

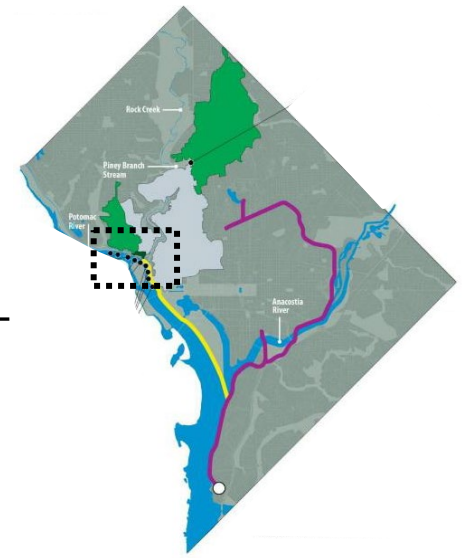
Briefing on:

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

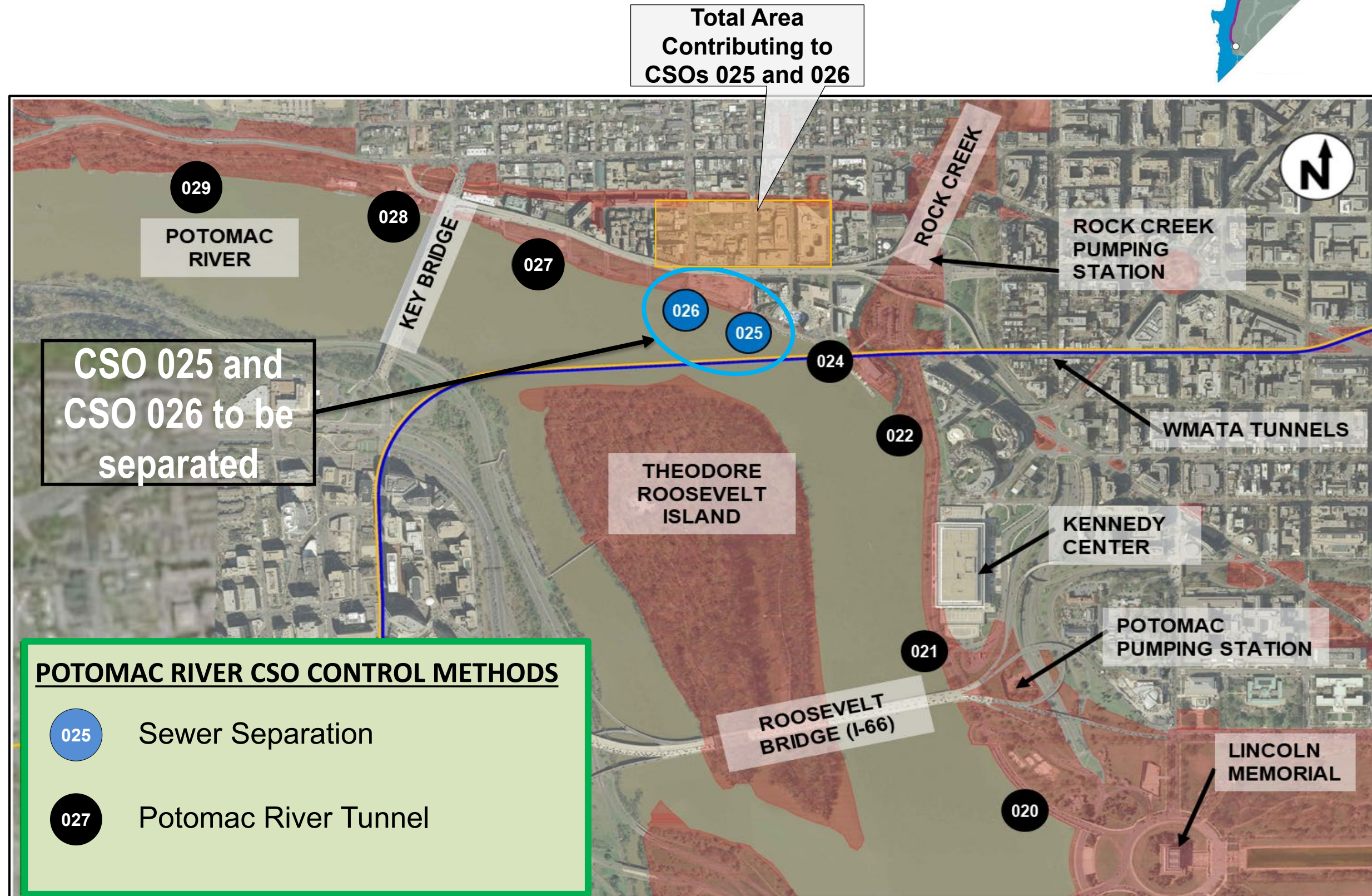
August 30, 2021



Agenda



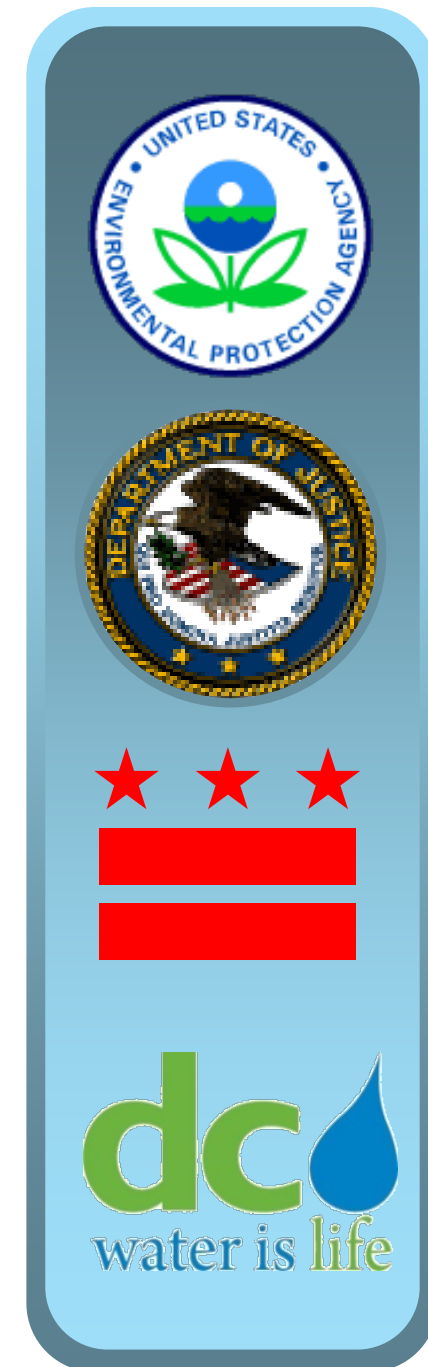
- DC Clean Rivers Project Background
- CSO 025/026 Sewer Separation Update
- Upcoming Work
 - 31st Street NW
 - Water Street
- Future DCCR Projects in Georgetown
- Next Steps



