

*Clean Rivers Project
Northeast Boundary Tunnel*

Virtual Tunnel Forum Meeting

GREETINGS NEIGHBORS!

May 21, 2020

Welcome to the Virtual Tunnel Forum Meeting!



Participation Tips:

- Online meetings are subject to your bandwidth limitations. If your connection to the meeting should freeze, please exit and reenter the meeting to refresh your connection.
- All participant lines are muted to minimize disruptions. Video cameras are off as well.
- The Questions and Answers period will be held at the end of the presentation. **Please hold your questions to the end.**
- During the Question and Answer period of the meeting, we will acknowledge questions from participants who are online and on phone.
- **ONLINE PARTICIPANTS:** send your questions to the Host by using the Chat mode. You may also click on “Participants” to raise your hand for a question.
- **PHONE PARTICIPANTS:** press *9 to alert us that you want to ask a question. We will unmute you when it’s your turn to ask a question.

Agenda

- Safety During COVID 19
- Project Overview
- Tunnel Boring Machine Breakthrough
- Responses to Community Concerns
- Hauling
- Bryant Street APA & New LeDroit Park APA
- Construction Site Updates
 - [First Street NW Pumping Station](#)
 - [T Street NW](#)
 - [Florida Avenue NW](#)
 - [R Street NW](#)
- Main Street Contact Information
- Damage Claims Process (new slide)
- Questions and Answers
- Questions– you may also send your questions to dccleanrivers@dcwater.com or leave a message on the hotline– 800-988-6151 and we will return your call.

We Want Everyone To Be Safe

Alan Etter



The city's response to Covid-19 focuses on social distancing and staying home. To see more on the city's response, go to **coronavirus.dc.gov**. For coronavirus testing in DC, call **1-855-363-0333**.

NEBT has taken the following actions to ensure safety of employees:

- Employees in the tunnel must undergo temperature screening at the start of their shift
- Masks and other personal protective equipment must be worn by all employees on site
- Employees maintain at least six feet of distance when possible whether on above or below ground operations
- All shared tools & equipment are regularly sanitized

Outreach During Quarantine

Our team continues to engage the community through virtual meetings, email, door-to-door newsletter distribution (when necessary) and can be reached by email at dccleanrivers@dcwater.com and by calling the NEBT Hotline at 800-988-6151.

Project Overview

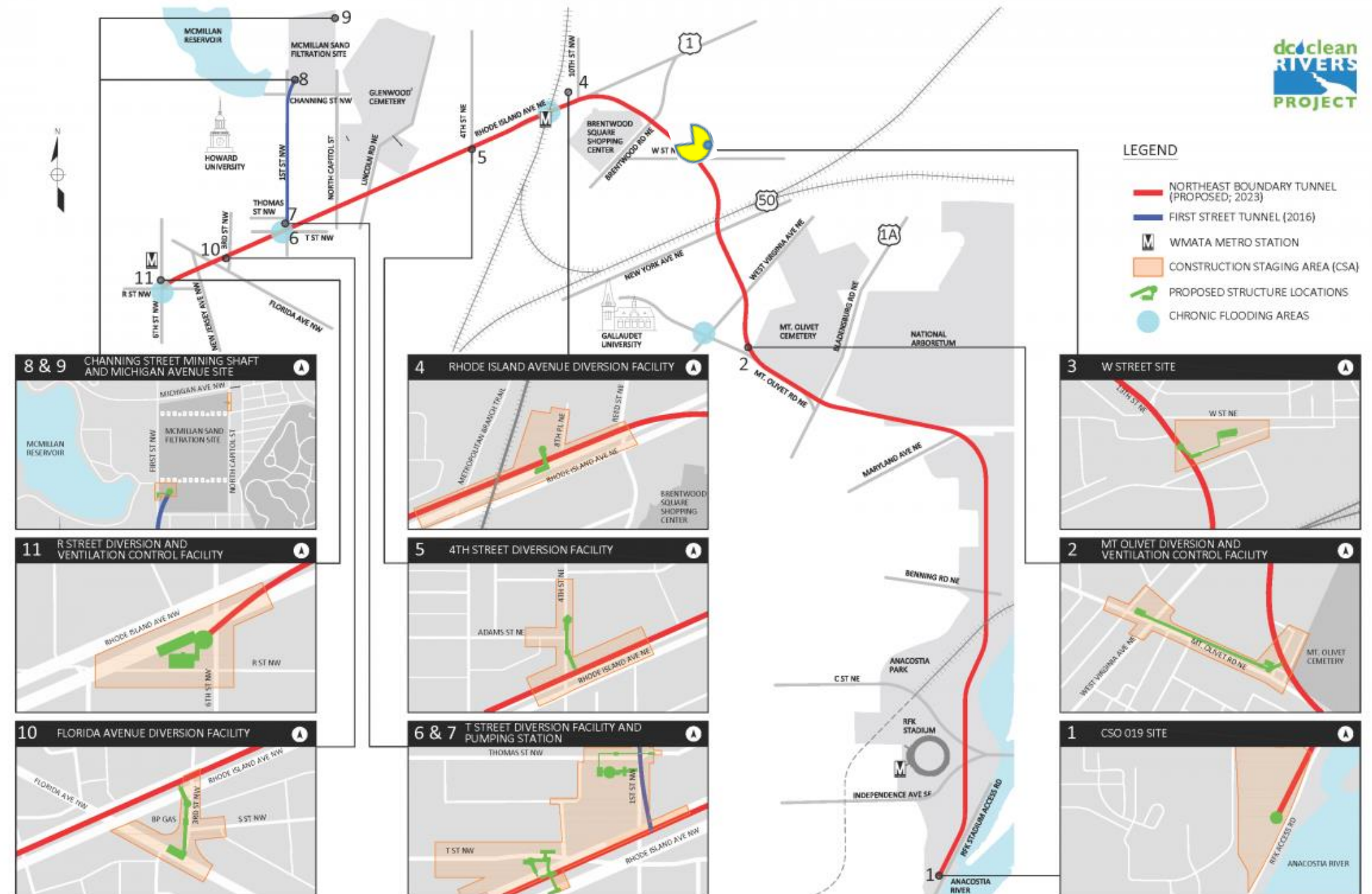
Bill Levy



- Undersized combined sewer system has caused chronic flooding in topographically low areas in the northeast District for about 100 years.
- There is a 50% chance of flooding in any given year in these areas.

Project Overview

- Reduce flooding and basement backups in the Northeast Boundary drainage area
- Reduce the discharge of untreated wastewater into the Anacostia River and improve water quality
- Reduce risks to human health



