1%
41	July 2021	4.24	277	1.9	99.3%
42	August 2021	9.07	496	73.5	87.1%
43	September 2021	4.03	326	0.0	100.0%
44	October 2021	3.27	293	0.0	100.0%
45	November 2021	0.98	26	0.0	100.0%
46	December 2021	0.63	11	0.0	100.0%
Total		203	12,497	1,216	91.1%



- Over **12.4 billion** gallons captured to date
- Over **7,911 tons** of trash, debris, and other solids captured
- Exceeding predicted capture rate (**90% > 80%**)
- First year in operation was the wettest year on record for the District of Columbia

DCCR Potomac River Projects in Georgetown Anticipated Schedule

CSO 025 & 026 Sewer Separation

- Completion expected in August 2022

Potomac River Tunnel (PRT)

- Potomac River Tunnel (PRT) Advanced Utility Construction
 - Work in Georgetown associated with this project (CSOs 024, 027, & 028) to occur throughout 2022
- Potomac River Tunnel (PRT) Construction
 - Award contract for construction in Summer 2023/ Place in operation early 2030

Activity	2022												2023				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Project Coordination with Community																	
Outreach Events																	
CSO 025/026 SEWER SEPARATION																	
31st ST NW Site-Construction Activities																	
Wisconsin AVE NW Site-Construction Activities																	
Water ST NW Site-Construction Activities																	
PRT ADVANCED UTILITY CONSTRUCTION																	
CSO 024-Construction Activities																	
CSO 027-Construction Activities																	
CSO 028-Construction Activities																	



Schedule shows approximate dates and is subject to change

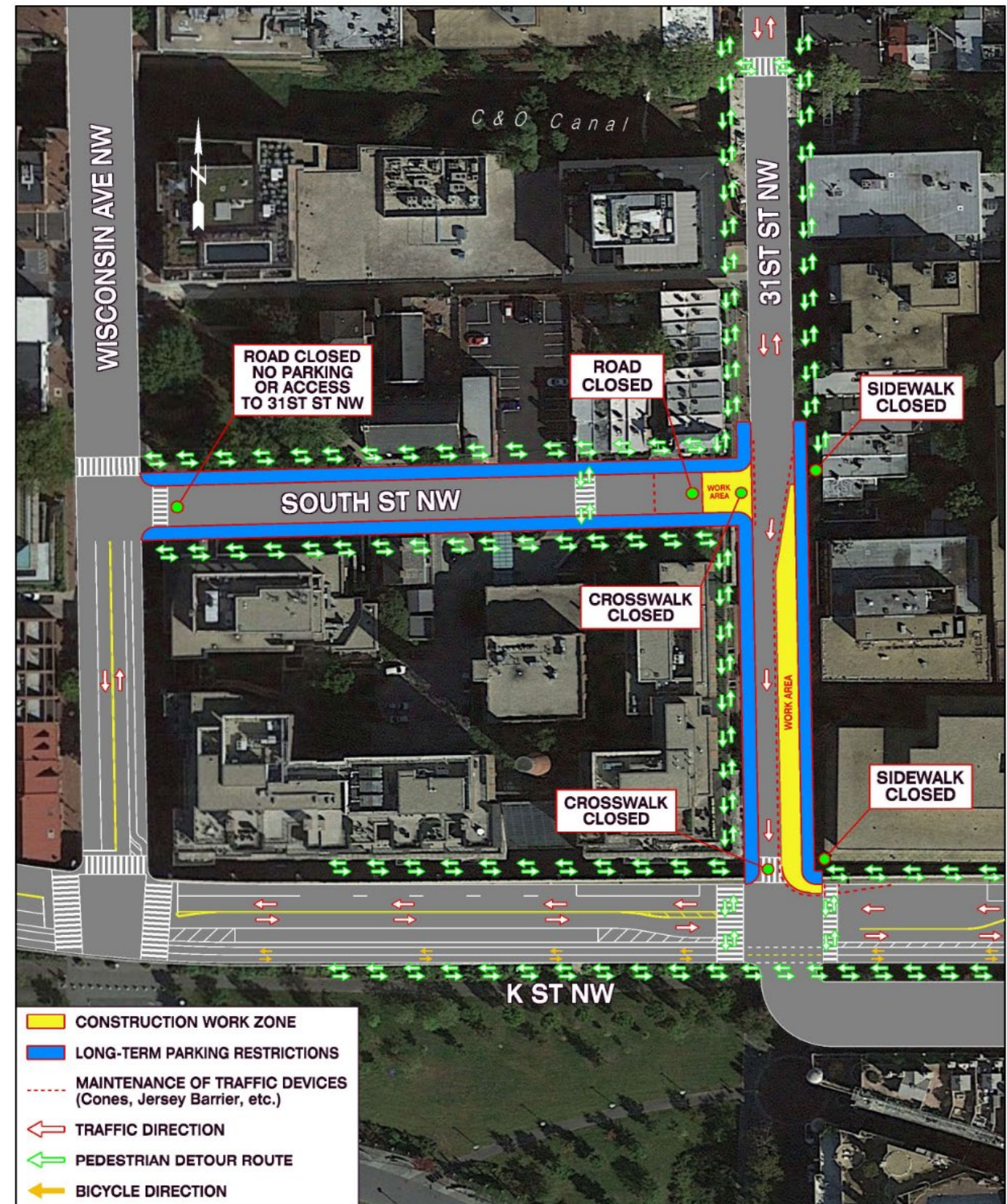
CSO 025 and 026 Sewer Separation Project Site Locations



