

ELECTED OFFICIALS AND FIRST RESPONDERS MONTHLY MEETING



The Bay Park Conveyance Project

A Western Bays Resiliency Initiative

August 29, 2023



WESTERN BAYS CONSTRUCTORS
PICONE | NORTHEAST REMSCO



**Department of
Environmental
Conservation**



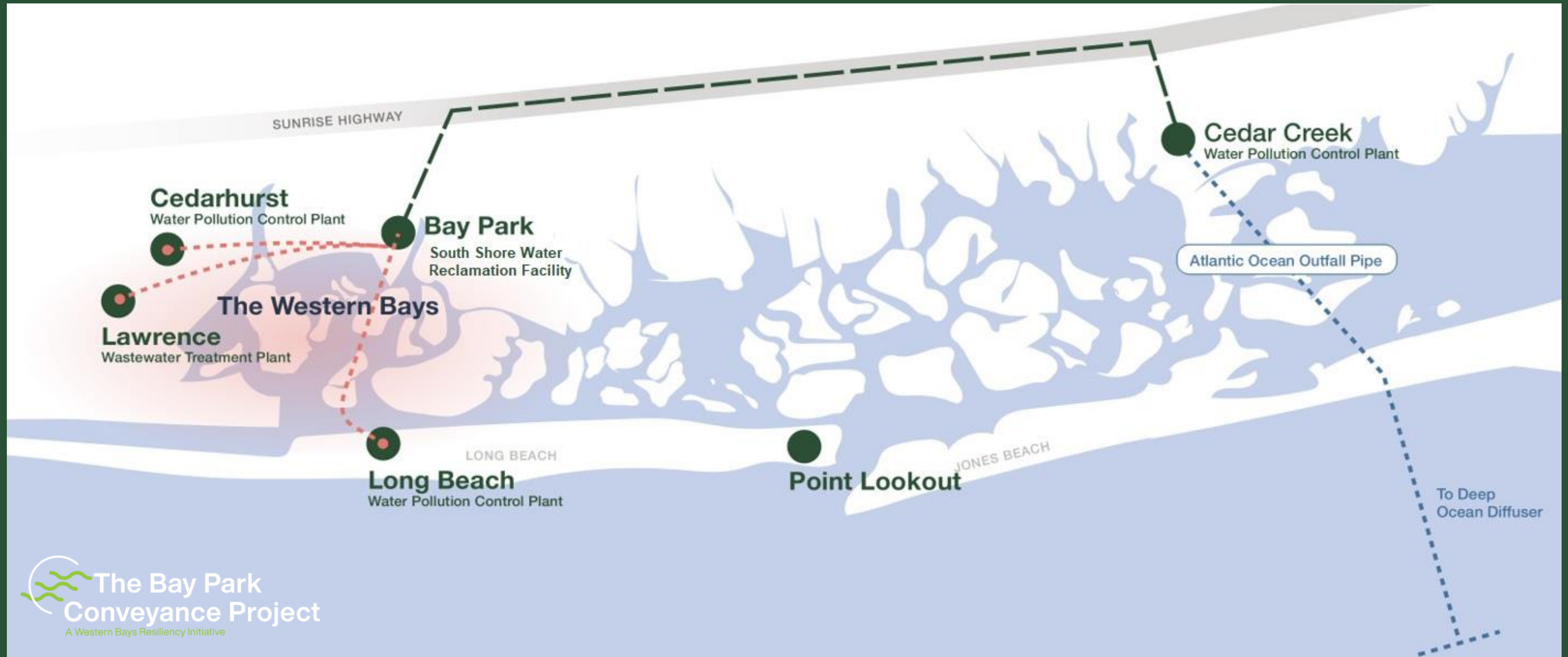


AGENDA

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



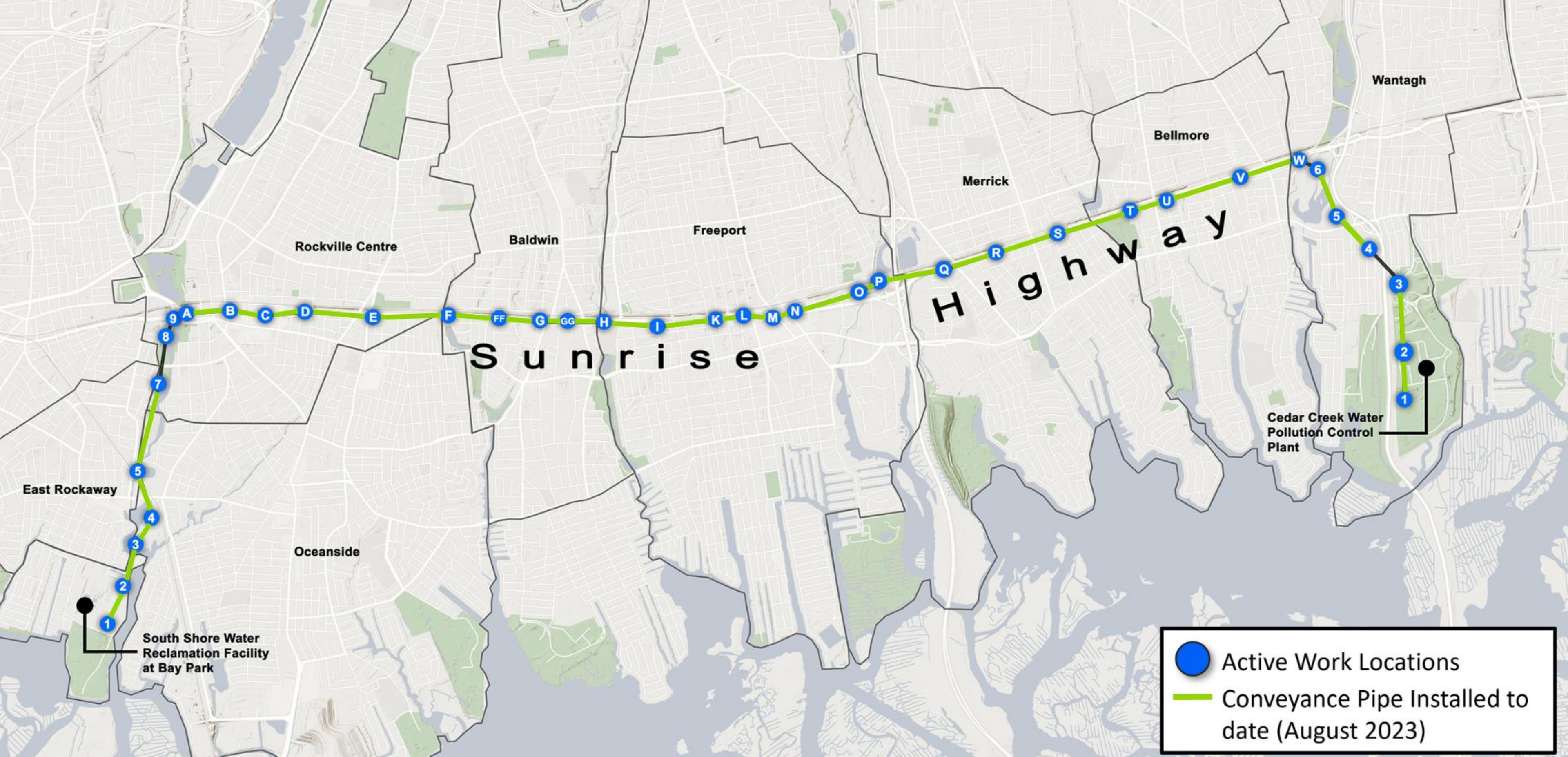
QUALITY OF LIFE FACTORS

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



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



13,901

LINEAR FEET OF
MICROTUNNELING
COMPLETED



75%
OF MICROTUNNELING
COMPLETED



99%

OF DESIGN
COMPLETED



75%
OF OVERALL
CONSTRUCTION
COMPLETED



SLIPLINING PROGRESS BY THE NUMBERS

24/24

PITS CONSTRUCTED



7

PITS UNDER
RESTORATION



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 7.
- Crews are constructing a new pump station, wet well, and diversion structure.
- In September, crews will continue to construct the pump station floors and walls and install utilities, structural steel, roofing and other supporting infrastructure.