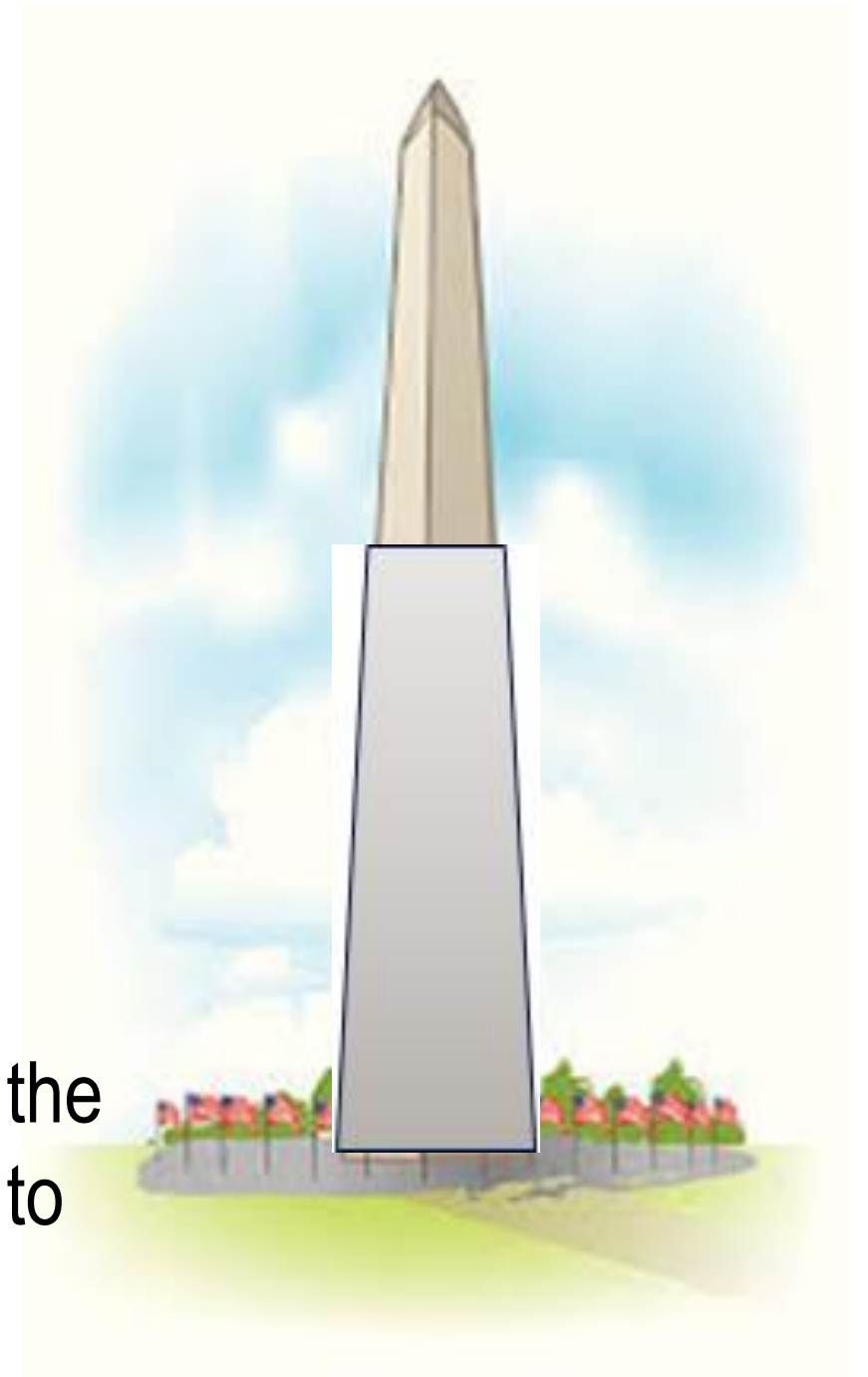
Project Benefits

To date the Anacostia River Tunnel has captured

- 7.7 billion gallons combined sewer overflows
- 3,700 tons trash



7.7 billion gallons of overflows is equivalent to the National Mall filled with water from the Capitol to Lincoln Memorial 342 feet deep

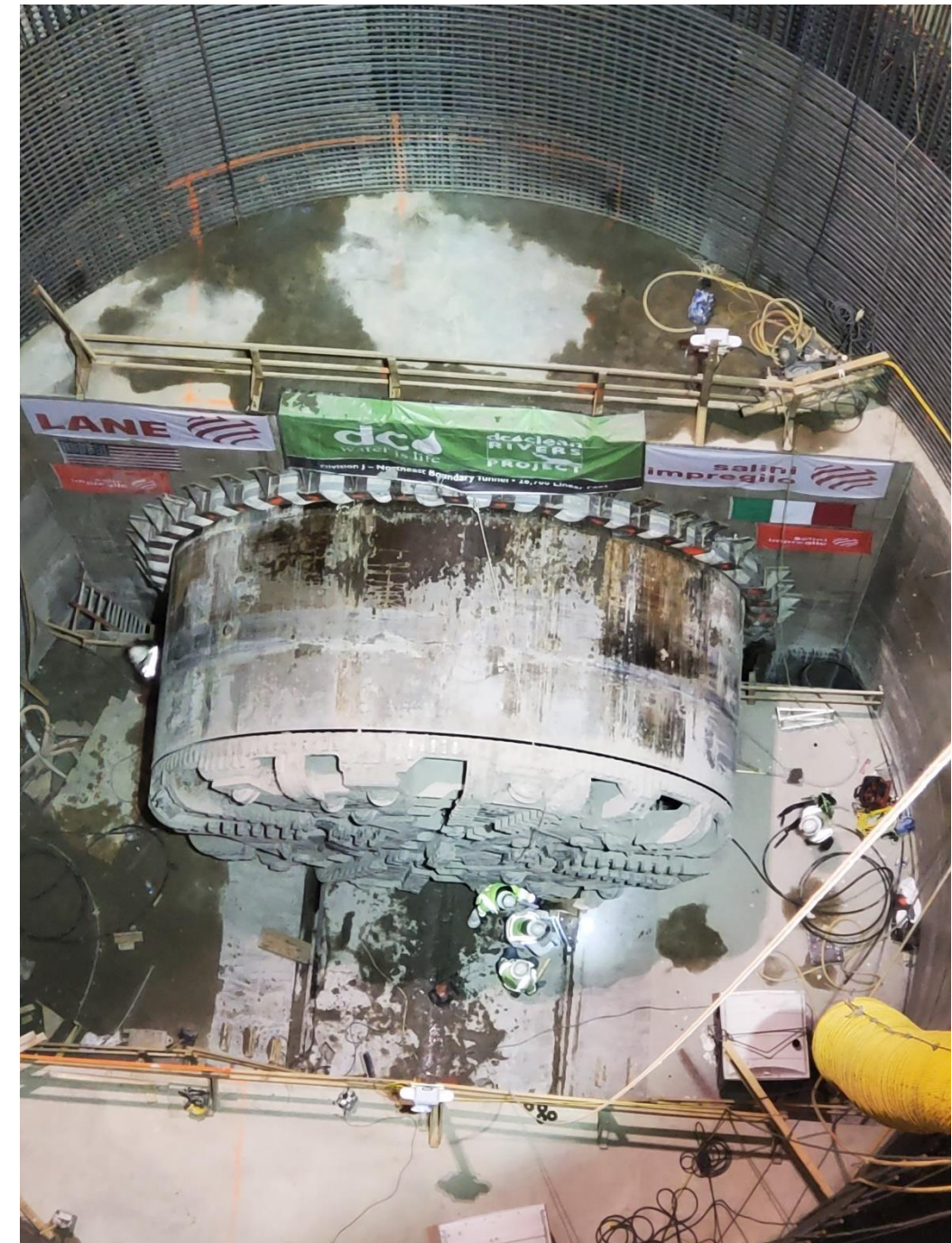


Chris Breaks Through the W Street Shaft

Shane Yanagisawa



Chris, the Tunnel Boring Machine, broke through a wall of concrete to reach the W Street shaft, a key milestone in the mining of the Northeast Boundary Tunnel (NEBT). Chris rested for a bit in the shaft and received much-needed maintenance but is back underway now.



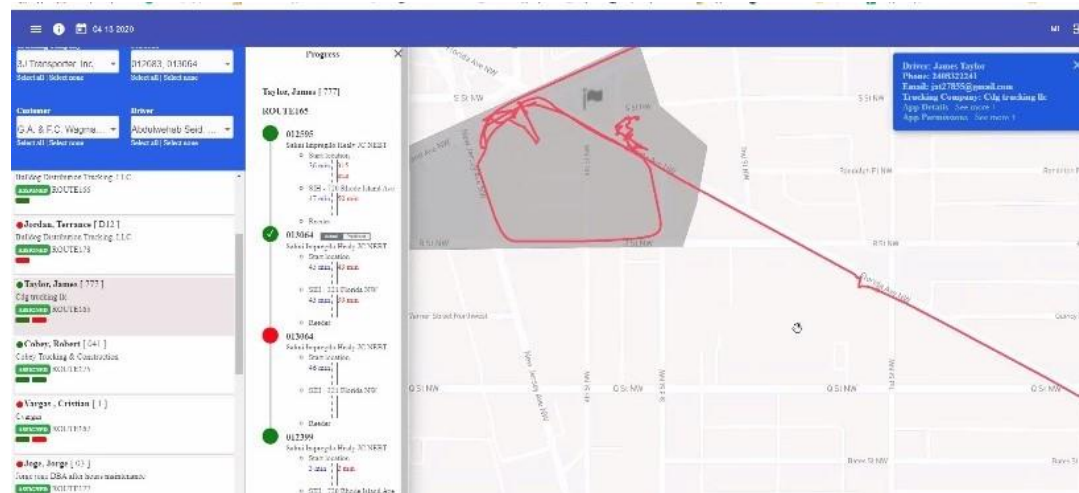
Responses to Community Concerns

Hadiah Jordan

CONCERN	RESPONSE
<p>At the T Street NW Construction Site, the crews began work before the 7 am start time.</p>	<p>Equipment will not be operated and back up alarms are prohibited before 7 am.</p>
<p>The construction causes my home to shake.</p>	<p>Due to the nature of work, significant vibration levels were anticipated to occur. Based on this understanding, conservative vibration limits have been applied to each residential structure in the vicinity of the site. The contractor is prohibited from exceeding these limits throughout the construction project.</p> <p>To ensure these vibration limits are maintained, a noise and vibration monitoring station is installed along the perimeter of the site collecting measurements 24 hours a day. Noise and vibration alarms are programmed into the monitoring station to alert myself and members of the Project team when levels are approaching the established limits. Moreover, spot-check noise and vibration monitoring will be conducted when new activities or equipment initiate operations to confirm noise and vibration levels are within Project and DCMR required levels.</p>
<p>How do I leave a message on the hotline?</p>	<p>We have reviewed the menu options and have identified changes that will streamline the system.</p>
<p>Why is the noise barrier wall only 12 feet tall?</p>	<p>The noise barriers were strategically placed based on noise modeling data to ensure that noise levels generated from construction activities meet the DCMR allowable limits around the entire site. Due to safety concerns, the noise barriers were constructed to approximately 12 feet in height.</p>

