

ELECTED OFFICIALS AND
FIRST RESPONDERS
MONTHLY MEETING



**The Bay Park
Conveyance Project**
A Western Bays Resiliency Initiative

July 25, 2023



**Department of
Environmental
Conservation**



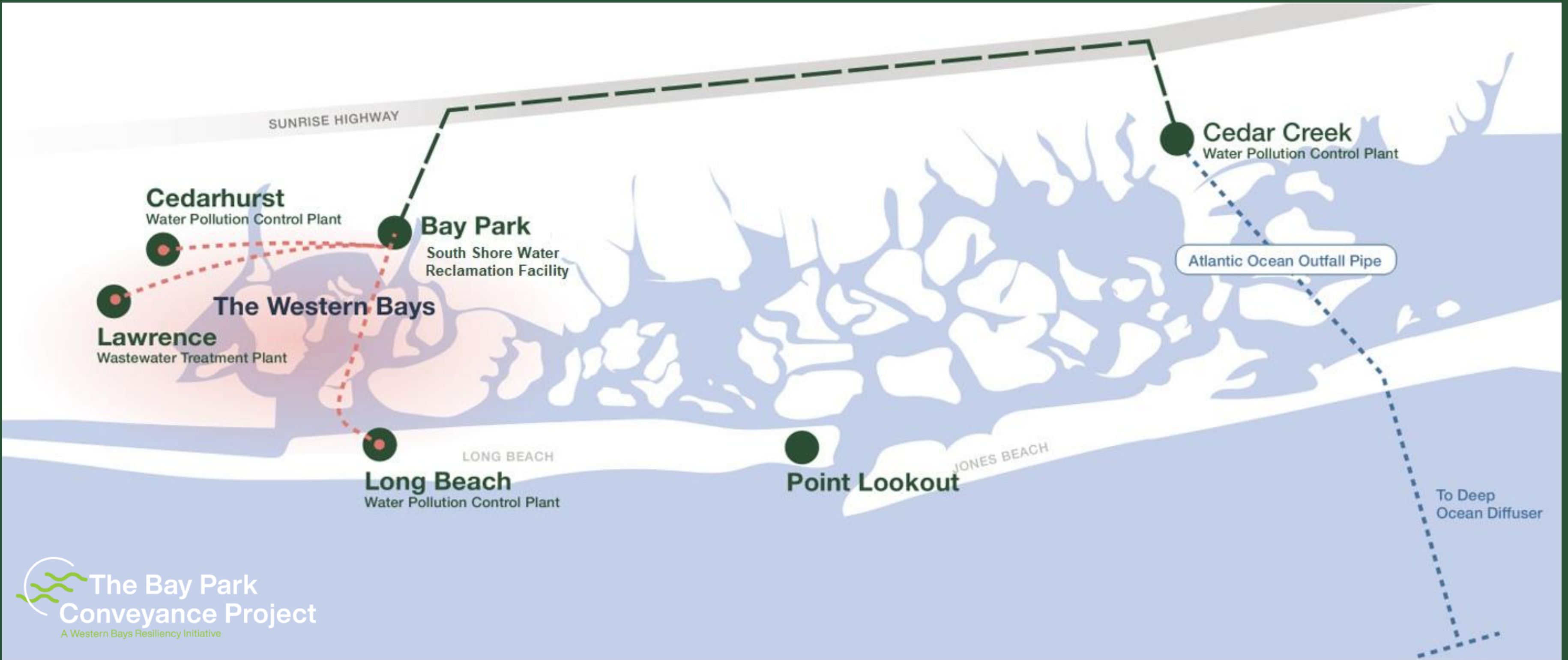


AGENDA

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

PROJECT BACKGROUND





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



-  Active Work Locations
-  Conveyance Pipe Installed to date (July 2023)

THE BAY PARK CONVEYANCE PROJECT OVERVIEW

CONSTRUCTION TECHNIQUES

- Microtunneling - 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.



CONSTRUCTION UPDATES



PROJECT BY THE NUMBERS

MICROTUNNELING PROGRESS BY THE NUMBERS

14/14

SHAFTS CONSTRUCTED



2

SHAFTS BACKFILLED



11,138

LINEAR FEET OF
MICROTUNNELING
COMPLETED



60%

OF MICROTUNNELING
COMPLETED



99%

OF DESIGN
COMPLETED



70%
OF OVERALL
CONSTRUCTION
COMPLETED



SLIPLINING PROGRESS BY THE NUMBERS

24/24

PITS CONSTRUCTED



10

PITS TEMPORARILY
RESTORED



37,920

LINEAR FEET OF
SLIPLINING
COMPLETED



99%

OF SLIPLINING
COMPLETED*



BAY PARK SHAFT 1 (BP1)

- Microtunneling is complete from BP1 to Bay Park Shaft 4.
- Crews are constructing a new pump station, wet well, and diversion structure.
- In August, crews will continue to construct the pump station floors and walls and install utilities, structural steel, and other supporting infrastructure.



