

STAKEHOLDERS MONTHLY MEETING



The Bay Park Conveyance Project

A Western Bays Resiliency Initiative

APRIL 27, 2022



**Department of
Environmental
Conservation**





AGENDA

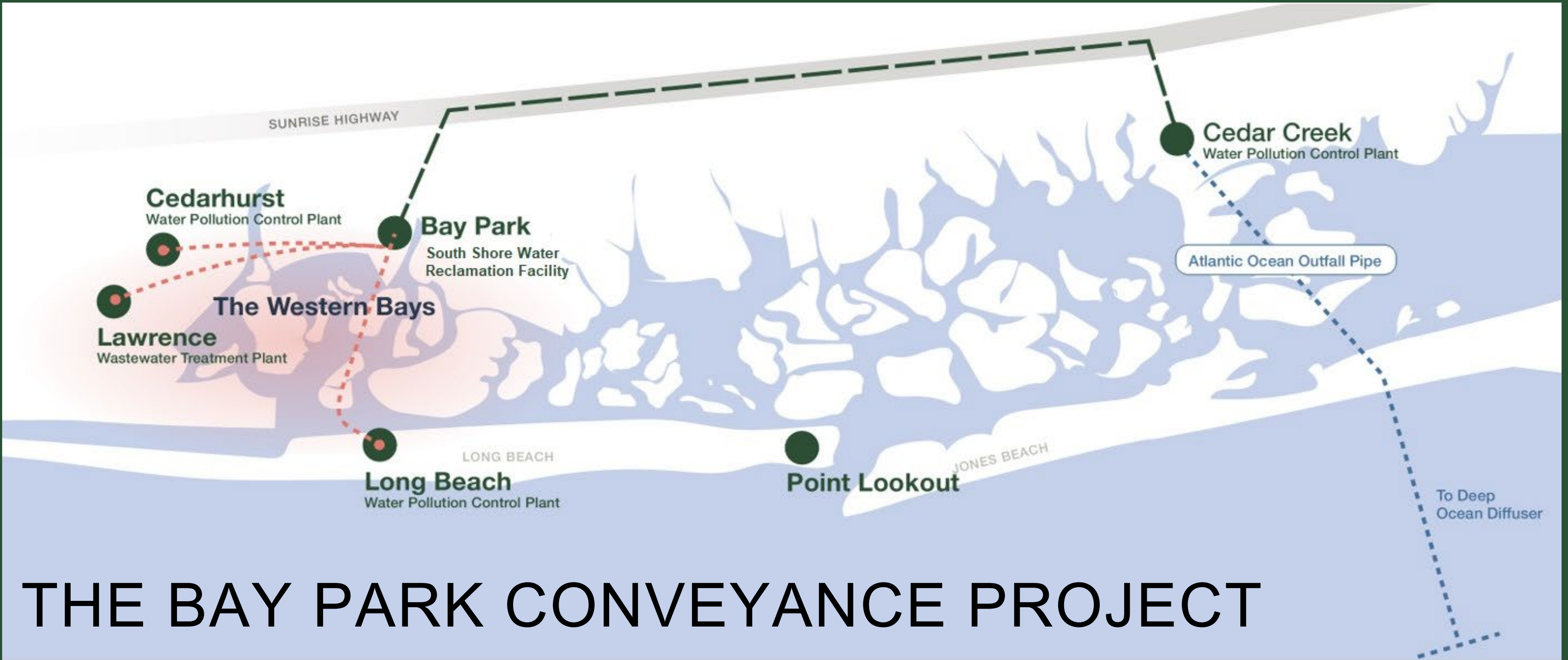
1. Project Background
2. Construction Updates
3. Stakeholder Engagement
4. Question and Answer Session

PROJECT BACKGROUND



WESTERN BAYS CONSTRUCTORS

PICONE | NORTHEAST REMSCO



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 Water Pollution Control Plant (WPCP) ocean outfall.

*Formerly known as 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



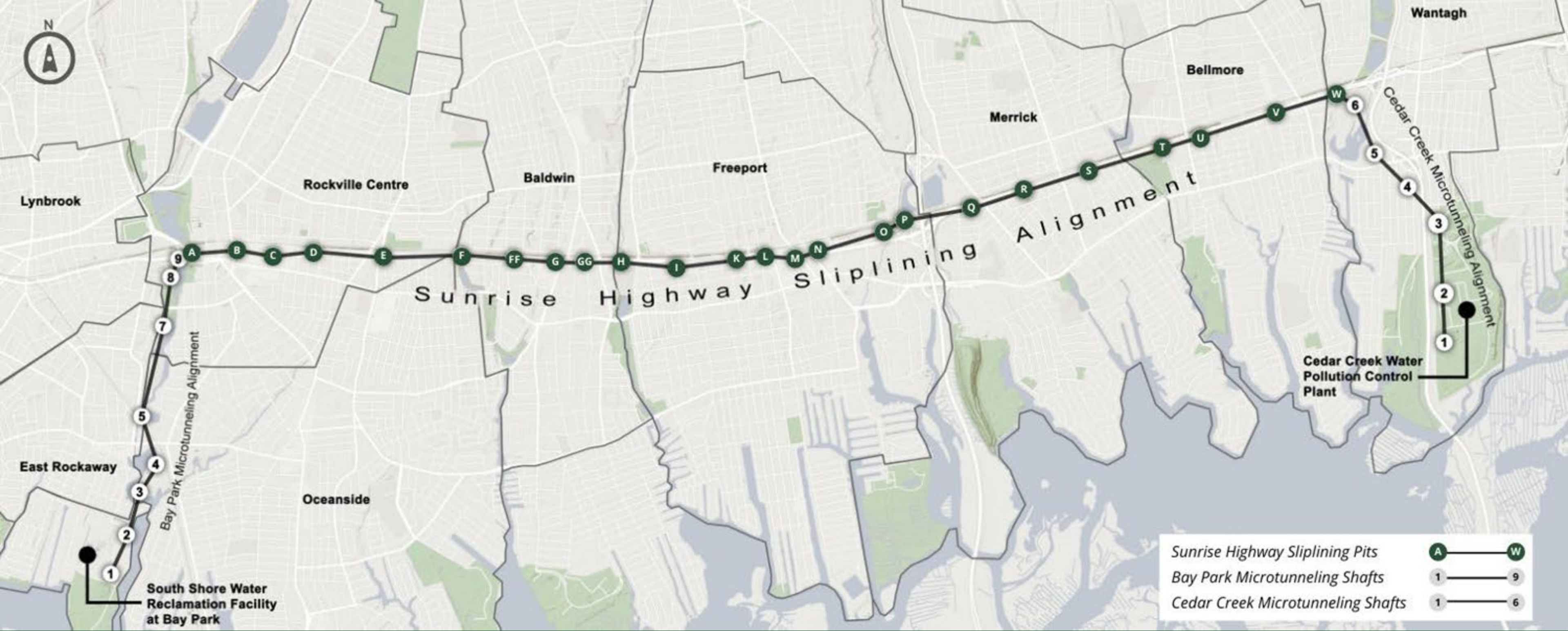
QUALITY OF LIFE FACTORS

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



THE BAY PARK CONVEYANCE PROJECT OVERVIEW

PROJECT TIMELINE



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.



Jacking Station for Microtunnel Boring Machine (MTBM) named MARSH-MELLOW at Bay Park Shaft 2, March 2022

CONSTRUCTION UPDATES



BAY PARK SHAFT 1 (BP1)

Location: Within the footprint of the South Shore Water Reclamation Facility at Bay Park.



