



Briefing on:

***DC CLEAN RIVERS POTOMAC
RIVER TUNNEL PROJECT***

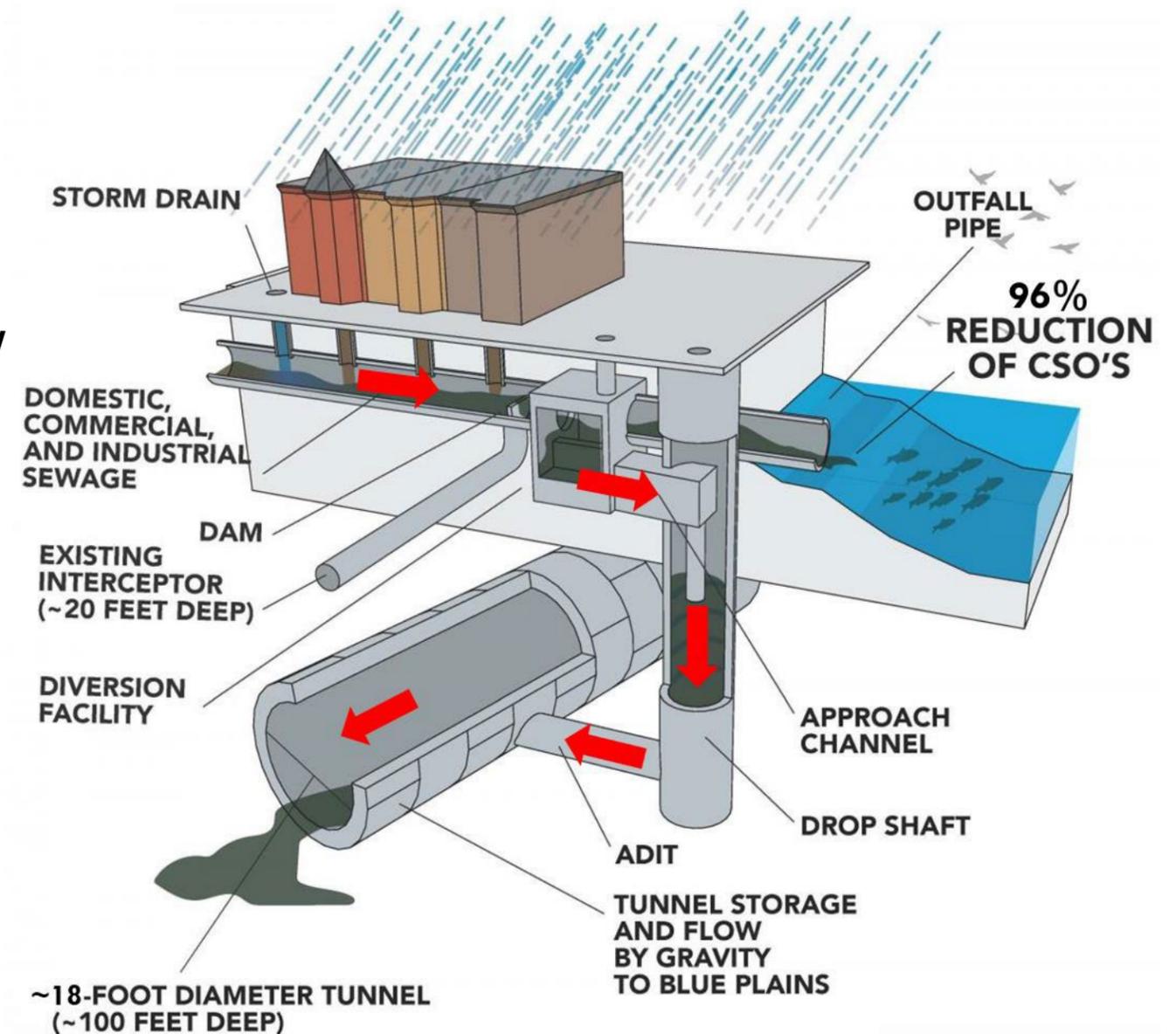
Pre-Construction Community Meeting

December 9, 2021



Agenda

- Consent Decree
- DC Clean Rivers Background and Status
- DCCR Potomac River Projects
- Potomac River Tunnel Advanced Utility Construction Phase
 - Site Locations & Overview
 - Site Schedules
 - General Construction Processes
 - Site Impacts
- Next Steps



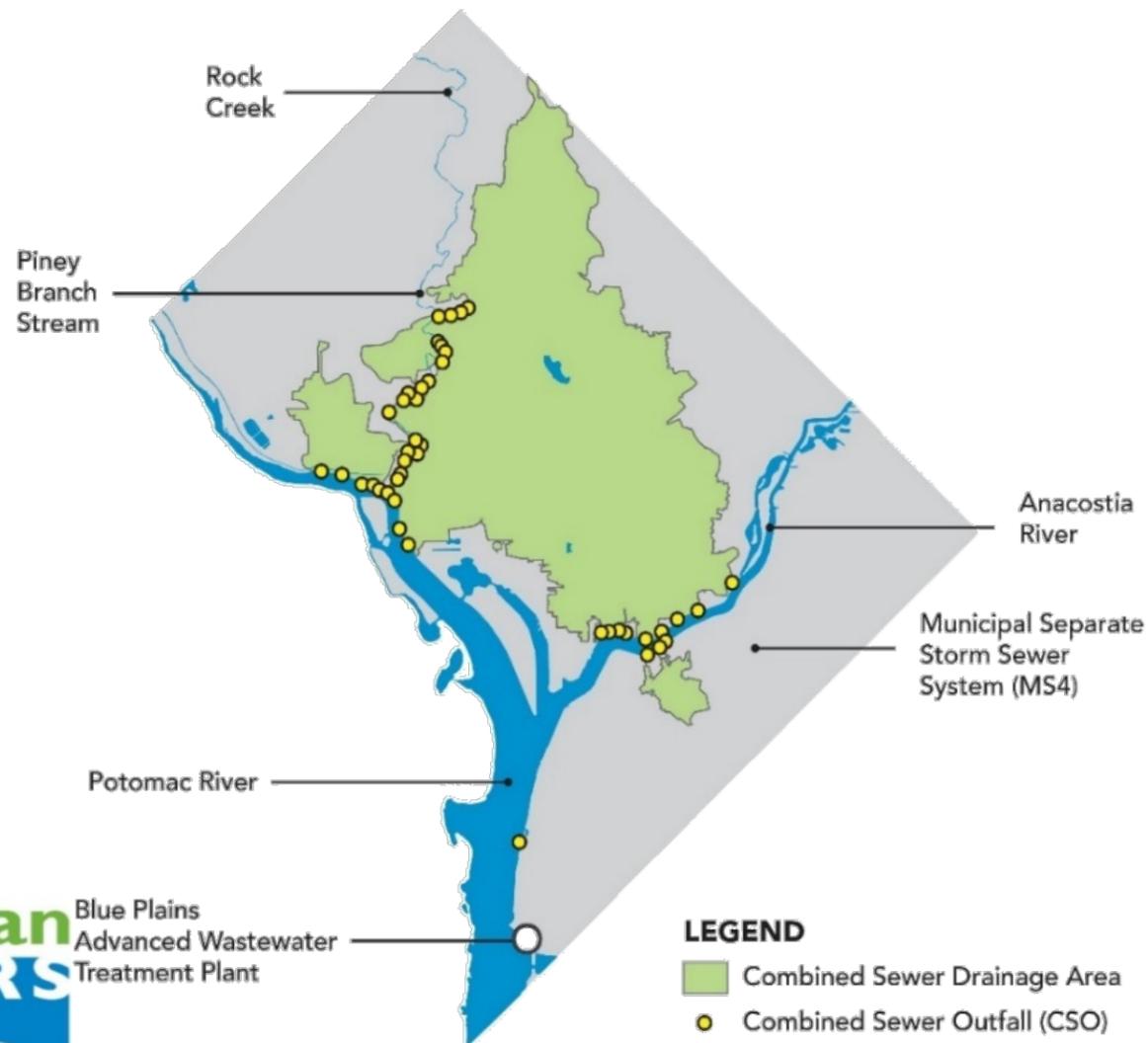
Virtual Meeting Participation Tips

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- All attendees are muted to minimize disruptions.
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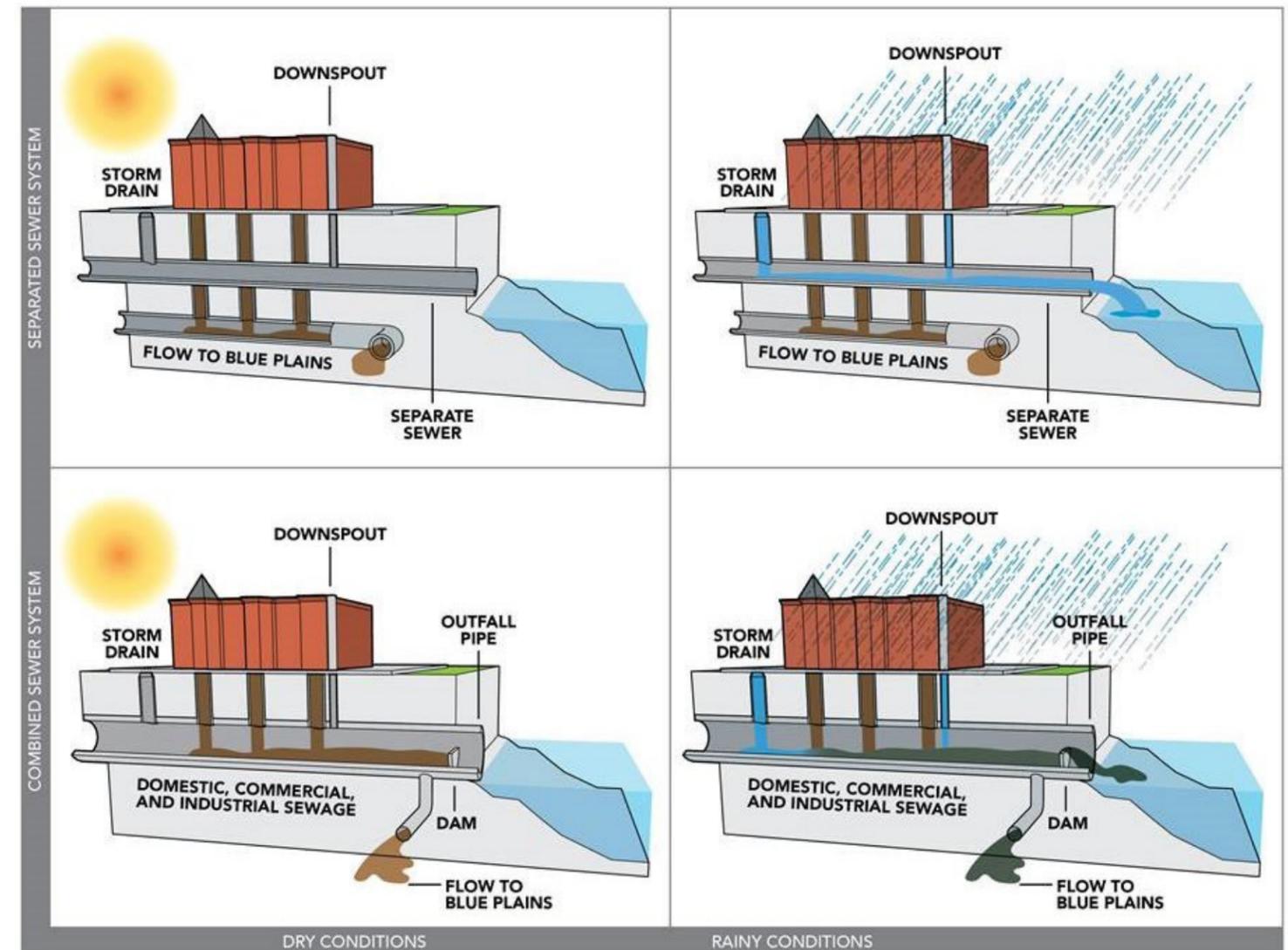
DC Clean Rivers Project Background