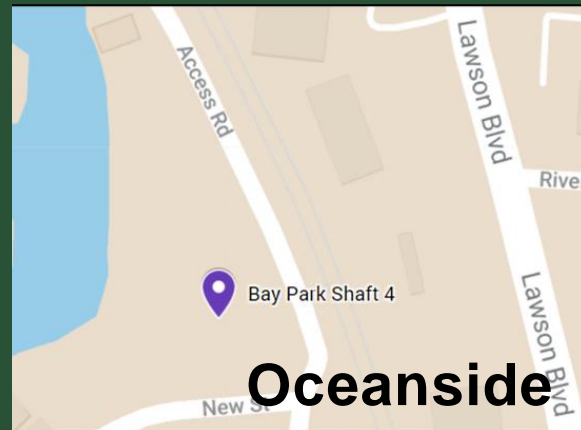
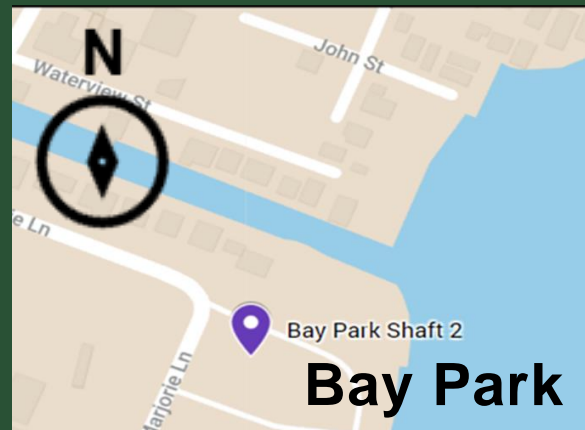
Location: Within the footprint of the South Shore Water Reclamation Facility at Bay Park



Pump Station Construction Near BP1 (July 2023)

BAY PARK SHAFTS 2 (BP2), 3 (BP3) AND 4 (BP4)

- Microtunneling from Bay Park Shaft 5 to BP4 is now complete.
- There will be a consistent presence of construction vehicles and crew in the area near BP4.
- Backfilling and restoration efforts will continue at BP2 and BP3.



Locations:

BP2: Within the boundaries of Nassau County's Bay Park, at the northeast corner of Marjorie Lane

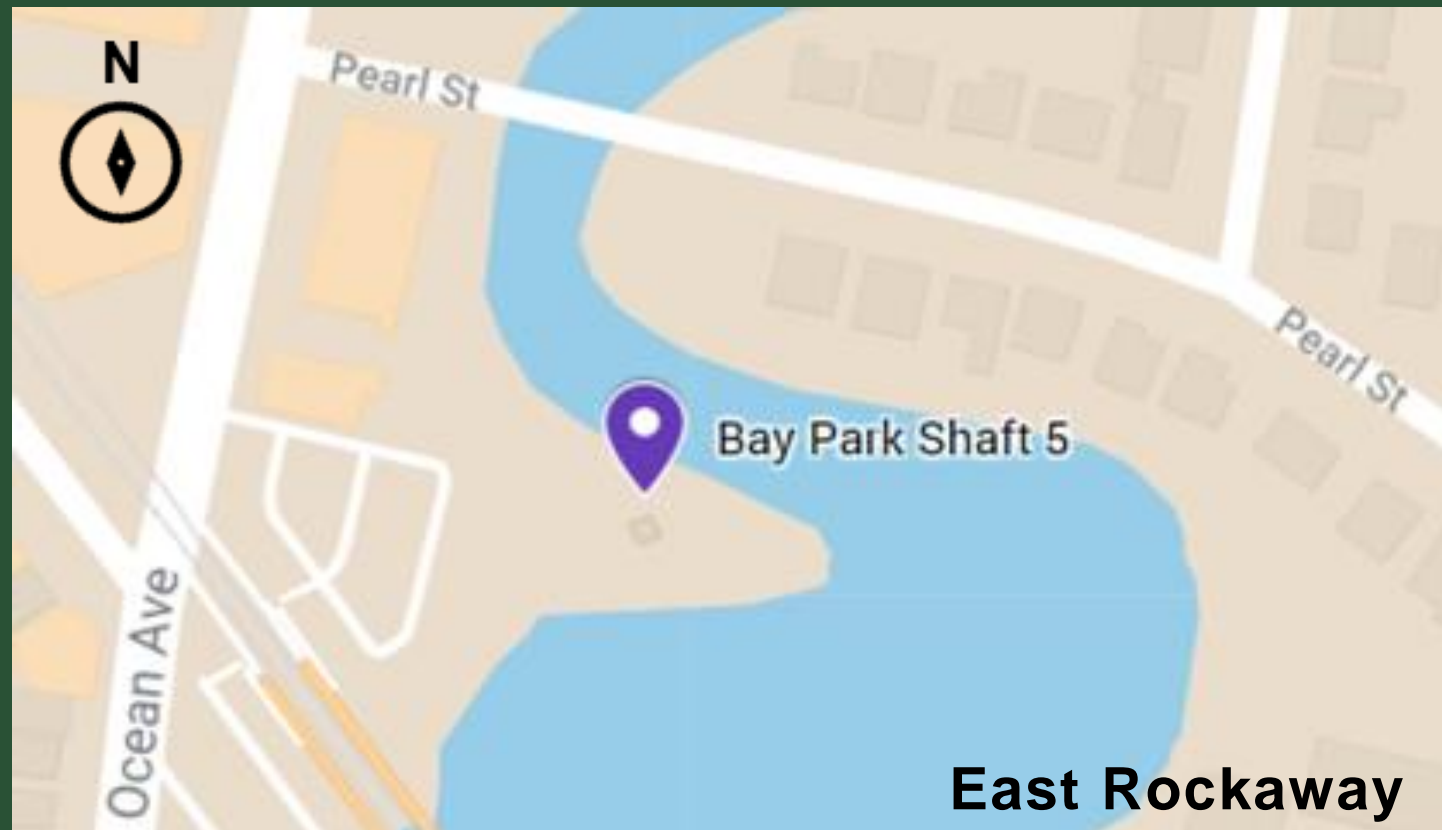
BP3: Private property off New Street in Oceanside