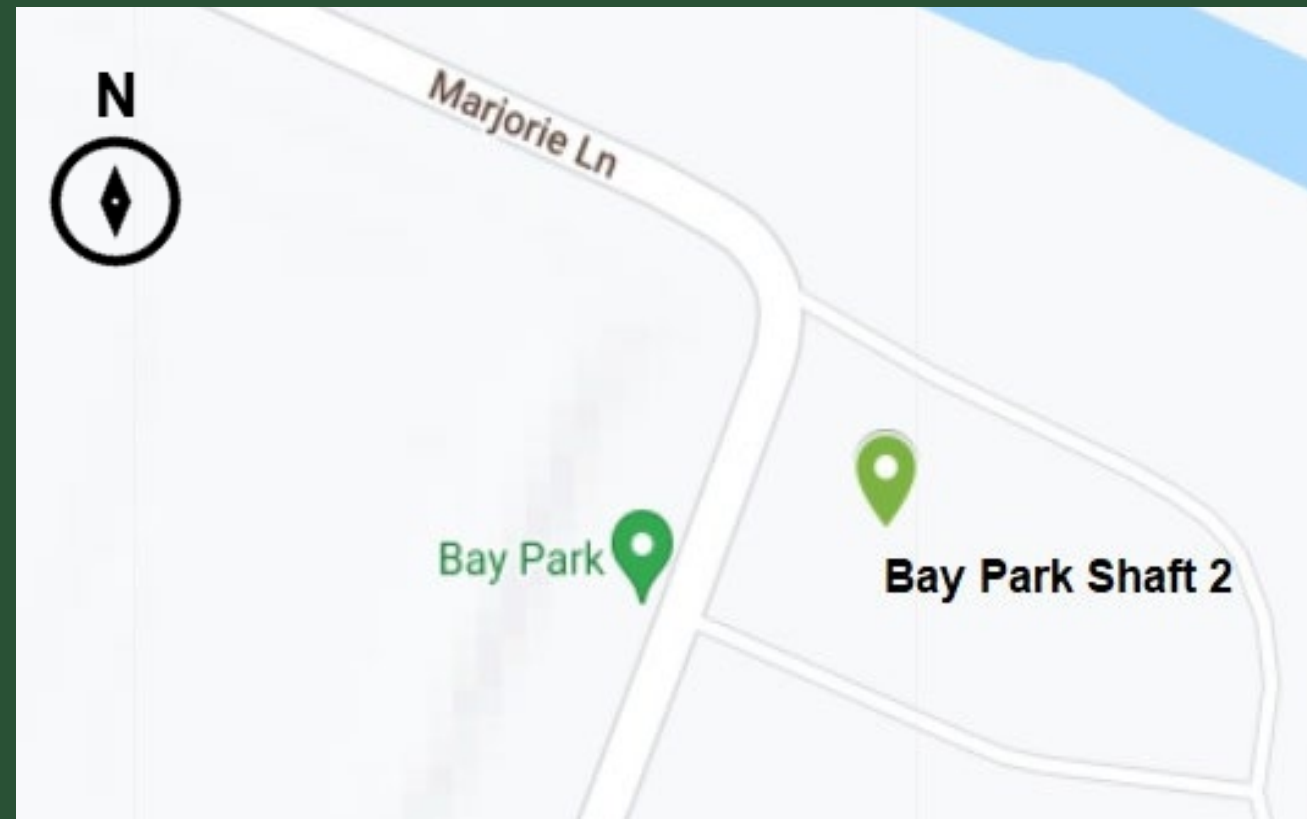
Bay Park

- Next to BP1, crews are constructing a new pump station, a wet well, and a diversion structure.
- Site is prepared and ready to receive the MTBM from BP2.
- Anticipated increase of construction vehicles and manpower for the duration of this activity.



BAY PARK SHAFT 2 (BP2)

Location: Within the boundaries of Nassau County's Bay Park, at the northeast corner of Marjorie Lane.



Bay Park

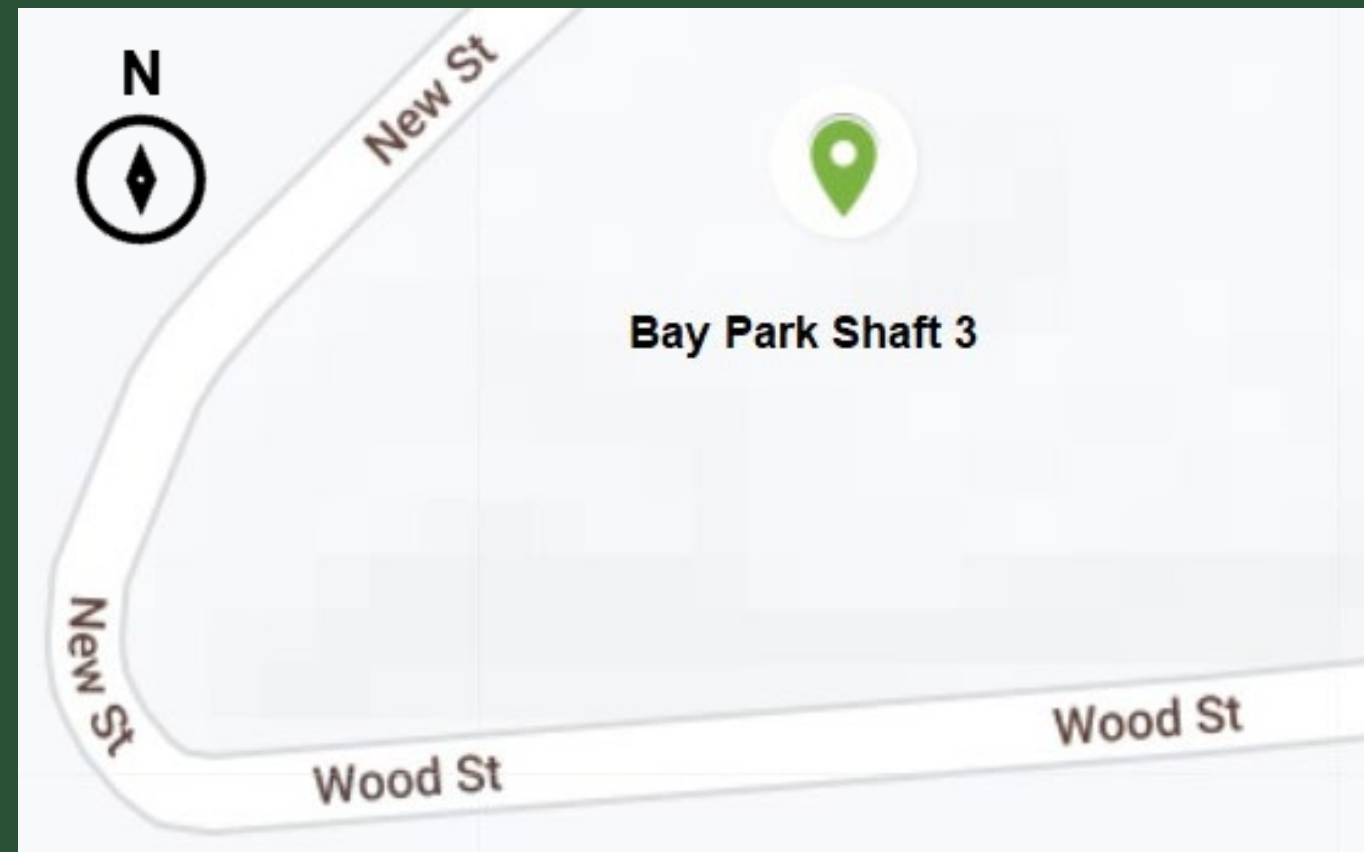
- Trucks continue to transport materials including segments of large pipe to BP2 for microtunneling.
- Microtunneling from BP2 to BP1 has commenced.
- Park users will observe an increase in construction equipment and vehicles between Marjorie Lane and the boat launch.



