

Virtual Meeting Format

1  **Members of the public join via URL, Zoom Meeting ID, or Phone**

2  **Project Presentation**

3  **Live Question & Answer Session**

To Ask a Question

- Use the raise hand feature to indicate you have a question OR enter your question using the chat function at the bottom of the screen.
- When called upon during the live Q&A, a member of the Project Team will unmute your audio. You will then have to unmute yourself.
- State your name and affiliation prior to asking your question.



The Bay Park Conveyance Project

A Western Bays Resiliency Initiative

Public Information Session
February 10, 2022



Department of
Environmental
Conservation





Agenda

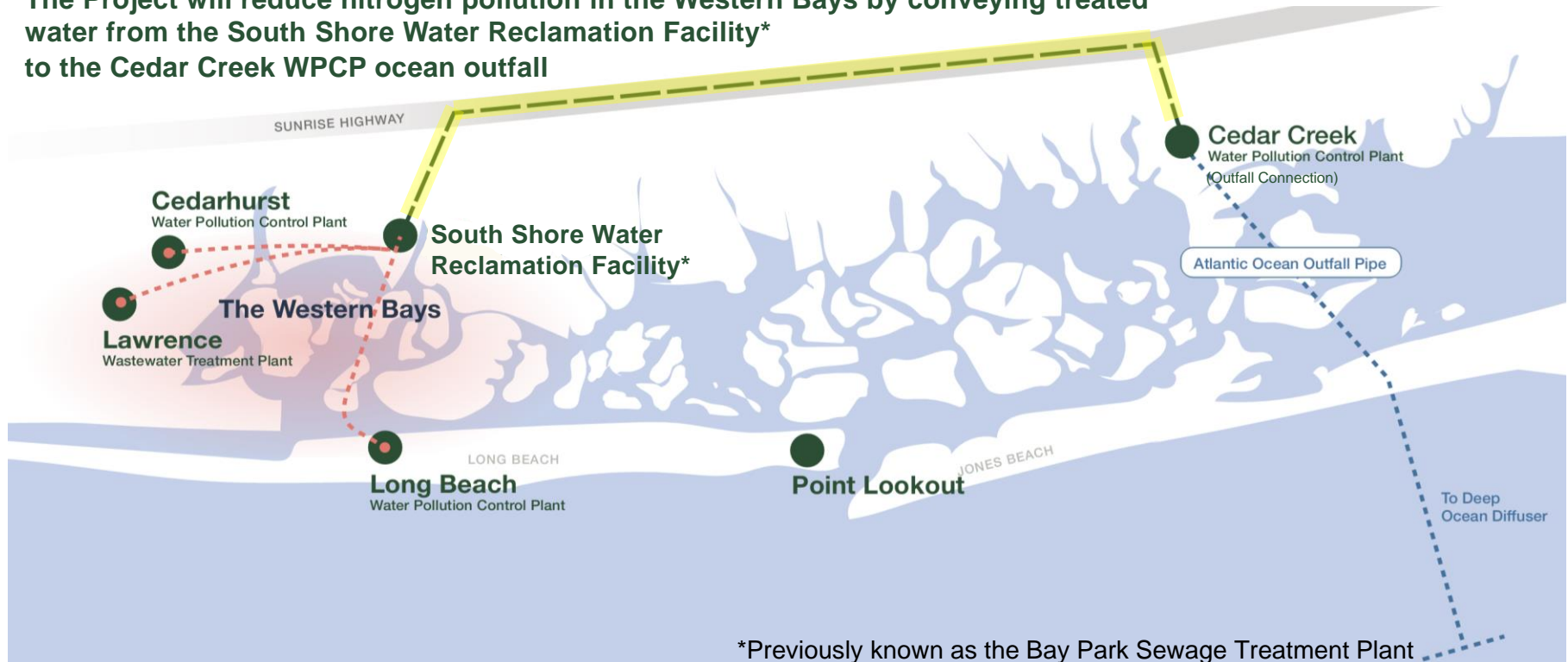
- 1. Project Background**
- 2. Construction Updates**
- 3. Stakeholder Engagement**
- 4. Question and Answer Session**



Project Background

The Bay Park Conveyance Project

The Project will reduce nitrogen pollution in the Western Bays by conveying treated water from the South Shore Water Reclamation Facility* to the Cedar Creek WPCP ocean outfall



*Previously known as the Bay Park Sewage Treatment Plant

Project Benefits



Storm Protection

Spur the rapid ecological recovery of the Western Bays marshlands which will protect coastal communities from storm surge and sea level rise



Quality of Life Factors

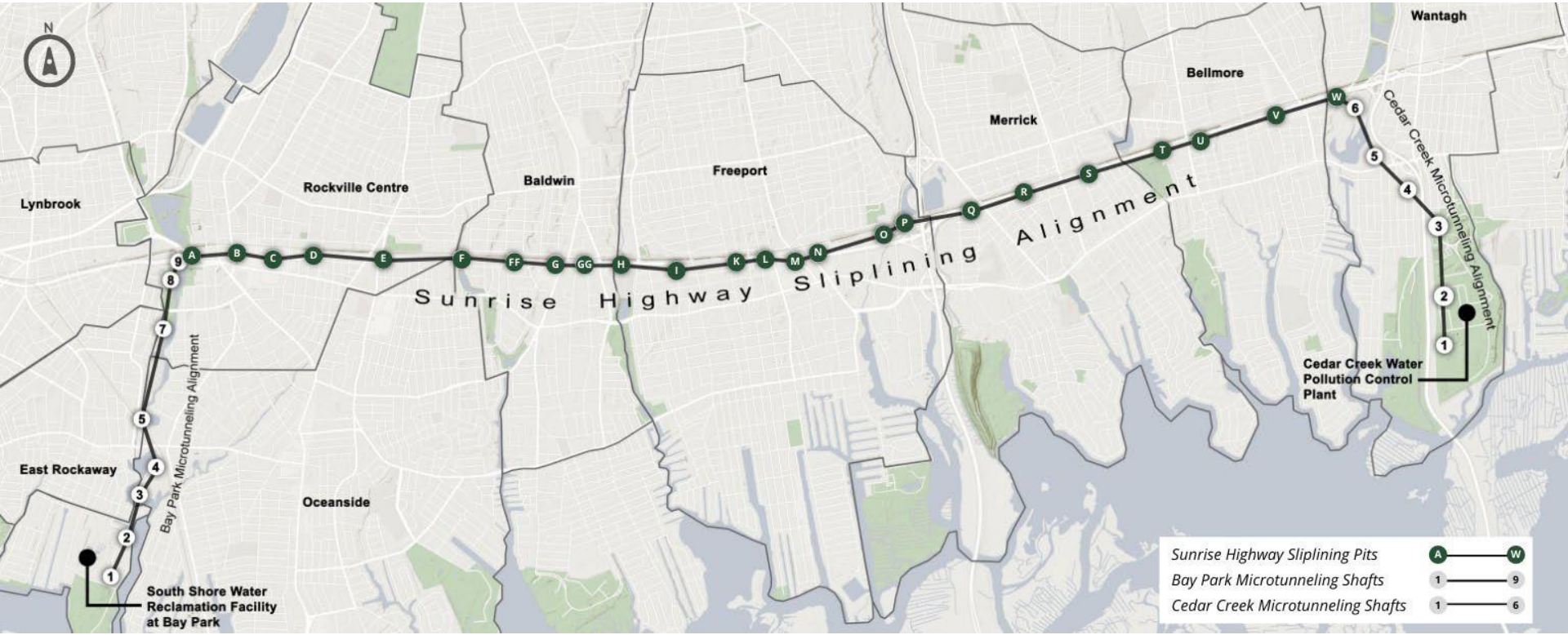
Maximize quality of life by providing residents a place to work and play