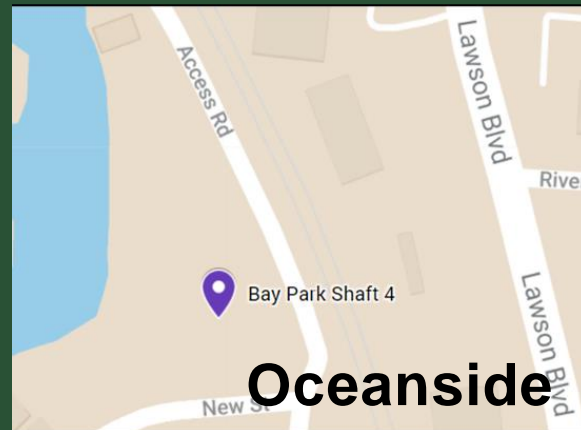
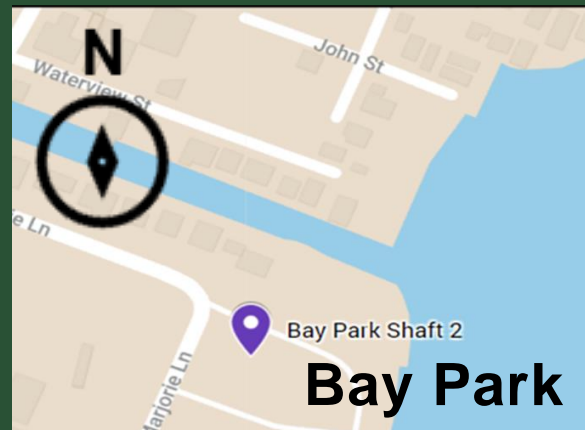


Location: Within the footprint of the South Shore Water Reclamation Facility at Bay Park



Pump Station Construction Near BP1 (July 2023)