Project Site Locations

31st Street NW & South ST NW

- Approximate Construction Period: Ongoing, to be completed March 2022
- **Travel Lane Shifts**
 - South ST NW will be closed at 31st ST NW. There will be no vehicular access to South ST NW from 31st ST NW. Motorists with destinations along South ST NW can enter South ST NW from Wisconsin Ave NW.
 - 31st ST NW will be one way southbound between South Street NW and K Street NW.
- **Pedestrian Detours**
 - The sidewalk along 31st ST NW on the east side will be closed. See detours in image.
 - The crosswalk at 31st ST NW and K ST NW will be closed. See detours in image.
 - The crosswalk at 31st ST NW and South Street NW will be closed. See detours in image.
- **Parking Restrictions**
 - Parking will be restricted along 31st ST NW as illustrated.
 - Parking along South ST NW will be restricted the entire length as illustrated.



Project Site Locations

Water Street NW (West of Potomac Street NW)

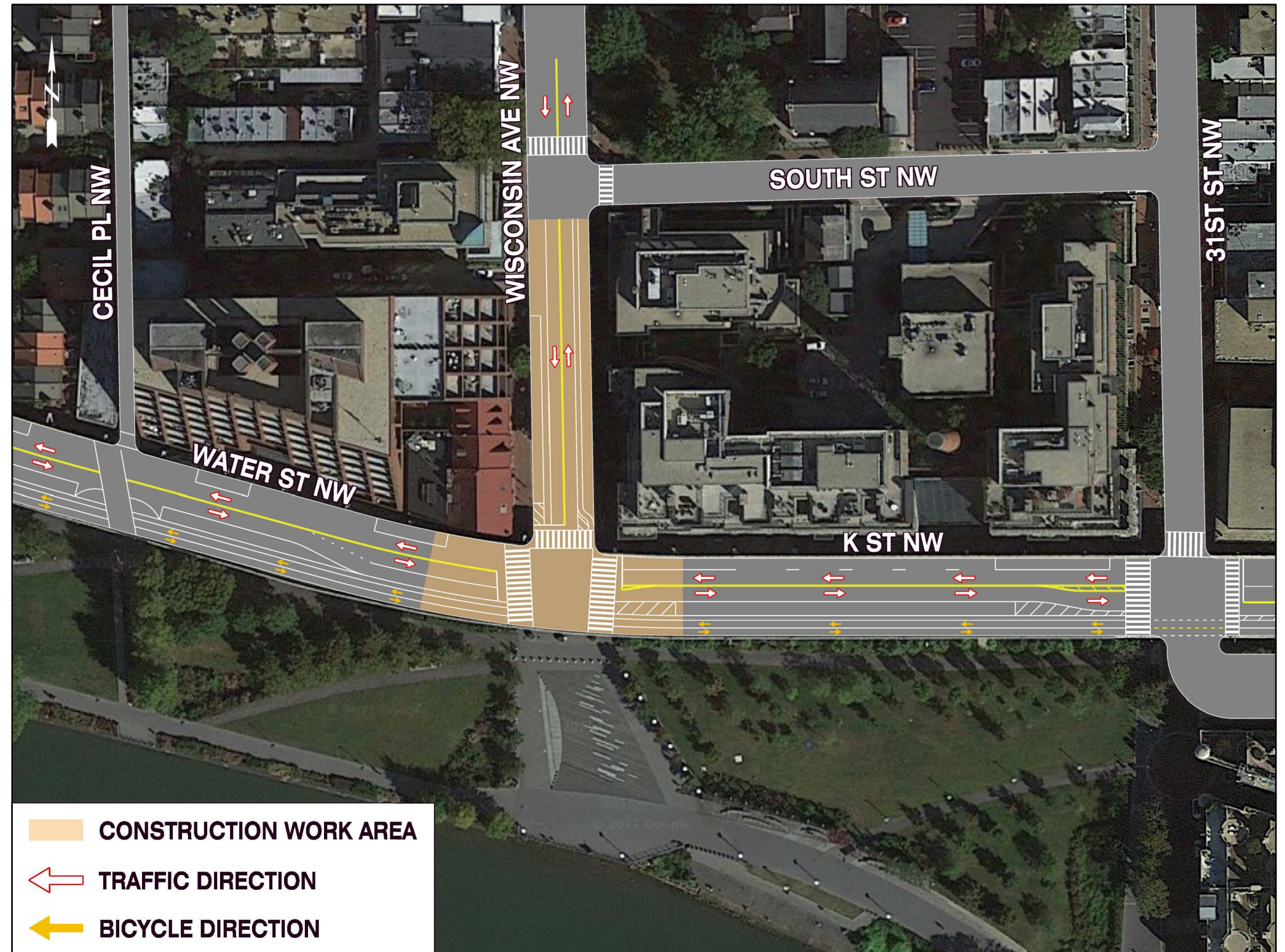
- Approximate Construction Period: February-April 2022
- **Travel Lane Shifts**
 - During construction impacting travel lanes (9:30 AM-3:30 PM), traffic on Water ST NW between Potomac ST NW and 33rd ST NW will be directed with flaggers through a two-way, one-lane configuration.
 - Outside of activities impacting travel lanes (3:30 PM- 9:30 AM), traffic configuration will be the normal two-lane, two-way configuration.
- **Pedestrian Detours**
 - The sidewalk along Water ST NW on the north side between Potomac ST NW and 33rd ST NW will be closed. See detours in image.
- **Parking Restrictions**
 - Parking will be restricted along Water ST NW as illustrated.
- **Bicycle Lane Detours**
 - On Water ST NW between 34th ST NW and Cecil PL NW, the existing bicycle lanes will be detoured to Waterfront Park through the duration of construction.