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

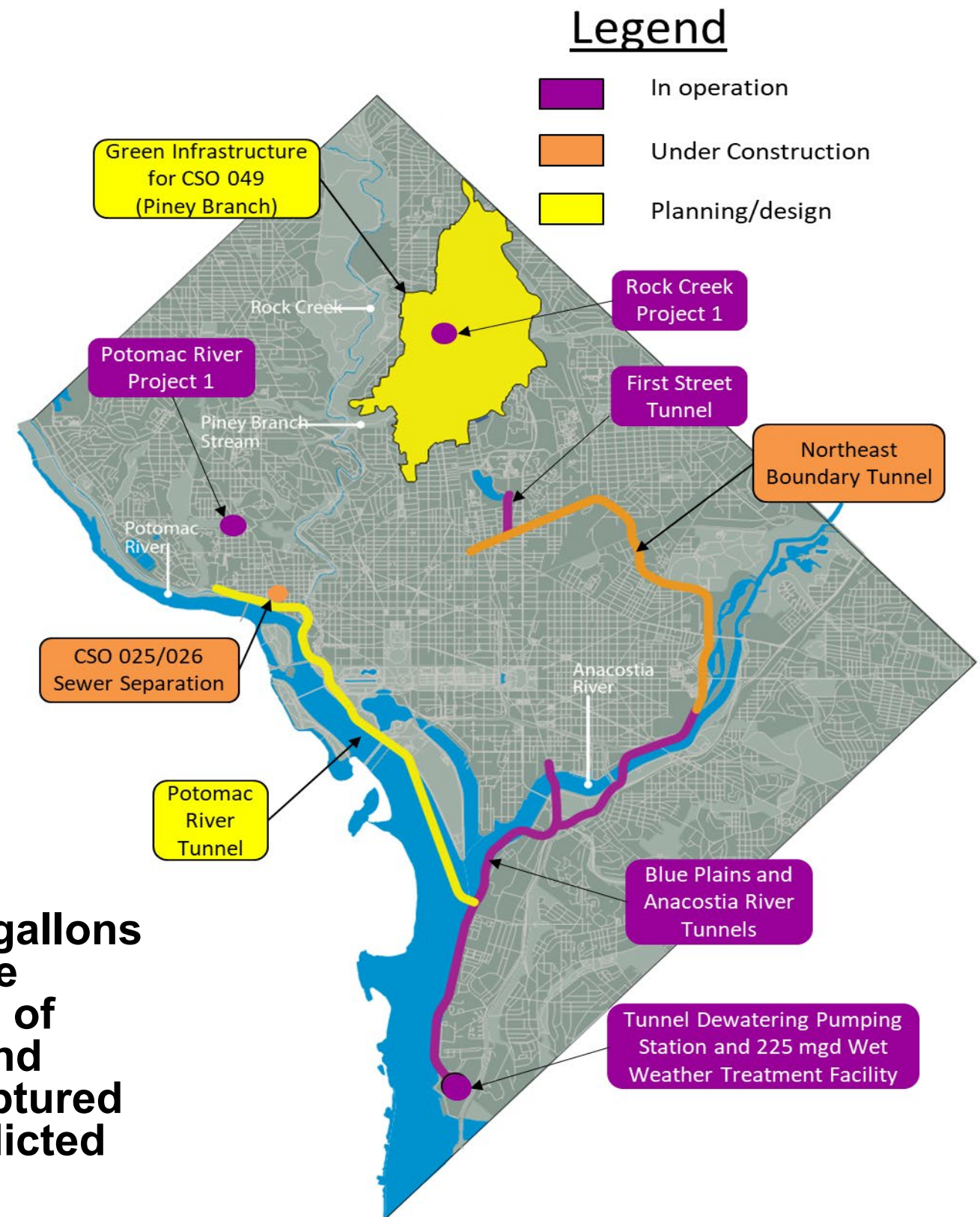


DC Clean Rivers Project Background

Current Program Status

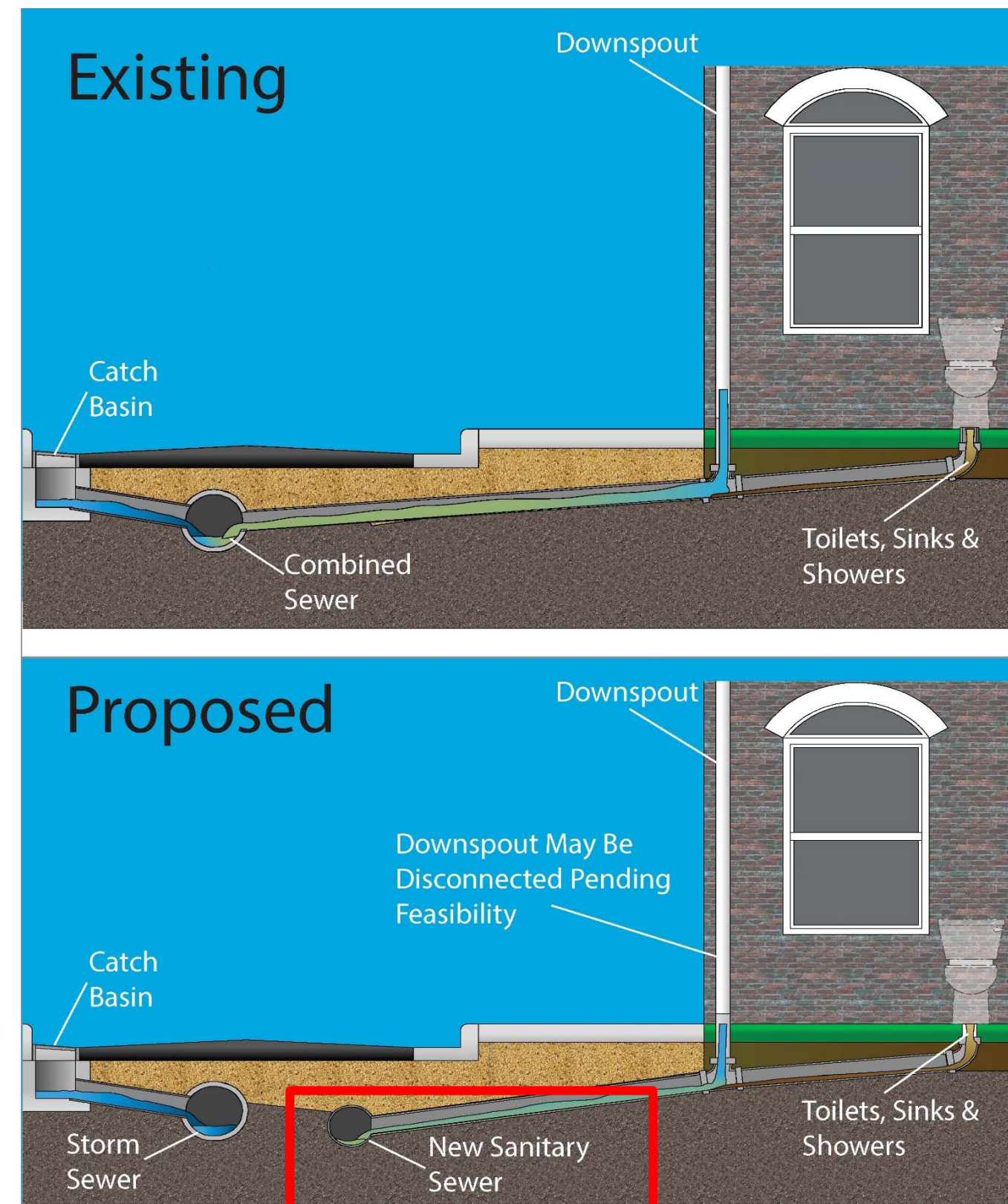
Month	Rainfall, DCA Gauge (in)	Volume Captured by Tunnel (MG)	Measured Overflow (MG)	% Captured
March 20 -31, 2018	1.48	20	0	100%
April 2018	3.59	249	10	96.0%
May 2018	8.73	860	13	98.5%
June 2018	5.21	265	47	85.0%
July 2018	9.73	679	260	72.3%
August 2018	5.19	334	14	95.9%
September 2018	9.73	784	116	87.1%
October 2018	3.06	164	0	100%
November 2018	7.57	777	5	99.3%
December 2018	5.82	468	100	82.3%
January 2019	3.30	259	0	100%
February 2019	3.52	74	0	100%
March 2019	4.00	337	46	87.9%
April 2019	2.24	77	0.1	99.9%
May 2019	4.97	311	1	99.7%
June 2019	4.27	134	0.1	100%
July 2019	6.49	339	77	81.4%
August 2019	1.99	186	22	89.3%
September 2019	0.25	19	0	100%
October 2019	6.66	450	18	96.2%
November 2019	1.37	55	0	100%
December 2019	2.80	80	0	100%
January 2020	2.79	150	0	100%
February 2020	3.21	143	0.6	99.6%
March 2020	2.31	38	0	100.0%
April 2020	6.30	338	127	72.7%
May 2020	2.49	169	0	100.0%
June 2020	3.51	205	0	99.9%
July 2020	6.51	265	2	99.2%
August 2020	8.73	463	52	89.8%
September 2020	5.53	267	186	59.0%
October 2020	4.86	264	6	97.6%
November 2020	6.14	456	25	94.7%
December 2020	4.96	430	0	100%
January 2021	1.93	56	0	100%
February 2021	4.66	147	0	100%
March 2021	3.8	267	0	100.0%
April 2021	2.20	100	0	100.0%
May 2021	3.77	142	0	100.0%
June 2021	5.51	252	10	96.1%
July 2021	4.24	277	1.9	99.3%
August 2021 (DRAFT)	6.57	415	69.3	85.7%
Total	192	11,760	1,212	90.7%

- **Over 11 billion gallons captured to date**
- **Over 6,911 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**



CSO 025 and 026 Sewer Separation Project Scope

- **Sewer separation of existing combined sewer overflow (CSO) 025 and 026 in Georgetown, Washington, DC**
 - Installation of new sanitary sewers, storm sewers, manholes, sewer laterals, cleanouts, and catch basins
 - Connection of existing sewer laterals to new sanitary sewers
 - Relocation of existing watermain lines
 - Connection of proposed sanitary sewers to 48-inch Upper Potomac Interceptor (UPI) sewer
 - Modification to existing combined sewer regulator Structure 44
 - Maintenance of traffic, erosion and sediment control, and site restoration