Hauling

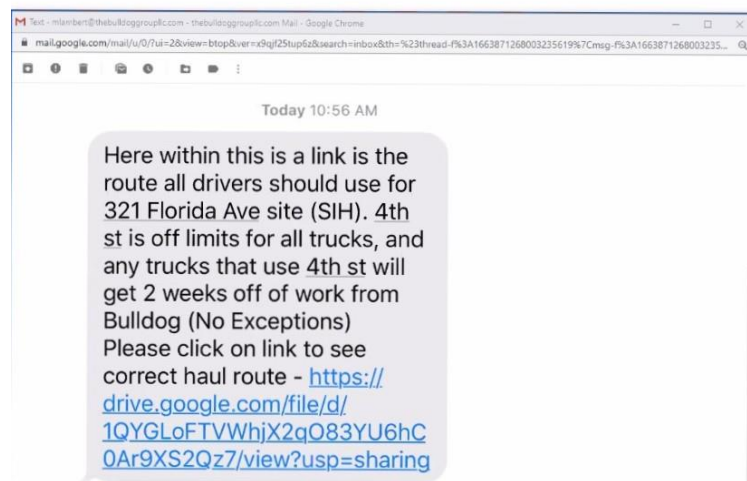
Miguel Lambert, Bulldog Trucking



- GEO Location Software Tracks Trucks



- Trucks Marked With Identifying Ribbons.
- Supervisor On Site to Ensure Proper Operation



- Text Messages Illustrate Haul Routes

Alternative Parking Areas (APA)

Alan Etter



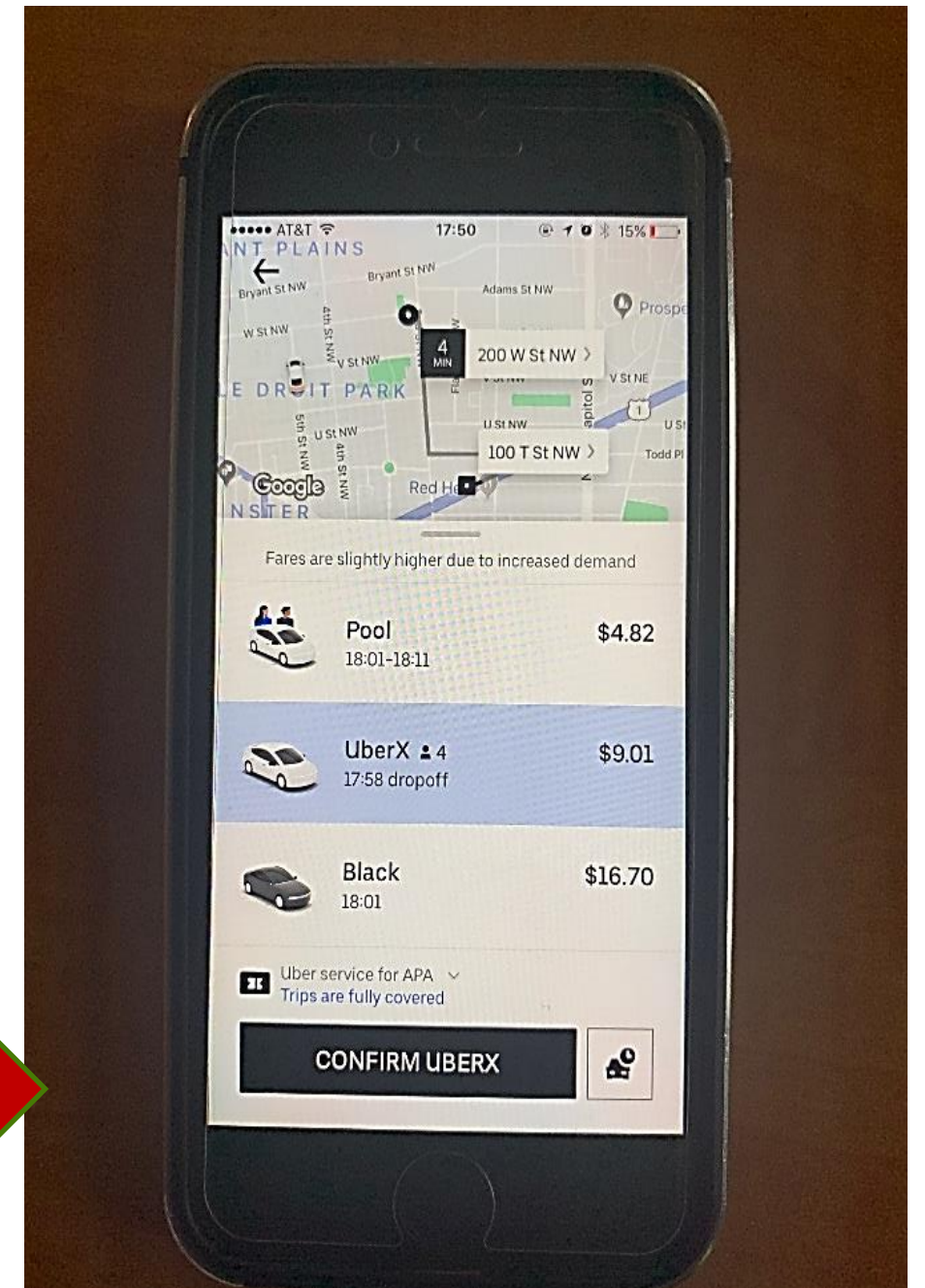
The **Bryant Street APA** is located at the intersection of Bryant Street and 2nd Street NW and is available to eligible residents.

DC Water is in the process of finalizing a MOA with DPR for use of the **LeDroit Park** lot at the 300 block of Elm St., NW as an APA. Eligible residents will be receiving notifications once it is available for use.

Alternative Parking Areas

How to Use the Uber Service for the APAs

- Register by emailing: dccleanrivers@dcwater.com
- You must have a smartphone with the Uber App installed
- Check your email for a link. Click on the link, and the Uber App will be opened
- Follow the instructions to download Uber Vouchers
- When you are ready to ride, open the Uber App
- Type in your destination
- If you are within the geographically designated area, you will see a screen like this:



Construction Site Updates

Shane Yanagisawa and Matt Wolniak



First Street Pumping Station Construction Site

Work Overview

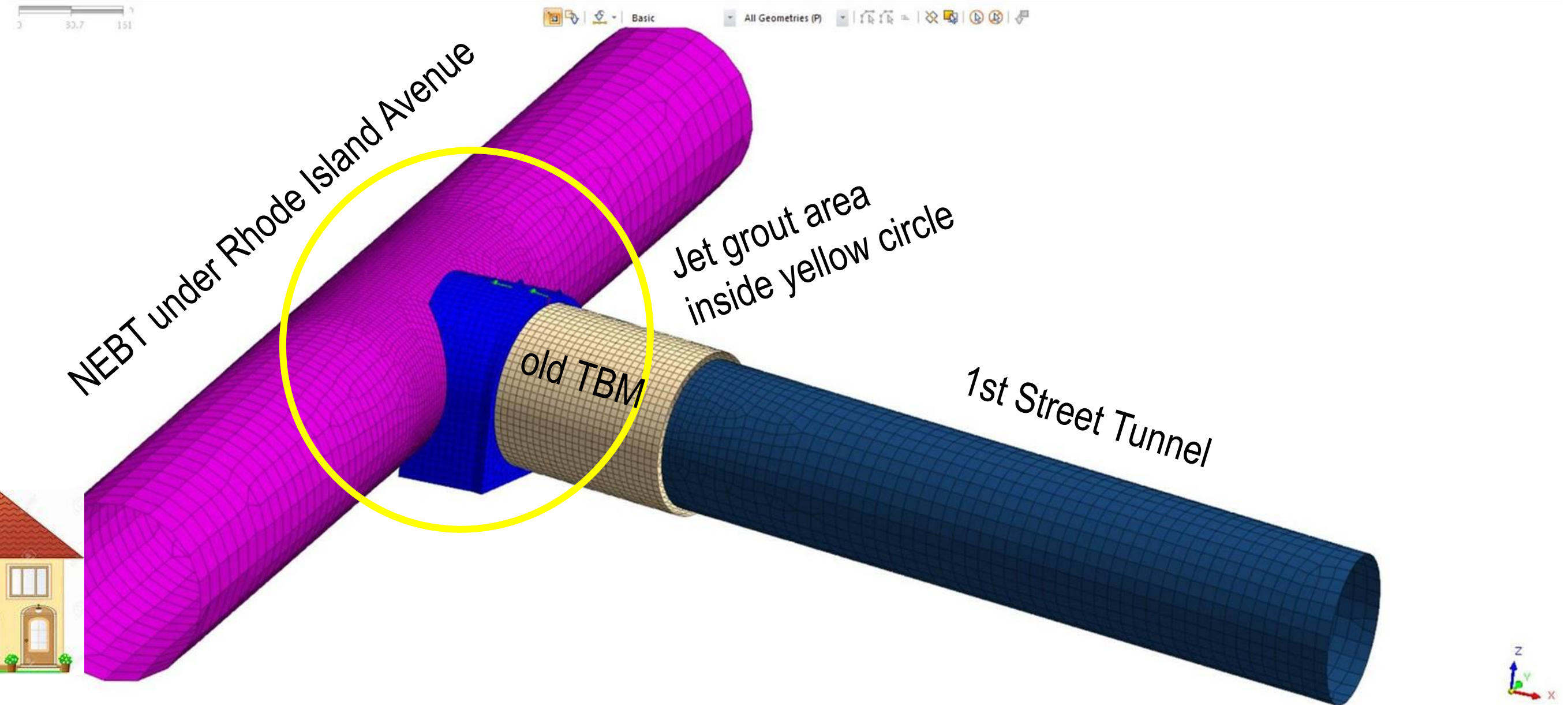


Current Activity: Jet Grouting

The contractor will install jet grout columns on the north side of the intersection at First Street and Rhode Island Avenue NW. This is a process of injecting the soil with a cement to stabilize the soil. This work will continue to the end of August 2020.

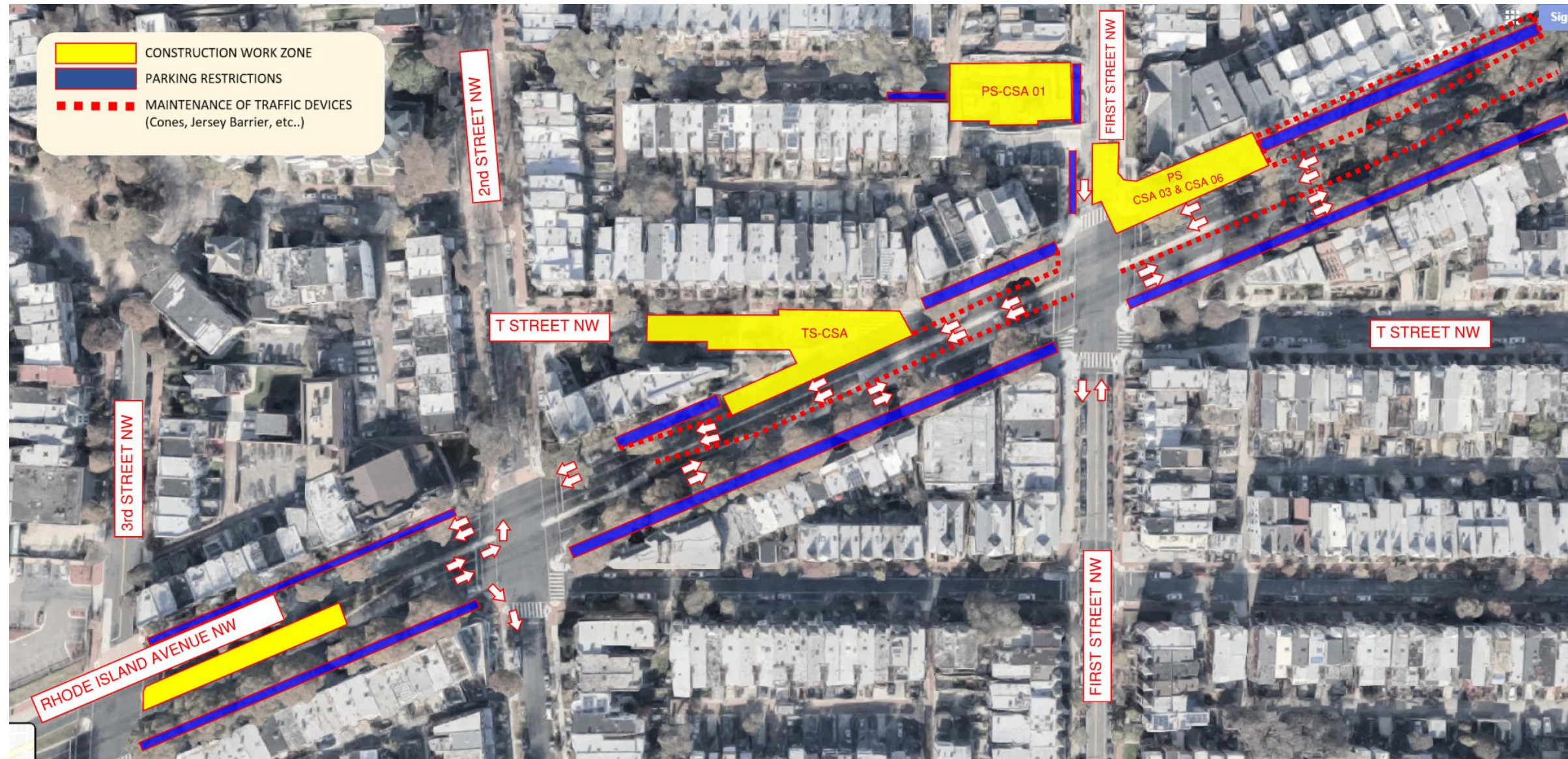
The improved ground will allow safe excavation underground to connect the existing First Street Tunnel with the new Northeast Boundary Tunnel.

Two Tunnels to Meet 100 ft Underground



First Street Pumping Station & T Street NW Construction Sites

Traffic Patterns



FIRST STREET PUMPING STATION and T STREET NW CONSTRUCTION SITE – Travel Lanes

MAIN IMPACT:

Traffic access to the 100-block of T Street will be closed at Rhode Island Avenue NW. However, access to T Street will still be available from 2nd Street NW. Two-lanes of traffic in each direction and parking restrictions on Rhode Island Avenue.



First Street Pumping Station (FSPS) Construction Site Pedestrian Detour



FIRST STREET PUMPING STATION CONSTRUCTION SITE – Pedestrian Detour

MAIN IMPACT:

On Rhode Island Avenue NW the crosswalk is closed on the eastern half of the intersection at First Street.



Pedestrian Safety and Traffic Calming (FSPS)



Pedestrian Safety

- Pedestrian bump out for shorter roadway crossing

Traffic Safety on Rhode Island Ave NW

- Stop bar on Rhode Island Ave westbound
- Signal ahead sign
- Traffic signal relocated for higher visibility