MTBM "MARSH-MELLOW" Lowered into BP2, April 2022

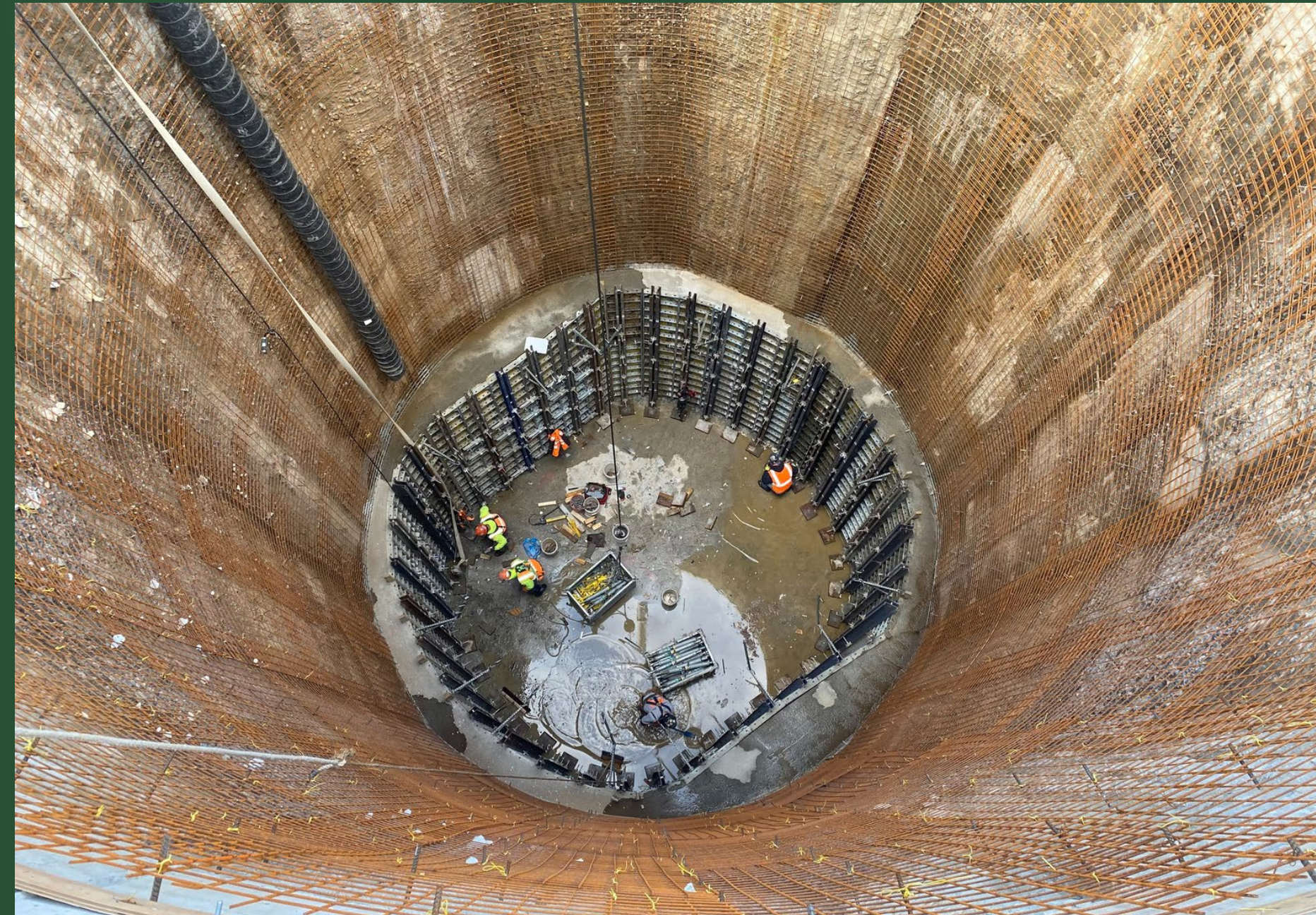
BAY PARK SHAFT 3 (BP3)

Location: Off New Street in Oceanside.



Oceanside

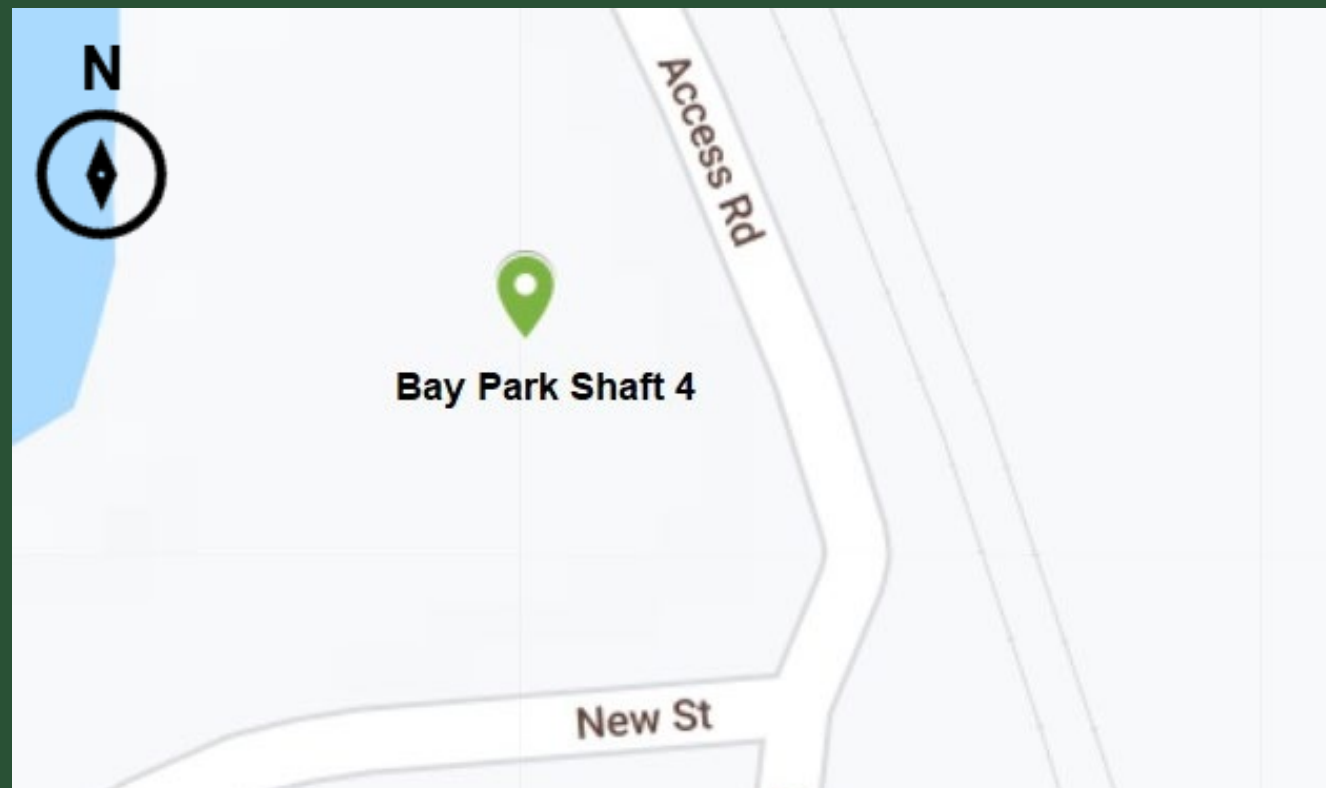
- Shaft excavation is complete.
- Crews are constructing a scaffolding tower.
- Preparation for microtunneling is ongoing.



Concrete liner work at BP3, April 2022

BAY PARK SHAFT 4 (BP4)

Location: Off New Street in Oceanside.



Oceanside

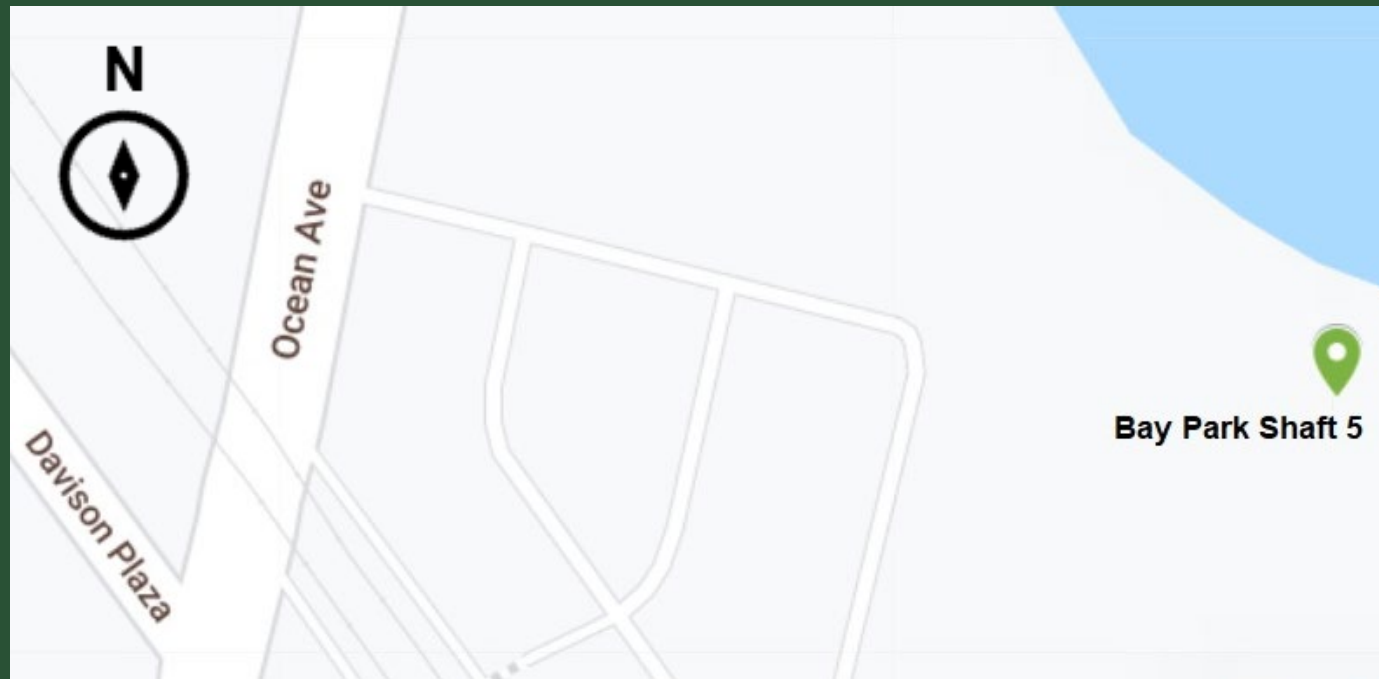
- Geotechnical monitoring devices have been installed on site.
- Site excavation is in progress.
- SOE installation is complete.