CSO 025 and 026 Sewer Separation Project Site Locations



CSO 025 and 026 Sewer Separation Construction Schedule

Work along K Street

ANCHOR DIV PR-C SCHEDULE SUMMARY

Row	Activity	2020		2021												2022											
		N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
1	SUBMITTALS & SUBMITTALS REVIEW																										
2	31ST STREET																										
3	PHASE 1 (WATERMAIN RELOCATION - K ST)																										
4	PHASE 2 (WATERMAIN RELOCATION - K ST)																										
5	PHASE 3 (UPI CONCRETE COLLAR AND WATERMAIN RELOCATION - K ST)																										
6	PHASE 4 (SEWER, LATERAL CONNECTION, AND MANHOLES ALONG ROAD AND SIDEWALK - 31ST ST)																										
7	PHASE 5 [APPROACH DURING THIS PHASE ELIMINATES PHASE 5] (SEWERS, MANHOLES, CROSSING IN ROCK - 31ST ST / SOUTH ST)																										
8	PHASE 6 (CROSSING IN SOFT SOIL - 31ST ST)																										
9	PHASE 7 (SEWER, MANHOLES, INLET, AND LATERAL CONNECTIONS - 31ST ST)																										
10	PHASE 8 (HARDSCAPE RESTORATION: CURB/GUTTER, ROADWAY BASE, SIDEWALK)																										
11	WATER STREET - STRUCTURE 44																										
12	PHASE 1 (REMOVE CURB STOPS SEPARATING BIKE LINE AND NEW MARKINGS)																										
13	PHASE 2 (CONSTRUCTION OF STR 44 MODIFICATION)																										
14	PHASE 3 (REPLACE CURB STOPS SEPARATING BIKE LINE AND NEW MARKINGS)																										
15	PHASE 4 (HARDSCAPE RESTORATION: CURB/GUTTER, ROADWAY BASE, SIDEWALK)																										
16	WISCONSIN AVE																										
17	PHASE 1 (REMOVE CURB STOPS SEPARATING BIKE LINE AND NEW MARKINGS - K ST)																										
18	PHASE 2 (UPI CONCRETE COLLAR AND WATERMAIN RELOCATION - K ST)																										
19	PHASE 3 (WATERMAIN RELOCATION - K ST)																										
20	PHASE 4 (UPI CONCRETE COLLAR, WATERMAIN RELOCATION, SEWER, MANHOLES, LATERAL CONNECTIONS - K ST & WISCONSIN AVE)																										
21	PHASE 5 (REPLACE CURB STOPS SEPARATING BIKE LINE AND NEW MARKINGS)																										
22	PHASE 6 (SEWER AND MANHOLES ALONG ROAD - WISCONSIN AVE)																										
23	PHASE 7 (HARDSCAPE RESTORATION: CURB/GUTTER, ROADWAY BASE, SIDEWALK)																										
24	PHASE 8 (FINAL RESTORATION: MILL & OVERLAY/ PAVEMENT MARKINGS)																										