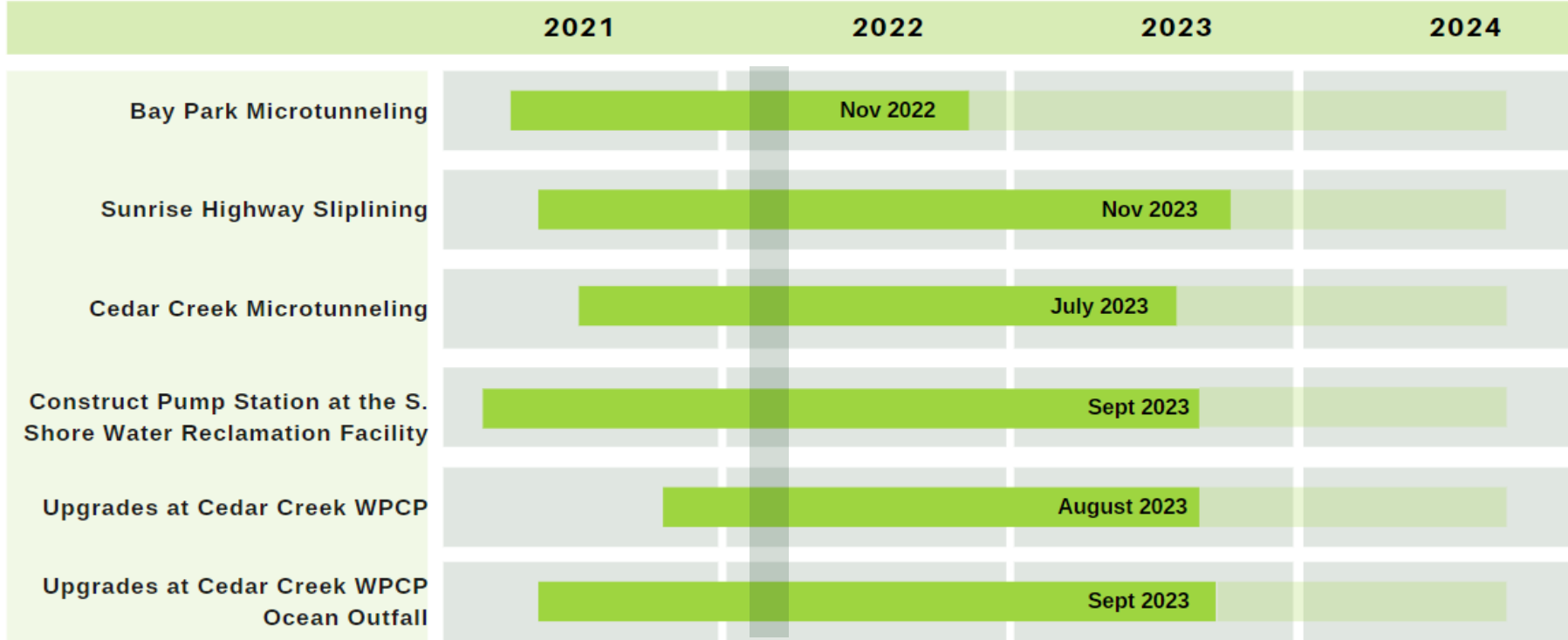
Economic Benefits

The ecological recovery of the Western Bays and improved water quality will enhance and expand water-based recreational and commercial opportunities

Bay Park Conveyance Project Overview



Project Timeline



We Are Here

Final Acceptance Aug 2024

Construction Techniques

Microtunneling - A technique used to install piping deep into the ground

Sliplining - Utilizes existing infrastructure by inserting a new pipe into an existing pipe

Support of Excavation (SOE) - Used to support the earth during excavation

Jet Grouting - A technique used as a means for groundwater control



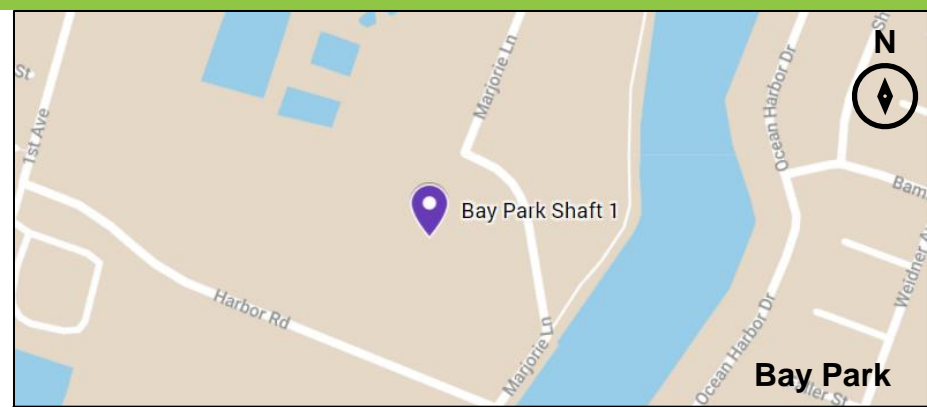
SOE Installation at BP1, November 2021



Construction Updates

Bay Park Shaft 1 (BP1)

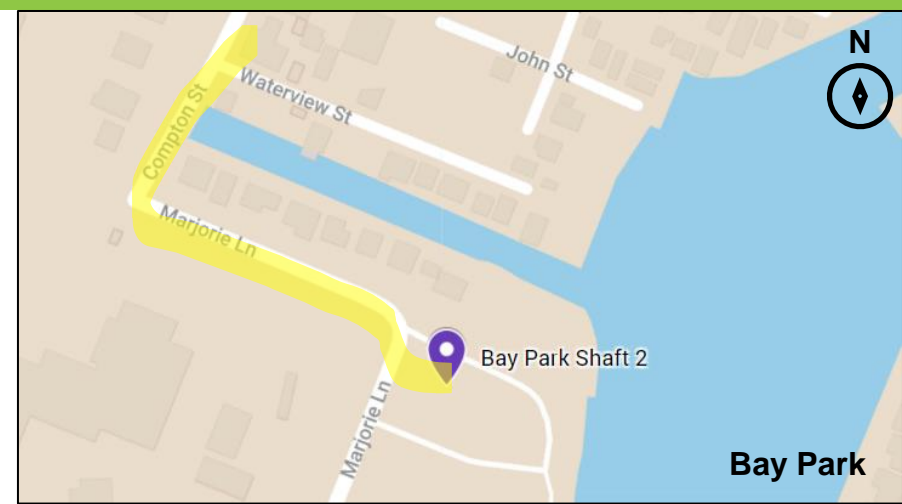
- BP1 is located within the footprint of the South Shore Water Reclamation Facility at Bay Park.
- Shaft and wet well excavation are complete.
- Site is prepared to receive the Microtunnel Boring Machine (MTBM) from BP2.
- Jet grout operation at diversion structure nearing completion.