Guide Wall Construction at BP4, January 2022

BAY PARK SHAFT 5 (BP5)

Location: East Rockaway Oxbow Park, off Ocean Avenue near the East Rockaway LIRR Station.



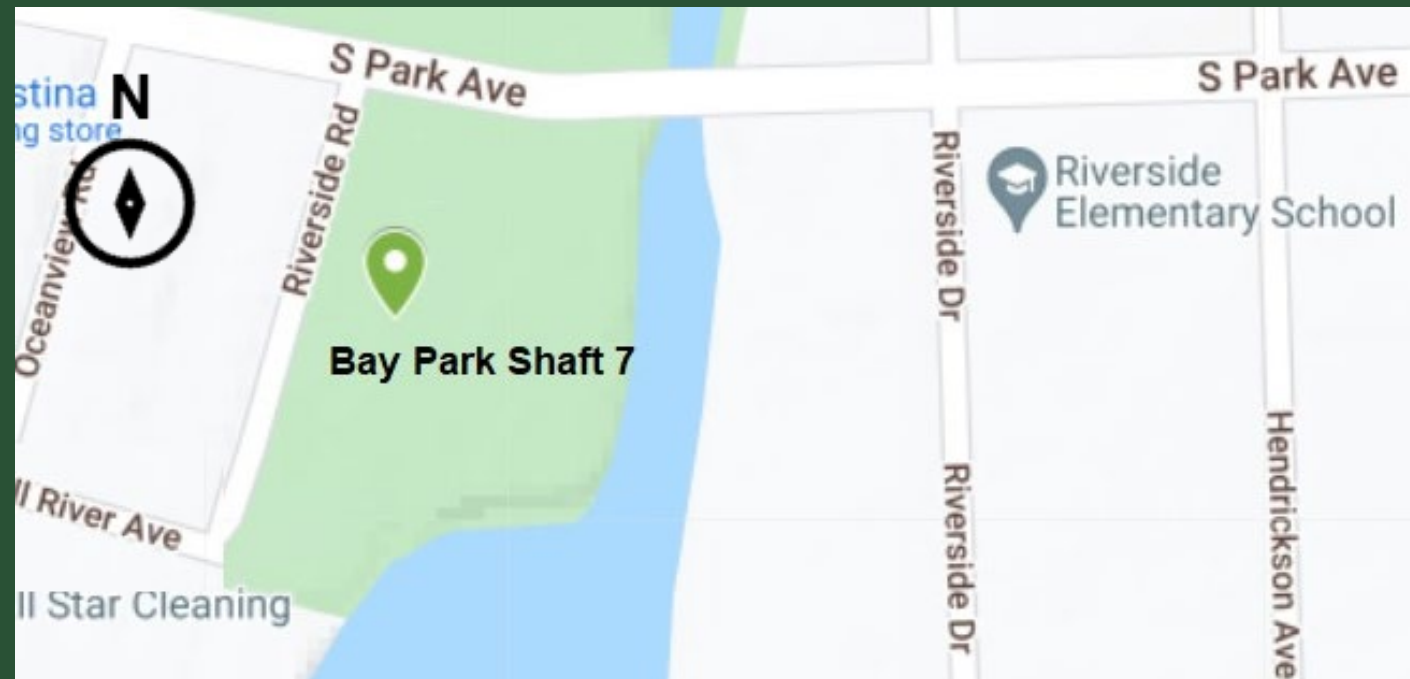
East Rockaway

- Crews continue to install geotechnical monitoring devices.
- Site is being prepared in advance of excavation, anticipated to begin in May.
- To facilitate construction activities, access to 9 parking spaces at Oxbow Park will remain closed until fall 2022.
 - Approx. 60 additional parking spaces will remain open with two-way traffic into and out of the parking lot.
- Oxbow Park will remain closed through approx. fall 2022.



BAY PARK SHAFT 7 (BP7)

Location: Rockville Centre
Department of Public Works Yard,
off Mill River Avenue.



East Rockaway

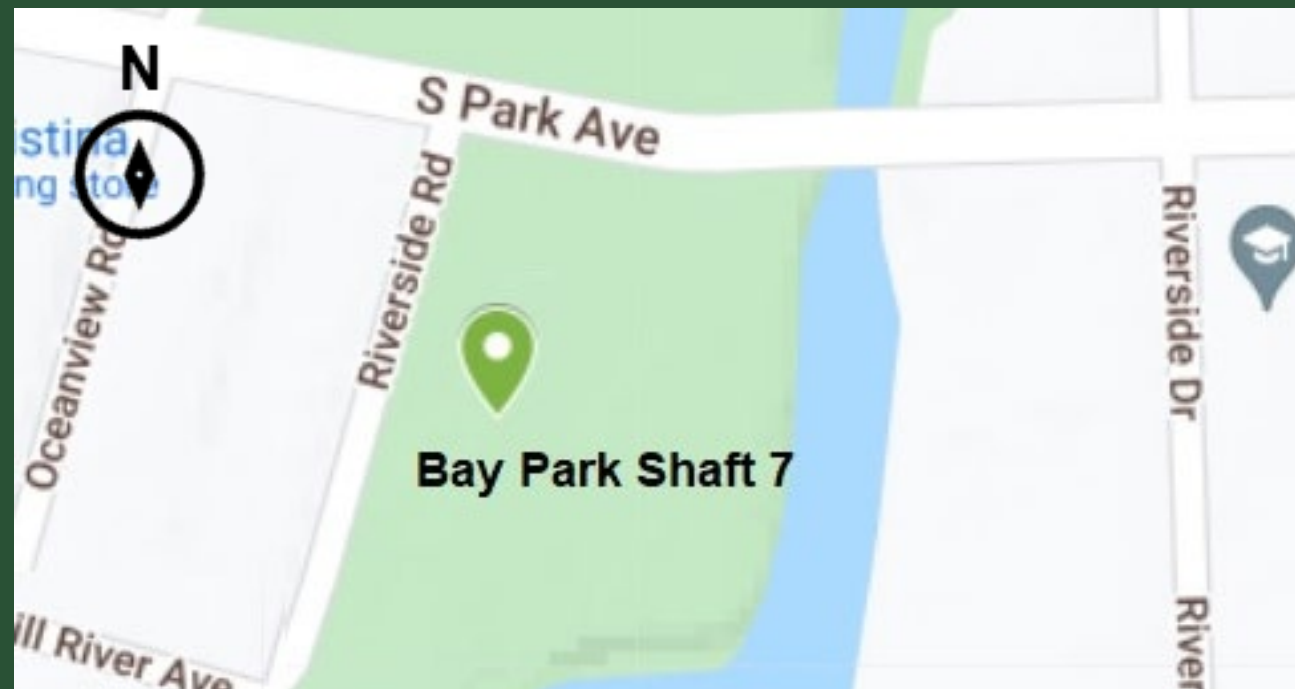
- Installation of SOE nearing completion. Jet grout to follow.
- Crews will continue to use the site for storage/laydown purposes.