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 2023

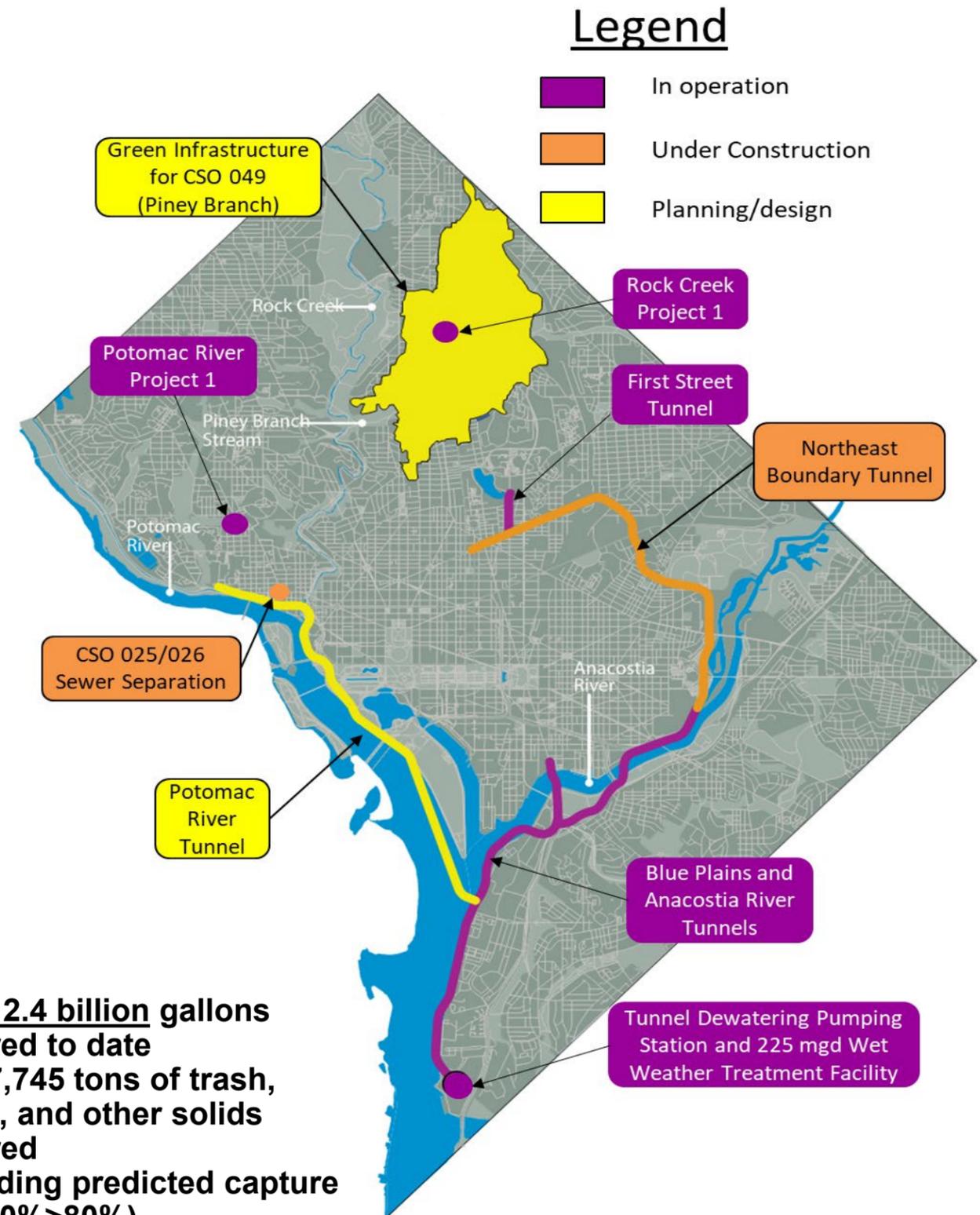


*Discharge occurs when pipe's capacity is exceeded

DC Clean Rivers Project Background

Current Program Status

No.	Month	Rainfall, DCA Gauge (in)	Volume Captured by Tunnel (MG)	Measured Overflow (MG)	% Captured
12	February 2019	3.52	74	0	100%
13	March 2019	4.00	337	46	87.9%
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	8.17	496	73.5	87.1%
43	September 2021	4.29	326	0.0	100.0%
44	October 2021	3.44	293	0.0	100.0%
	Total	201	12,460	1,216	91.1%



- Over **12.4 billion** gallons captured to date
- Over **7,745 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

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 Advanced Utility Construction Phase Anticipated Project Schedule

Activity	2021		2022												2023				
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Project Coordination with Community																			
Outreach Events																			
CSO 020-Construction Activities																			
Independence Ave-Construction Activities																			
CSO 024-Construction Activities																			
CSO 027-Construction Activities																			
CSO 028-Construction Activities																			

TODAY



 DC Water is committed to maintain community engagement throughout construction of the project by performing community meetings and establishing a project hotline.

 Outreach Event milestones on schedule represent possible meetings or presentations to Councilmember's Office, ANC, businesses, and community to discuss the project, proposed design, and/or possible impacts

 Schedule may be updated pending actual construction progress



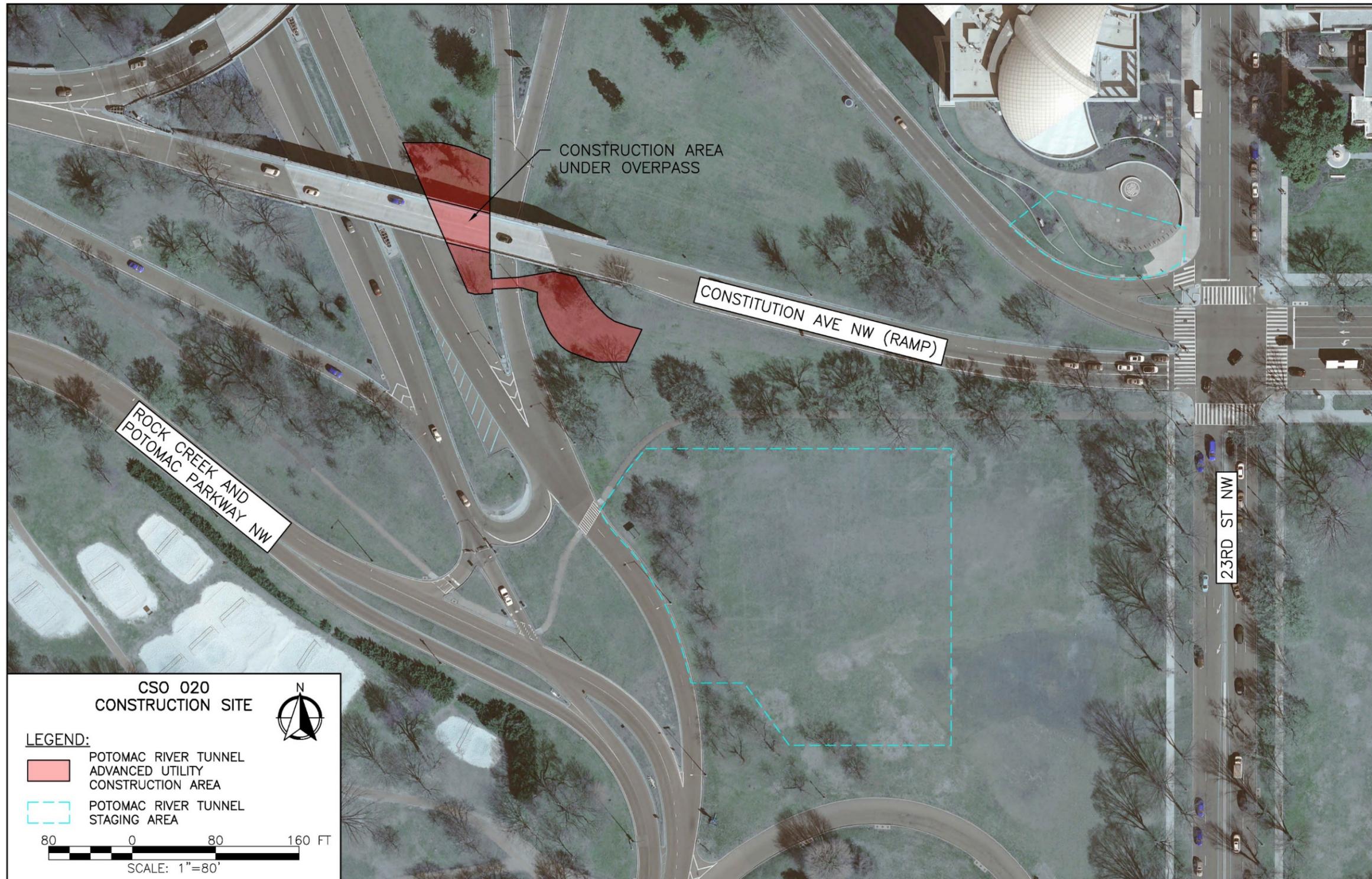
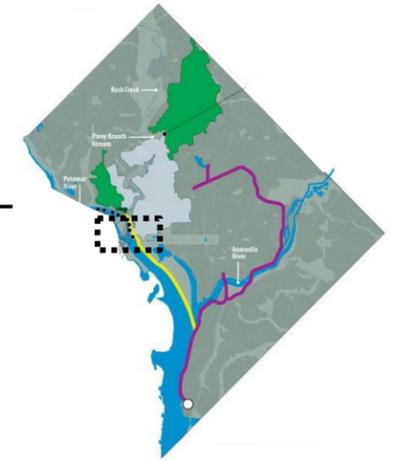
PRT Advanced Utility Construction Phase

General Construction Processes

- Work Hours
 - Anticipated Weekdays: specific hours shown on impact maps
 - Extended work hours and weekend work may be considered
- Water and sewer services
 - Continued service, disruptions are not anticipated
- Site conditions
 - Site plated at the end of each work day
 - Site restored in kind per DDOT requirements at construction completion
- Staging area and storage
 - Up to 5 fenced, staging areas along Independence Ave SW that remain throughout the project
- Tree Protection and Removal
 - Tree protection will be provided as necessary and as required by Urban Forestry Administration permit
 - A maximum of four (4) trees will be impacted and replaced along the Capital Crescent Trail
- Anchor / DC Water will analyze potential impacts due to construction and coordinate appropriate mitigation requirements with:
 - DDOT – Traffic, Pedestrian and Bicycle Impacts
 - WMATA – Transit Impacts
 - DOEE – Environmental Impacts
 - FEMS – Fire and Emergency Services
 - DPW – Garbage Collection
- Anchor / DC Water will notify the community and post signage regarding traffic, pedestrian, bike and scooter, parking, and public transport impacts.
- Vibration, noise monitoring and mitigation, and dust control will be in place throughout project.
- Site Security / Safety
 - Heavy equipment – Back up camera or Proximity alert system installed
 - Controlled access will be maintained
 - Signage
 - Barriers or fencing