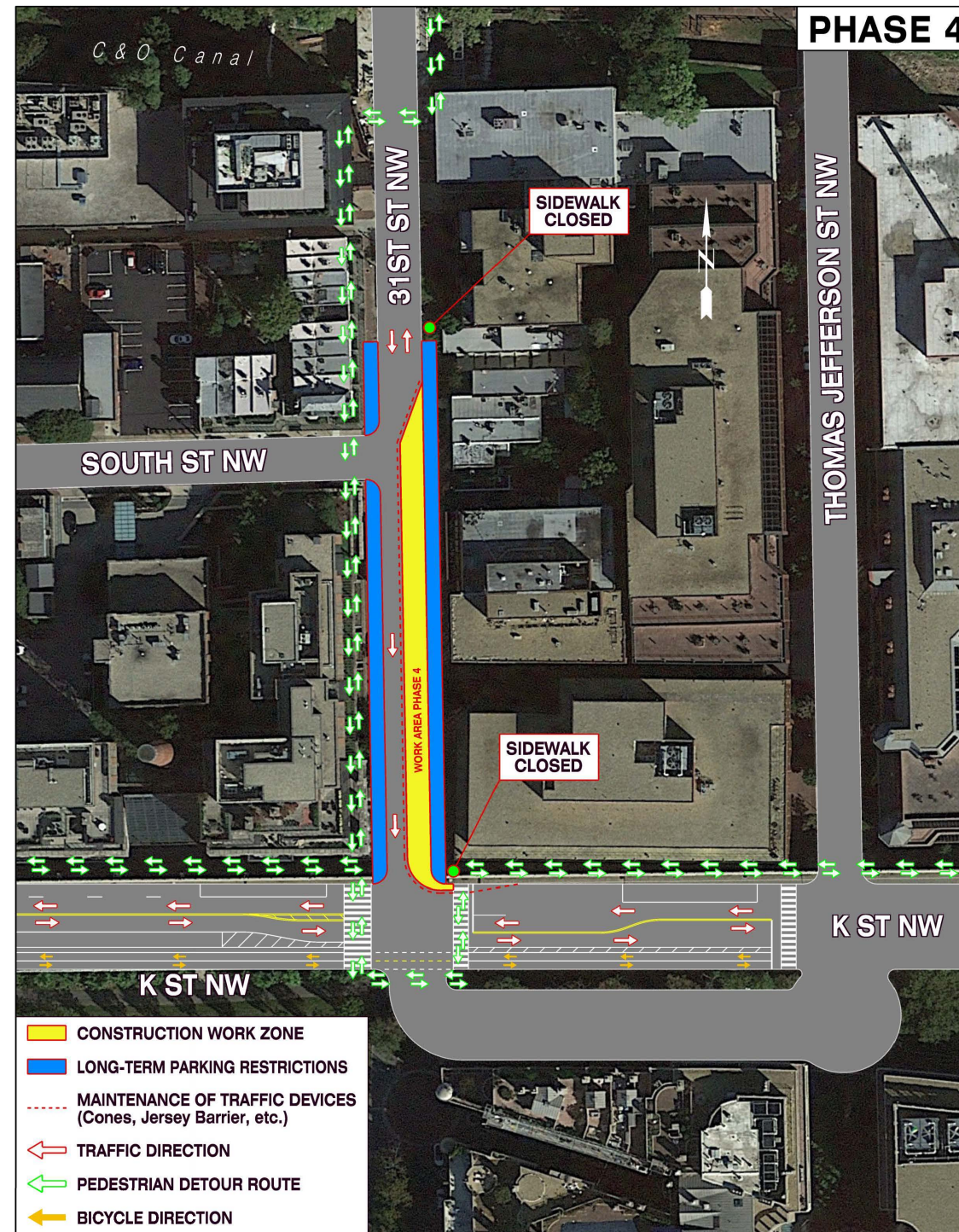
Work along K Street

Work along K Street

Project Site Locations

31st Street NW- Approximate Construction Period: May 2021 – January 2022

- Phases 1-3: Ongoing, to be completed late-September
- Phases 4-7: October 2021 to January 2022
 - PHASE 4
 - One way traffic flow southbound from South St NW to K St NW
 - Detour Wisconsin Ave NW, Thomas Jefferson St, M St NW
 - East Sidewalk closures with detour
 - PHASE 5
 - South St NW closed at 31st St NW
 - Detour Wisconsin Ave NW, K St NW
 - Sidewalk closures with detour
 - Two-way traffic on 31st ST NW
 - Maintain access to businesses and residents



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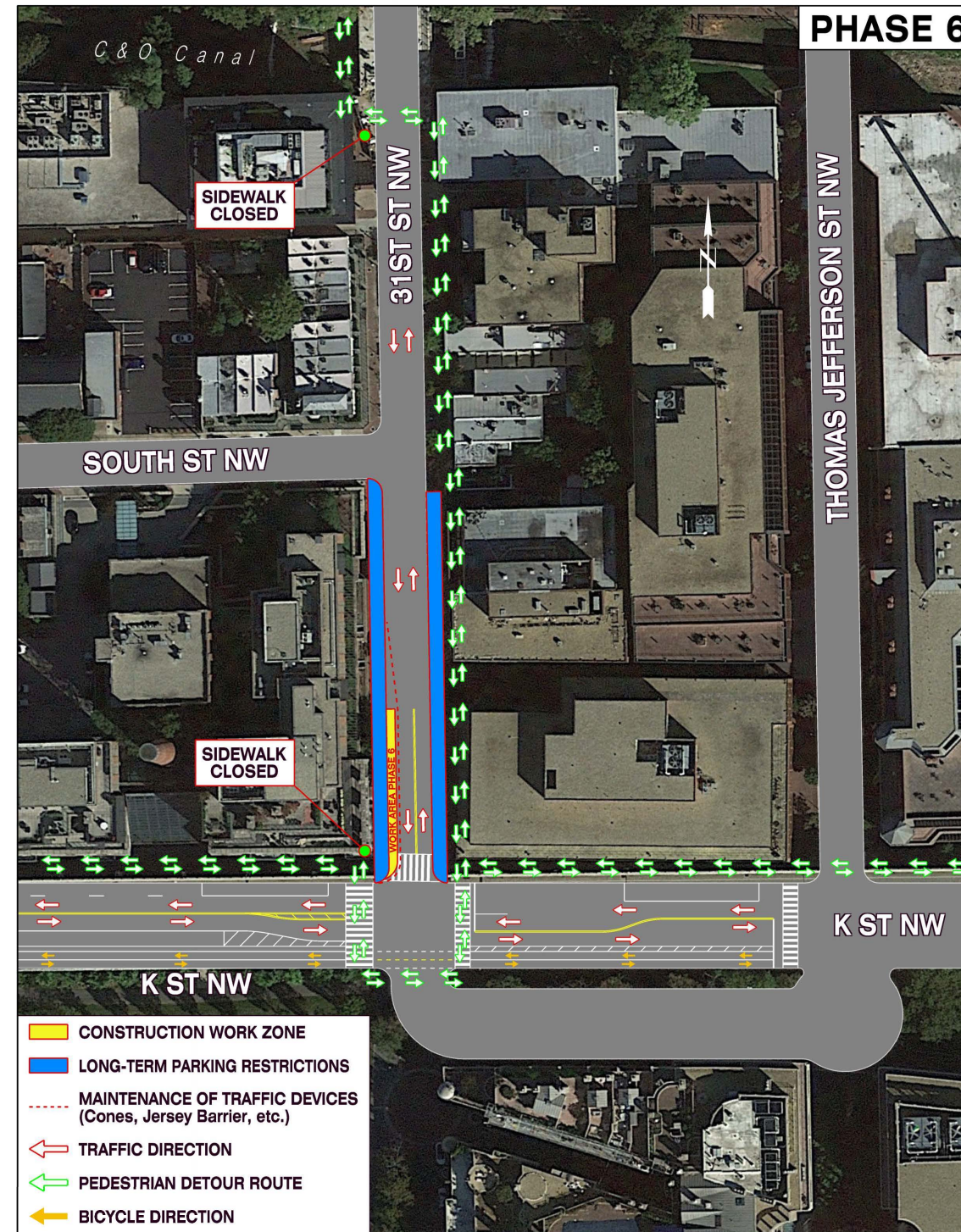