SOE Installation at BP7, April 2022

BAY PARK SHAFT 8 (BP8)

Location: Rockville Centre's Lister Field, at the Mill River Complex Park.



Oceanside

- Ongoing coordination with Rockville Centre is taking place to minimize impacts to the recreational use of Lister Field.
- SOE installation complete and shaft prepared for excavation.



SOE Installation at BP8, December 2021

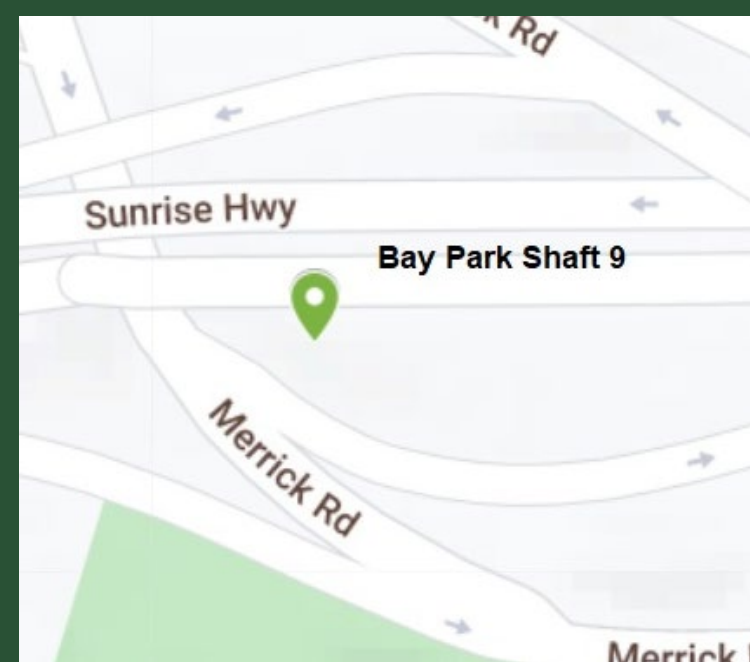
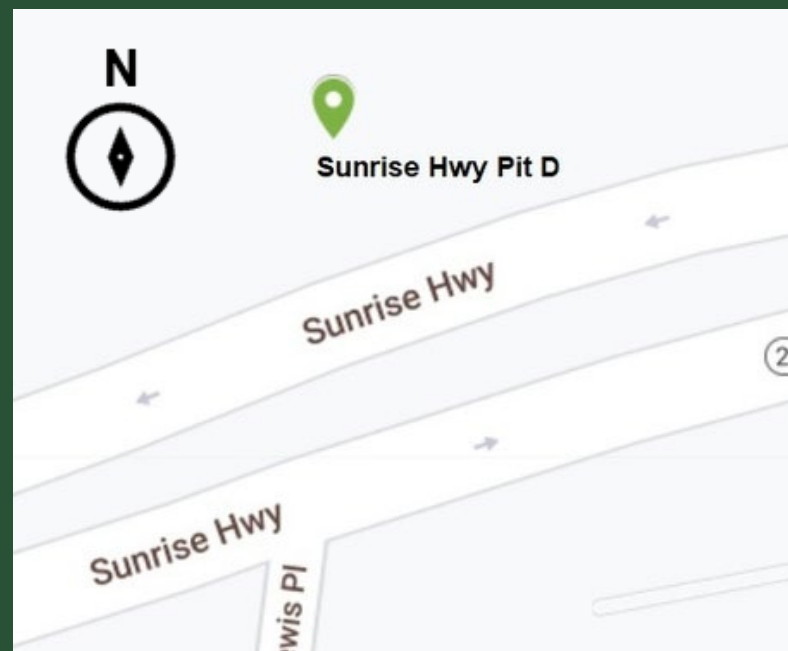
SHAFT BP9/PIT A AND PIT D

Locations:

Pit D: A construction entrance has been established at Joyce Field in Rockville Centre Sunrise Highway for storage and laydown of materials.

BP9 / Pit A: A construction entrance has been established at the Sunrise Highway/Merrick Road Interchange.

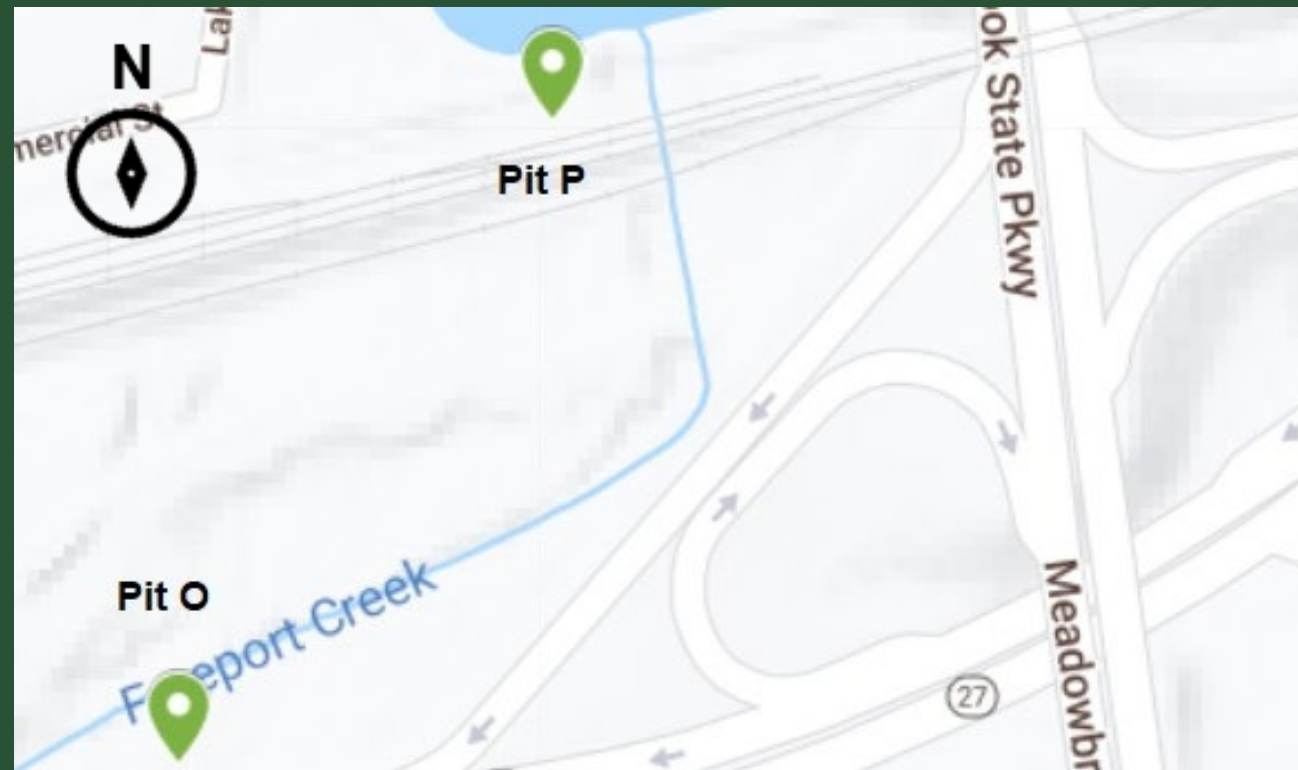
- Crews are preparing the area in advance of SOE installation.
- Crews continue to install geotechnical monitoring devices.
- The sidewalk in front of Joyce Field, between Morris Avenue and North Forest Avenue, will remain closed for the duration of the Project until 2024.
- Eastbound lane on the Merrick Road exit ramp on Sunrise Highway expected to close temporarily. Flaggers will direct traffic in and out of work area.



BP9 Site Preparation, January 2022

SUNRISE HWY PITS O AND P

Location: Freeport, on the north side of Sunrise Highway, just west of the Meadowbrook Parkway.