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



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

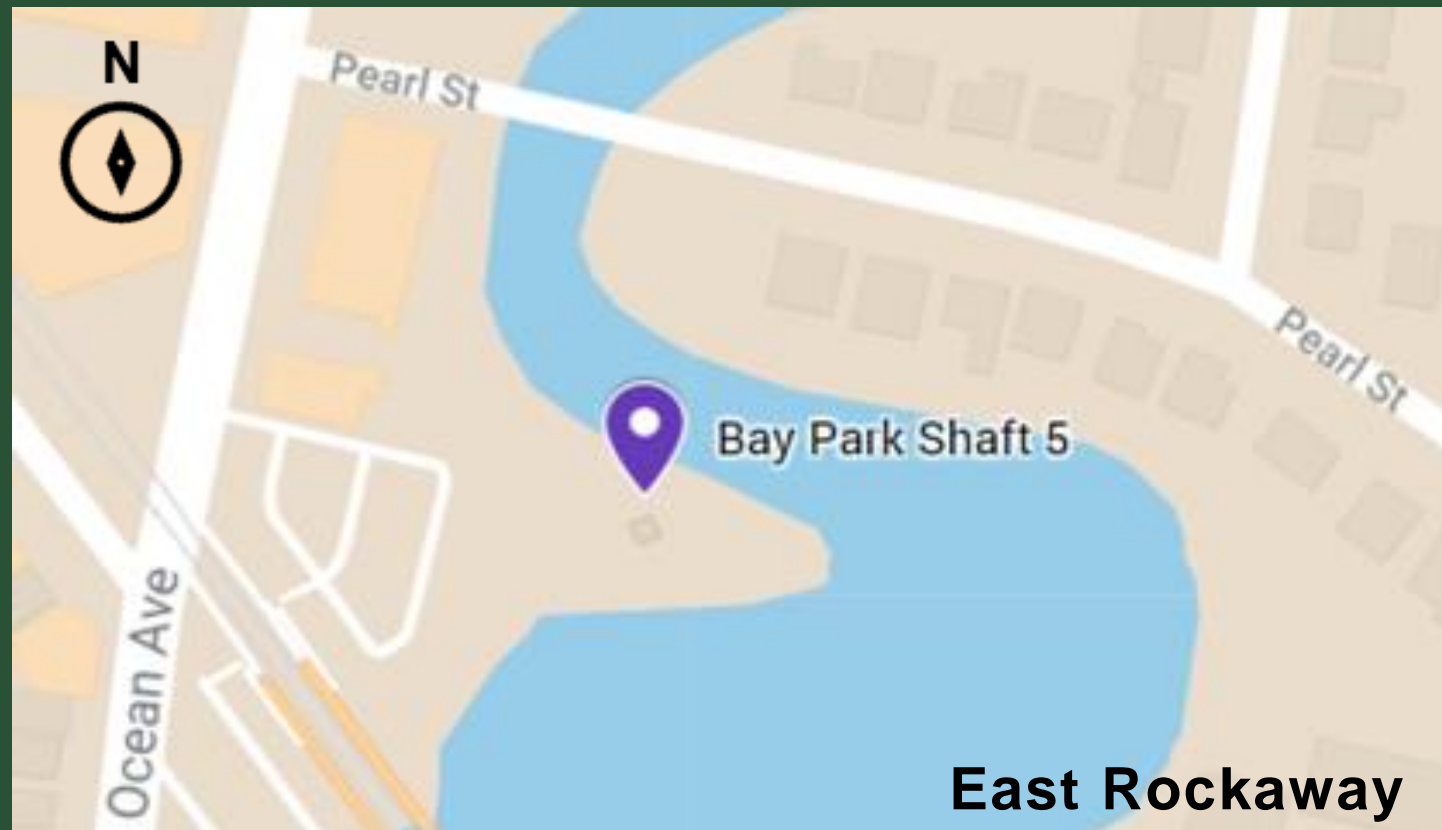
- In July, crews completed microtunneling from Bay Park Shaft 5 to BP4.
- Post microtunneling activities are underway at BP4.
- Backfilling and restoration efforts will continue at BP2 and BP3.



BP3 Restoration Activities (July 2023)

BAY PARK SHAFT 5 (BP5)

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



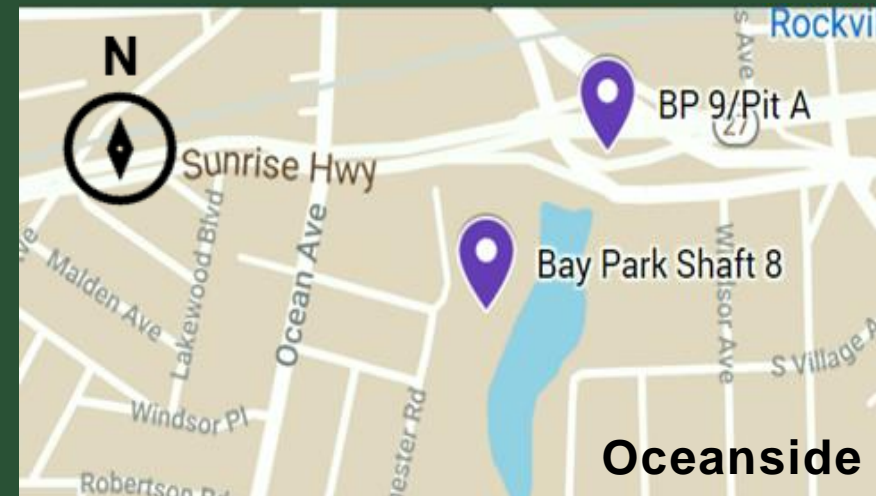
Location: East Rockaway Oxbow Park off Ocean Avenue near the East Rockaway LIRR Station



Post Microtunneling Activities at BP5 (July 2023)

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

- Activities are underway at BP8 to prepare for microtunneling.
- In September, “MARSH-MELLOW” will microtunnel from BP8 to Bay Park Shaft 9 (BP9).
- Crews continue to use the sites of BP7 and BP8 for storage and laydown purposes.