BP4: Private property off New Street in Oceanside



BAY PARK SHAFT 5 (BP5)

- Microtunneling at BP5 is now complete.
- Post microtunneling activities will continue through August.
- Oxbow Park will remain closed.
- Pipe will continue to be stored at Oxbow Park parking lot until approx. Q4 of 2023.



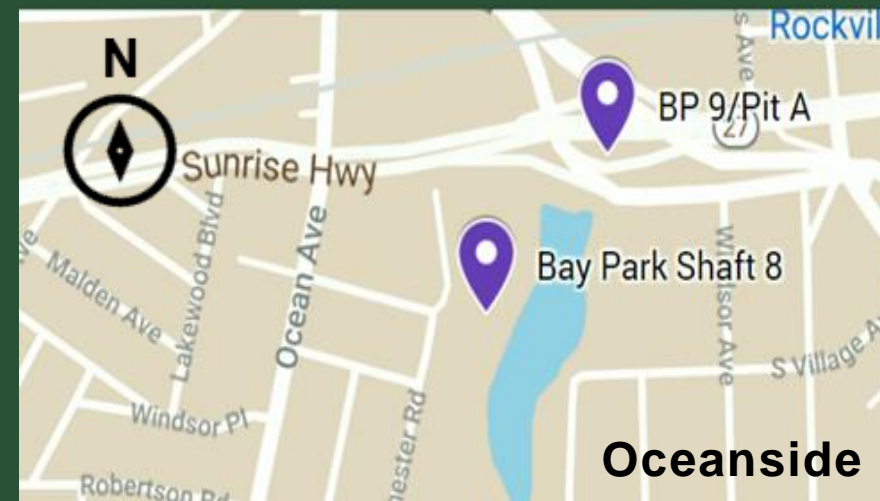
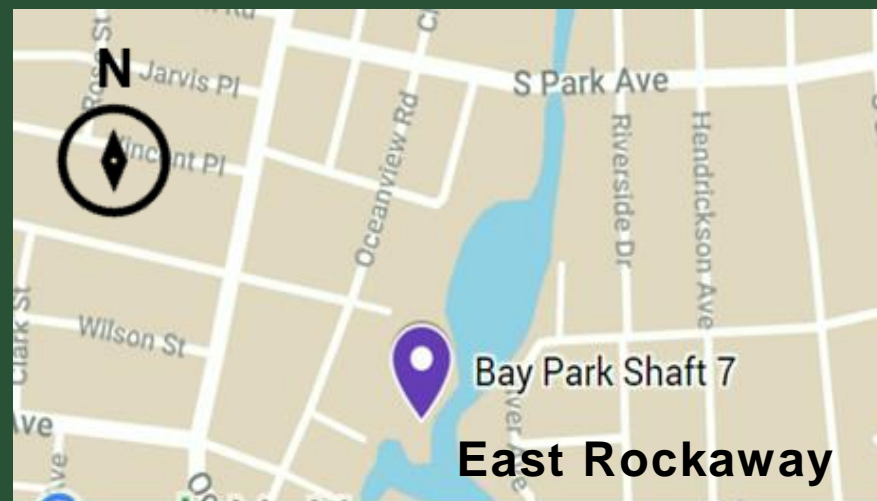
Location: East Rockaway Oxbow Park off Ocean Avenue near the East Rockaway LIRR Station



Microtunneling Activities at BP5 (July 2023)

BAY PARK SHAFTS 7 (BP7) AND 8 (BP8)

- Microtunneling is complete from BP5 to BP7.
- Post microtunneling activities at BP7 are underway.
- Crews continue to use the BP7 and BP8 sites for storage and laydown purposes.
- Excavation is complete at BP8.