Freeport

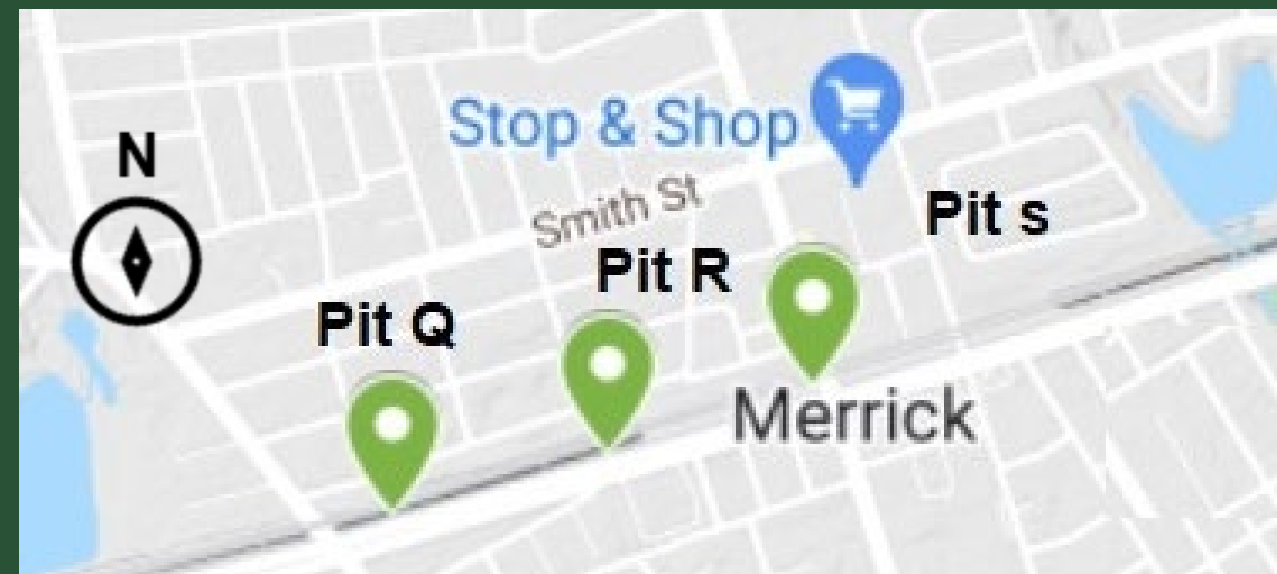
- Pipe jacking between Pits O and P is complete.
- WBC will continue to use the area for storage and laydown purposes.
- There will be a consistent presence of construction vehicles and crews in the area.



Start of Sliplining at Pit O, March 2022

SUNRISE HWY PIT R

Location: Merrick, on the south side of Sunrise Highway, east of the Babylon Turnpike between Lansdowne Avenue and City Place.



Merrick

- Jacking frame to be installed at Pit R to slipline from Pit R to Q, then from Pit R to S.
- Crews continue to troubleshoot and address vibration concerns at Pit R.



SUNRISE HWY PITS Q-V

Locations:

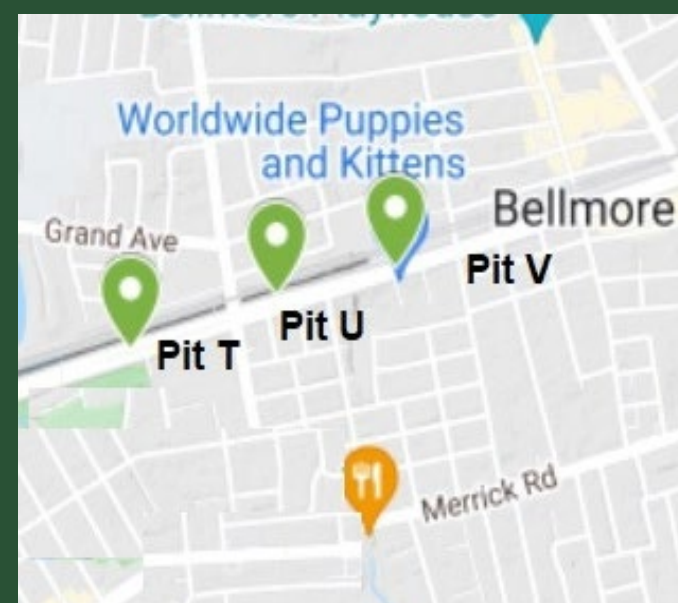
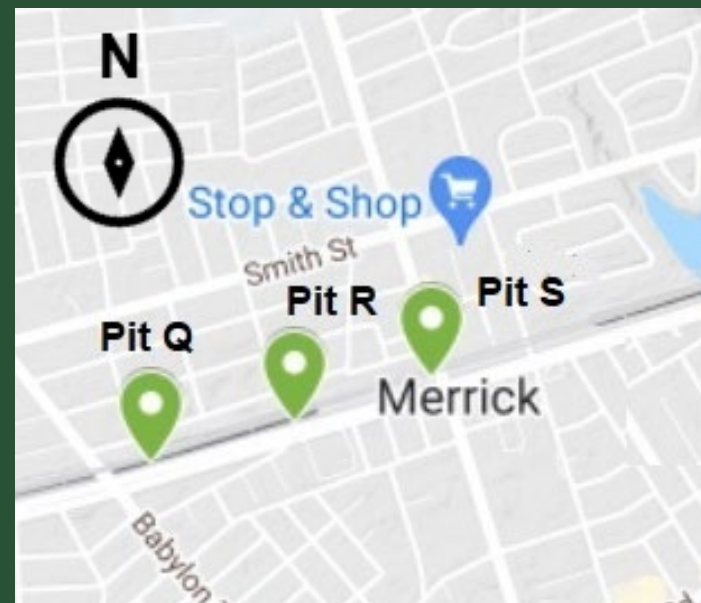
Pit Q: South side of Sunrise Highway, just west of Babylon Turnpike.

Pit S: South side of Sunrise Highway, east of the Meadowbrook Parkway between Hewlett Avenue and Wynsum Avenue.

Pit T: South side of Sunrise Highway, just west of Newbridge Road.

Pit U: South side of Sunrise Highway, east of Newbridge Road, between Hanson Place and Argyle Place.

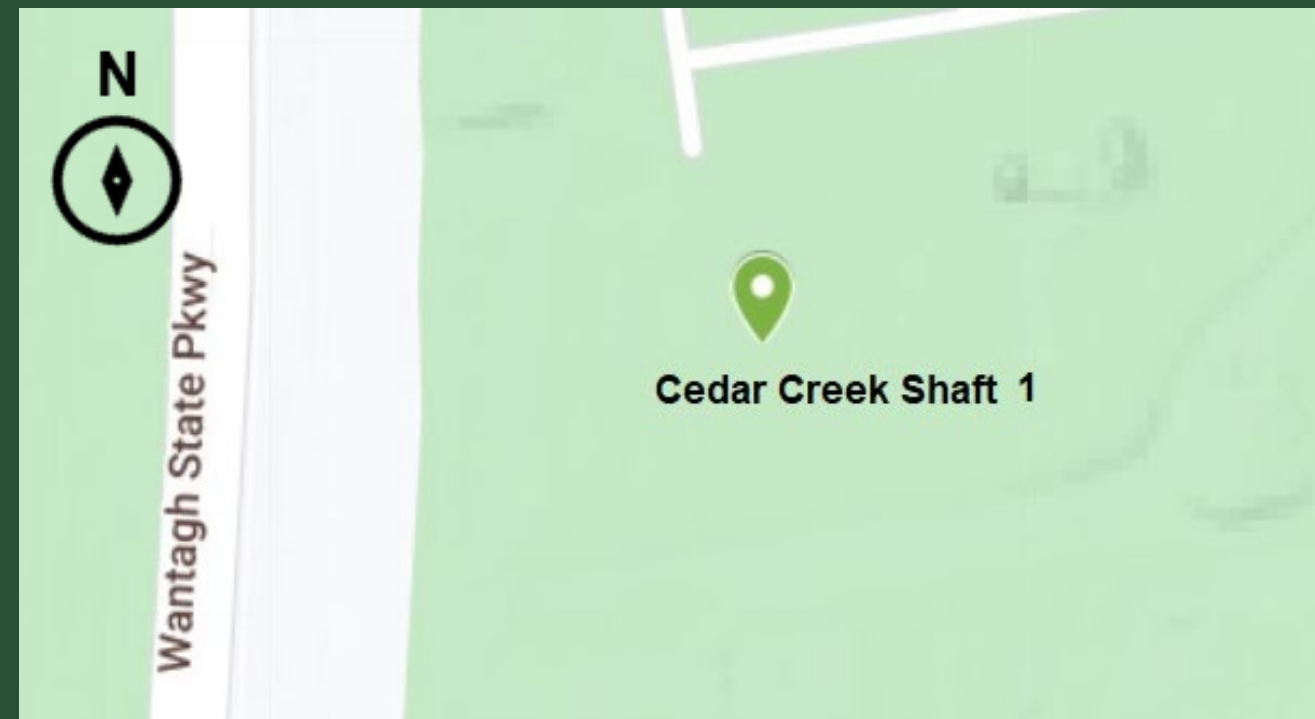
- Pits Q and S: Excavation complete. Site preparation continues in advance of sliplining.
- Pits T and U: SOE installation and shaft excavation is ongoing. Sliplining to follow.
- Pit V: SOE installation is anticipated to begin in May.