Jet Grout Installation at BP1, November 2021

Bay Park Shaft 2 (BP2)

- BP2 is located within the boundaries of Nassau County's Bay Park, at the northeast corner of Marjorie Lane.
- First Microtunnel Boring Machine (MARSH-MELLOW) is on site and being assembled in preparation for microtunneling towards BP1.
- Throughout February, trucks will transport materials including segments of large pipe to BP2 in preparation for microtunneling.
- Nearby residents were notified via canvassing notice in advance of this transportation.



Microtunnel Pipe Delivery at BP2, January 2022

Bay Park Shaft 3 (BP3)

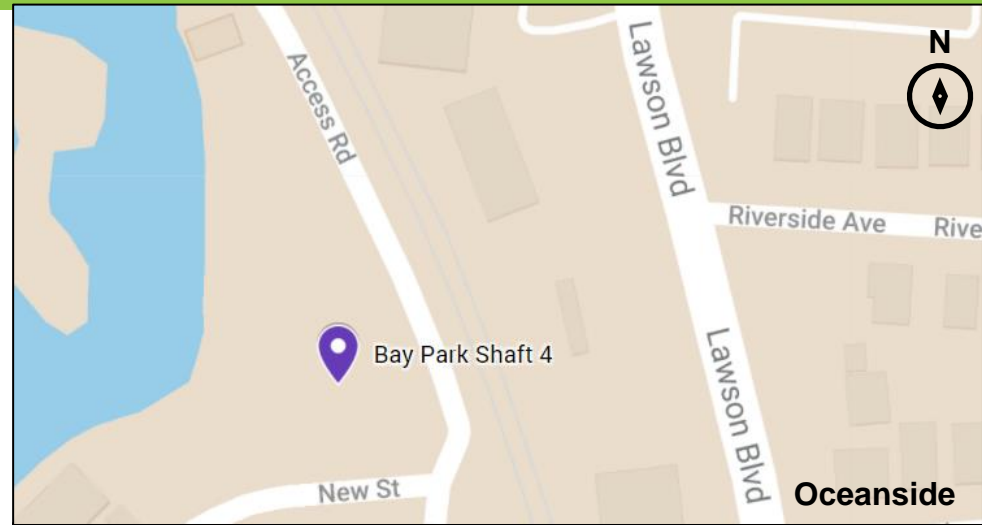
- BP3 is located off New Street in Oceanside.
- Crews have completed installation of SOE and jet grout operation.
- Shaft excavation is ongoing in preparation for microtunneling and is anticipated to be complete in February.



Excavation at BP3, January 2022

Bay Park Shaft 4 (BP4)

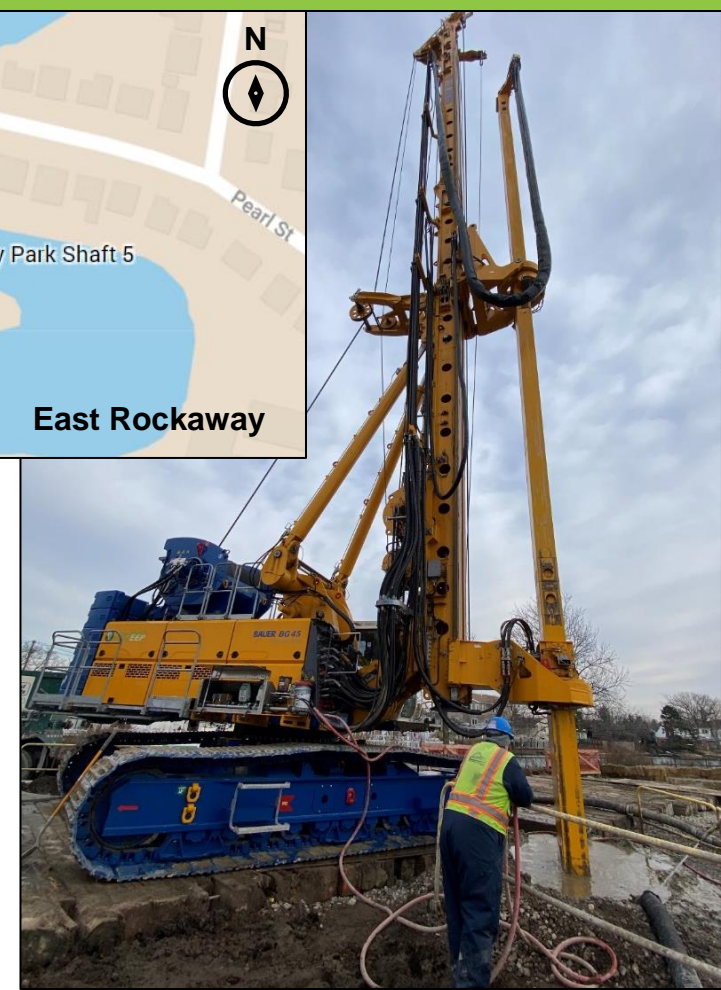
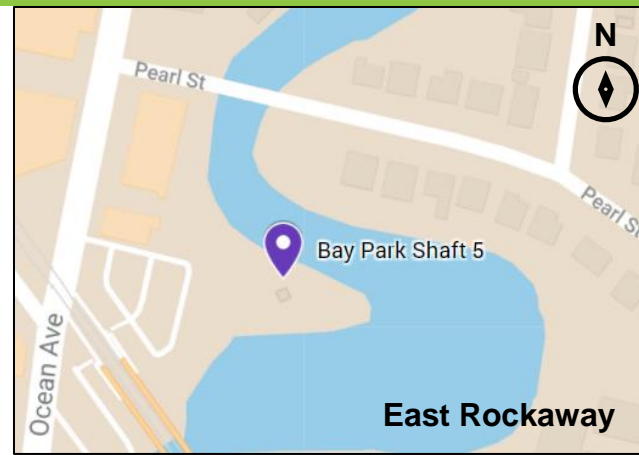
- BP4 is located off New Street in Oceanside.
- Guide wall is complete.
- Installation of SOE has begun.
- Jet grout operation will begin in early March.
- Crews will continue to use the site for storage/laydown purposes.