T Street NW Construction Site

Work Overview



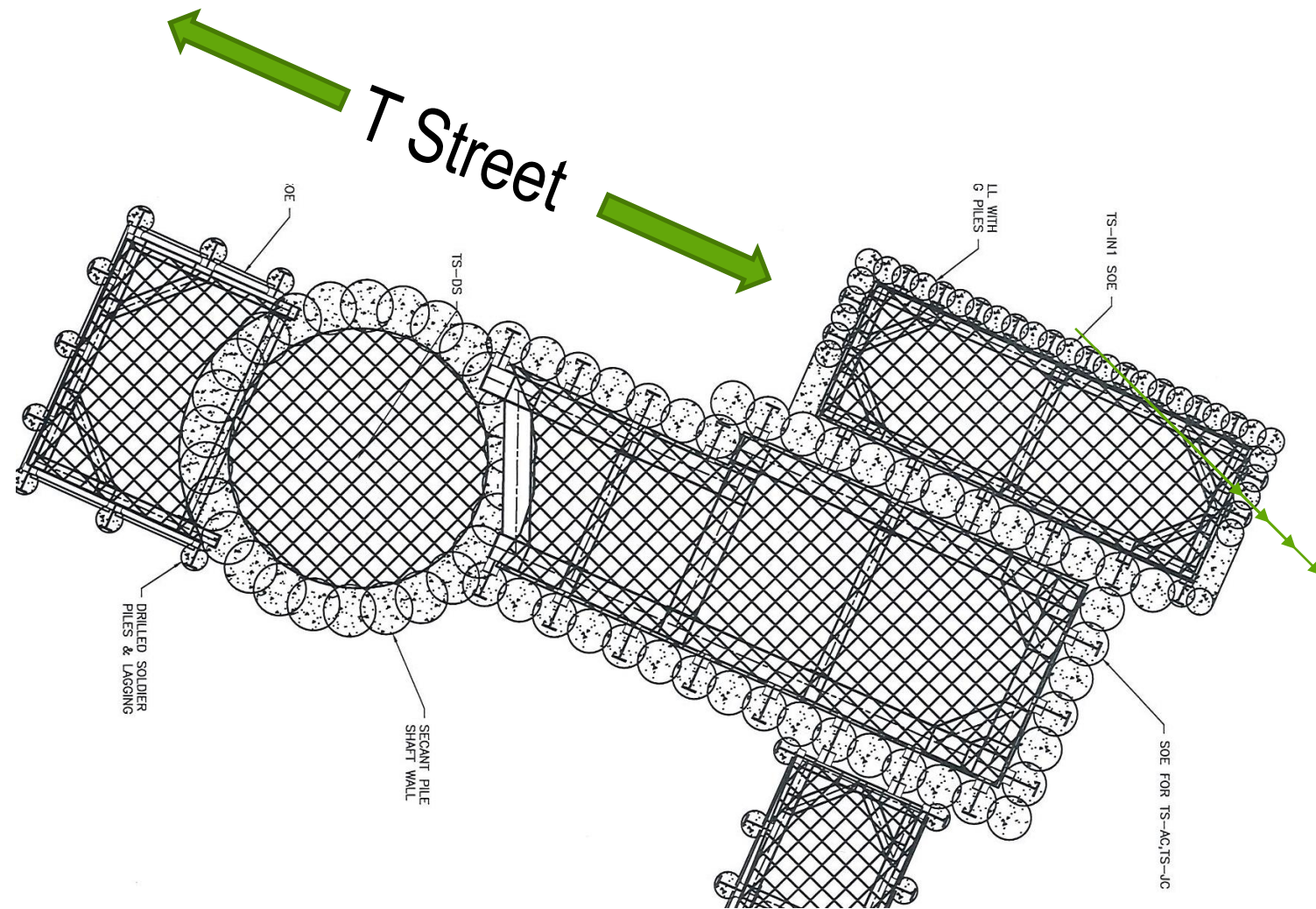
Current Activity: Secant Piles

Started May 18 and involves the use of a drill rig that will construct deep columns that will be filled with concrete to stabilize the ground for excavating the drop shaft.

- 26 secant piles will be installed to a depth of 90 feet and will form the 19 ft. diameter wall of the drop shaft to be excavated.
- 70 secant piles for the shallow excavations

This work should be completed in September 2020.

T Street Secant Pile Layout and Results



T Street NW Construction Site

Pedestrian Detour



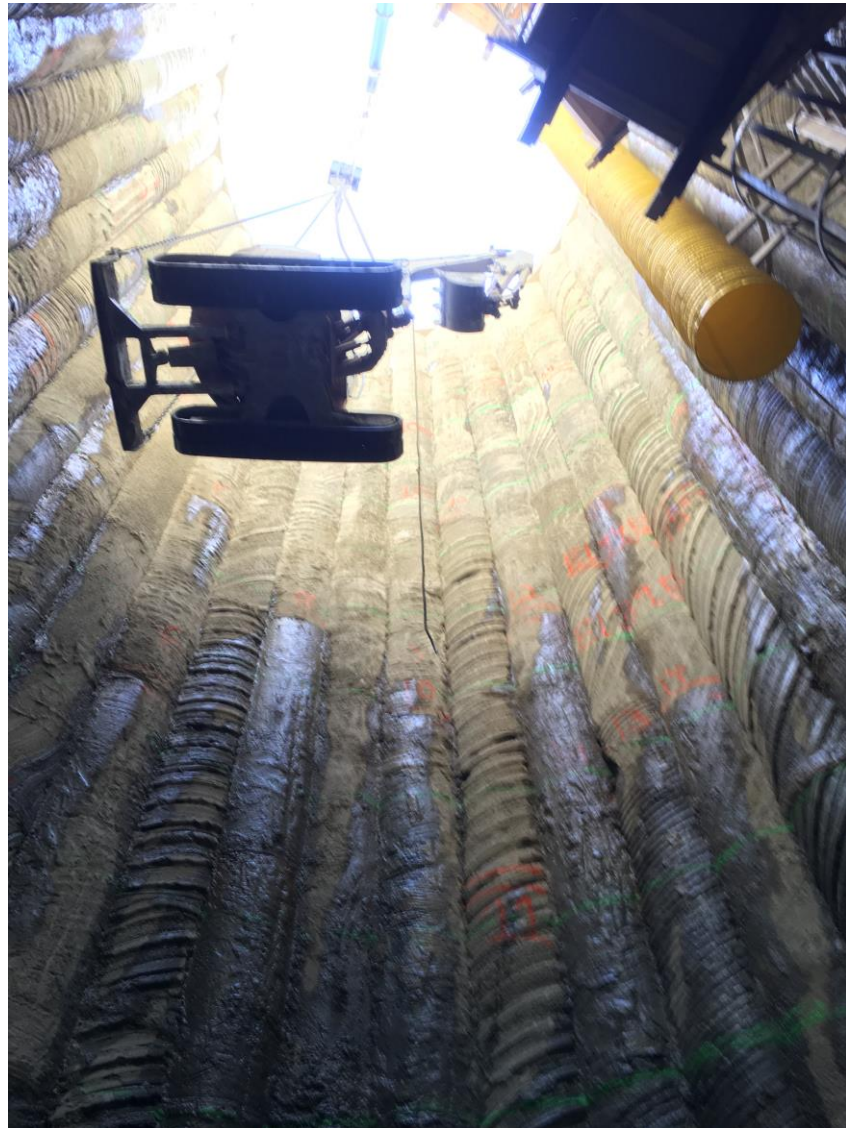
T STREET NW CONSTRUCTION SITE – Pedestrian Detour

MAIN IMPACT: At T Street NW the crosswalk is closed at the northbound side of Rhode Island Avenue NW. Pedestrians please follow the detour signs.