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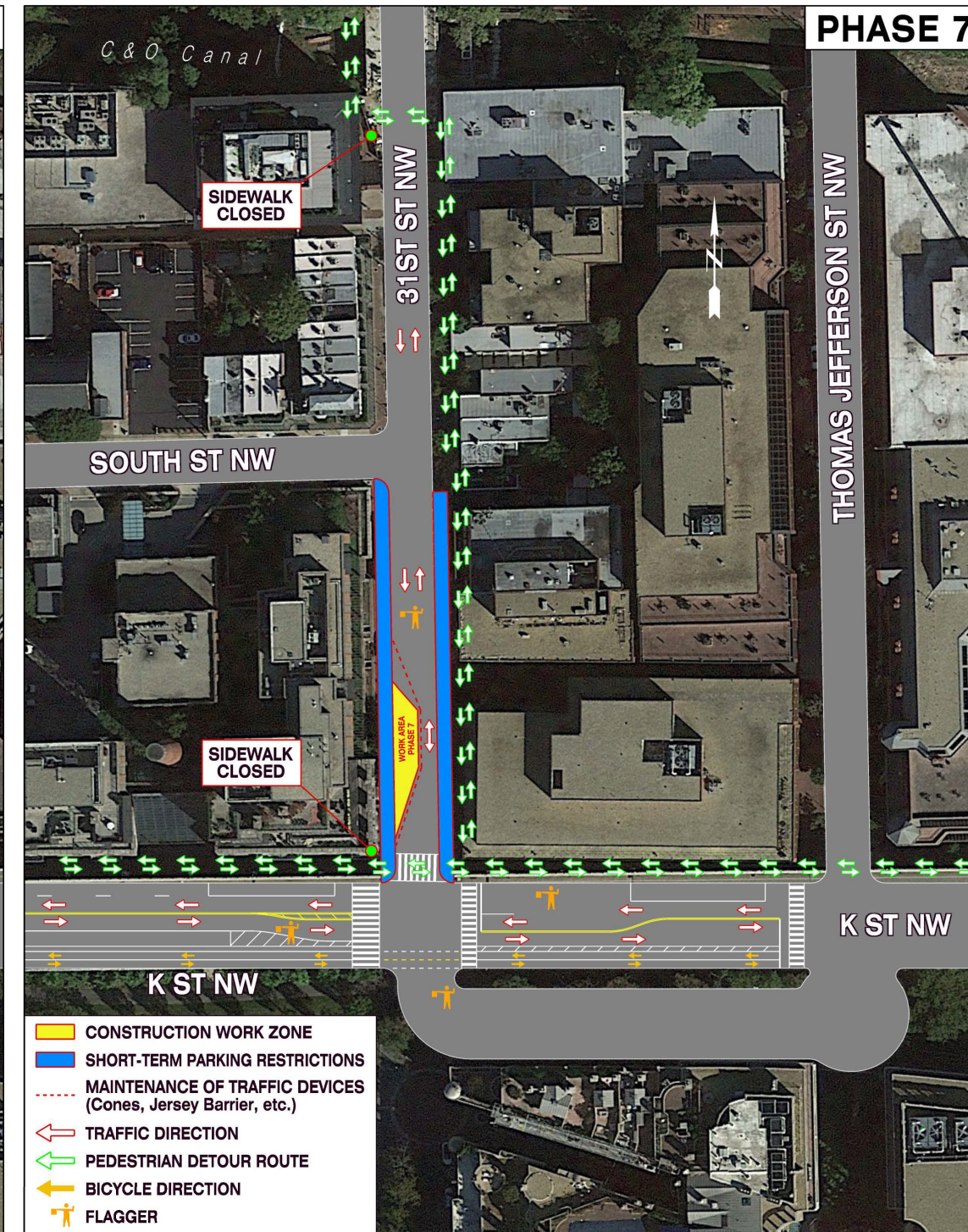
Project Site Locations

31st Street NW- Approximate Construction Period: May 2021 – January 2022

- Phases 1-3: Ongoing, to be completed late-September
- Phases 4-7: October 2021 to January 2022
 - PHASE 6
 - Two way traffic flow on 31st ST NW
 - West Sidewalk closure with detour
 - PHASE 7
 - Maintain two-way traffic on 31st ST NW with flaggers
 - West Sidewalk closure with detour
 - Maintain access to businesses and residents