Locations:

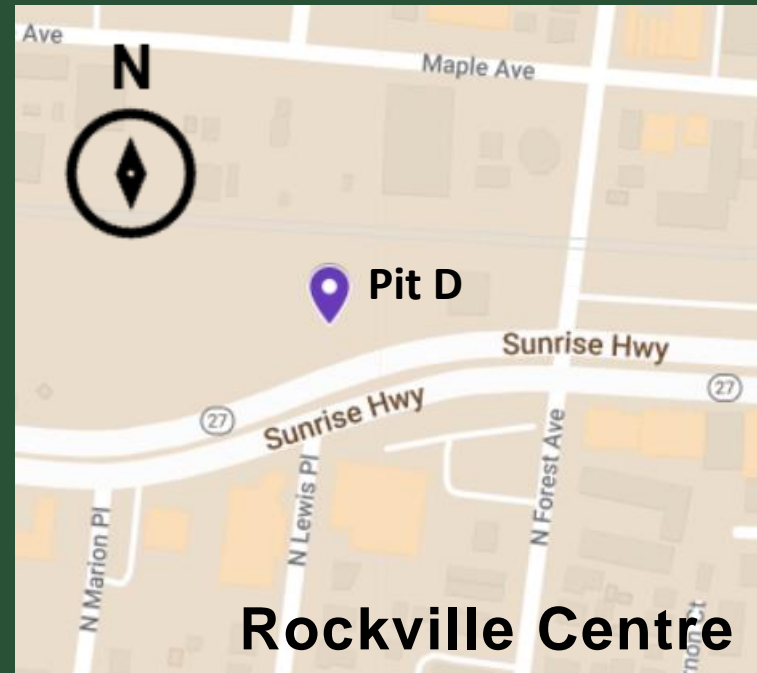
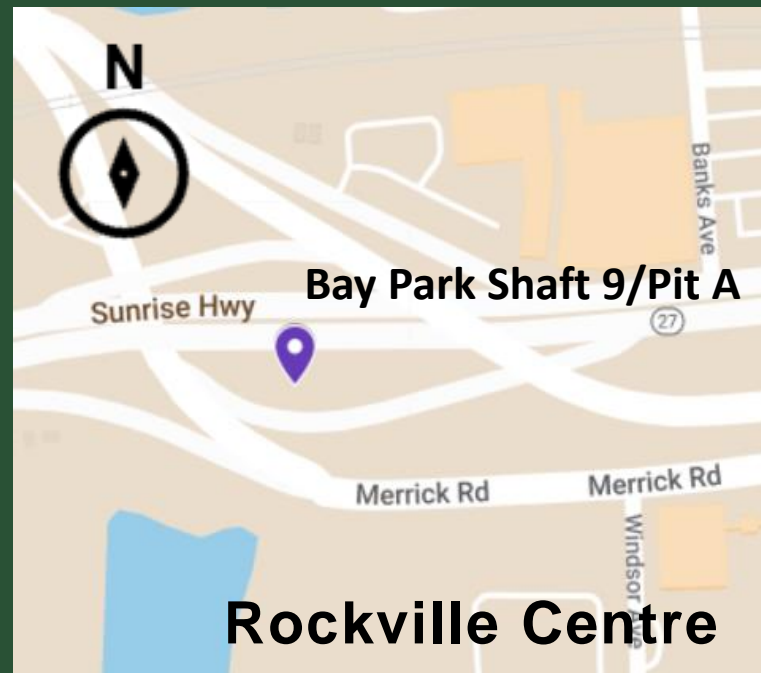
BP7: Rockville Centre Department of Public Works Yard off Mill River Avenue

BP8: Rockville Centre's Lister Field at the Mill River Complex Park



MTBM Breakthrough at BP7 (June 2023)

BAY PARK SHAFT 9/PIT A AND PIT D



Locations:

Bay Park Shaft 9 (BP9)/Pit A: A construction entrance has been established at Sunrise Highway/Merrick Road Interchange

Pit D: A construction entrance has been established at Joyce Field in Rockville Centre on the north side of Sunrise Highway

- In August, crews will excavate the shaft at BP9.
- The eastbound lane on the Merrick Road exit ramp on Sunrise Highway will have intermittent road closures.
- The site of Pit D will continue to be used for storage and laydown of materials.
- 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.



Construction Site at BP9 (January 2023)

SUNRISE HWY PITS E, F, FF, G, and GG

- Sliplining is complete along Sunrise Highway.
- Annular grouting activities are now complete between Pit A and Pit GG.
- Installation of a manhole will continue at Pit F.
- Final roadway restoration plans are underway.



Locations:

Pit E: South side of Sunrise Highway between N. Long Beach Road and Oceanside Road