Locations:

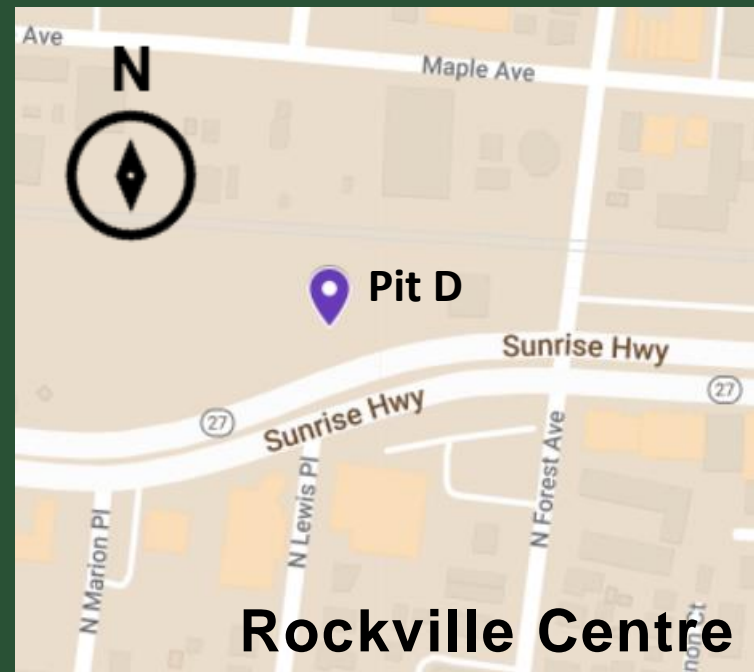
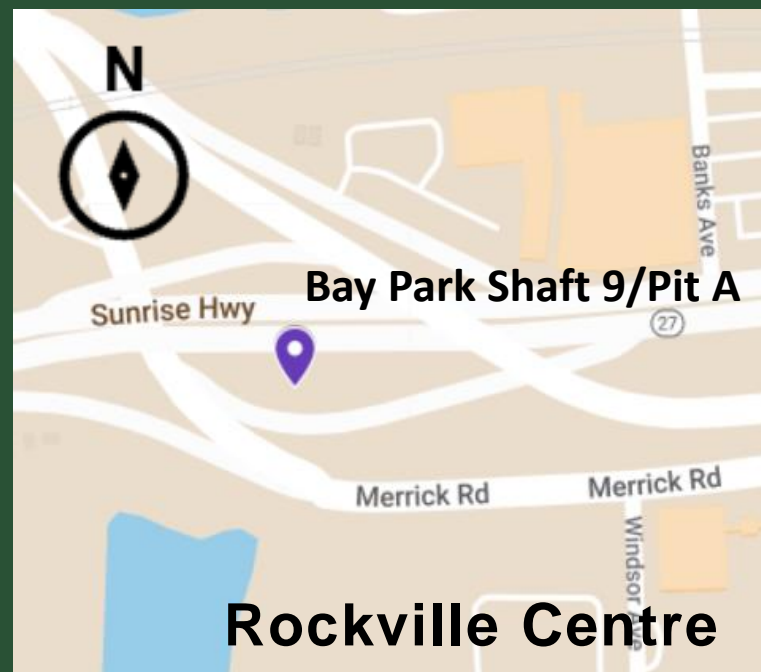
BP7: Rockville Centre Department of Public Works Yard off Mill River Avenue

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



Concrete Liner Wall Construction at BP8 (July 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 September, BP9 will serve as a receiving shaft.
- The eastbound lane on the Merrick Road exit ramp on Sunrise Highway will have intermittent road closures to support construction.
- 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 Pit A (*January 2023*)