Guide Wall Construction at BP4, January 2022

Bay Park Shaft 5 (BP5)

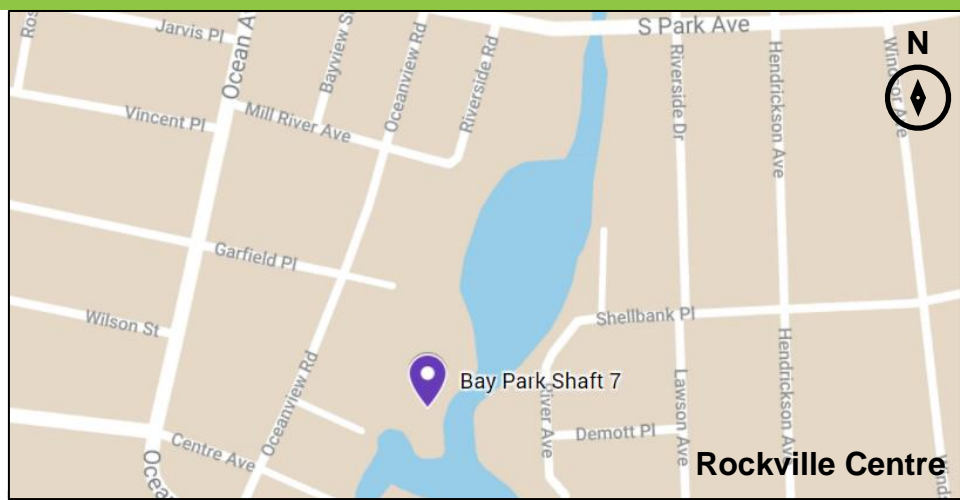
- BP5 is located at the East Rockaway Oxbow Park, off Ocean Avenue near the East Rockaway LIRR Station.
- SOE installation is complete and jet grout operation will begin in mid-February.
- To facilitate construction activities, access to 9 parking spaces at Oxbow Park will remain closed until fall 2022.
- The parking lot's approx. 60 additional spaces will remain open with two-way traffic into and out of the parking lot.



SOE Installation at BP5, December 2021

Bay Park Shaft 7 (BP7)

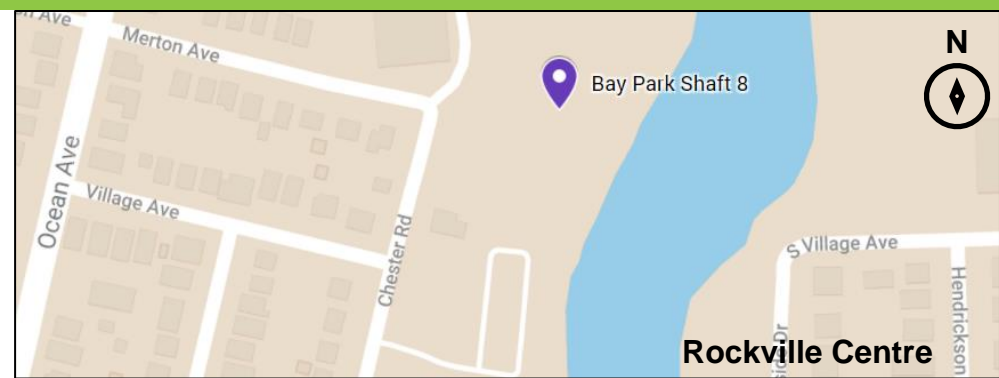
- BP7 is located at the Rockville Centre Department of Public Works Yard, off Mill River Avenue and Riverside Road.
- Crews are preparing the area and will continue to use the site for storage/laydown purposes in advance of SOE installation.



Spoils Pit and Erosion Control at BP7, July 2021

Bay Park Shaft 8 (BP8)

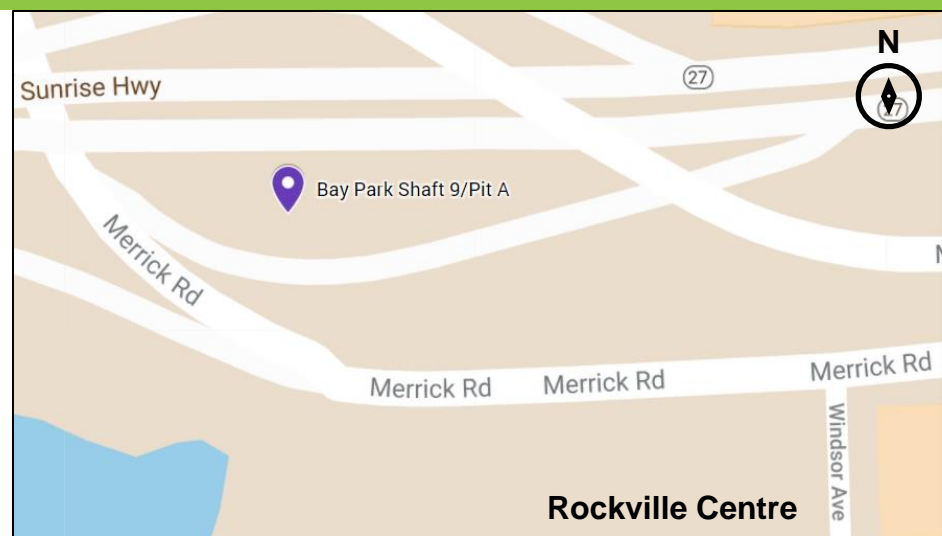
- BP8 is located at Rockville Centre's Lister Field, at the Mill River Complex Park.
- Ongoing coordination with Rockville Centre is taking place to minimize impacts to the recreational use of Lister Field.
- Shaft excavation to follow excavation at CC2/CC3.
- Site is prepared and will be used for storage/laydown of material.



SOE Installation at BP8, December 2021

Bay Park Shaft 9 (BP9)

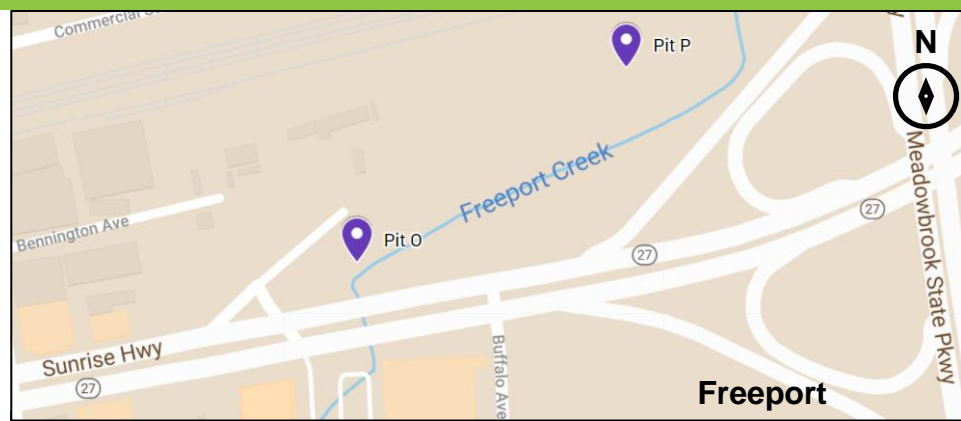
- BP9 is located at the Sunrise Highway / Merrick Road Interchange in Rockville Centre.
- A construction entrance has been set at BP9/Pit A. Maintenance and Protection of Traffic (MPT) is in place until late 2022.
- Clearing, grubbing, and site prep are complete.
- Utility relocation expected to begin in March.
- New York State Department of Environmental Conservation (NYSDEC) and Nassau County Department of Public Works (NCDPW) are committed to replacing trees removed during construction, and a tree restoration plan is being developed. Restoration details will be shared as information become available.