Florida Avenue NW Construction Site

Work Overview



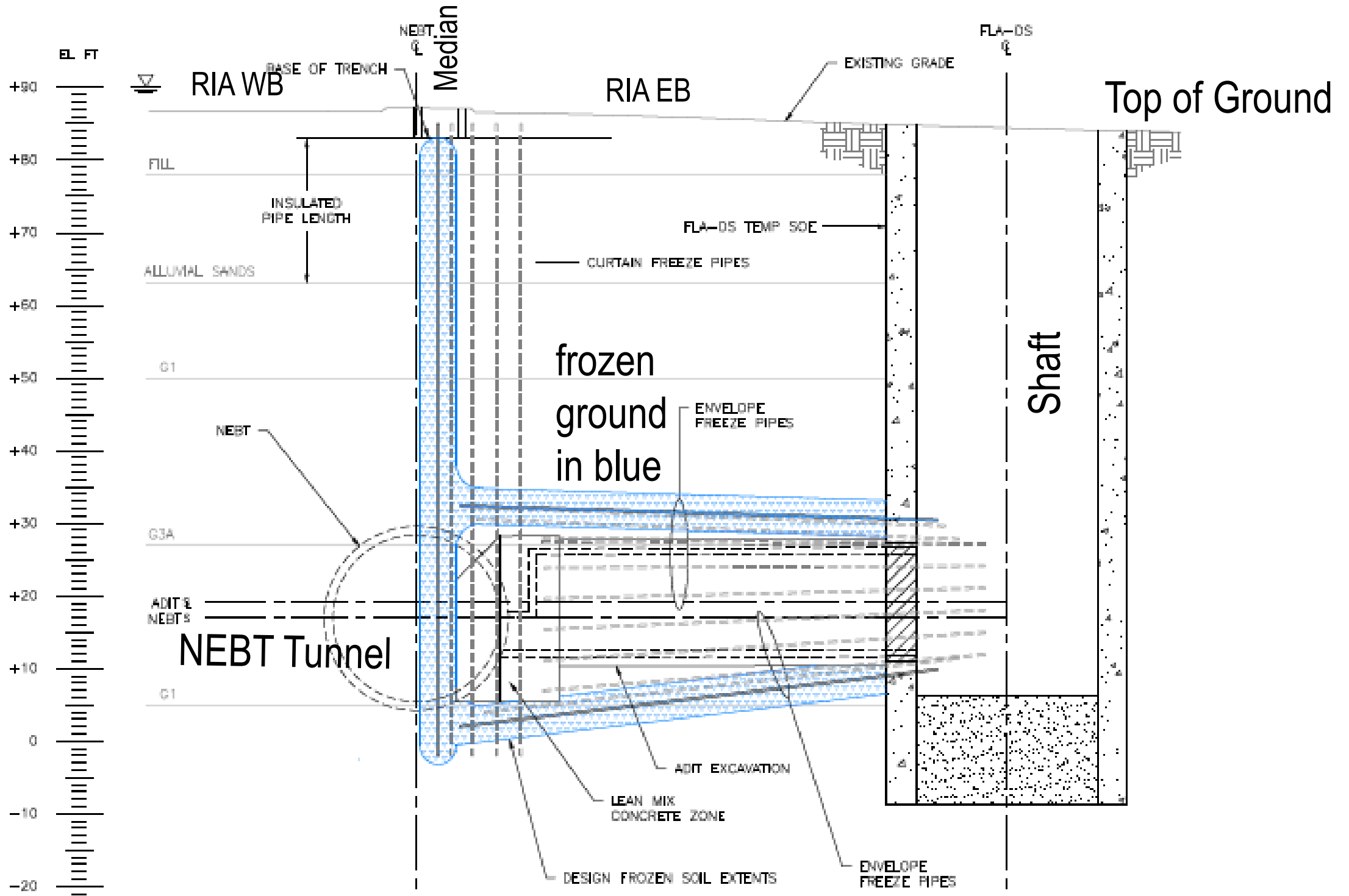
Current Activities: Drilling for Ground Freezing

DC Water's contractor is mobilizing a construction work zone in median area of Rhode Island Avenue NW between 3rd Street and Florida Avenue. At this construction site the contractor will install vertical soil-freeze pipes. This work should last until the end of July 2020.

The contractor will excavate a short tunnel (adit) between the base of the drop shaft and the main tunnel. **The soil around this short tunnel will be frozen to provide support during construction.** A drill rig at the surface will be used to install the freeze pipes. Ground freezing is a construction method used to stabilize the soil around an excavation area.

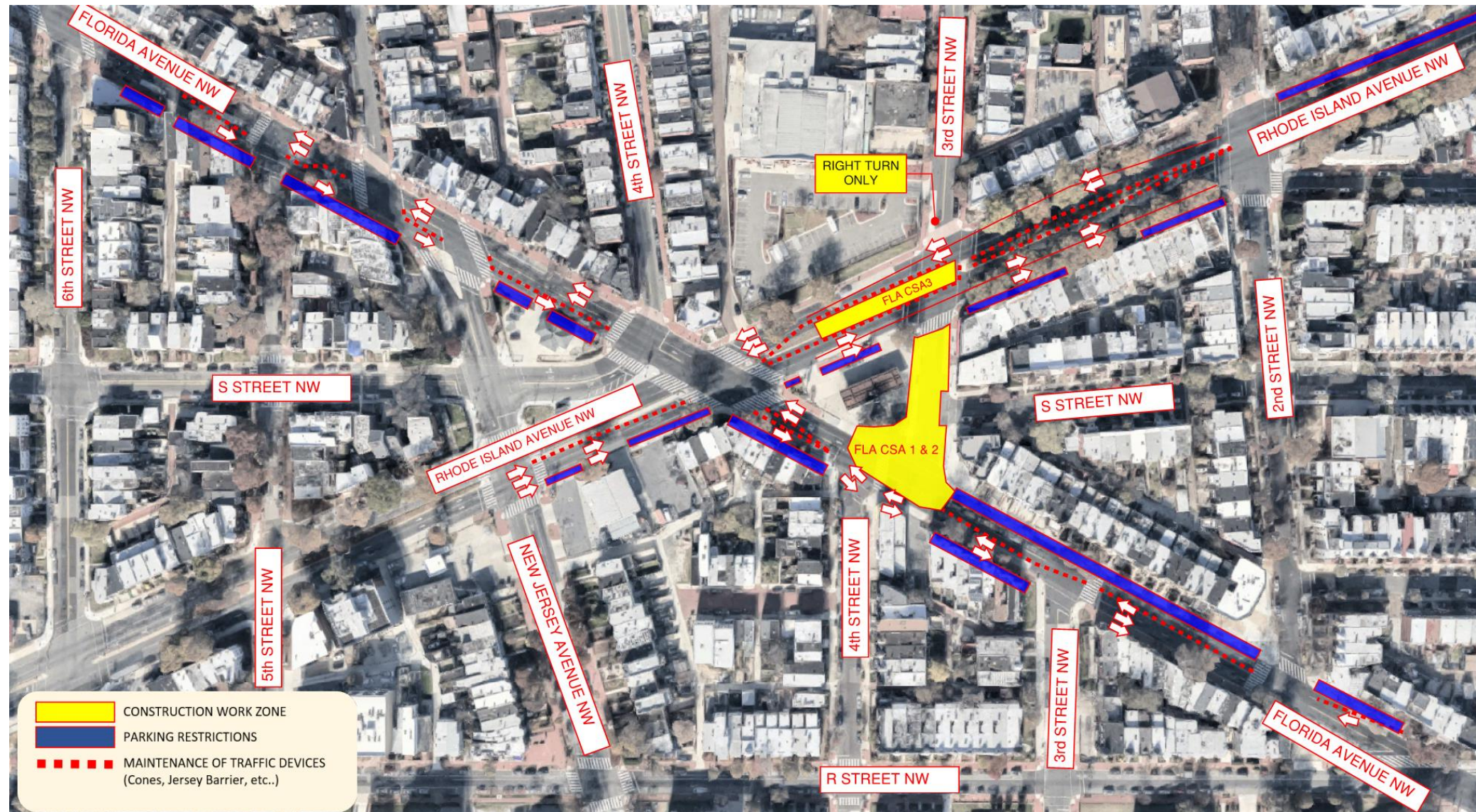
Freeze Pipe Installation at Florida Ave Construction Site