Project Site Locations

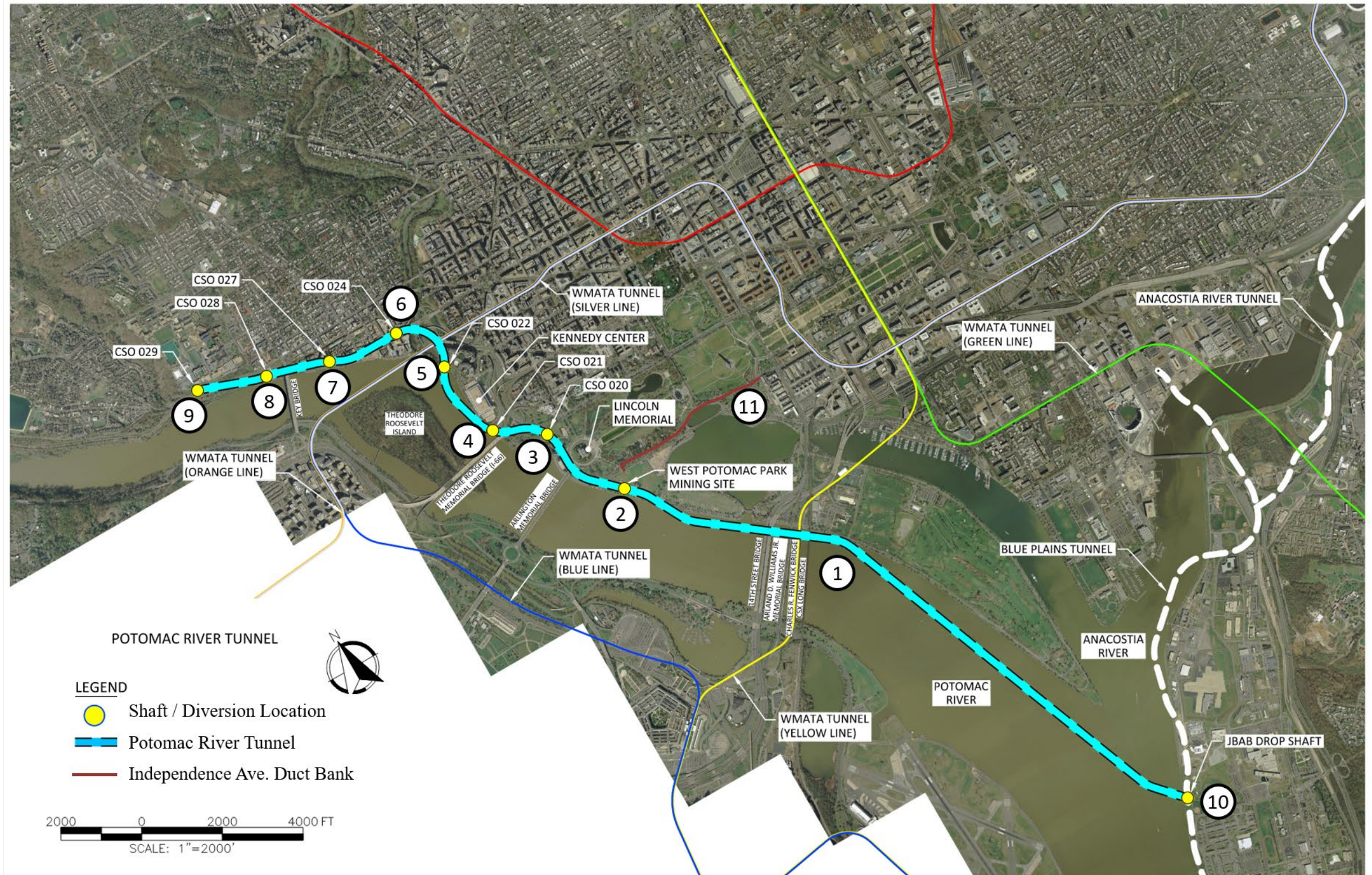
Wisconsin Avenue NW

- Approximate Construction Period: March/April 2022 – August 2022
 - K Street NW and Wisconsin Avenue NW will continue to operate two-way
 - Sidewalk closure with detour
 - Eastbound bicycle lane detoured to Waterfront Park pathway
 - Detailed MOT Phases to be provided at subsequent public meetings



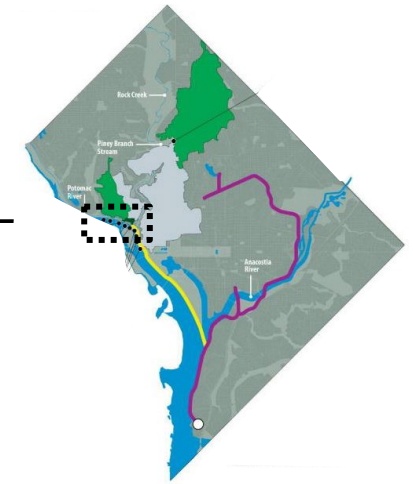
Potomac River Tunnel Project Site Locations