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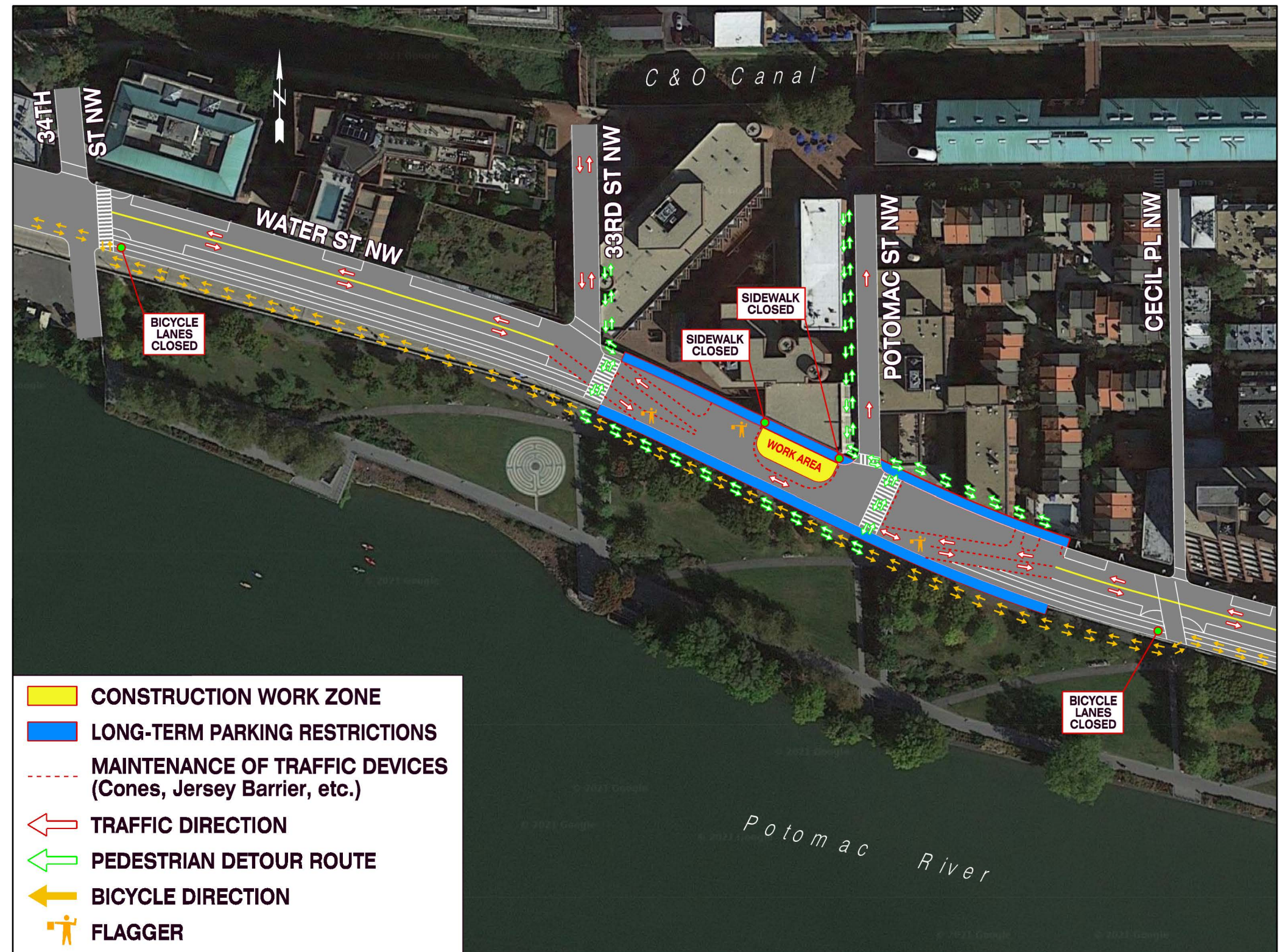


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Project Site Locations

Water Street NW (West of Potomac Street NW)

- Approximate Construction Period: late-October 2021 – January 2022
 - During construction hours, traffic will be directed with flaggers through a two-way, one-lane configuration. Outside of construction hours, traffic configuration will be a two-lane, two-way configuration.
 - Existing bicycle lane will be detoured to Waterfront Park through the duration of construction.
 - Pedestrians will be detoured to opposite sidewalk during this work.



Project Site Locations

Wisconsin Avenue NW

- Approximate Construction Period: late-January 2022 – July 2022
 - K Street NW traffic shifted south
 - Sidewalk closure with detour
 - Eastbound bicycle lane detoured to Waterfront Park pathway
 - Detailed MOT Phases to be provided at subsequent public meetings



DCCR Potomac River Projects

- CSO 025 & 026 Sewer Separation
 - **Completion expected in August 2022**
- Other DCCR Potomac River Projects
 - Potomac River Tunnel (PRT) Advanced Utility Construction
 - Award contract for construction in September 2021
 - Work in Georgetown associated with this project anticipated from late 2021 through 2022
 - Potomac River Tunnel (PRT) Construction
 - Award contract for construction in Summer 2023
 - Place in operation early 2030