Section of Rhode Island Avenue at 3rd St NW Looking East



Florida Avenue NW Construction Site

Median Removal on Rhode Island Avenue NW



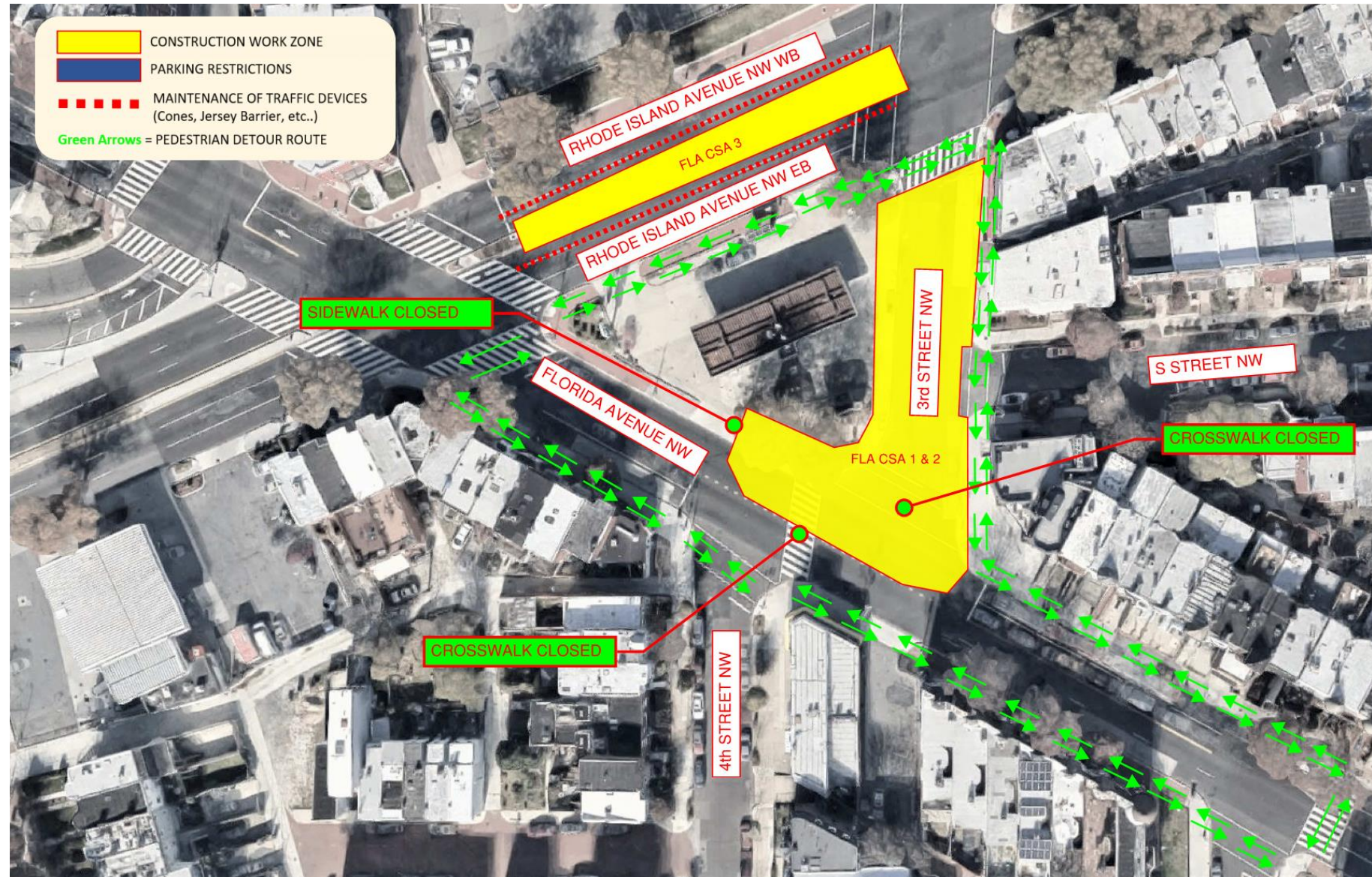
FLORIDA AVENUE NW CONSTRUCTION SITE – Travel Lanes

MAIN IMPACT:

Two lane travel in each direction on Rhode Island Avenue NW between 2nd Street NW and Florida Avenue NW. Right turn only on southbound 3rd Street NW.



Florida Avenue NW (FLA) Construction Site Pedestrian Detour



FLORIDA AVENUE NW CONSTRUCTION SITE – Pedestrian Detour

MAIN IMPACT:

Crosswalk open at Rhode Island Avenue NW at 3rd Street NW. Crosswalk closed at Florida Avenue NW between 3rd Street and 4th Street. Pedestrians please follow the detour signs.



Pedestrian Safety and Traffic Calming (FLA)



Pedestrian Safety

Pedestrian signal installed at 2nd Street and Seaton Place NW.



Traffic Safety

Delineators replaced barrels on Florida Avenue to reduce overstimulation of traffic visuals in the roadway.

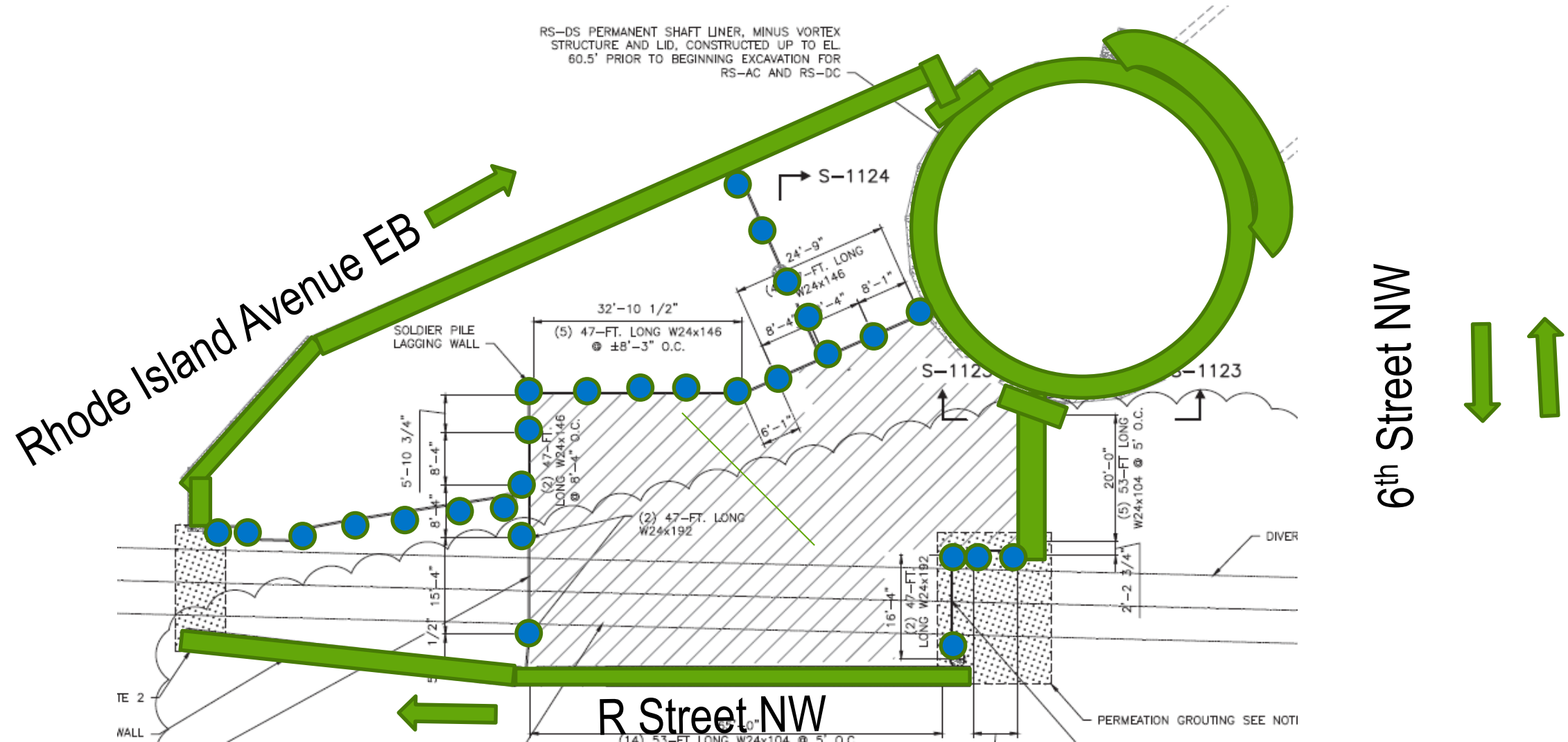


Pedestrian Safety

4 signs will be posted on Florida Avenue NW. Delivery date is in June 2020.