Pit F: South side of Sunrise Highway east of Derby Road

Pit FF: South side of Sunrise Highway between Rockwood Avenue and Edna Court

Pit G: South side of Sunrise Highway west of Central Avenue

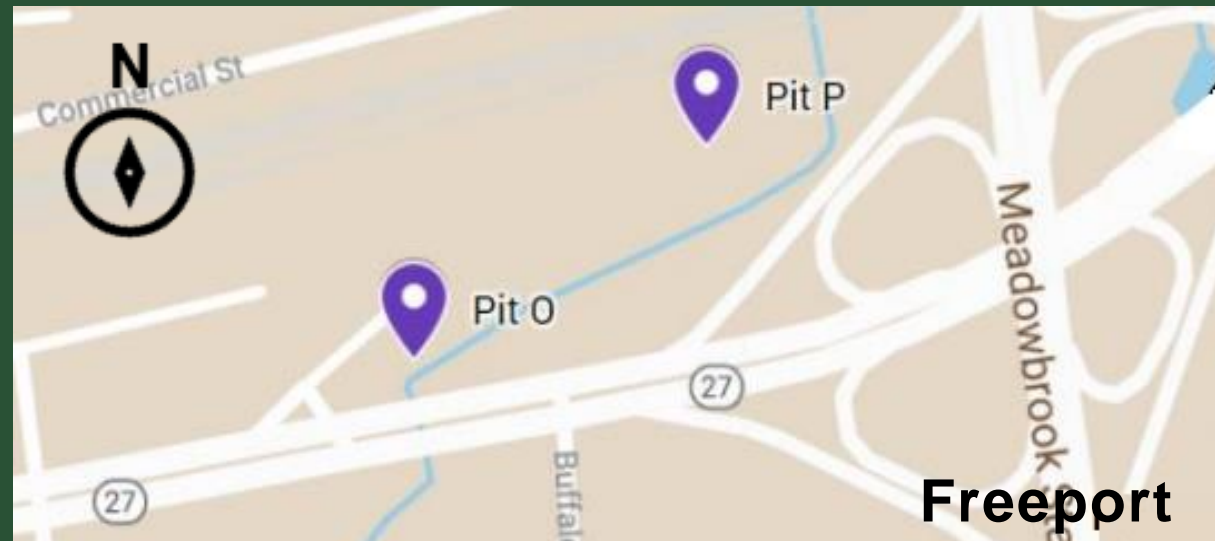
Pit GG: South side of Sunrise Highway east of Central Avenue



Pit E on Sunrise Highway (May 2023)

SUNRISE HWY PITS O AND P

- Hydrostatic testing of the new pipeline is complete from Pits O to W.
- WBC will continue to use the sites of Pits O and P for storage and laydown purposes.
- There will be a consistent presence of construction vehicles and crew in the area.



Locations:
Pits O and P: North side of Sunrise Highway
west of the Meadowbrook



Work at Pit O (May 2023)

SUNRISE HWY PIT W and CEDAR CREEK SHAFT 6 (CC6)

- Crews have completed a portion of the trench near Pit W under Sunrise Highway.
- SOE installation and soil excavation between Pit W and CC6 will continue throughout the month.
- A portion of Lakeview Road will remain closed temporarily to support this work. This closure will continue approx. 2-3 months.



Locations:

Pit W: South side of Sunrise Highway west of Lakeview Road

CC6: Off Lakeview Road south of Sunrise Highway



Construction at Pit W (July 2023)

SUNRISE HWY Roadway Restoration

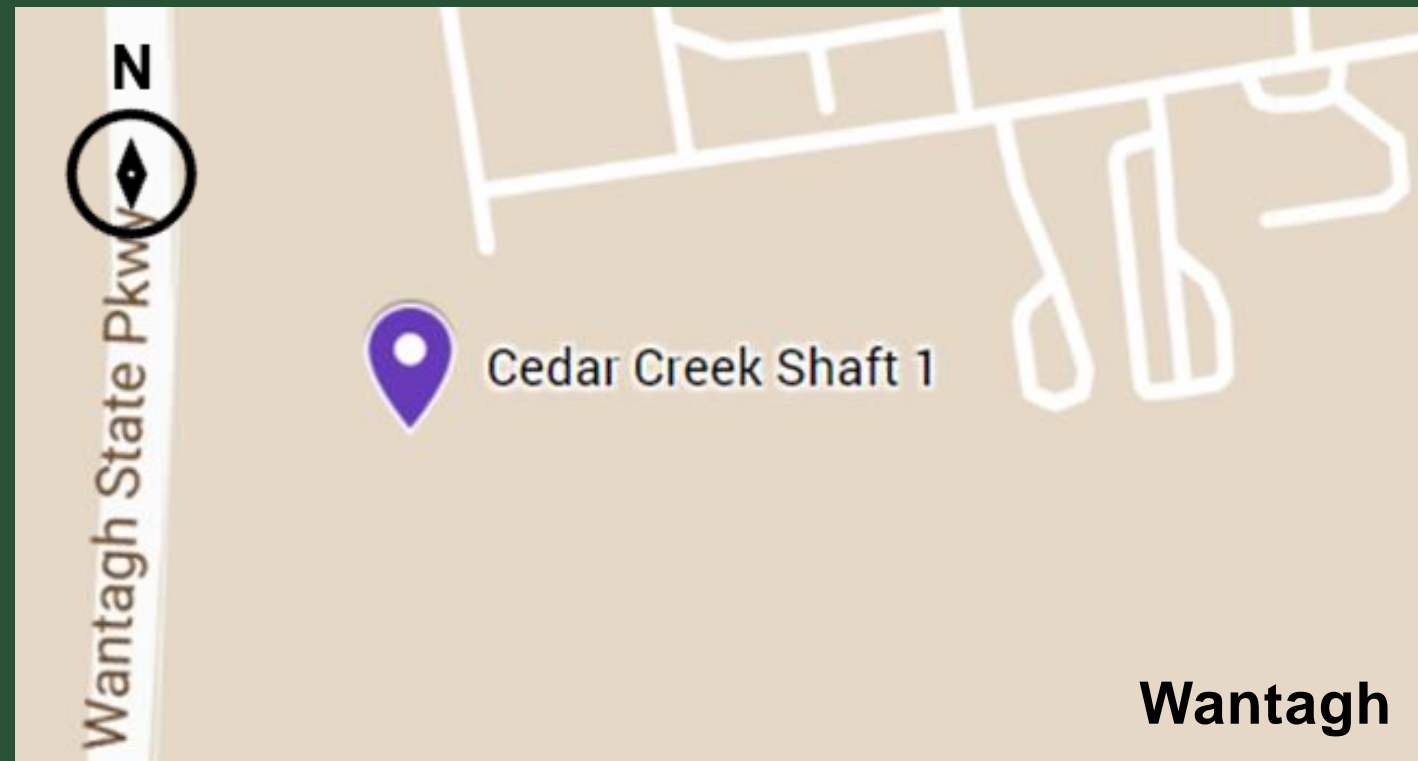
- WBC temporarily restored the roadway at **Pits B, H, L, N, Q, R, T, U, and V** where sliplining, annular grouting, and supporting activities are complete.
- Final roadway restoration is complete at **Pit K and Pit C**. Additional paving activities will be performed at a later date.