Components	
1	Tunnel Corridor
2	West Potomac Park Mining Site
3	CSO 020 Control
4	CSO 021 Control
5	CSO 022 Control
6	CSO 024 Control
7	CSO 027 Control
8	CSO 028 Control
9	CSO 029 Control
10	Tunnel Connection to JBAB
11	Independence Ave SW Underground Electric Duct Bank



PRT Project Overview

CSO 028



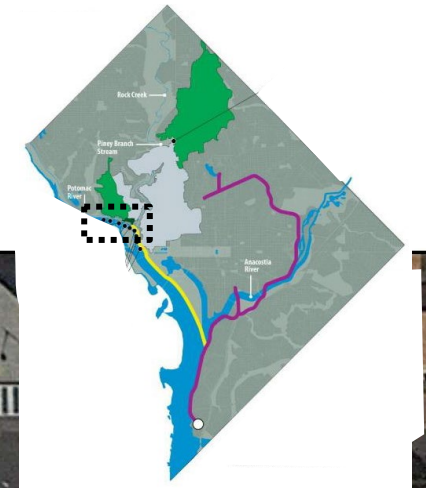
Advanced Utility Construction

Duration: ~2 months
Schedule: February-March 2022

Tunnel Construction

Status: In planning
Schedule: TBD

PRT Advanced Utility Construction Phase CSO 028 Site Impacts



Travel Lane Shifts

- Vehicle access to the Washington Canoe Club will remain open during construction with motorists continuing to use the Canoe Club driveway west of the Alexandria Aqueduct. Flaggers will be positioned during work hours along the driveway to facilitate traffic movements between Water Street NW and the Canoe Club in one travel lane.

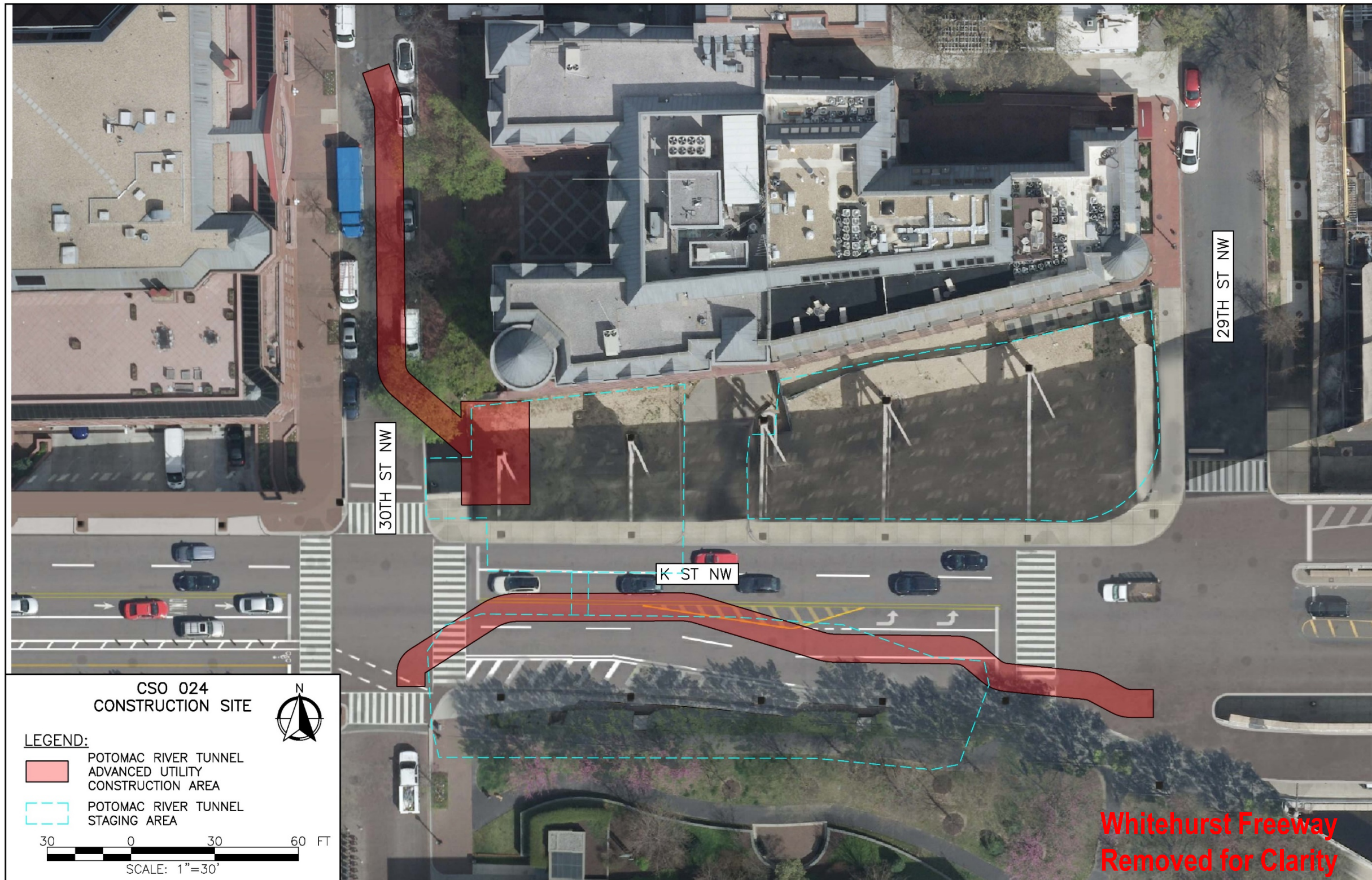
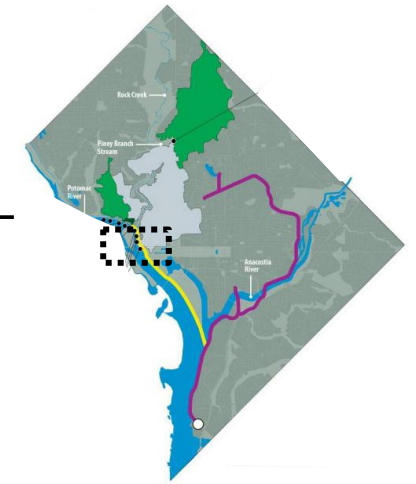
Pedestrian and Bicycle Detours