PRT Project Overview

CSO 020



Advanced Utility Construction

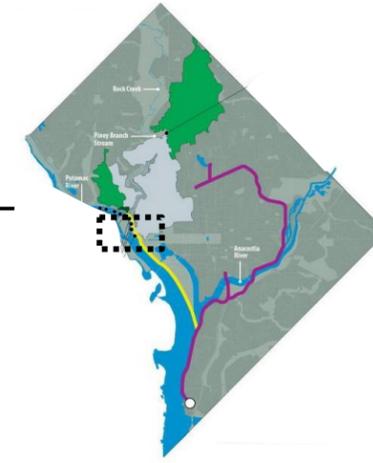
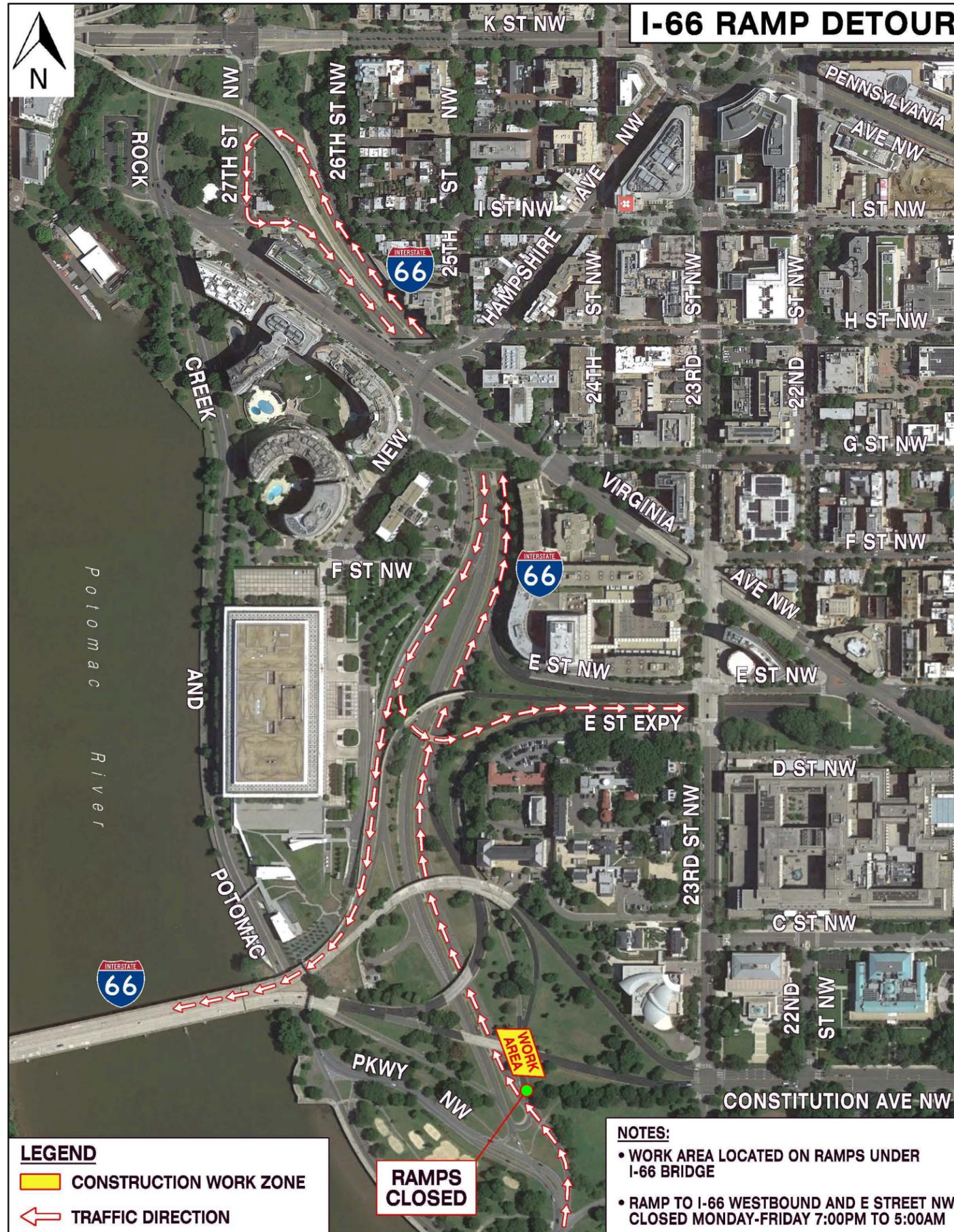
Duration: ~3 months
Schedule: Early 2022
(subject to change)

Tunnel Construction

Status: In planning
Schedule: TBD

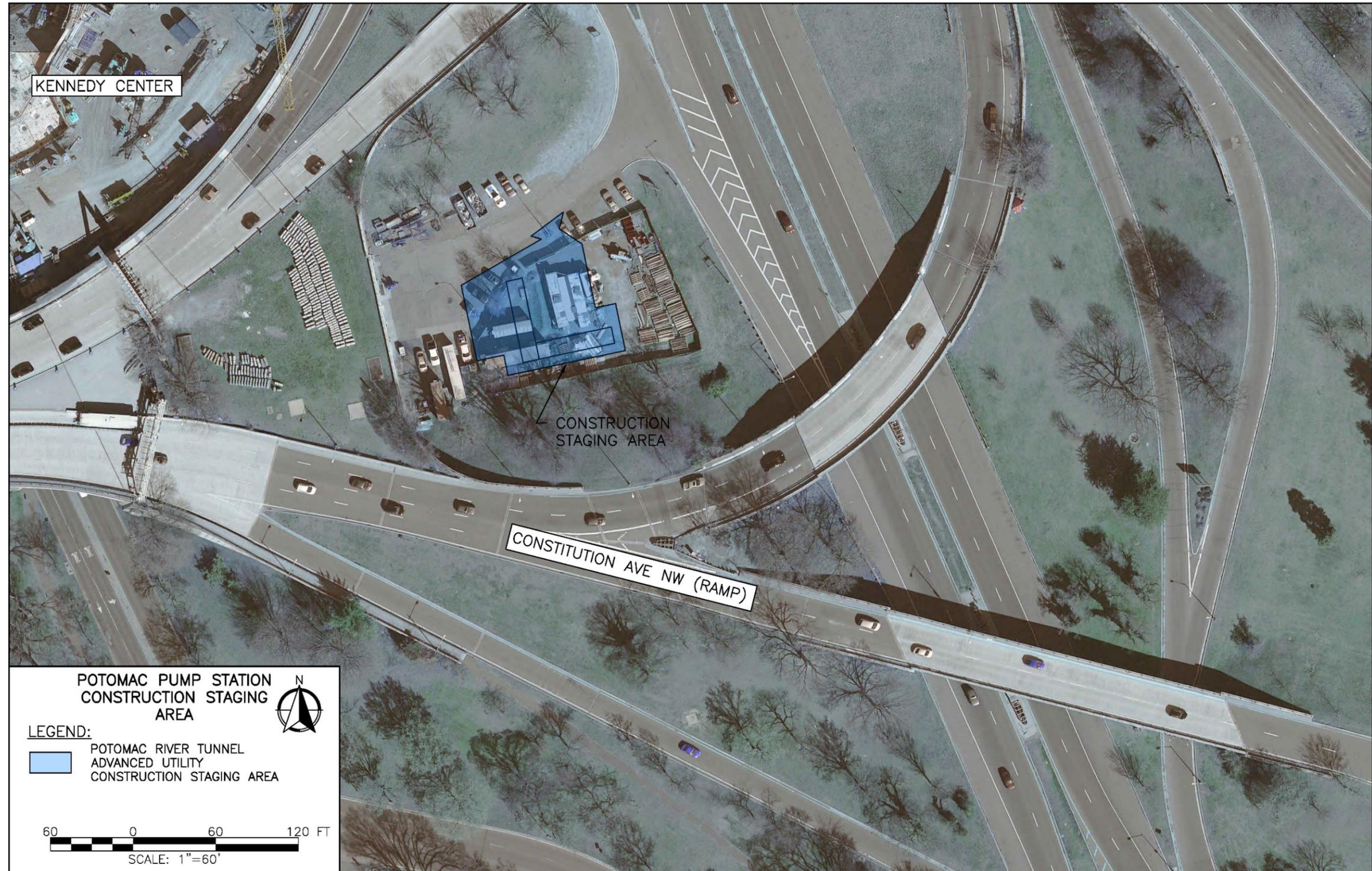
PRT Advanced Utility Construction Phase

CSO 020 Site Impacts – Overnight Only



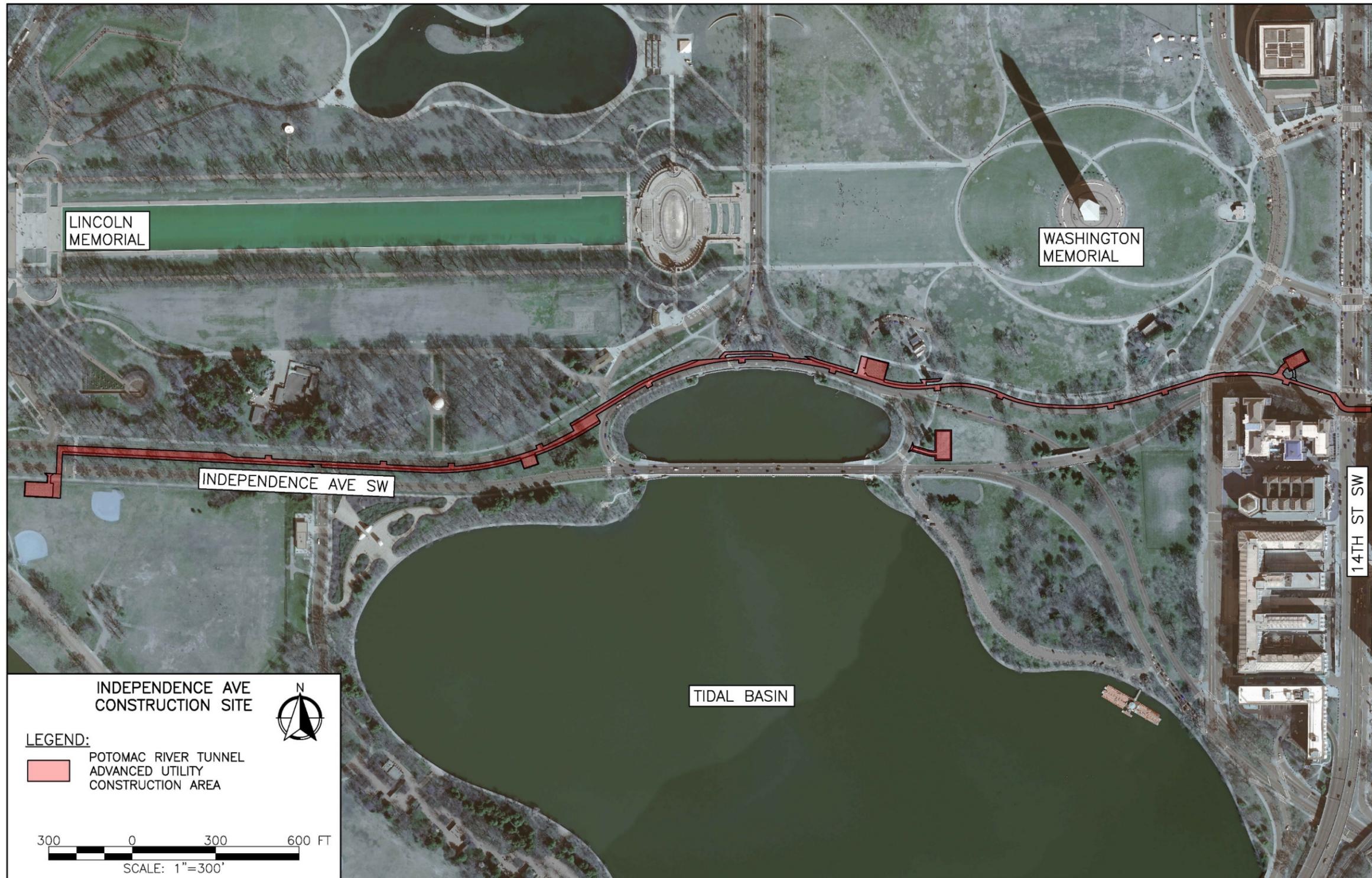
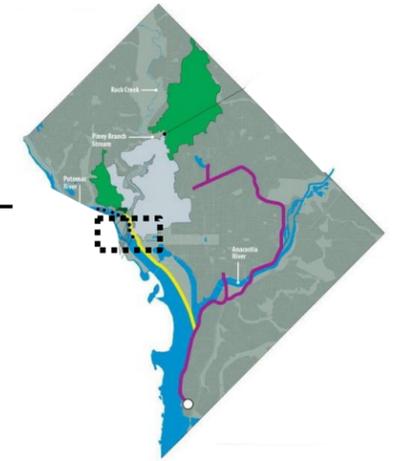
PRT Project Overview