Site Prep at BP9, April 2021

Sunrise Highway Pit O

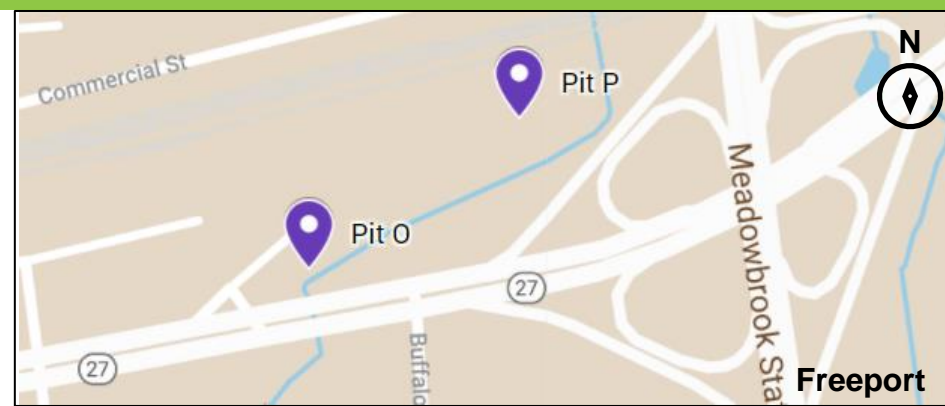
- Pit O is located on the north side of Sunrise Highway, just west of the Meadowbrook Parkway.
- Pit O is prepped and ready to begin pipe jacking operation.
- Pits O and P are the first locations to begin sliplining operation.
- Work will be performed off the roadway on the north side of Sunrise Highway and is not expected to impact the traveling public.
- However, there may be an increase in construction vehicles and crews in the area.



Excavation at Pit O, January 2022

Sunrise Highway Pit P

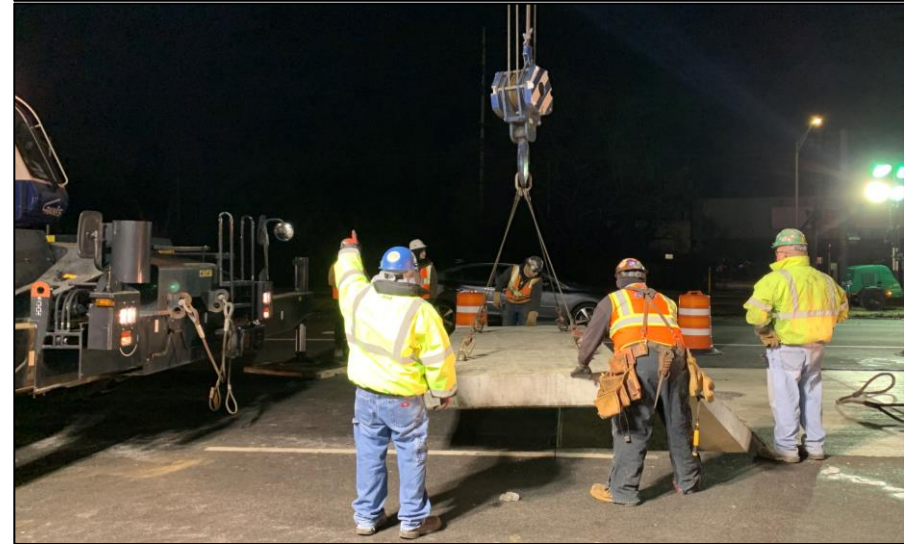
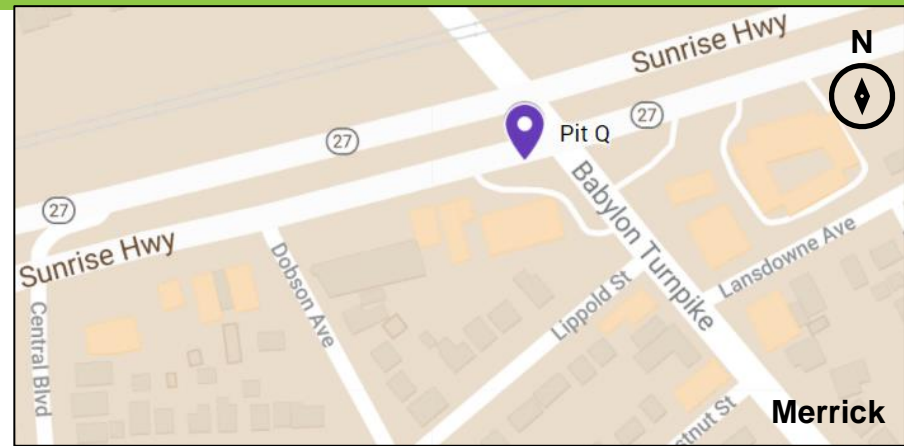
- Pit P is located on the north side of Sunrise Highway, just west of the Meadowbrook Parkway.
- Pit P is prepared to receive first piece of pipe being jacked from Pit O.
- Sliplining is anticipated to begin in late February.
- Work will be performed off the roadway on the north side of Sunrise Highway and is not expected to impact the traveling public.
- However, there may be an increase in construction vehicles and crews in the area.



Sliplining Equipment at Pit O, January 2022

Sunrise Highway Pit Q

- Pit Q is located in the eastbound lane on Sunrise Highway, just west of Babylon Turnpike, in Merrick.
- SOE installation is complete, excavation to follow.
- Work will take place overnight, from 9pm – 6am.
- During these hours, two eastbound lanes will be closed, and one eastbound lane will remain open.
- Commuters will notice concrete barriers, barrels, and signage in the eastbound middle lane of Sunrise Highway for the remainder of construction at Pit Q from approx. the Meadowbrook Parkway to Babylon Turnpike.