Upcoming PRT Investigations Potomac River Borings

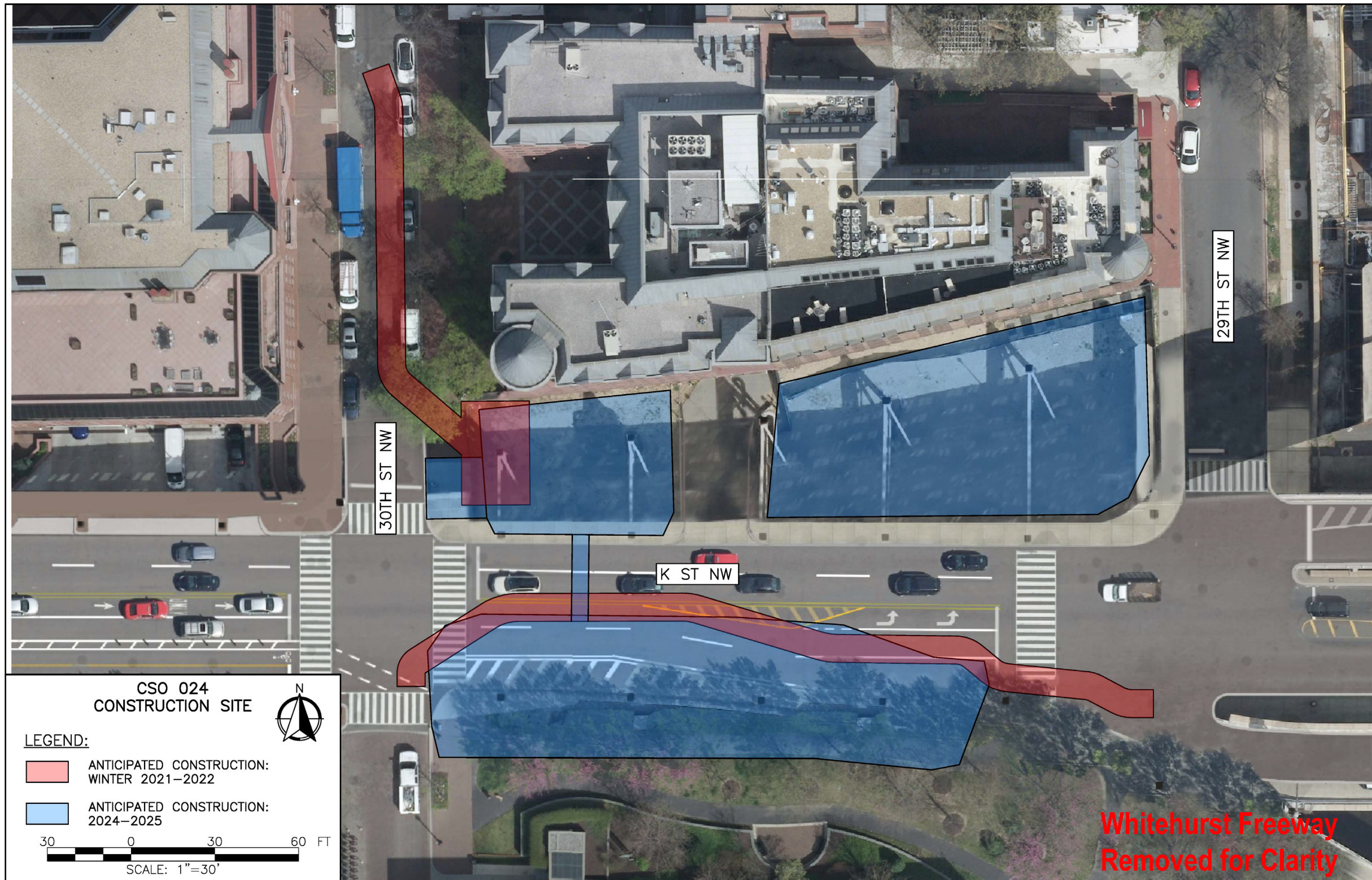
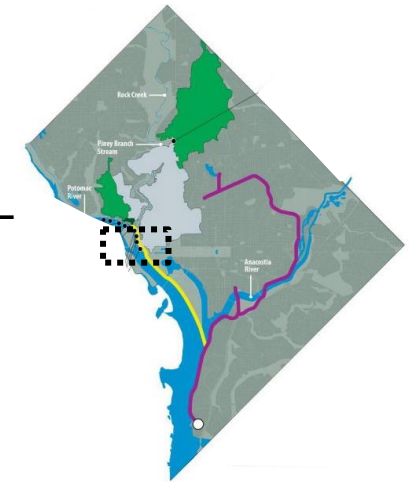


River Borings

- 3 borings
- Work hours are 7am-7pm Monday-Friday (Occasional Saturdays)
- Anticipated mid-September to mid-October

PRT Project Overview

CSO 024



Advanced Utility Construction

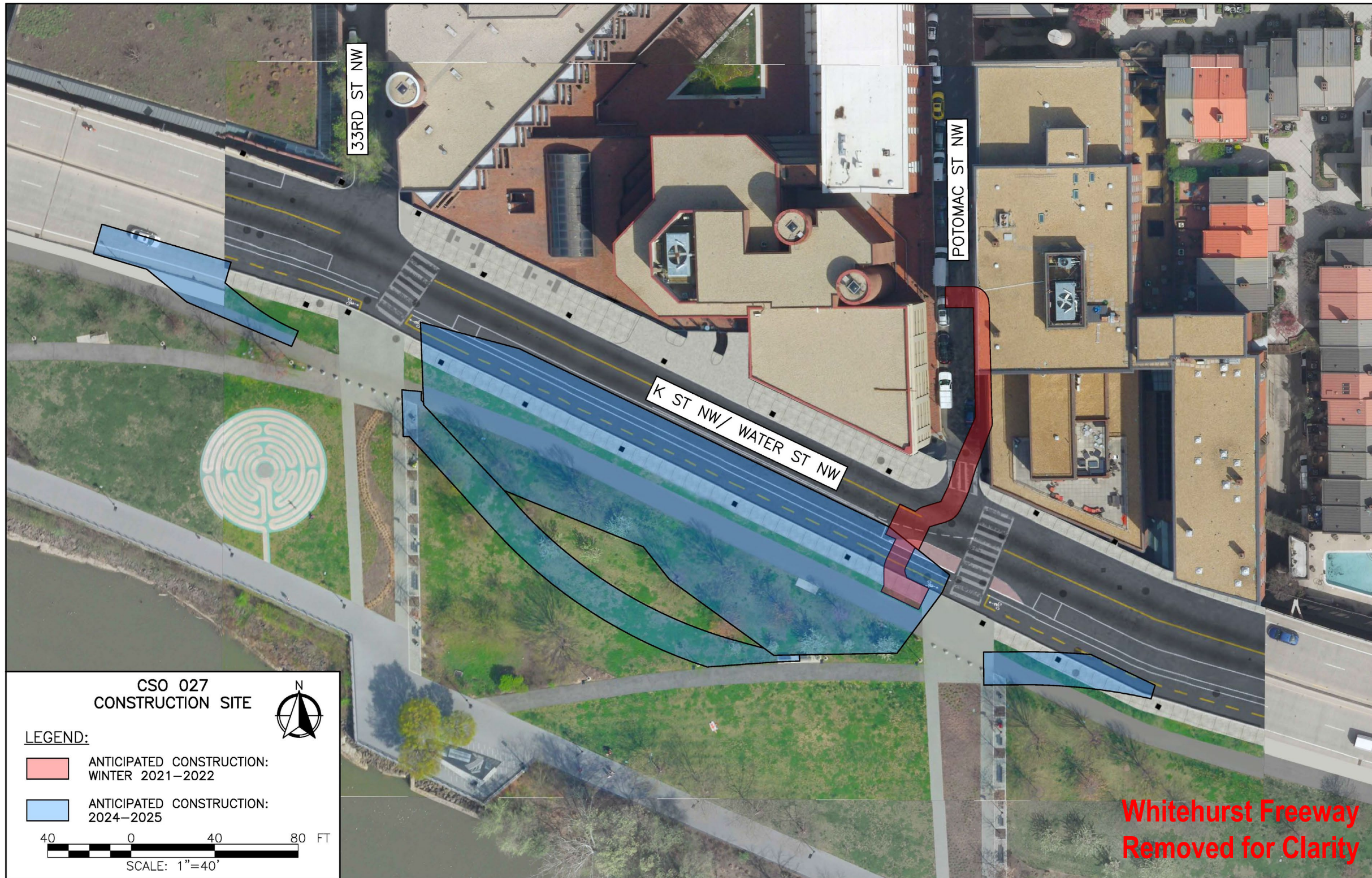
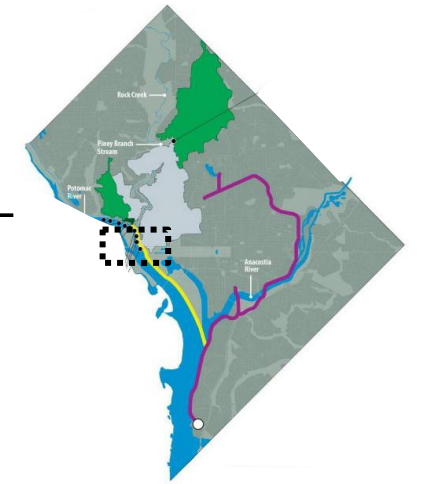
Status: In procurement
Impact: Phased MOTs for pedestrians, motorists and bicyclists – similar to CSO 025 & 026 Sewer Separation
Duration: 2-3 months
Schedule: early 2022 (subject to change)