Potomac Pumping Station Trailers



PRT Project Overview

Independence Ave Site



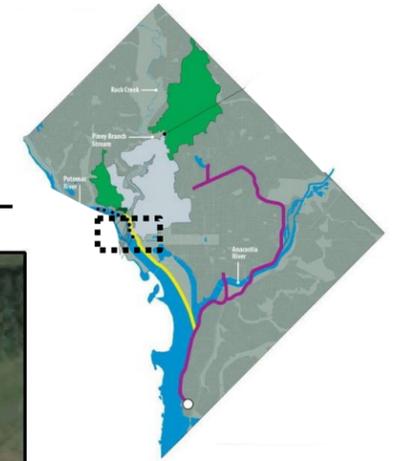
Advanced Utility Construction

Duration: ~9 months
Schedule: Early 2022 - Fall 2022 (subject to change)

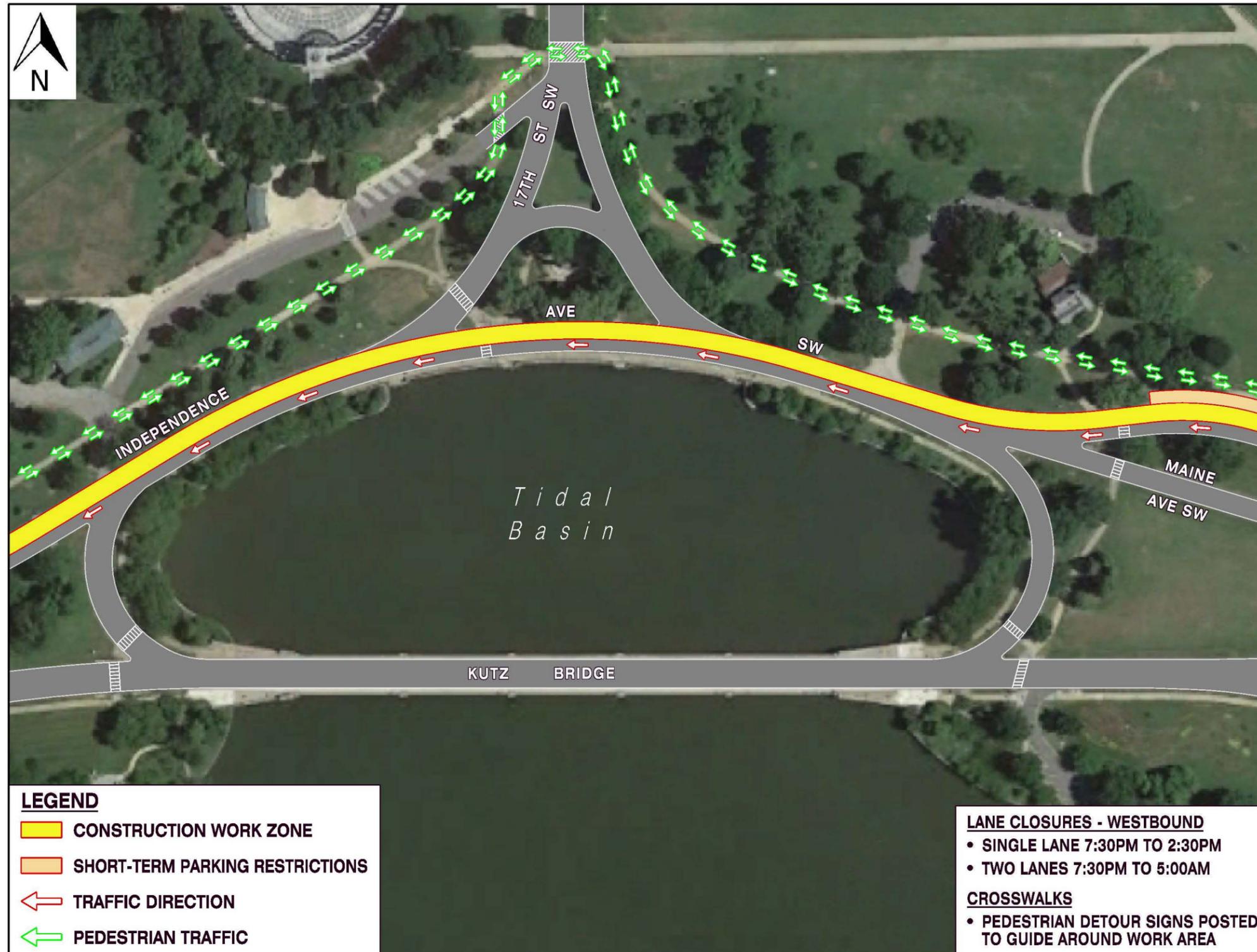
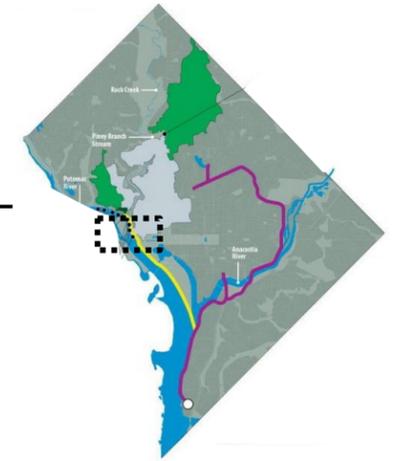
Tunnel Construction

None

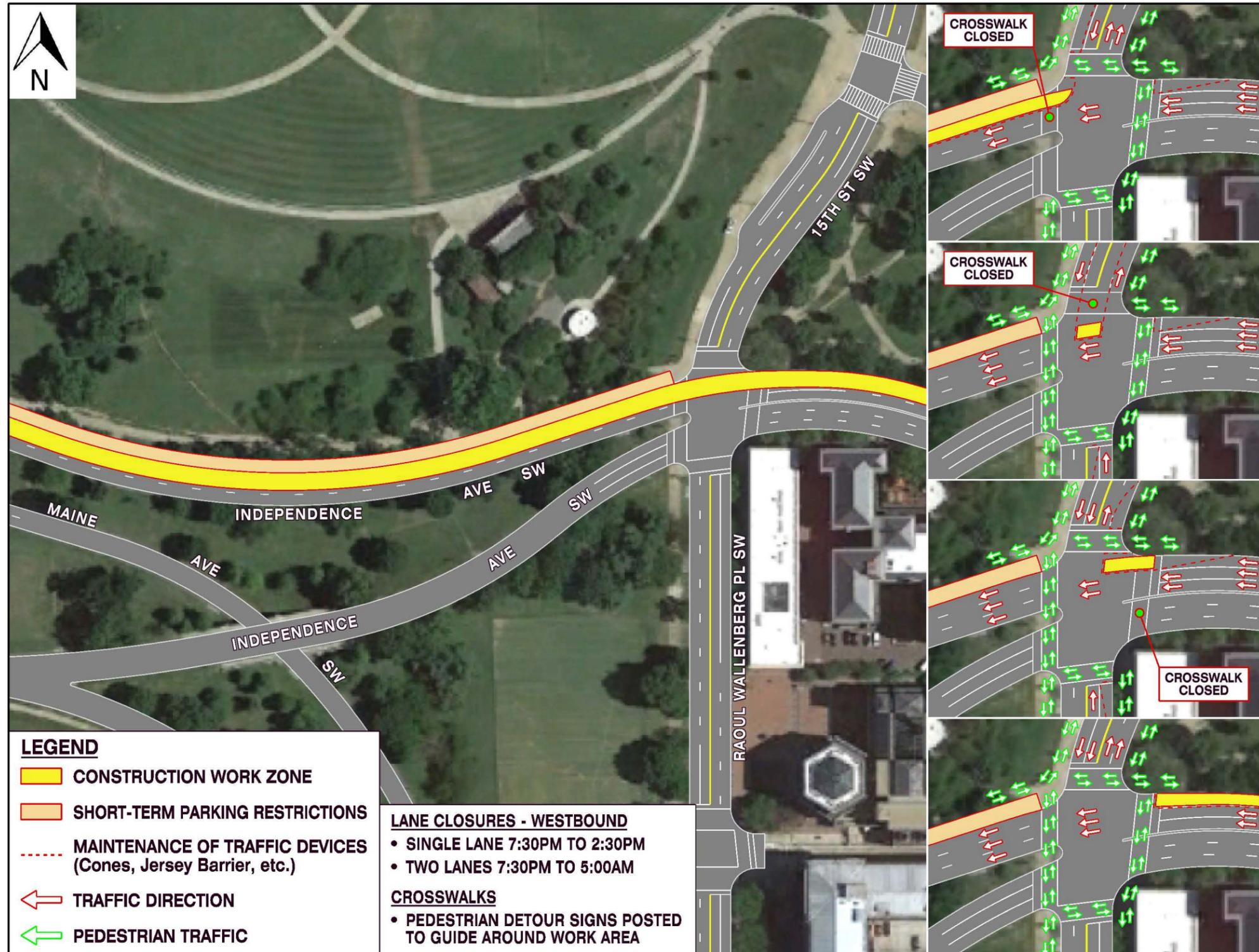
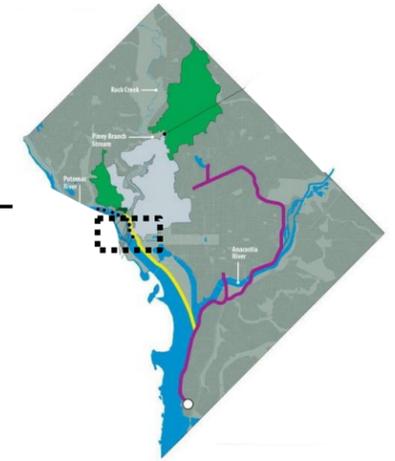
PRT Advanced Utility Construction Phase Independence Ave Site Impacts