Road Plate Installation at Pit Q, January 2022

Sunrise Highway Pit R

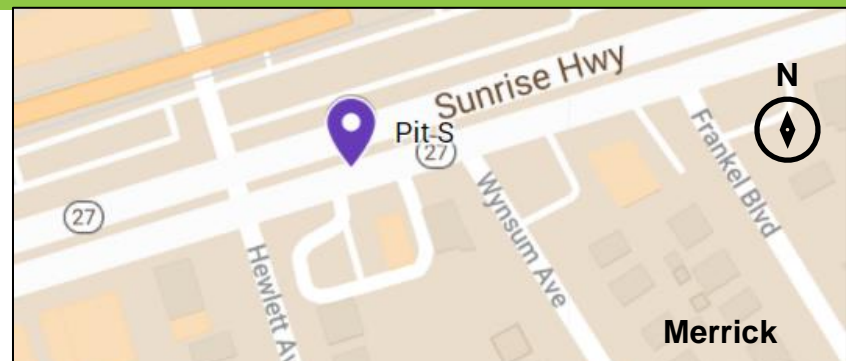
- Pit R is located in the eastbound lane on Sunrise Highway, east of the Babylon Turnpike, in Merrick between Lansdowne Avenue and City Place.
- Installation of sheet piles has begun and will be followed by SOE.
- Installation of sheet piles and SOE can cause periods of noise and vibration that may be noticeable to residents in the areas directly adjacent to the work site.
- Work will take place overnight, from 9pm – 6am.
- During these hours, two eastbound lanes will be closed, and one eastbound lane will remain open.



Installation of Sheet Piles at Pit R, February 2022

Sunrise Highway Pit S

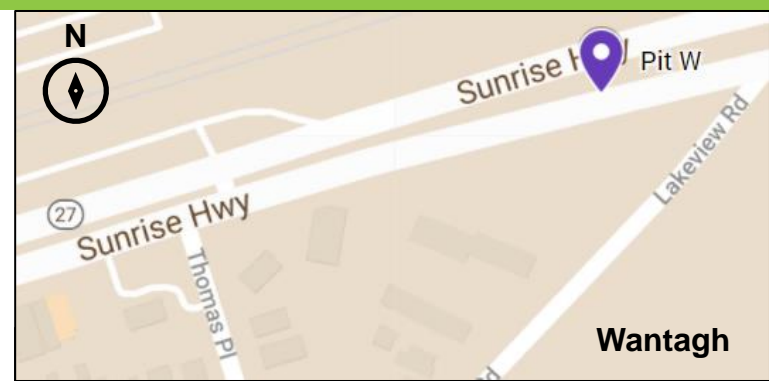
- Pit S is located in the eastbound lane on Sunrise Highway, east of the Meadowbrook Parkway, in Merrick between Hewlett Avenue and Wynsum Avenue.
- SOE installation is underway in February.
- Installation of SOE can cause periods of noise and vibration that may be noticeable to residents in the areas directly adjacent to the work site.
- Work will take place overnight, from 9pm – 6am.
- During these hours, two eastbound lanes will be closed, and one eastbound lane will remain open between approx. Merrick Avenue and Lincoln Boulevard.



Ongoing Construction at Pit S, February 2022

Sunrise Highway Pit W

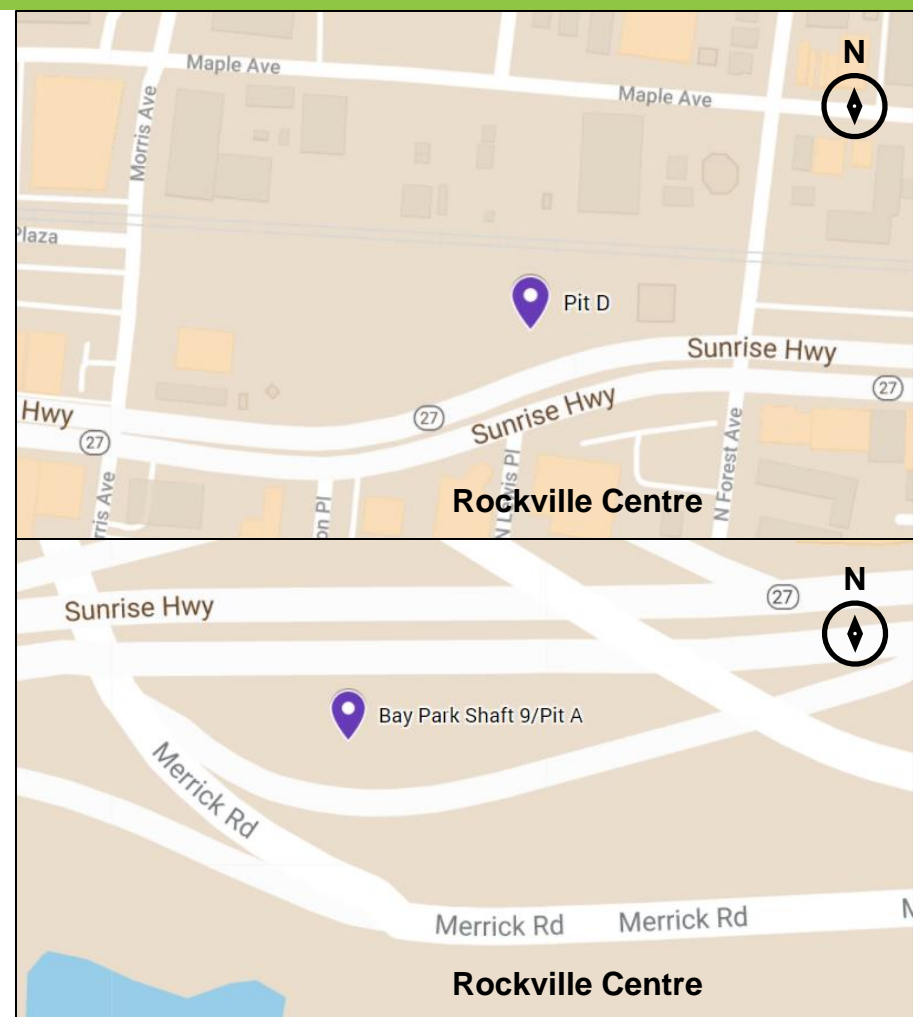
- Pit W is located in the eastbound lane on Sunrise Highway in Wantagh, between Thomas Place and Lakeview Road.
- In February, crews will begin to remove the median in advance of paving operations. When complete, traffic will be shifted north onto the newly paved extension and a work area will be established on the south side of the roadway.
- Work will take place during the day, from 9am – 3pm. The left turn lane both eastbound and westbound will be closed throughout construction.



Road Plate Placed at Pit W, February 2022

Sunrise Highway Pit A/Pit D

- **Pit D:** A construction entrance has been established at Joyce Field in Rockville Centre for storage and laydown of materials.
- The sidewalk in front of Joyce Field, between Morris Avenue and North Forest Avenue, will continue to be closed for the duration of the Project until 2024.
- **BP9 / Pit A:** A construction entrance has been established at the Sunrise Highway/Merrick Road Interchange.
- One eastbound lane on the Merrick Road exit ramp onto Sunrise Highway is closed throughout construction at this location, which is expected to last through 2022.