Pit R (April 2023)

CEDAR CREEK SHAFT 1 (CC1)

- Microtunneling and grouting are complete from CC1 to Cedar Creek Shaft 2.
- Crews continue work on the receiving tank structure including welding activities. SOE and excavation are complete for the wet tap area.
- Helical Pile installation will continue through August.
- Work at this location should have no noticeable impact to Cedar Creek Park users.



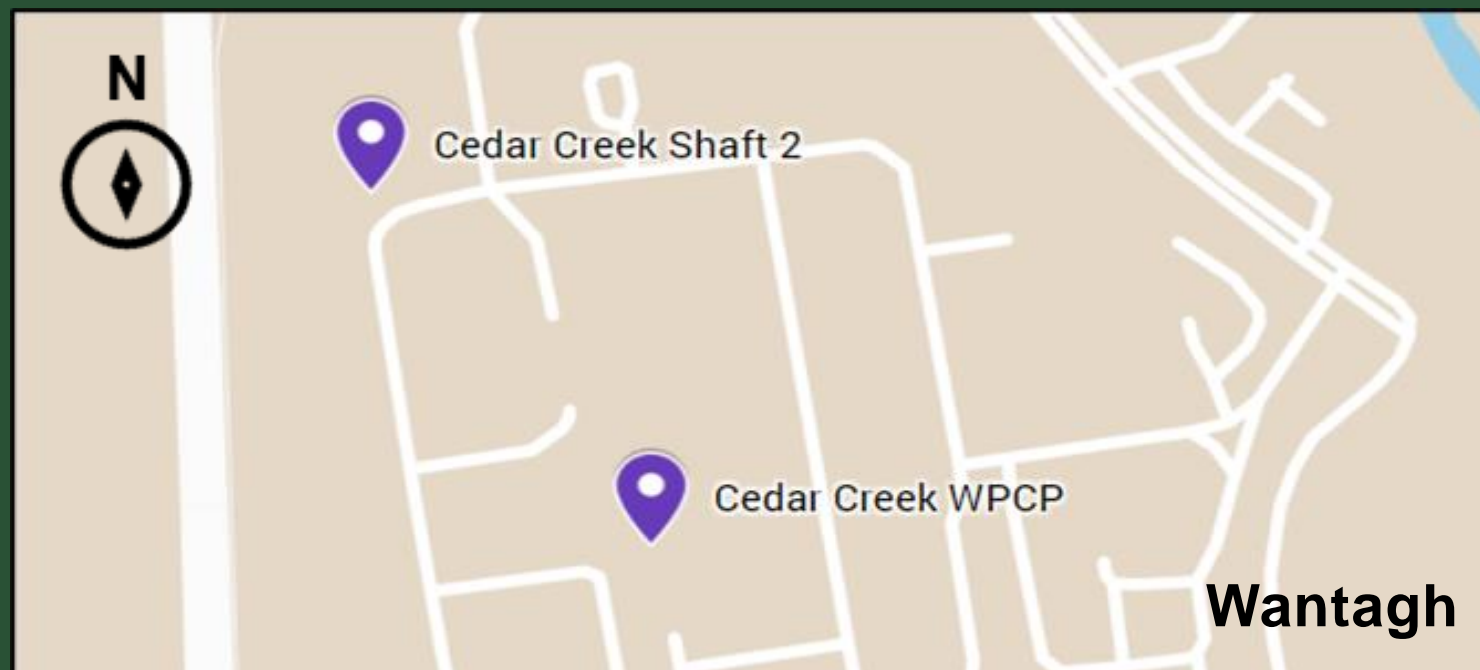
Location: Within footprint of the Cedar Creek WPCP



Helical Pile Installation near CC1 (May 2023)

CEDAR CREEK SHAFT 2 (CC2)

- Microtunneling is complete from CC2 to Cedar Creek Shaft 3.
- Crews installed a manhole at CC2 and are backfilling the shaft.
- Restoration activities will continue throughout the month.