SOE installation at Pit T, April 2022

CEDAR CREEK SHAFT 1 (CC1)

Location: Within the footprint of the Cedar Creek WPCP.



Wantagh

- Shaft excavation is complete.
- Crews are constructing concrete liner walls.
- Work at this location should have no noticeable impact to Cedar Creek Park users.



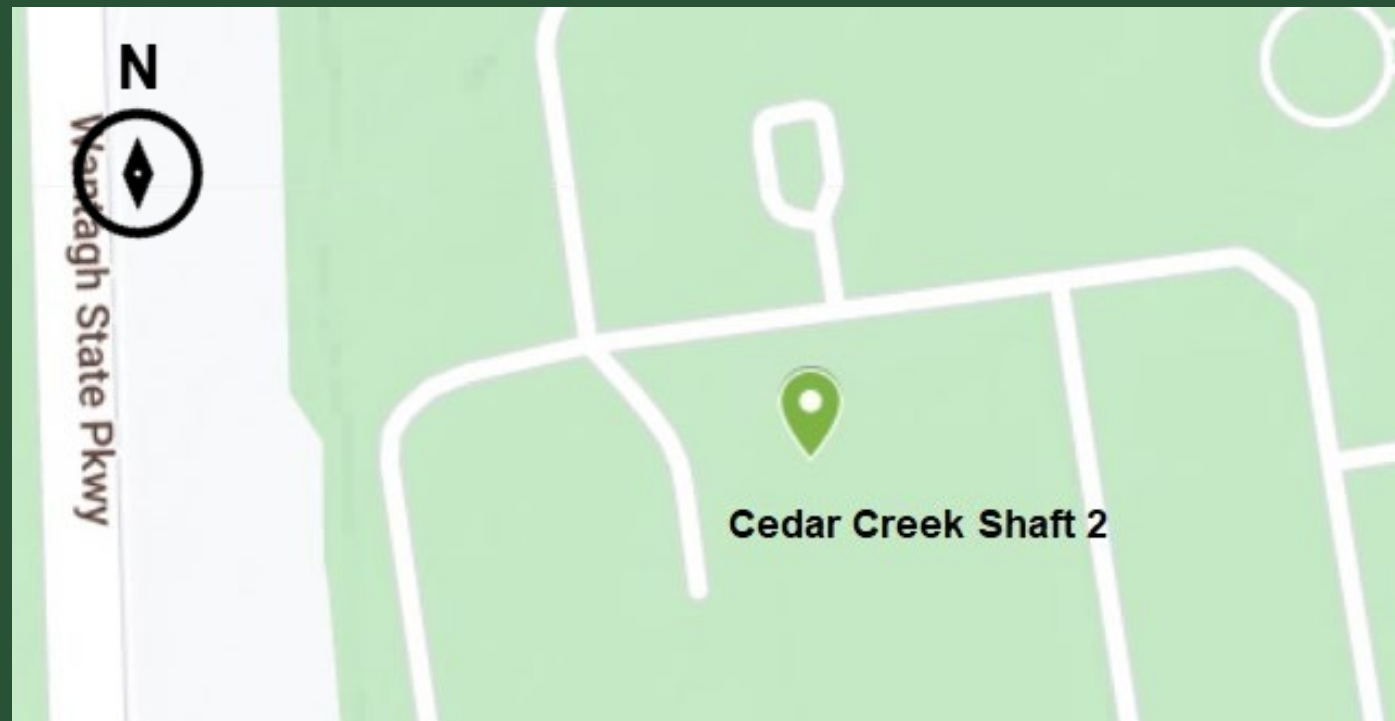
Mini Pile installation at CC1, April 2022



Shaft excavation at CC1, April 2022

CEDAR CREEK SHAFT 2 (CC2)

Location: Within the footprint of the Cedar Creek WPCP.



Wantagh

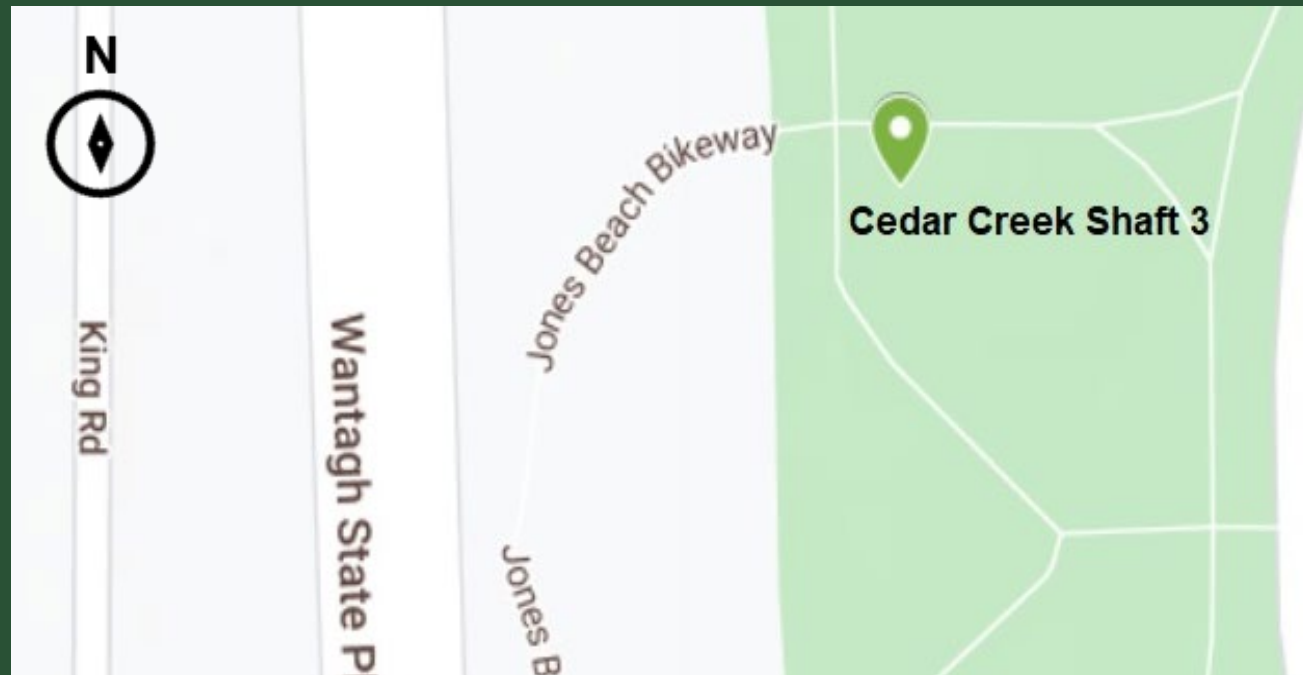
- Shaft excavation is complete.
- Shaft is being prepared for microtunneling.
- 2nd MTBM (P.O.S.E.I.D.O.N.) has been assembled in preparation for microtunneling.



Shaft at CC2, March 2022

CEDAR CREEK SHAFT 3 (CC3)

Location: Cedar Creek Park, near the entrance to the Wantagh State Parkway and Jones Beach Bike Path.