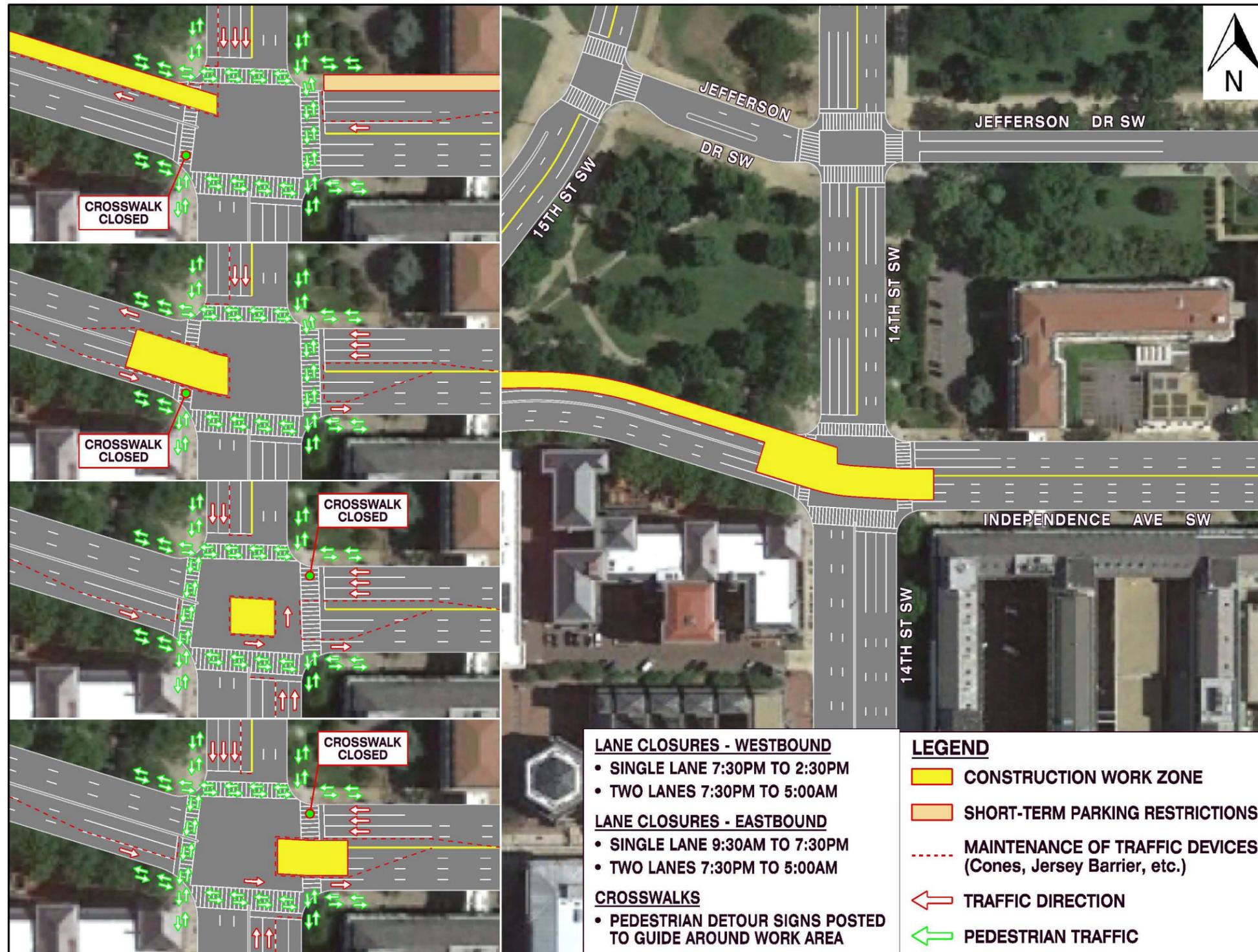
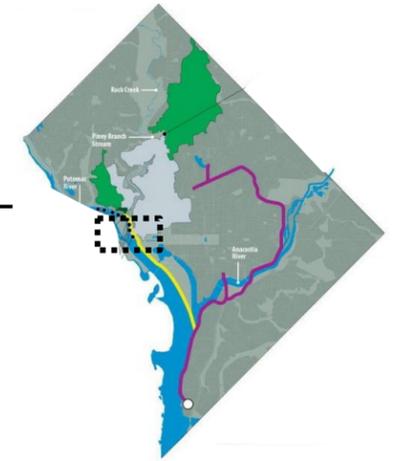
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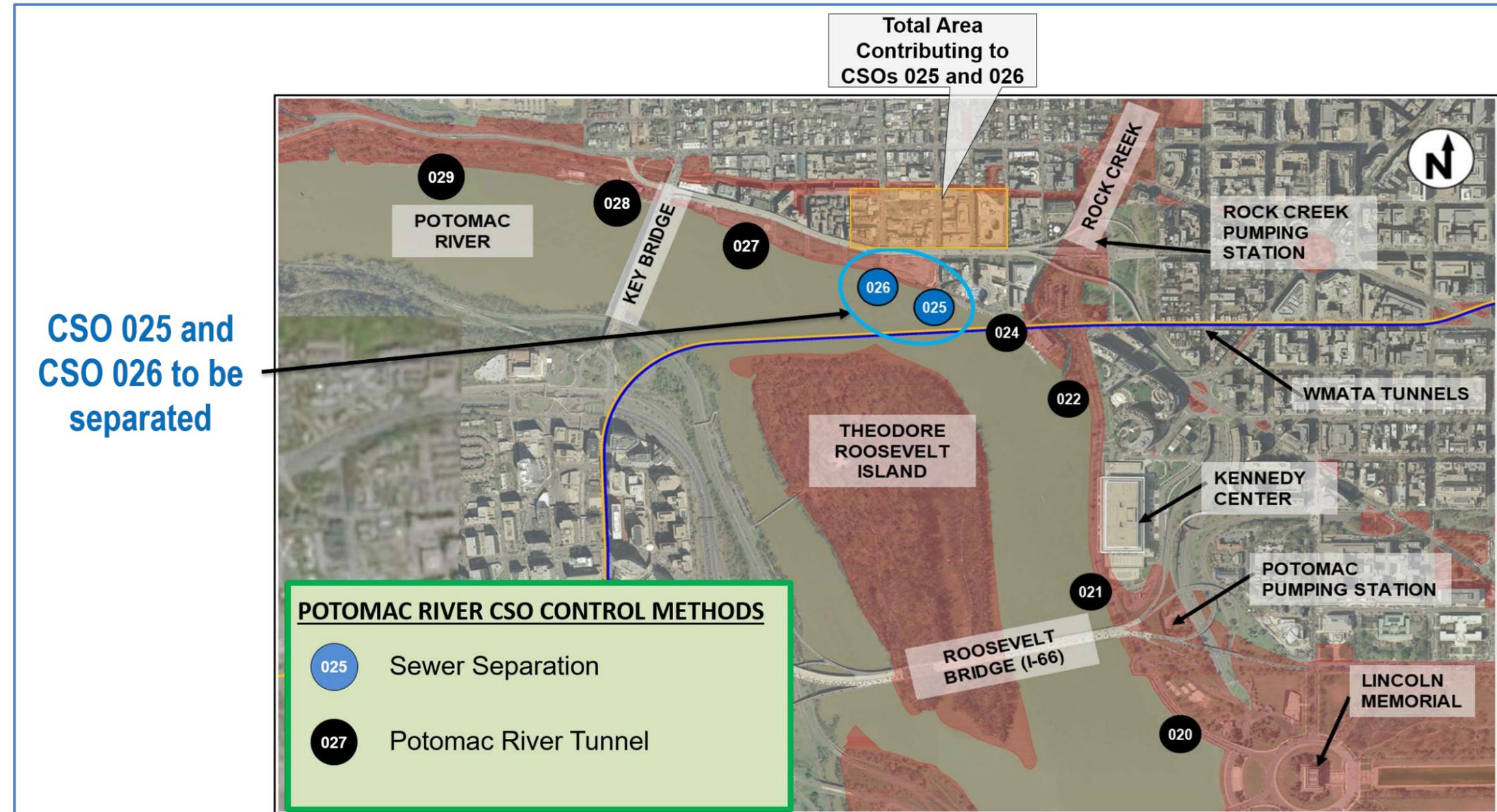


PRT Advanced Utility Construction Phase Independence Ave Site Impacts



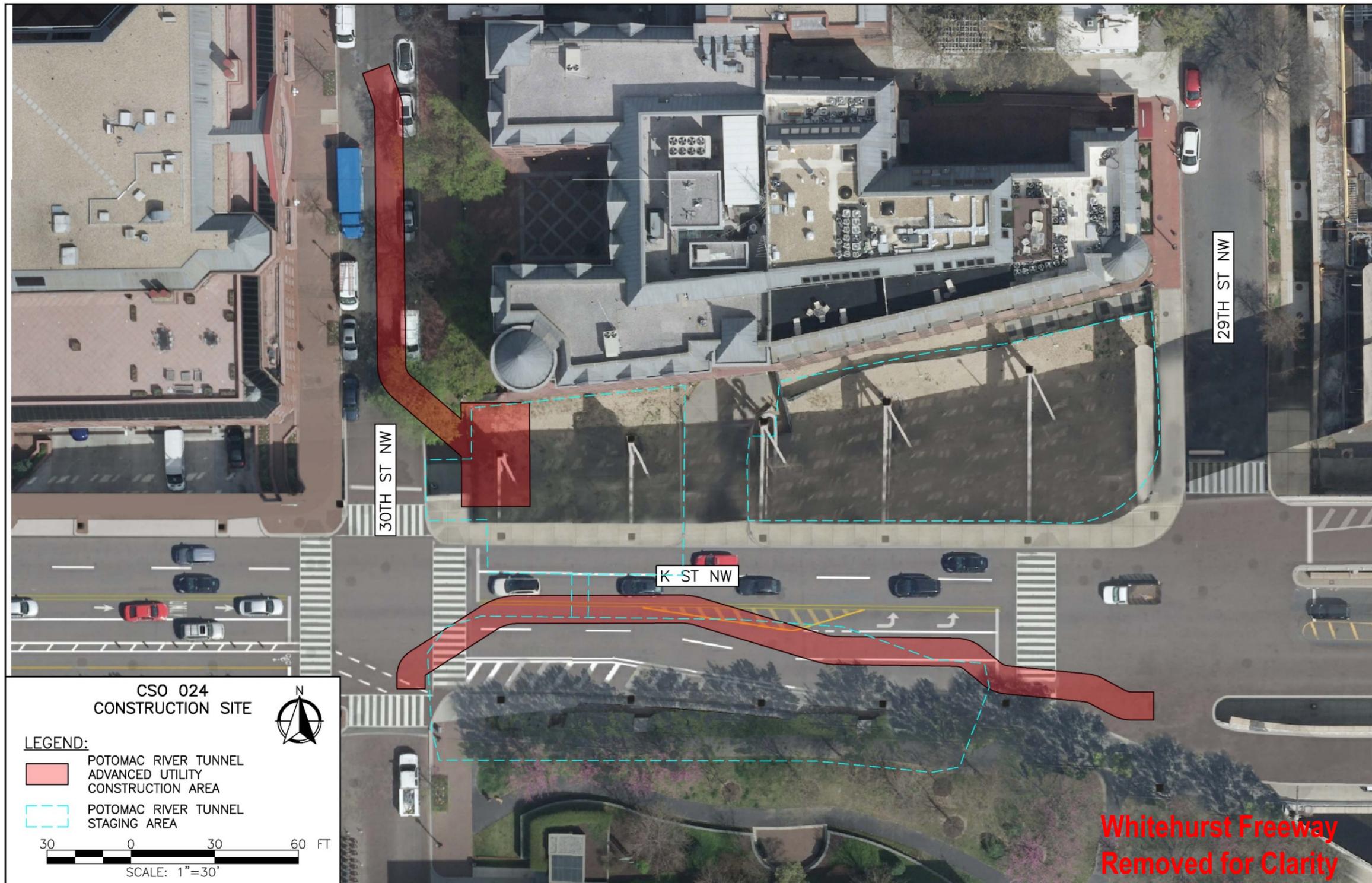
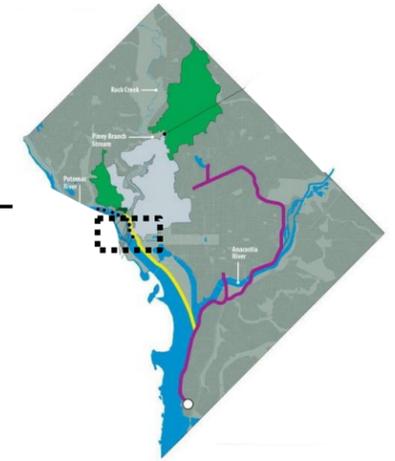
DCCR Potomac River Projects in Georgetown

- Sewer Separation (CSOs 025 and 026)
- Potomac River Tunnel Project Phases (CSOs 024, 027, 028)
 - Potomac River Tunnel (PRT) Advanced Utility Construction
 - Potomac River Tunnel (PRT) Construction