R Street NW Construction Site

Work Overview



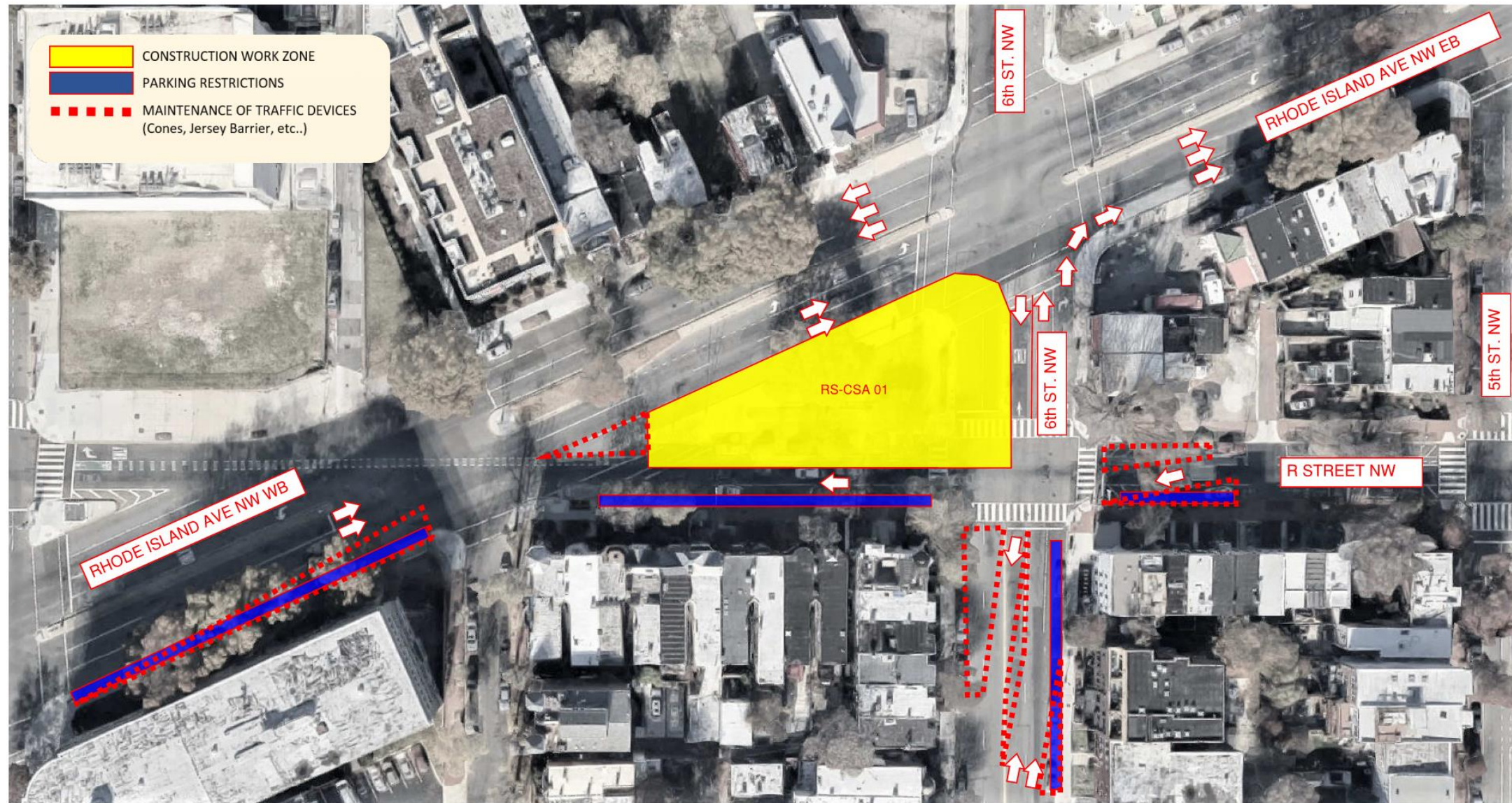
Next Activity: Installing soldier piles

The contractor will install soldier piles, a retaining wall system for deep excavation work. This work begins June 2020 and should take approximately 30 days.

R Street will be reopened at the end of May 2020.

R Street NW Construction Site

Traffic Patterns



R STREET NW CONSTRUCTION SITE – Travel Lanes

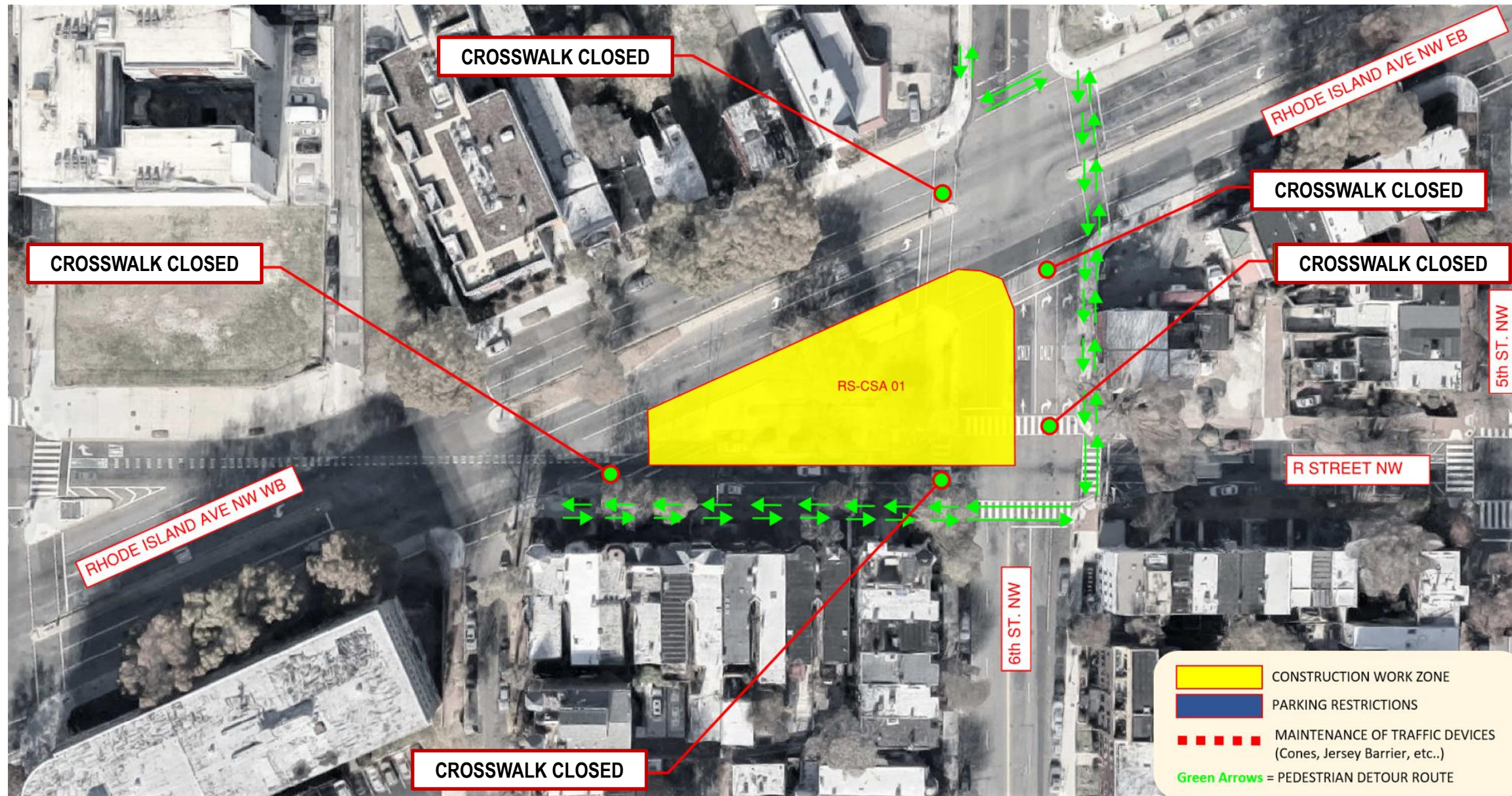
MAIN IMPACT:

R Street NW open to vehicles between 6th Street NW and Rhode Island Avenue NW. One lane closure on Rhode Island Ave NW eastbound. Reducing and shifting 6th Street and R Street. The bike lane on R Street NW remains open.



R Street NW Construction Site

Pedestrian Detour



R STREET – Pedestrian Detour	
MAIN IMPACT:	Crosswalk closed at Rhode Island Avenue NW and 6 th Street NW intersections and on 6 th Street and R Street NW intersection. Pedestrians please follow the detour signs.



Main Street Contact Information

Hadiyah Jordan

DC Water continues to partner with the Main Street organizations to work with businesses impacted by the Northeast Boundary Tunnel Project.



Alexander M. Padro, Executive Director

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Washington, DC 20001

202-265-SHAW
info@shawmainstreets.org
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Aisha Bond, Esq., Executive Director

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P.O. Box 29068, Washington, D.C. 20002

202-409-6485
info@northcapitoldc.com
northcapitoldc.com

Damage Claims Process

- If you are a property owner and you believe that construction activities undertaken as a result of this project have damaged your property in some way, you may call the 24/7 Northeast Boundary Tunnel Project (NEBT) Hotline-- **(800) 988-6151** – to initiate the claims process. Leave a message stating that you would like to submit a claim and include your name and contact information.
- A member of the contractor team will visit your property and confirm the details but will not make a determination of liability.
- DC Water has a “blanket” insurance policy. Following the site visit, the claim is handed over to DC Water’s insurance company. Communication with the property owner is with DC Water’s insurance carrier and the assigned adjuster.
- The claim receives a claim number and an adjuster visits your home.
- It is recommended that when you see damage, report it. Note, that a structure may have multiple claims.
- The NEBT team will continue to follow the claim so that DC Water, Salini Impregilo Healy Joint Venture, and the property owner are aware of the status of each claim.

Questions and Answers

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For more information, please contact
Email: dccleanrivers@dcwater.com
24/7 NEBT Hotline: **(800) 988-6151**
Northeast Boundary Tunnel Project Website:
dcwater.com/NEBT