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



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

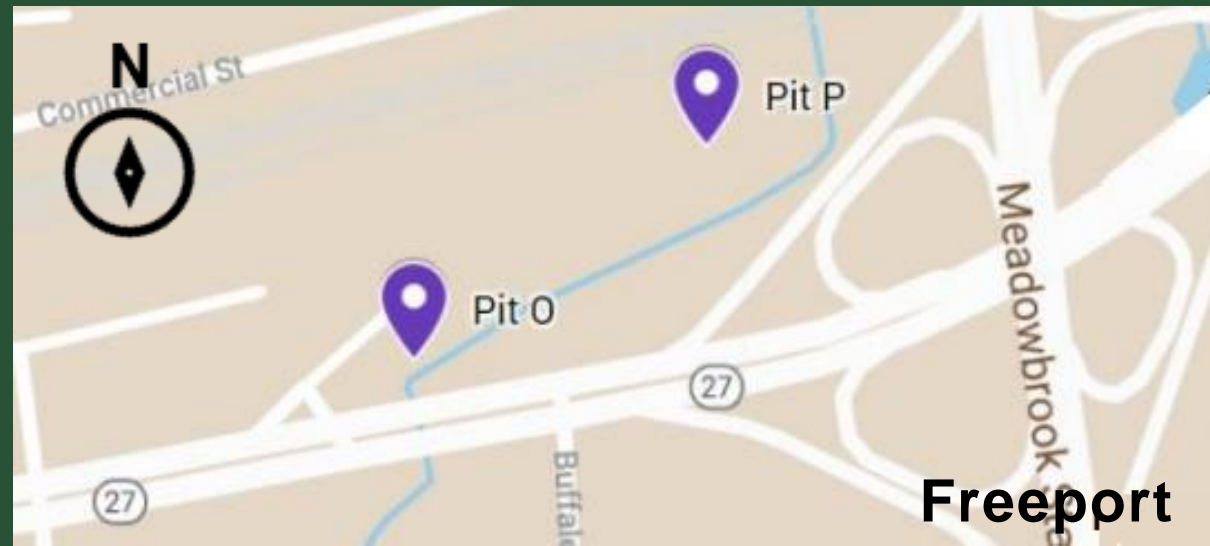
- Sliplining and grouting are complete along Sunrise Highway.
- Installation of manholes will continue at Pits E and F.
- Final roadway restoration has begun at these Pits. Additional surface paving will be performed.



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 are constructing a trench between Pit W and CC6.
- SOE installation and soil excavation will continue throughout the month.
- A portion of Lakeview Road will remain closed 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