PRT Project Overview

CSO 024



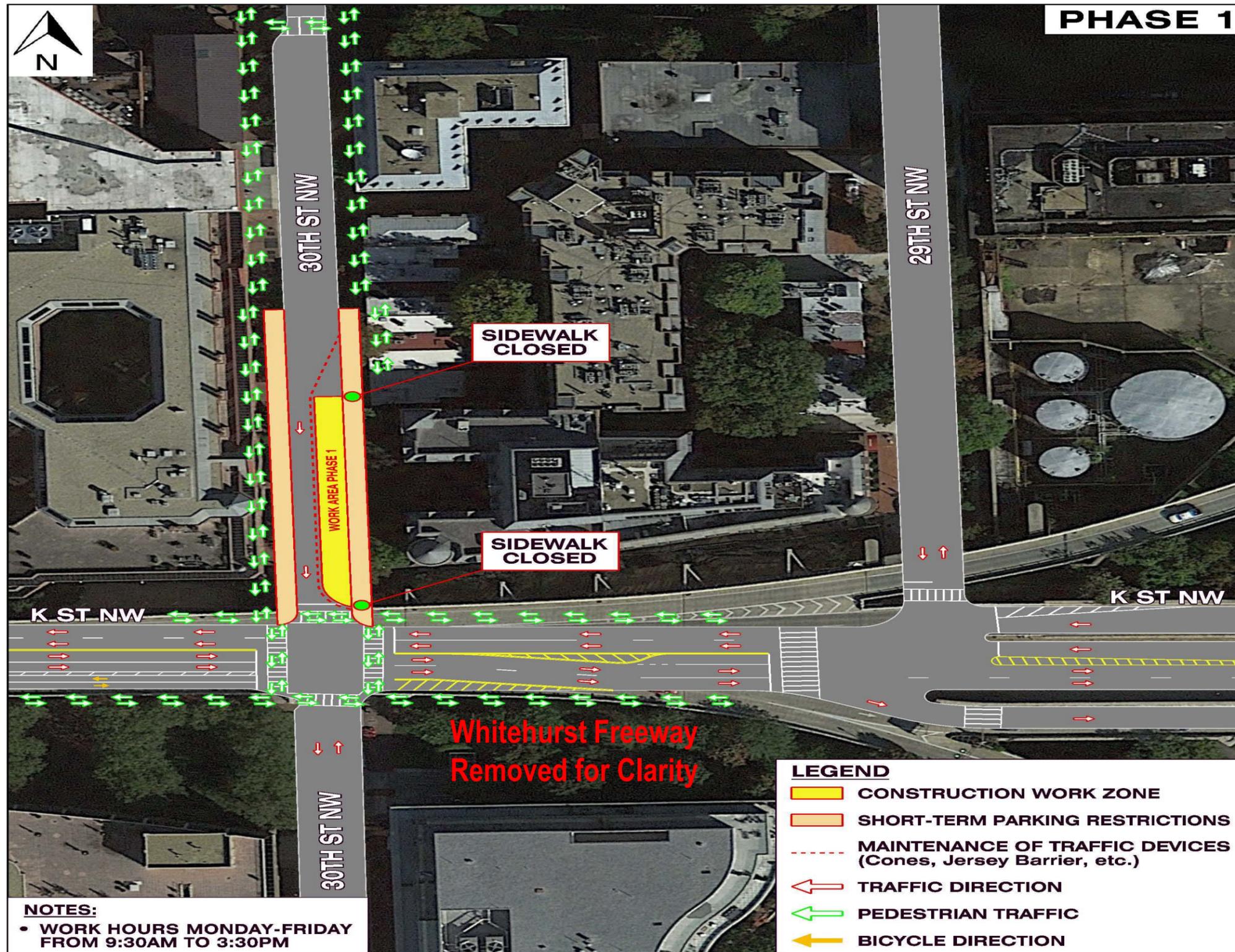
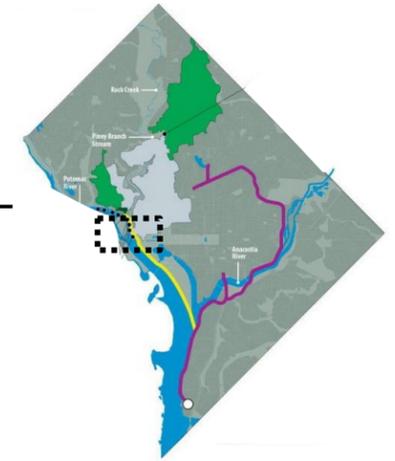
Advanced Utility Construction

Duration: ~4 months
Schedule: Summer 2022 - Fall 2022 (subject to change)

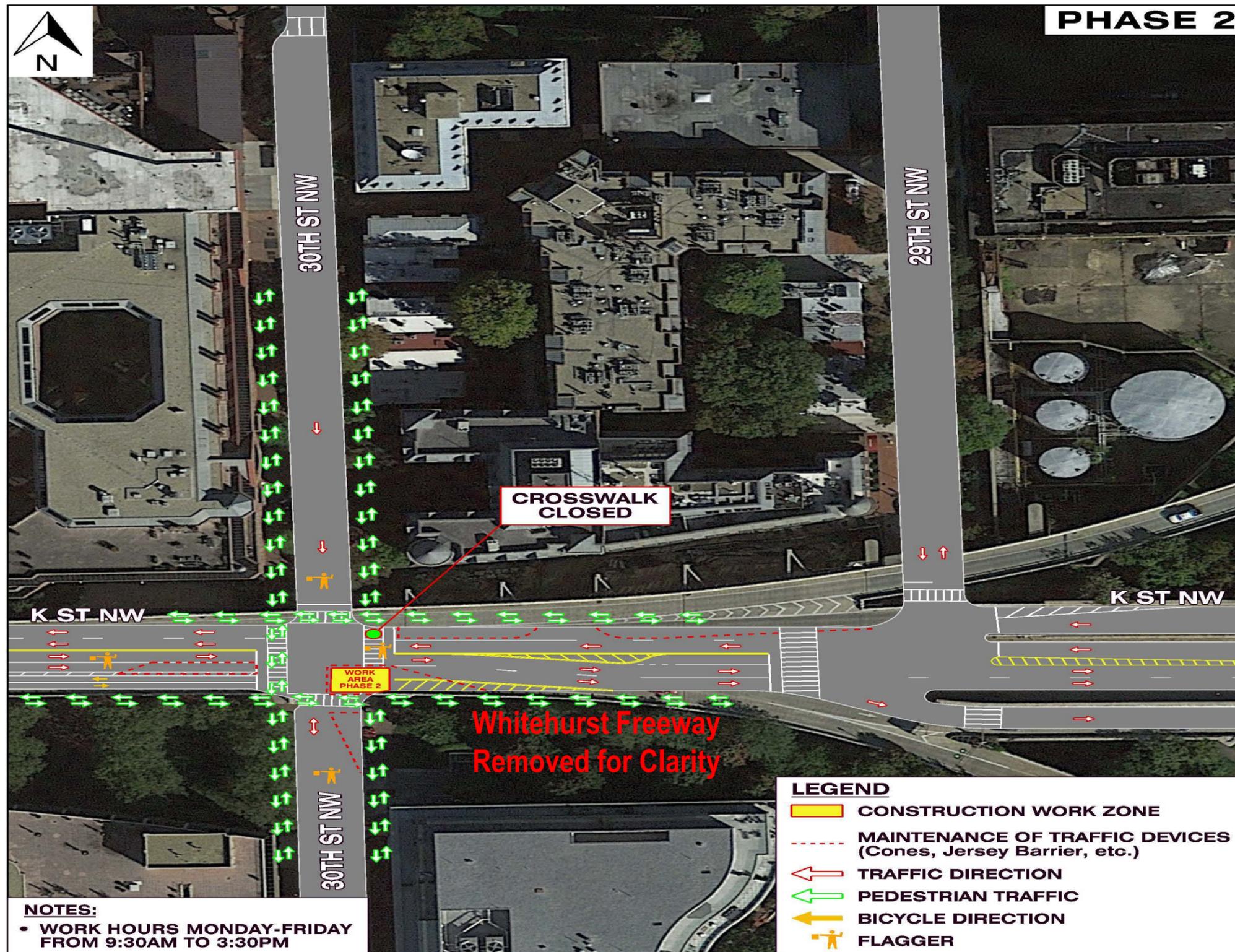
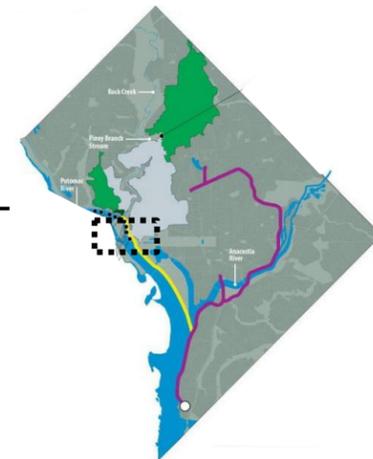
Tunnel Construction

Status: In planning
Schedule: TBD

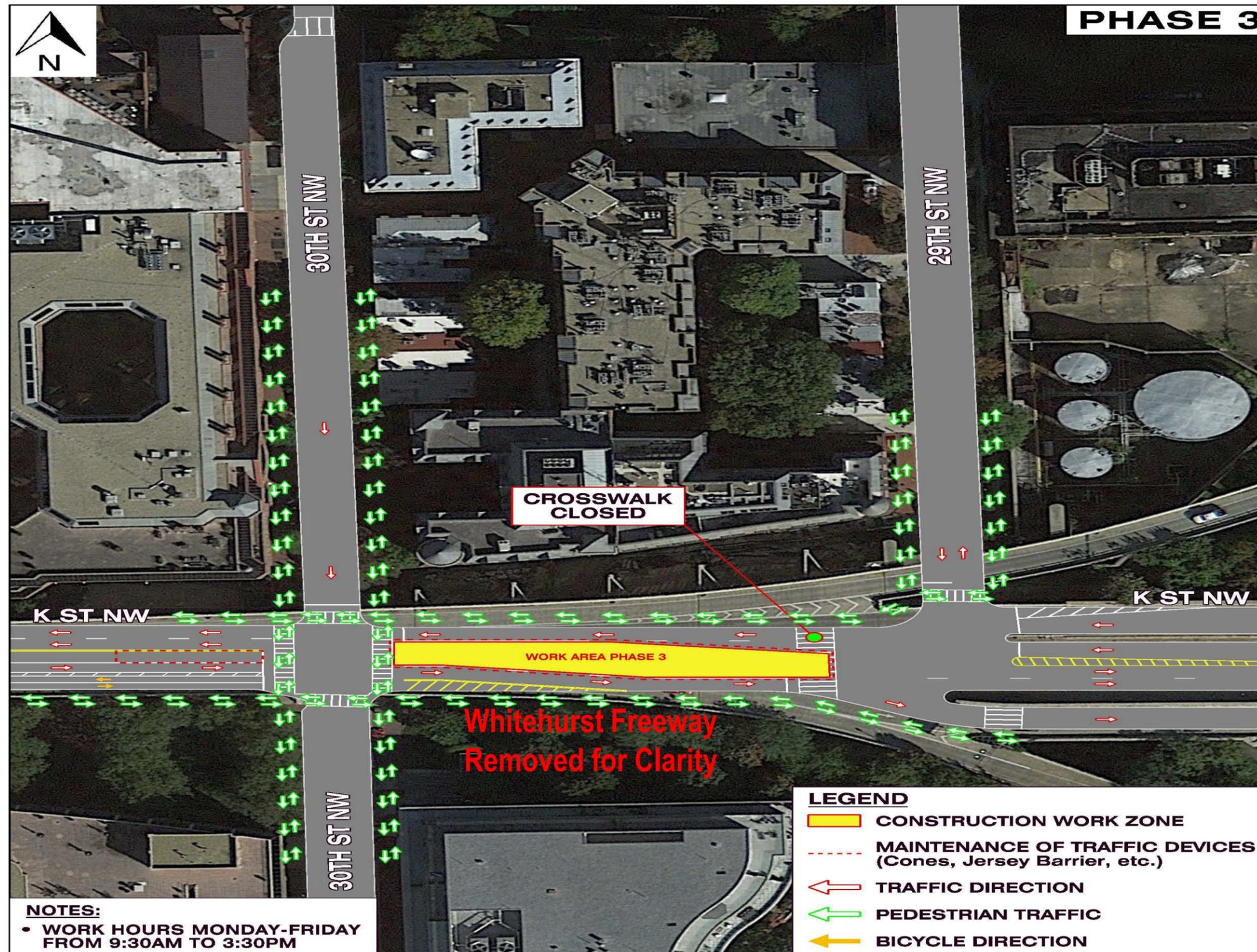
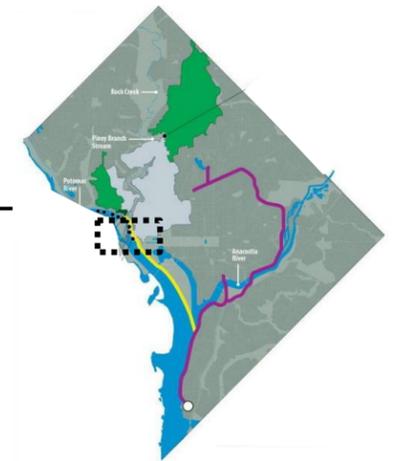
PRT Advanced Utility Construction Phase CSO 024 Site Impacts