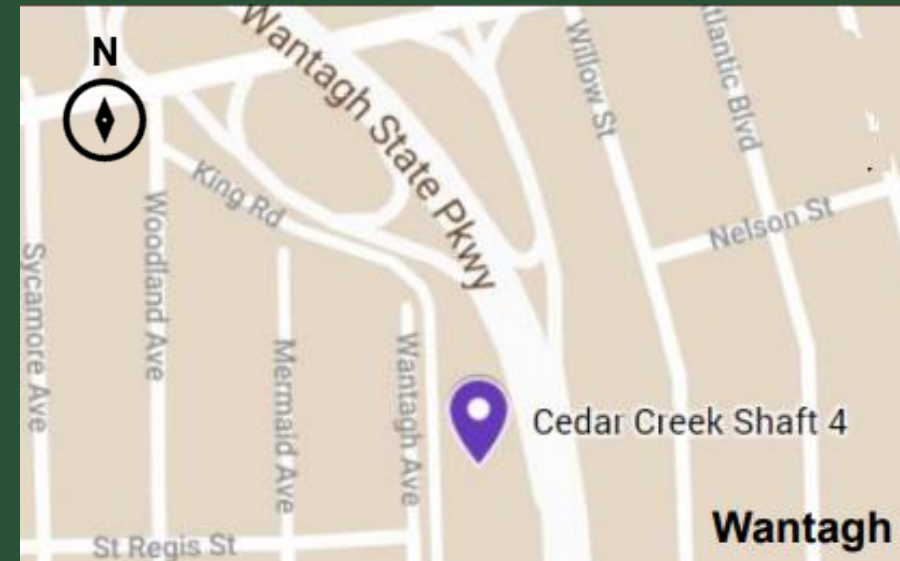
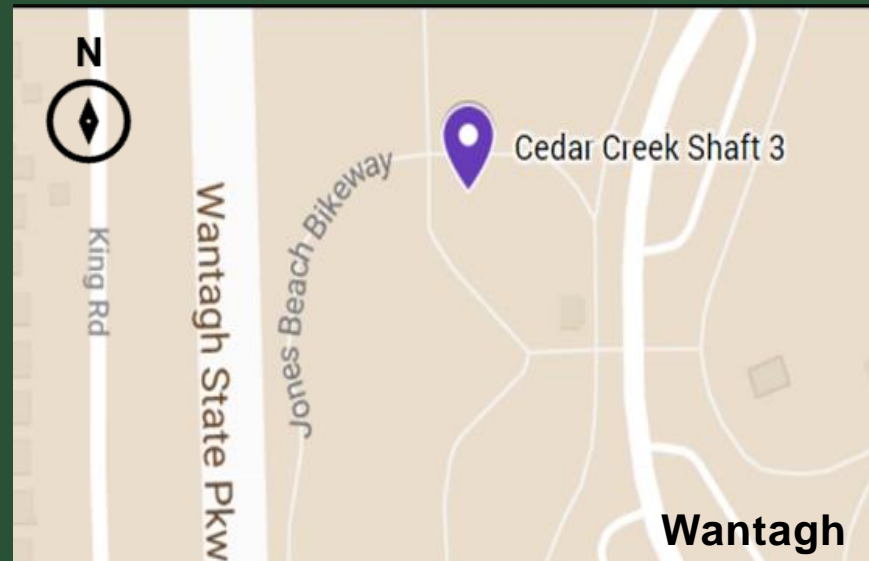
Location: Within the footprint of the Cedar Creek WPCP



Restoration Activities at CC2 (March 2023)

CEDAR CREEK SHAFTS 3 (CC3) AND 4 (CC4)

- CC3 will serve as a receiving shaft for microtunneling later this year.
- The Jones Beach Bike Path will remain open to the public throughout construction.
- Microtunneling is expected to commence at CC4 in August heading north to Cedar Creek Shaft 5.
- Pipe will continue to be stored directly adjacent to the CC4 site.



Locations:

CC3: Cedar Creek Park near the entrance to the Wantagh State Parkway and Jones Beach Bike Path