Protection of Traveling Public and Work Zones

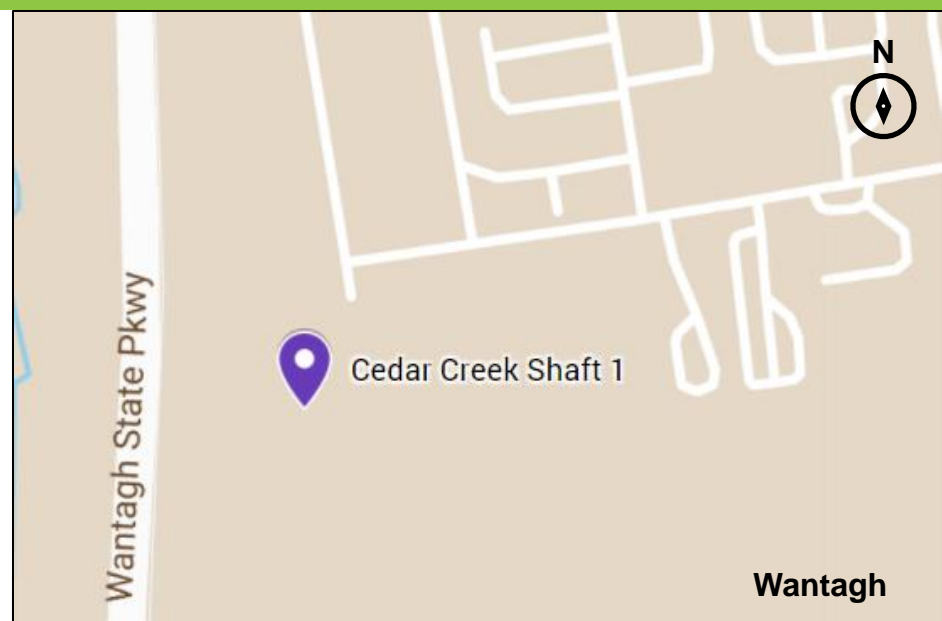
- Work Zone Traffic Control (WZTC) and Maintenance and Protection of Traffic (MPT) Signage is deployed to assist motorists and pedestrians around WBC work areas.
- Variable Message Signage (VMS) boards are deployed in advance of lane closures.
- Weekly “Before You Go” Facebook posts highlight lane closures for the week ahead.
- Canvassing notifications to nearby residents and businesses as needed.
- Addition of 6th workday may begin in February.



MPT deployed at Pit F on Sunrise Highway, May 2021

Cedar Creek Shaft 1 (CC1)

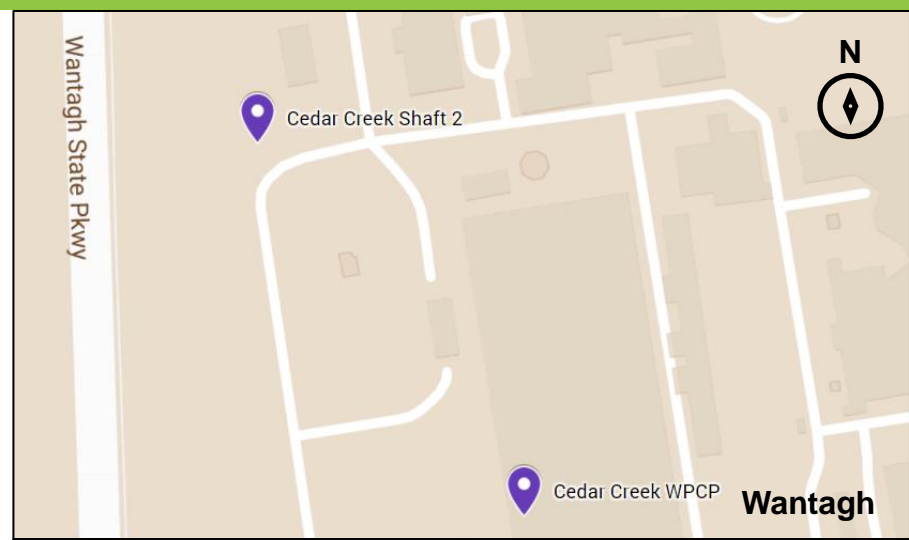
- CC1 is located within the footprint of the Cedar Creek Water Pollution Control Plant (WPCP).
- SOE is installed.
- Shaft excavation is underway.



A Look Inside Microtunneling Pipe, January 2022

Cedar Creek Shaft 2 (CC2)

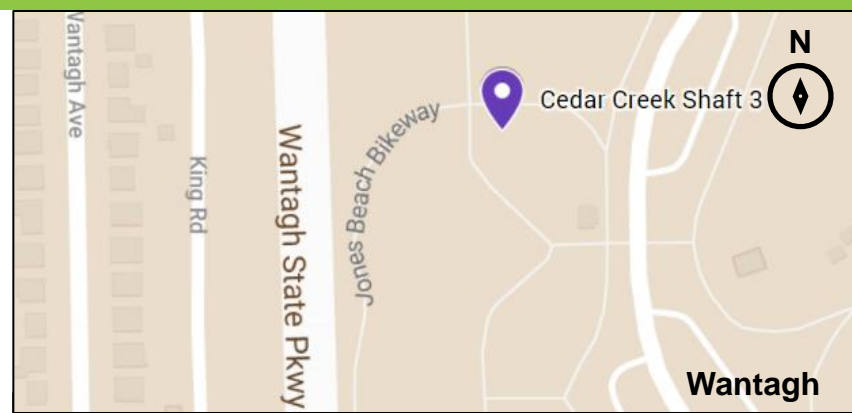
- CC2 is located within the footprint of the Cedar Creek WPCP.
- Jet grout operation is complete.
- Shaft excavation to follow.
- Second Microtunnel Boring Machine (P.O.S.E.I.D.O.N.) has been delivered and is being assembled in preparation for microtunneling.



MTBM P.O.S.E.I.D.O.N. Pipe Components at CC2, January 2022

Cedar Creek Shaft 3 (CC3)

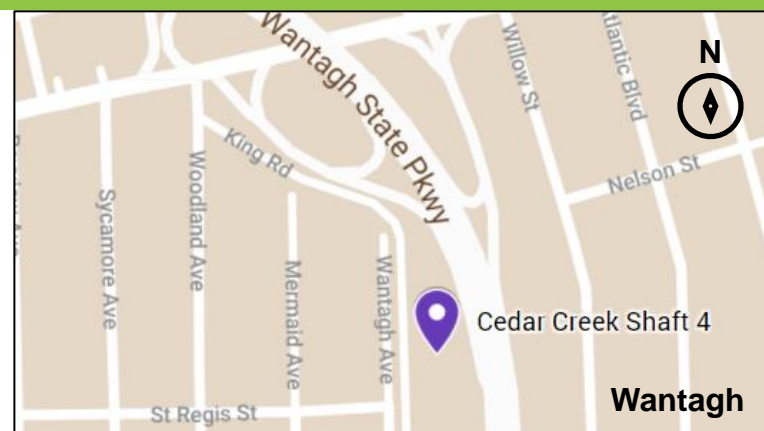
- CC3 is located at Cedar Creek Park, near the entrance to the Wantagh State Parkway and Jones Beach Bike Path.
- Crews are continuing to prep the site in advance of excavation, anticipated to begin in February.
- The Jones Beach Bike Path is expected to remain open throughout construction.