PRT Advanced Utility Construction Phase CSO 024 Site Impacts

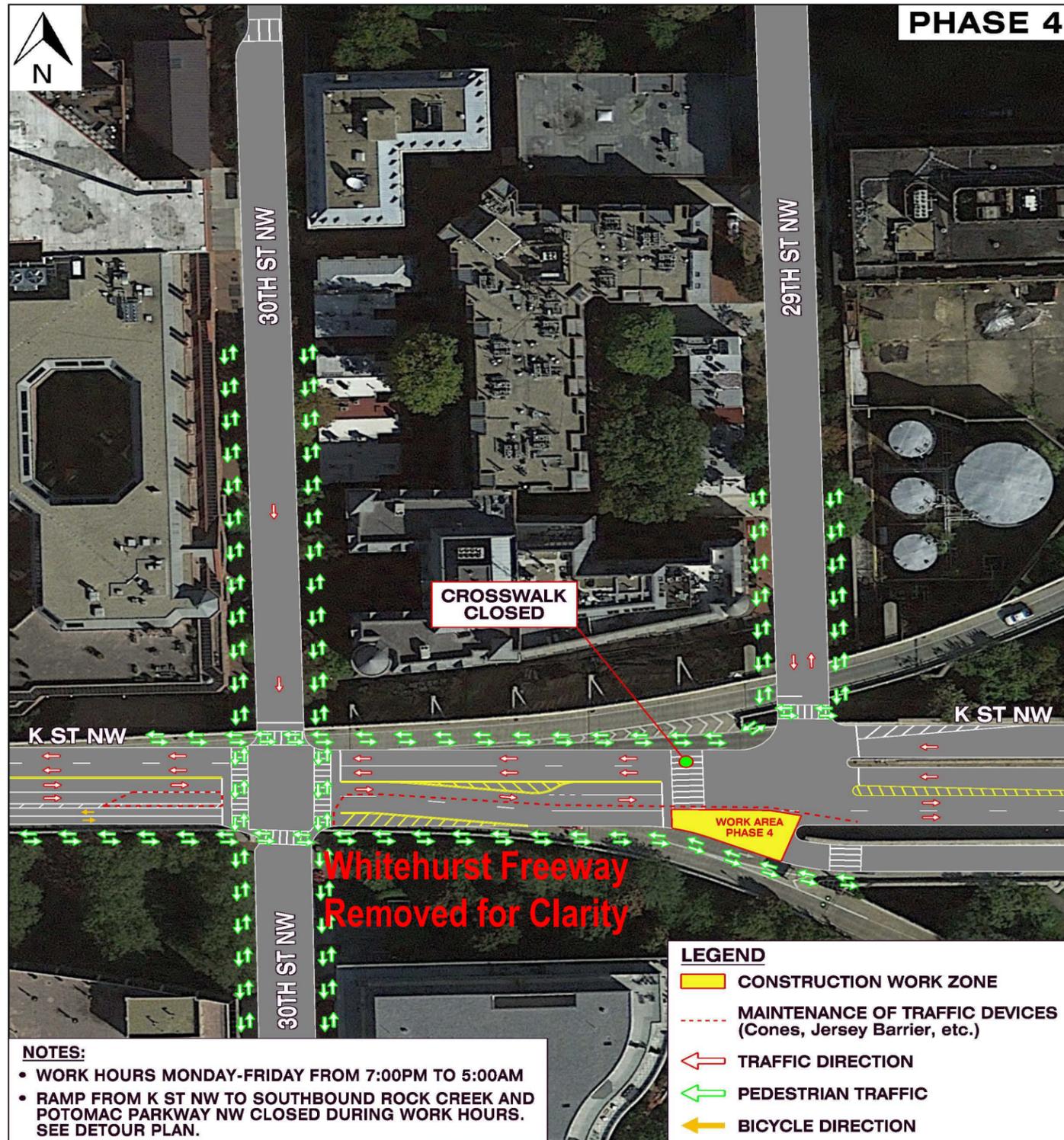


PRT Advanced Utility Construction Phase CSO 024 Site Impacts



PRT Advanced Utility Construction Phase

CSO 024 Site Impacts



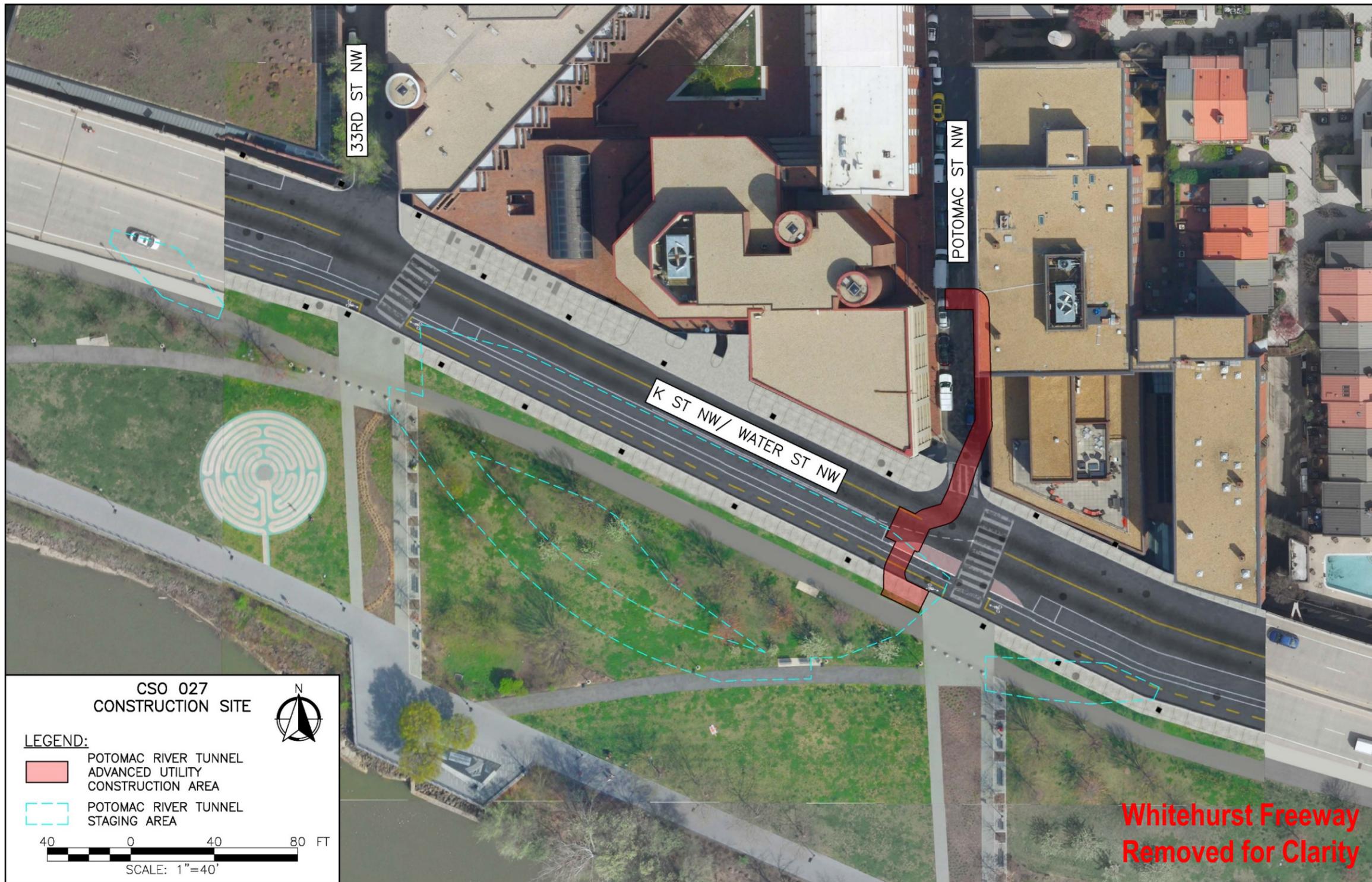
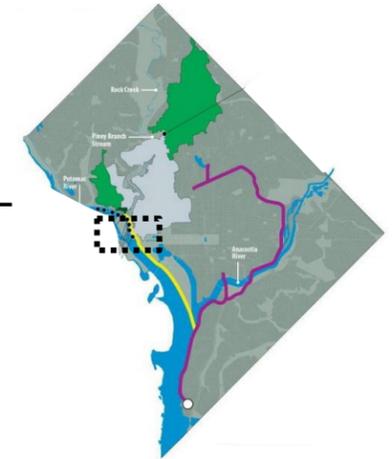
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Wednesday, November 03, 2021 AT 12:24 PM



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PRT Project Overview

CSO 027



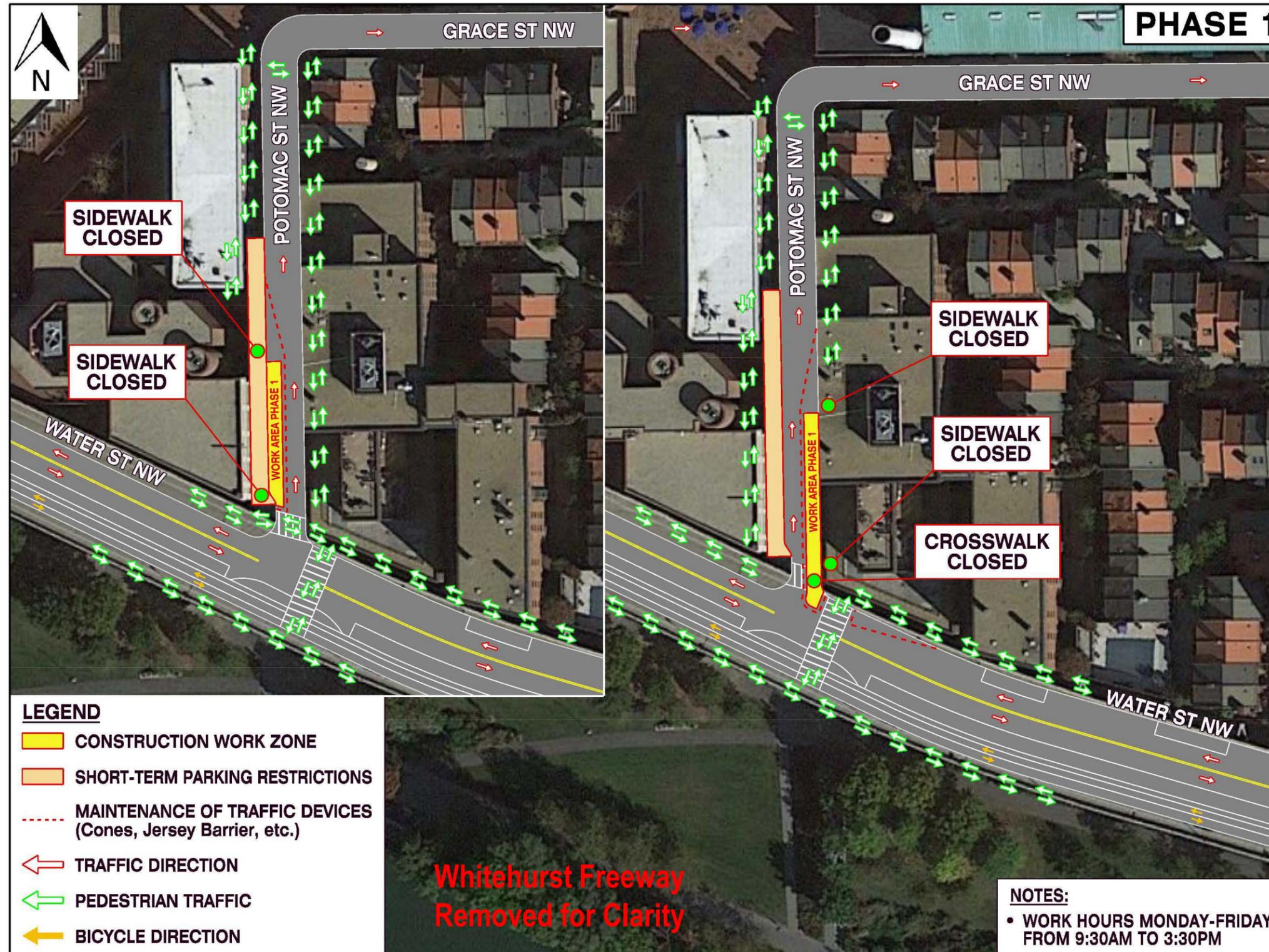
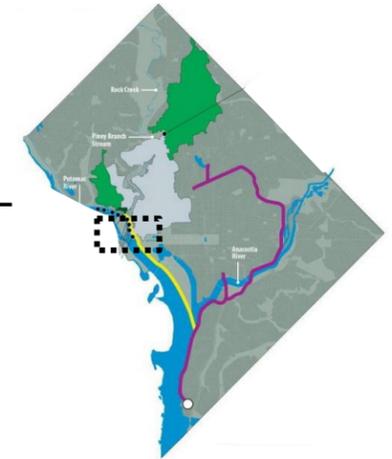
Advanced Utility Construction