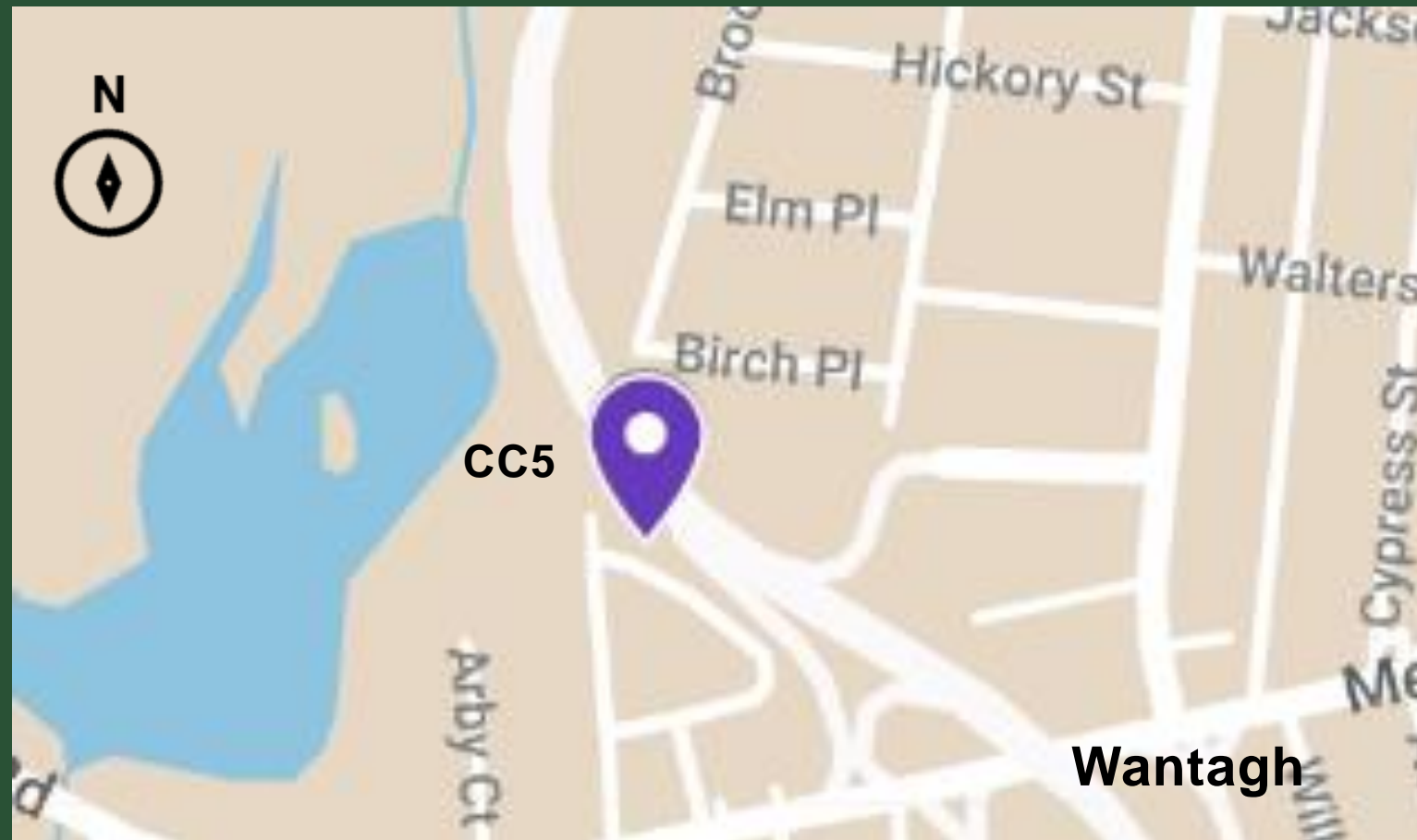
CC4: Off King Road adjacent to Wantagh Avenue/St. Regis Street



Pipe Storage near CC4 (July 2023)

CEDAR CREEK SHAFT 5 (CC5)

- Microtunneling from CC5 to CC6 is complete.
- CC5 will serve as a receiving shaft for microtunneling from CC4.
- There will be a continued presence of construction vehicles and crew in the area near CC5.



Location: At the intersection of Brookside Avenue and Linden Street just west of the Wantagh State Parkway



Grouting Activities at CC5 (April 2023)

PROTECTION OF TRAVELING PUBLIC AND WORK ZONES

- The Project team has deployed Work Zone Traffic Control and Maintenance and Protection of Traffic (MPT) signage to protect public safety and assist motorists and pedestrians around WBC work areas.
- Variable Message Signage boards are deployed in advance of lane closures.
- Weekly “Before You Go” Facebook posts highlight lane closures for the week ahead.
- The Project team distributes canvassing notices to nearby residents and businesses, as needed.



TREE REMOVAL AND RESTORATION

- Limited removal of vegetation and trees facilitates construction across the Project alignment.
- NYSDEC and NCDPW are committed to – at a minimum – replacing trees removed during construction.
- Tree restoration plan and schedule for replanting are being developed.





SPOTLIGHT ON SAFETY & CONSTRUCTION TIDINESS

- All work pits and shafts are 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.

STAKEHOLDER ENGAGEMENT



COMMUNITY INFORMATION CENTER (CIC)

- The CIC, located at 265 Sunrise Highway in Rockville Centre, is open by appointment.
- WBC offers in-person and virtual meetings from the CIC.
- Contact us to schedule a meeting.



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 Newsletters and 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

Email

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24/7 Project Hotline

(516) 252-6121

Website

www.BayParkConveyance.org

Community Information Center

265 Sunrise Highway

Rockville Centre, New York 11570

*Open by appointment

Facebook

@BayParkConveyance

QUESTION AND ANSWER SESSION



THANK YOU!