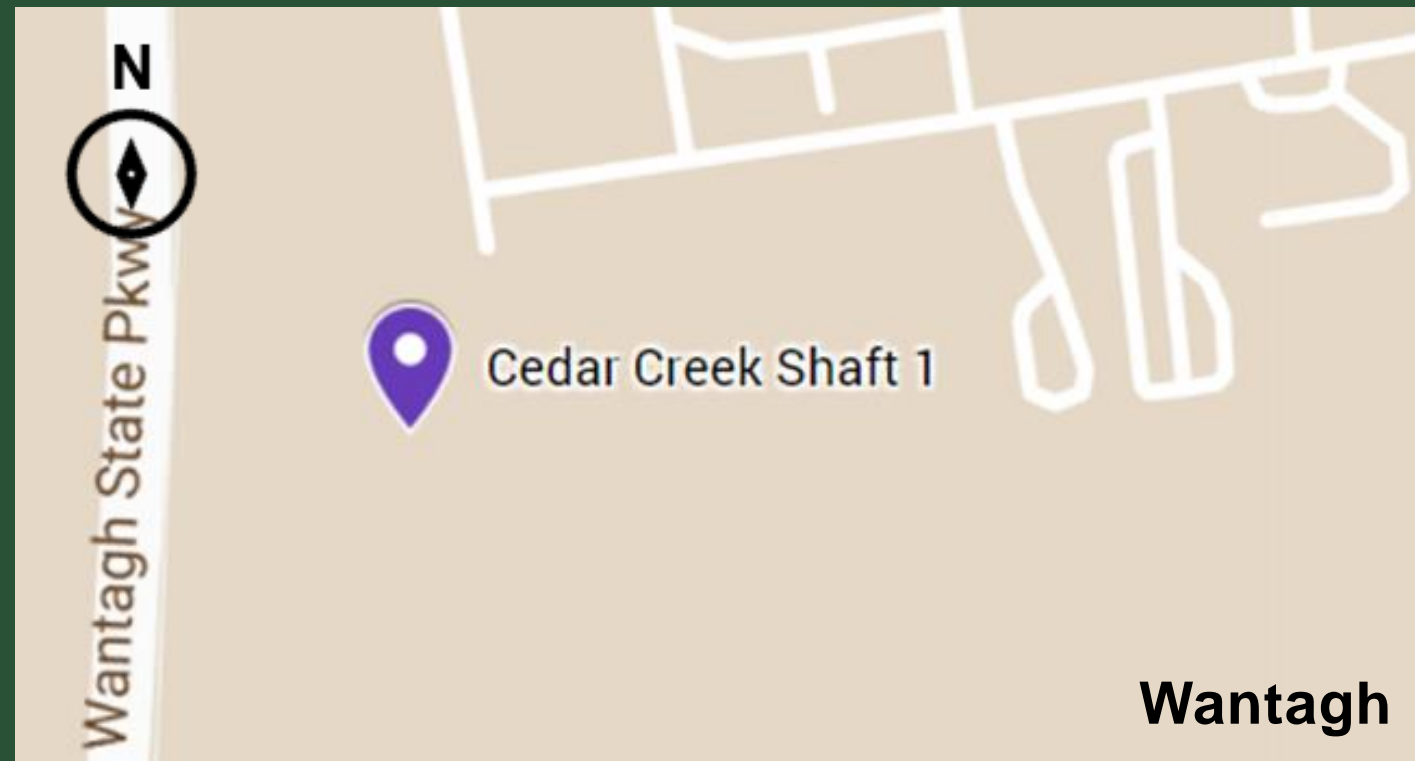
- WBC temporarily restored the roadway at **Pits B, E, L, N, Q, R, T, U, and V** where sliplining, annular grouting, and supporting activities are complete.
- Final roadway restoration is underway at **Pits C, E, F, G, GG, H, and K**. Additional surface paving activities will be performed at a later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



Pit R (April 2023)

CEDAR CREEK SHAFT 1 (CC1)

- Microtunneling and grouting are complete from CC1 to Cedar Creek Shaft 3.
- Crews continue work on the receiving tank structure including welding activities. SOE and excavation are complete for the wet tap area.
- Helical Pile installation is complete.
- Work at this location should have no noticeable impact to Cedar Creek Park users.