- The Capital Crescent Trail will remain open for pedestrian and bicycle traffic. Flaggers will be used during work hours to safely guide pedestrian and bicycle traffic around the construction site.



PRT Project Overview

CSO 024



Advanced Utility Construction

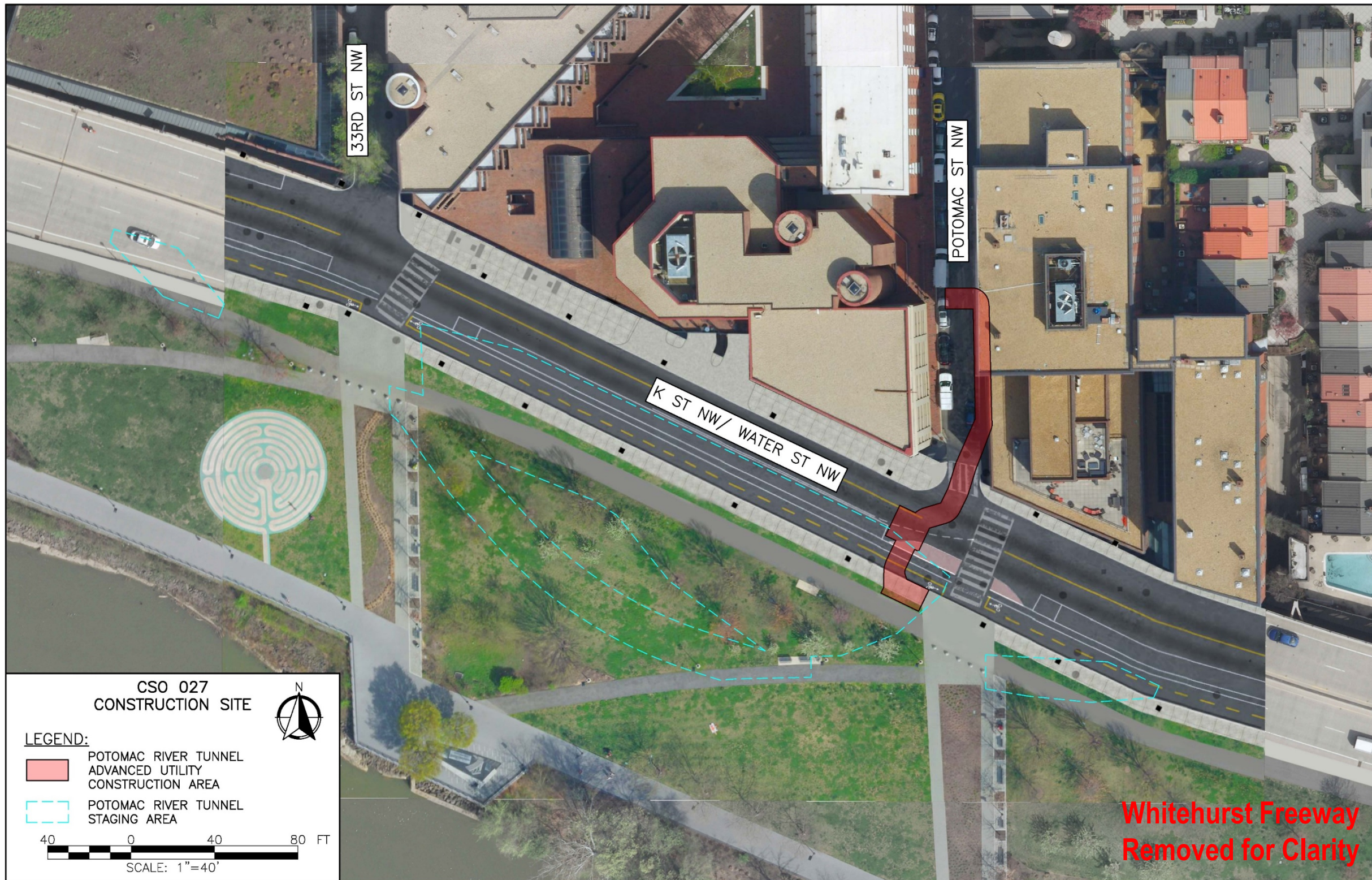
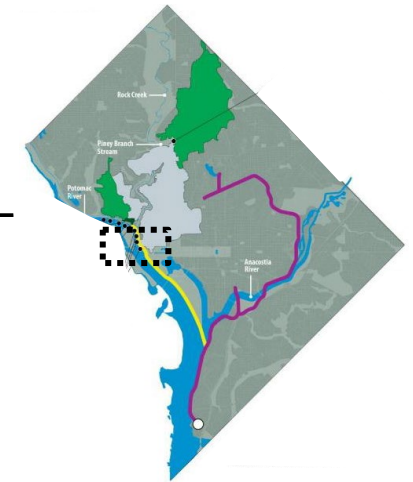
Duration: ~4 months
Schedule: November 2022-February 2023 (subject to change)

Tunnel Construction

Status: In planning
Schedule: TBD

PRT Project Overview

CSO 027



Advanced Utility Construction

Duration: ~4 months
Schedule: November 2022-February 2023 (subject to change)

Tunnel Construction

Status: In planning
Schedule: TBD

Next Steps

- Continue to provide construction updates and notifications to Councilmember's Office, ANC, Businesses, and Community
- Continue presentations at ANC meetings and hosting community meetings

CONTACT INFORMATION

CSO 025/026 Sewer Separation

- 24/7 Project Hotline: 301-772-7358
- Project Email: dccleanriverssewersep@dcwater.com
- Project Website: www.dewater.com/sewersep

Potomac River Tunnel Advanced Utility Construction

- 24/7 Project Hotline: 202-448-9040
- Project Email: dcpotomacrivertunnel@dcwater.com
- Project Website: www.dewater.com/prt