Tunnel Construction

Status: In planning
Schedule: 2024-2025 (subject to change)

PRT Project Overview

CSO 027



Advanced Utility Construction

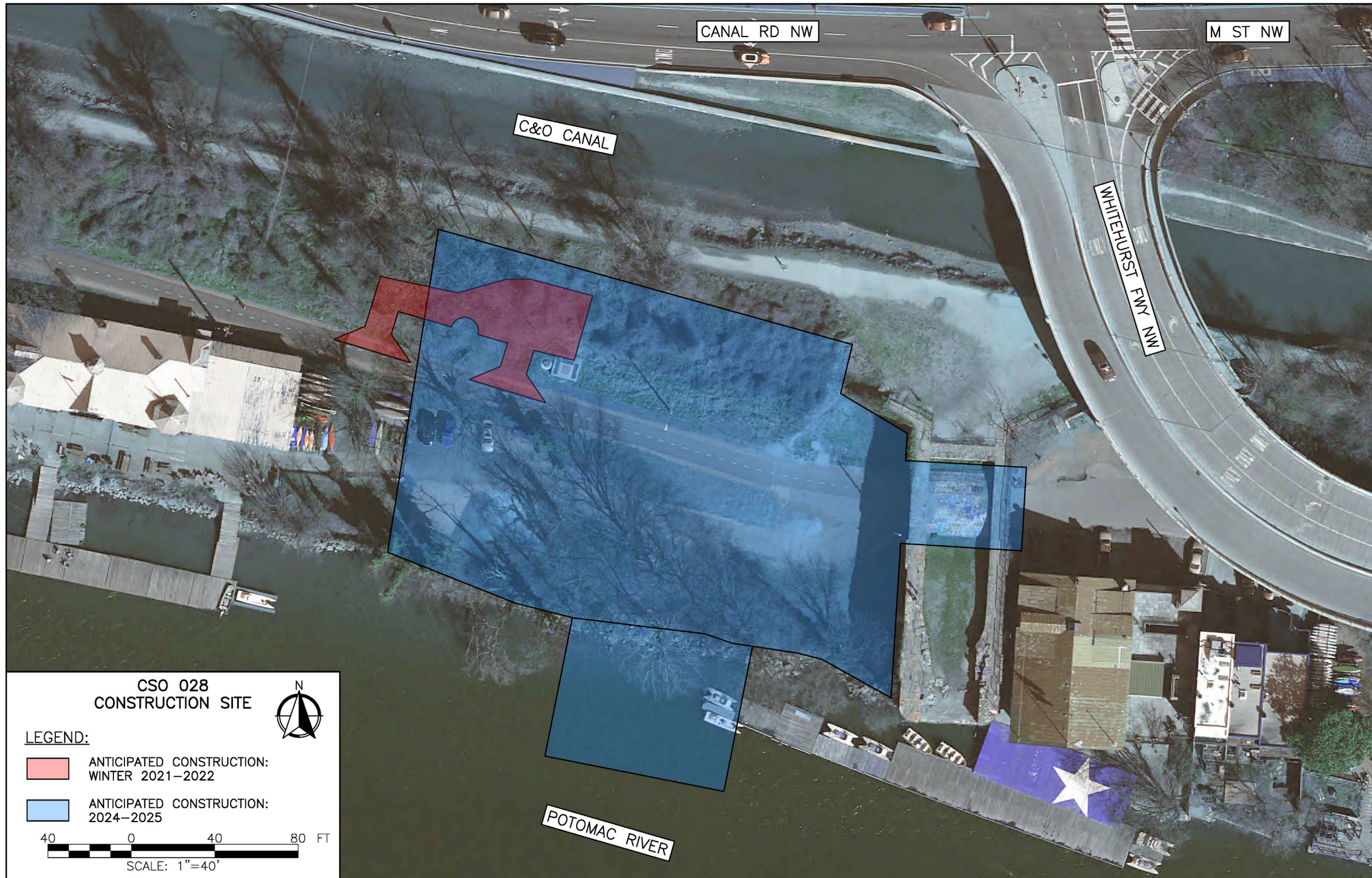
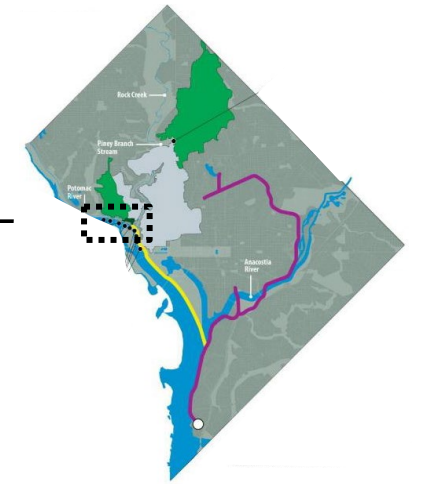
Status: In procurement
Impact: Phased MOTs for pedestrians, motorists and bicyclists – similar to CSO 025 & 026 Sewer Separation
Duration: ~2 months
Schedule: Anticipated Fall 2022 (after CSO 025 & 026 Sewer Separation work)

Tunnel Construction

Status: In planning
Schedule: 2024-2025 (subject to change)

PRT Project Overview

CSO 028



Advanced Utility Construction

Status: In procurement
Impact: Phased MOTs for pedestrians and bicyclists – Capital Crescent Trail remains open
Duration: <1 month
Schedule: late 2021 (subject to change)

Tunnel Construction

Status: In planning
Schedule: 2024-2025 (subject to change)

Next Steps

- Continue to provide construction updates and notifications to Councilmember's Office, ANC, Georgetown BID, and community
- Full-time monitoring of Project Hotline: 301-772-7358
- If you would like to be included in DC Water's email distribution list for updates on Sewer Separation, please email dccleanriverssewersep@dcwater.com
- Community meeting for the Potomac River Tunnel Project: Anticipated October/November 2021

Contact Information

Project Hotline: 301-772-7358

Project Email: dccleanriverssewersep@dcwater.com

Project Website: www.dewater.com/sewersep