Guide Wall Installation at CC3, January 2022

Cedar Creek Shaft 4 (CC4)

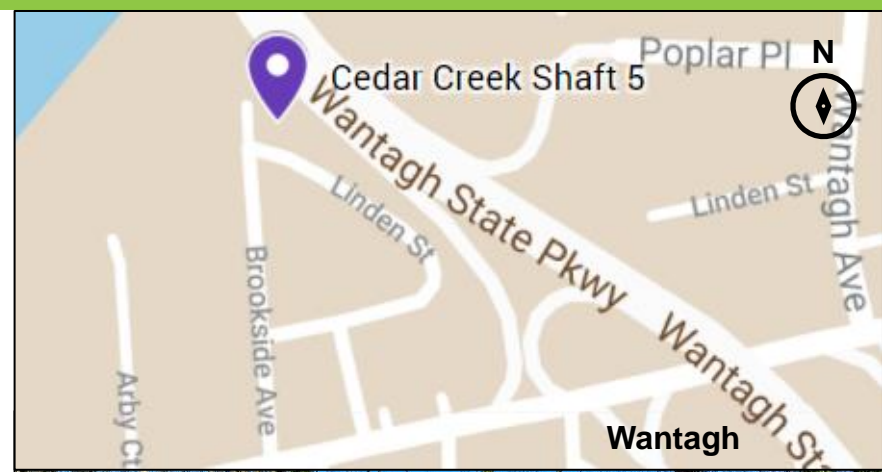
- CC4 is located off King Road adjacent to Wantagh Avenue/St. Regis Street.
- Crews have begun preparing the site for construction. This involves equipment mobilization, creating construction entrances, driveways, fencing, removing trees, and clearing any debris leading to the work zones.
- Installation of SOE will begin in mid-February.
- Jet grout operation is anticipated to begin in March.



Clearing and Grubbing at CC4, January 2022

Cedar Creek Shaft 5 (CC5)

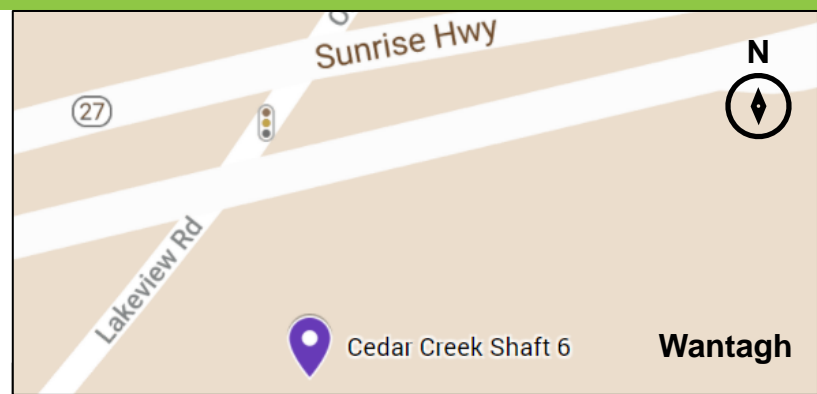
- CC5 is located at the intersection of Brookside Avenue and Linden Street, just west of the Wantagh State Parkway.
- Crews have begun preparing the site for construction. This involves equipment mobilization, creating construction entrances, driveways, fencing, removing trees, and clearing any debris leading to the work zones.
- SOE installation will begin in early March.



Clearing and Grubbing at CC5, January 2022

Cedar Creek Shaft 6 (CC6)

- CC6 is located just off Lakeview Road south of Sunrise Highway.
- Crews have begun preparing the site for construction. This involves equipment mobilization, creating construction entrances, driveways, fencing, removing trees, and clearing any debris leading to the work zones.
- Installation of sheeting in advance of SOE is anticipated to begin in late February.



Construction Entrance at CC6, February 2022

Tree Removal and Restoration

- Some vegetation and trees require removal across the Project alignment to facilitate construction.
- NYSDEC and NCDPW are **committed** to, at minimum, replacing trees removed during construction.
- A tree restoration plan and schedule for replanting are being developed, and restoration details will be shared as information becomes available.



Clearing and Grubbing at CC4, January 2022

Spotlight on Safety & Construction Site Tidiness



- All work pits and shafts will be enclosed and protected with fencing, inaccessible to the public.
- WBC is following all OSHA guidelines.
- Quality control team is present during each operation.

Our Community Commitment

- Environmental monitoring is underway across the Project corridor to monitor and address any potential noise, dust, vibrations and settlement from construction activities.
- As part of monitoring for the protection of property, WBC conducts pre-construction inspections of structures within the construction vicinity to serve as a benchmark for pre-construction conditions. WBC monitors the effects of construction activities and will take corrective actions as needed.



Site Preparation at BP1, March 2021



Stakeholder Engagement

Community Outreach Program

- Door-to-door canvassing
- Construction lookaheads and e-blasts
- Upcoming public information session in February 2022
- Regular meetings with project stakeholders
- Dedicated 24/7 project hotline, email, Facebook & website
- 27 virtual or in-person meetings since NTP
- “Before You Go” Facebook campaign posted weekly
- Coordination with Nassau County Emergency Services
- “What’s Happening Here” signs at each work location
- Inter-project coordination to engage local schools
- MTBM Naming Contest winners announced, ceremony followed, and certificates delivered to participants
- Attendance at community events



Community Ambassador at Bellmore Fair, September 2021

Community Information Center (CIC)

- The CIC, located at 265 Sunrise Highway, Rockville Centre is OPEN
- WBC will offer in-person and virtual meetings from the CIC
- A Project Representative is present:
 - M, W and F: 8am - 3pm
 - Tu and Th: 12pm - 7pm
 - Every other Sat: 9am - 12pm
 - Available to meet by appointment
 - Please visit the Project website for the most updated hours.



Contact Us



24/7 Project Hotline
(516) 252-6121



Community Information Center
265 Sunrise Highway
Rockville Centre, New York 11570
**See website for hours*



Email
BayParkConveyance@gmail.com



Facebook
@BayParkConveyance



Website
www.BayParkConveyance.org



Question and Answer Session

Speaker Instructions



Use the raise hand feature to indicate you have a comment.

If you are joining by phone, press *9 to raise your hand.



When called upon, a member of the Project Team will unmute your audio.

You will then have to unmute yourself.

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State and spell your name and affiliation (e.g. resident, press, etc.) prior to providing your comment. Please limit your comments to three minutes.

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Thank You!