Wantagh

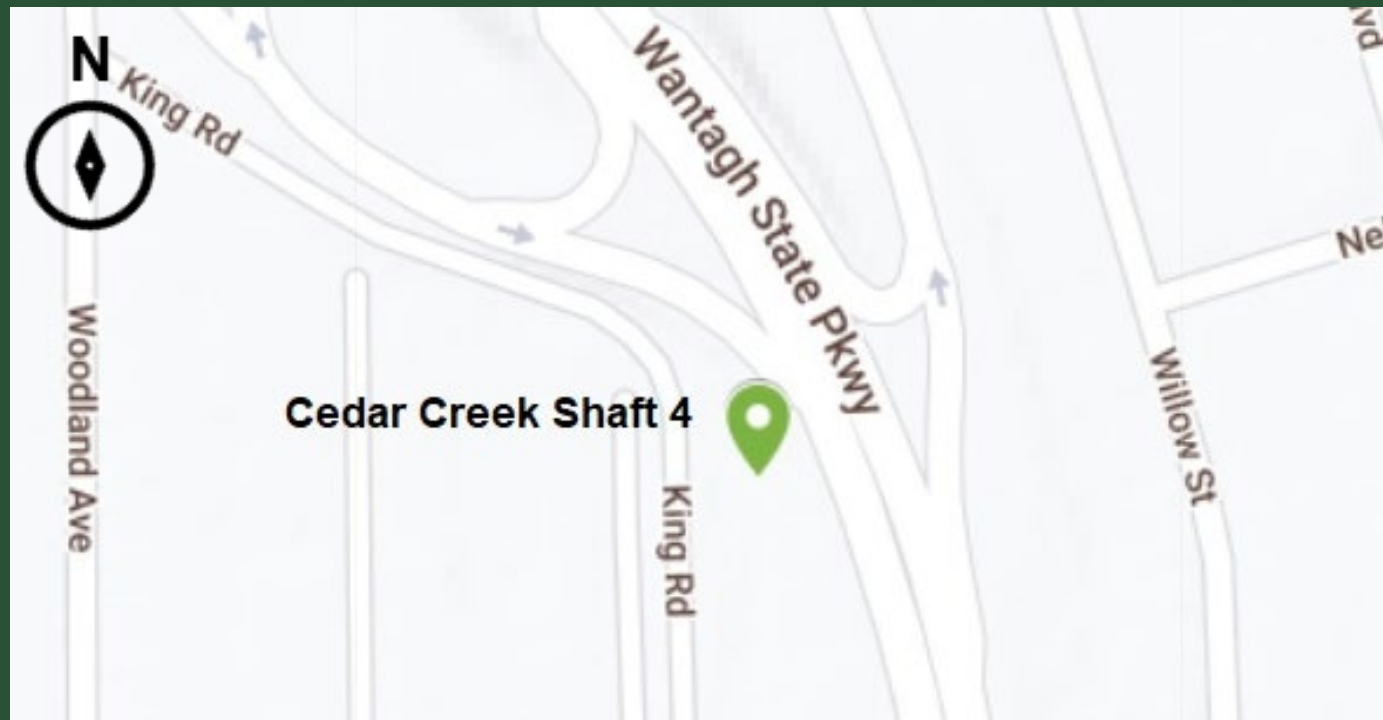
- Shaft excavation is complete.
- Shaft is being prepared for microtunneling.
- The Jones Beach Bike Path is expected to remain open throughout construction.
- The public should be mindful of construction vehicles as they enter and exit the park and follow signage and/or direction from flagging personnel in the area.



Guide Wall Installation at CC3, January 2022

CEDAR CREEK SHAFT 4 (CC4)

Location: Off King Road adjacent to
Wantagh Avenue/St. Regis Street.



Wantagh

- SOE and jet grout installation are complete.
- Installation of geotechnical monitoring devices is ongoing.



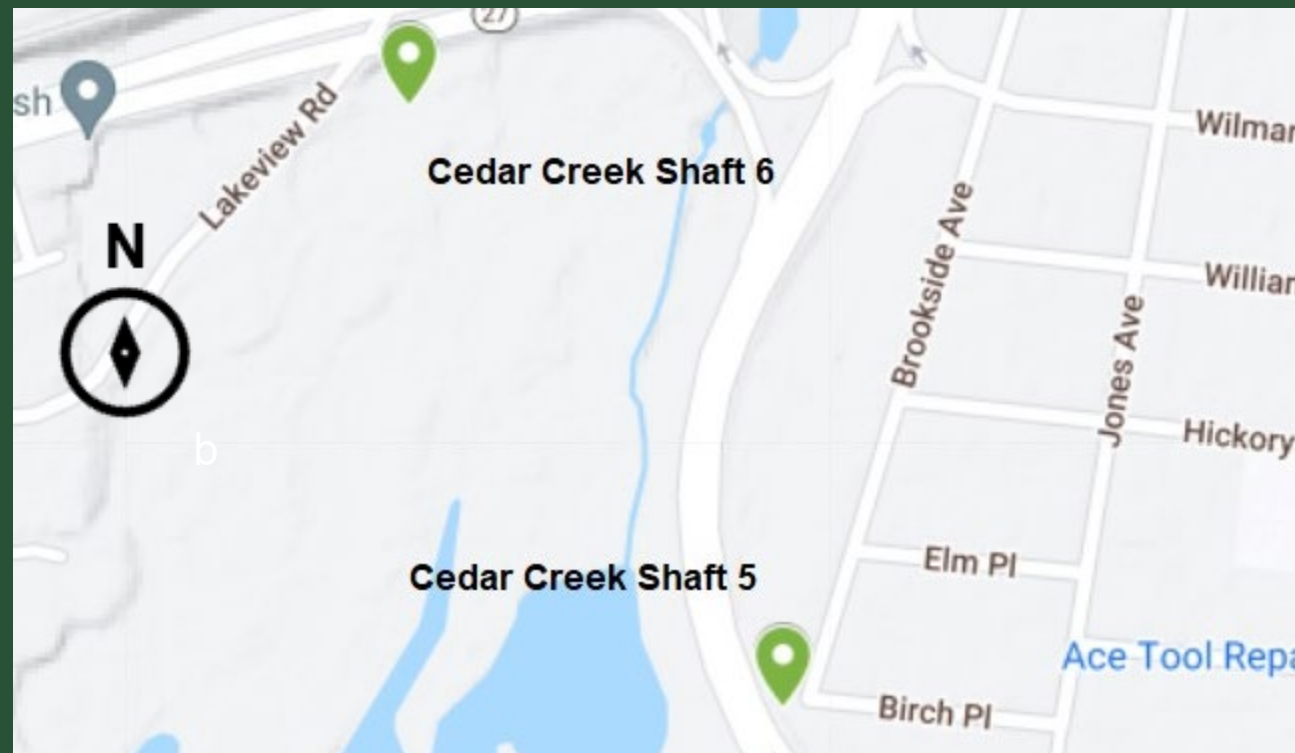
Construction site at CC4, April 2022

CEDAR CREEK SHAFTS 5 (CC5) AND 6 (CC6)

Locations:

CC5: At the intersection of Brookside Avenue and Linden Street, just west of the Wantagh State Parkway.

CC6: Off Lakeview Road, south of Sunrise Highway.



Wantagh

- At CC5, SOE is complete. Jet grout to follow.
- At CC6, sheeting installation is complete. Jet grout operation to begin following CC5.



Fencing at CC6, April 2022

PROTECTION OF TRAVELING PUBLIC AND WORK ZONES

- Work Zone Traffic Control and Maintenance and Protection of Traffic 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 notices are distributed to nearby residents and businesses as needed.



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.





SPOTLIGHT ON SAFETY & CONSTRUCTION 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.
- Emergency services briefed monthly including onsite visits to shaft/pit locations.
- Ongoing coordination with WBC safety to establish protocol for emergency situations.

COMMUNITY INFORMATION CENTER (CIC)

- The CIC, located at 265 Sunrise Highway, Rockville Centre is open.
- WBC offers 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.



STAKEHOLDER ENGAGEMENT



COMMUNITY OUTREACH PROGRAM



- Construction monthly look aheads and e-blasts.
- Door to door and digital canvassing notices.
- “Before You Go” Facebook campaign posted weekly.
- Quarterly public information sessions.
- Dedicated 24/7 project hotline, email, Facebook and website.
- “What’s Happening Here” signs at each work location.
- Attendance at community events.



CONTACT US

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

Email
BayParkConveyance@gmail.com

24/7 Project Hotline
(516) 252-6121

Website
www.BayParkConveyance.org

Facebook
[@BayParkConveyance](https://www.facebook.com/BayParkConveyance)



QUESTION AND ANSWER SESSION

THANK YOU!