Duration: ~3 months
Schedule: anticipated Fall 2022 (after CSO 025 & 026 Sewer Separation work)

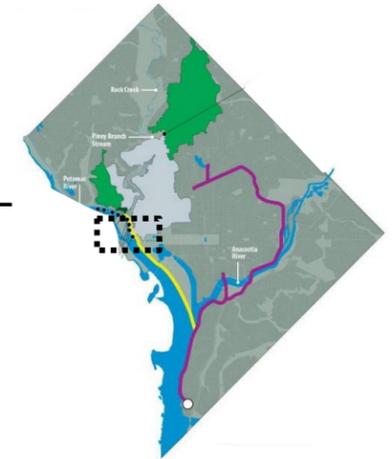
Tunnel Construction

Status: In planning
Schedule: TBD

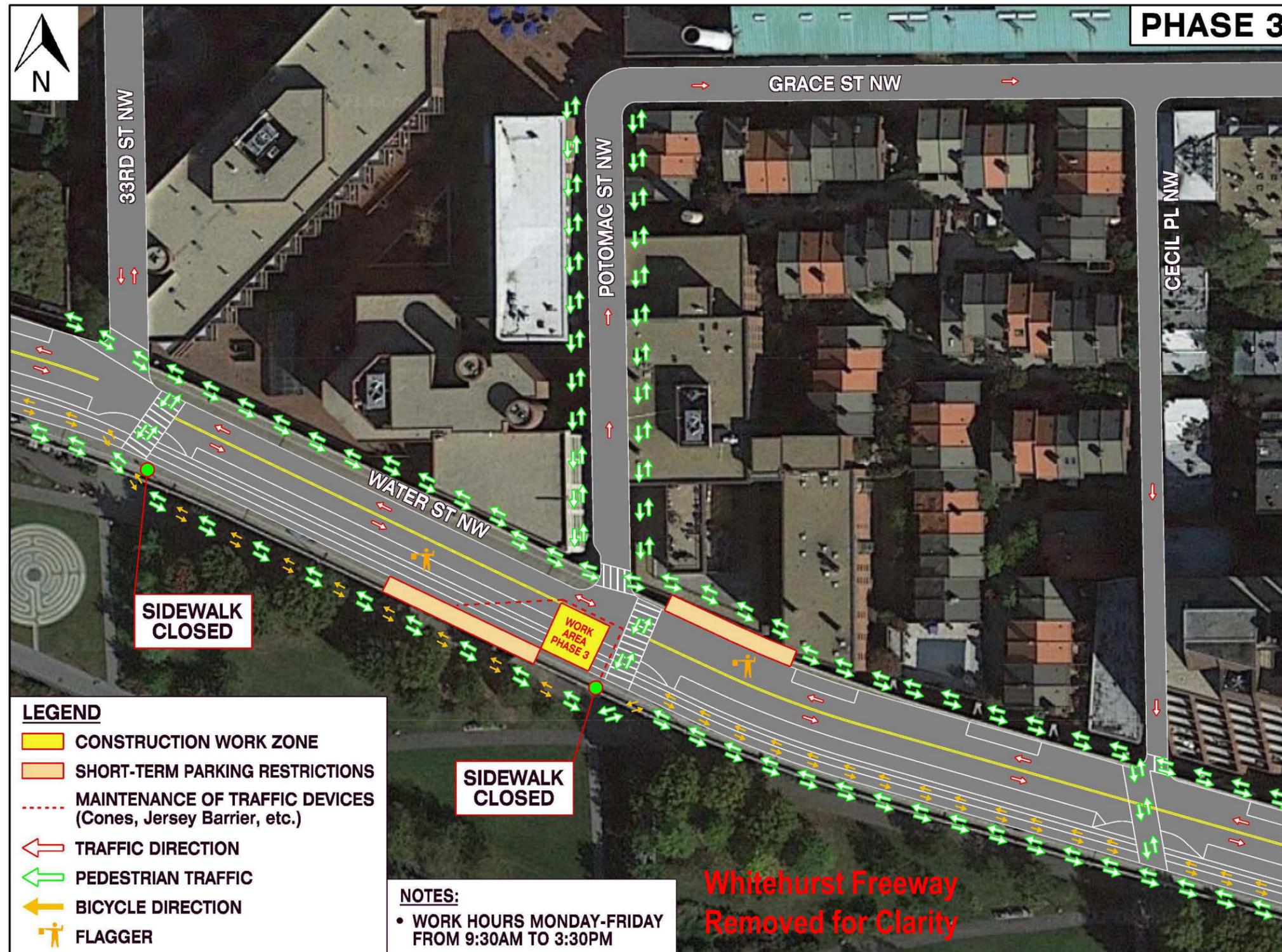
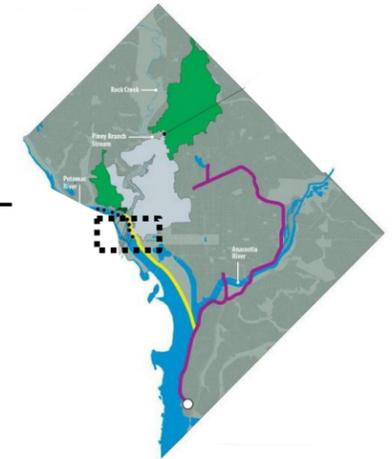
PRT Advanced Utility Construction Phase CSO 027 Site Impacts



PRT Advanced Utility Construction Phase CSO 027 Site Impacts

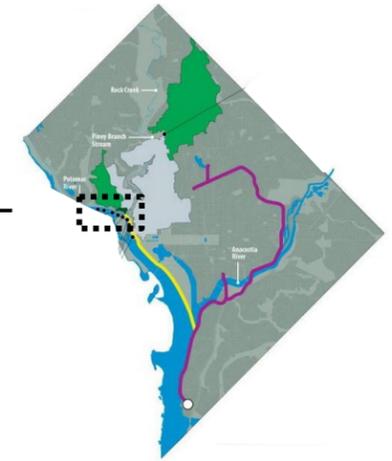


PRT Advanced Utility Construction Phase CSO 027 Site Impacts



PRT Project Overview

CSO 028



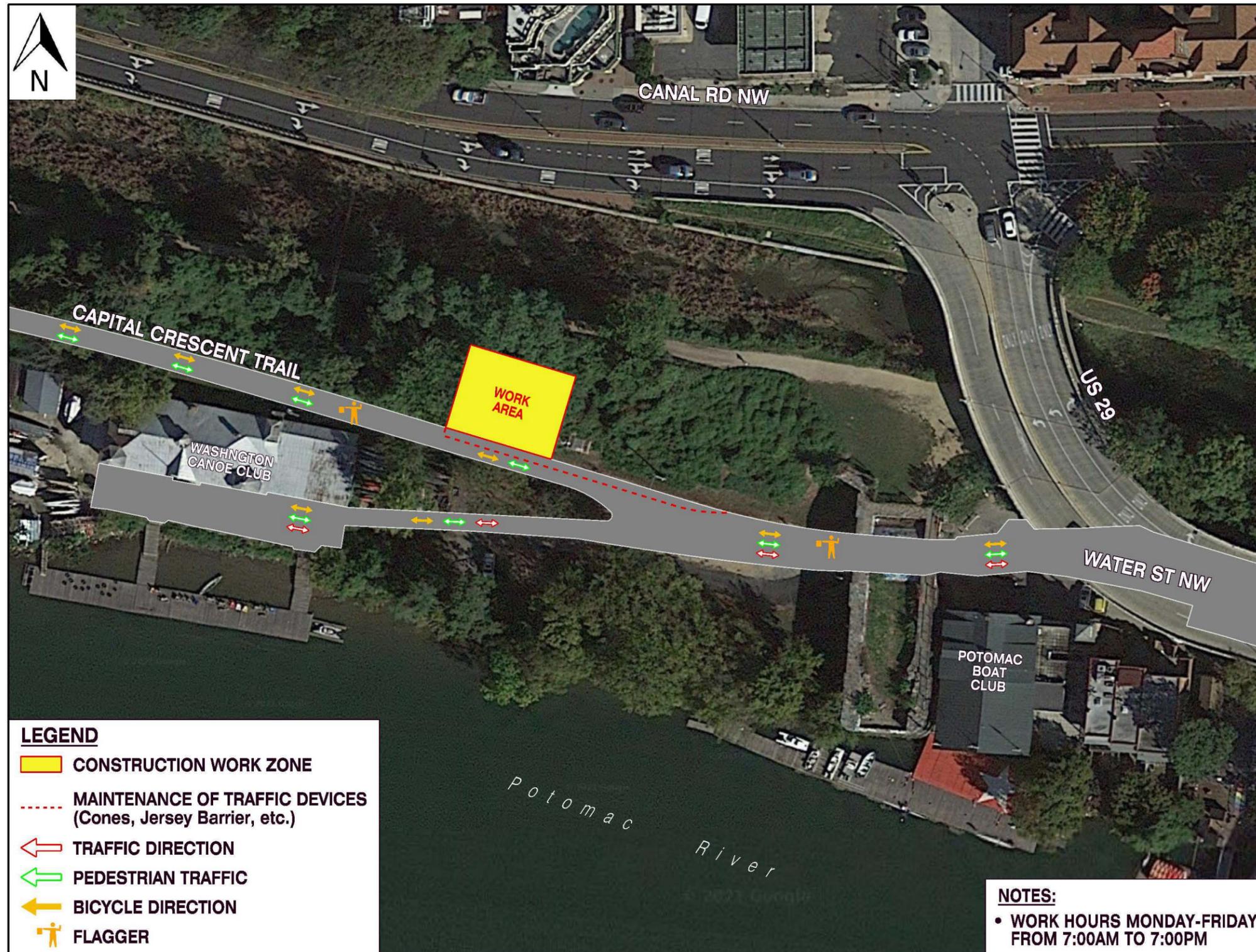
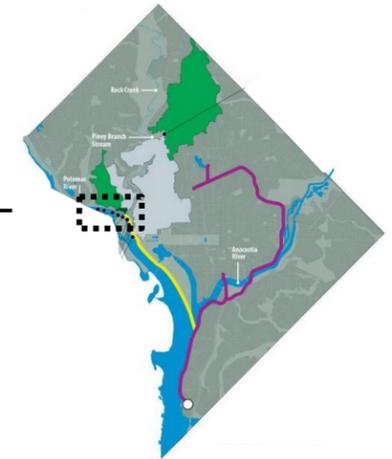
Advanced Utility Construction

Duration: ~2 months
Schedule: Early 2022
 (subject to change)

Tunnel Construction

Status: In planning
Schedule: TBD

PRT Advanced Utility Construction Phase CSO 028 Site Impacts



Next Steps

- Continue to provide construction updates and notifications to Mayor's Office, Councilmember's Office, ANCs, Businesses, and Community
- If you would like to be included in DC Water's email distribution list for updates on Potomac River Tunnel, please email dcpotomacrivertunnel@dcwater.com
- Future community meetings to be scheduled and advertised

Contact Information

Project Email: dcpotomacrivertunnel@dcwater.com

Project Website: www.dewater.com/prt

24/7 Project Hotline: 202-448-9040

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