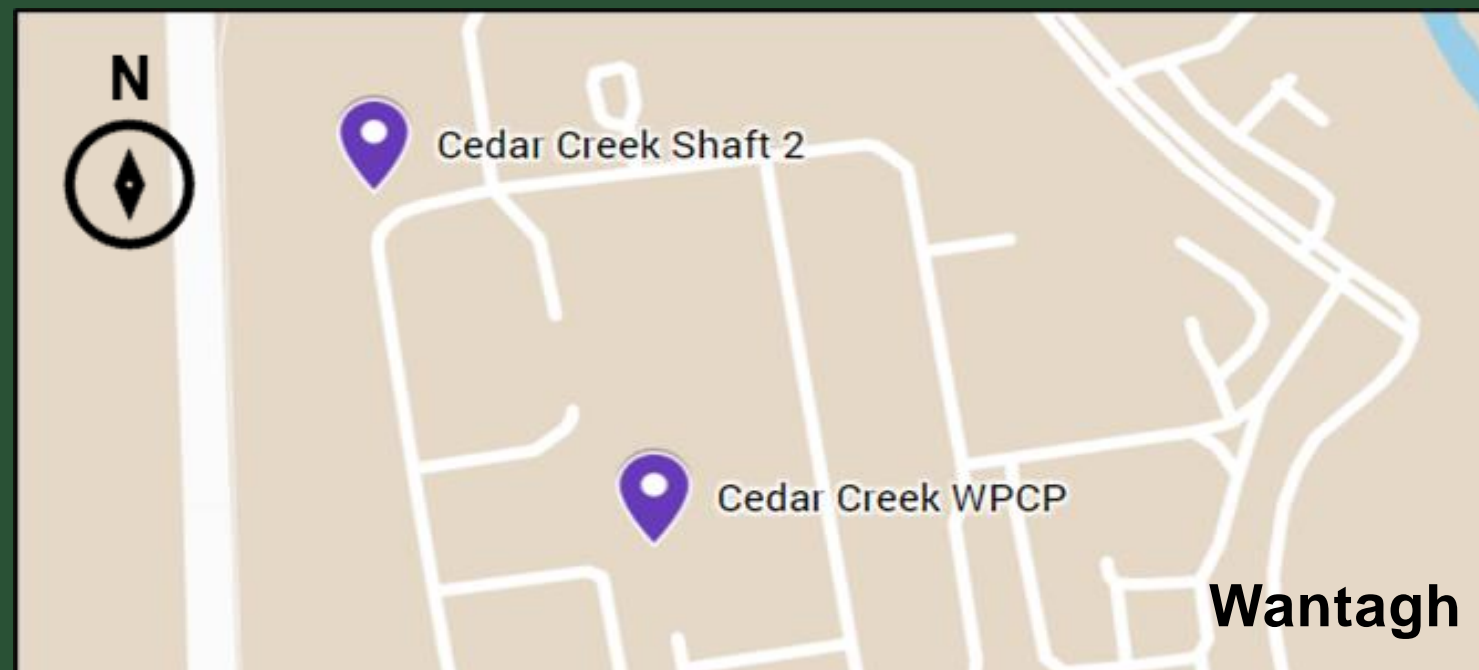
Location: Within footprint of the Cedar Creek WPCP



Construction at the Receiving Tank Structure (July 2023)

CEDAR CREEK SHAFT 2 (CC2)

- Crews installed a manhole at CC2 and are backfilling the shaft.
- Restoration activities will continue throughout the month.



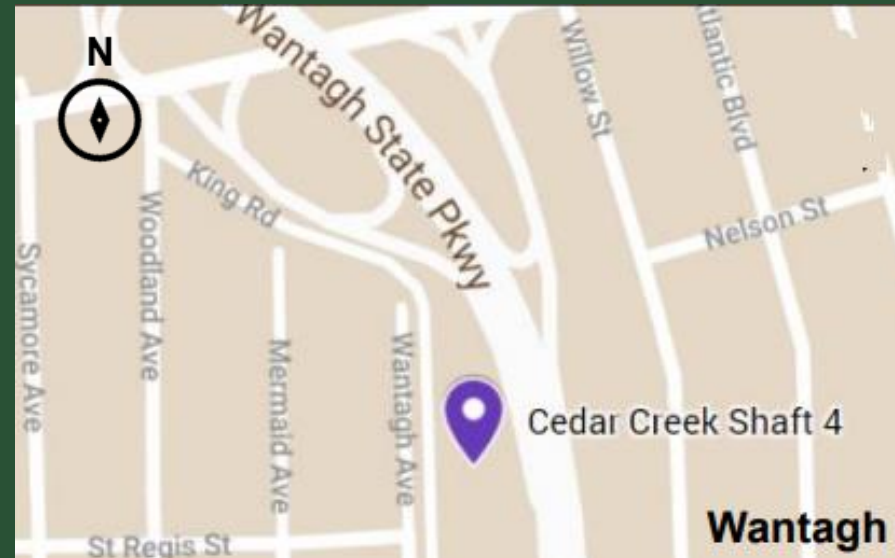
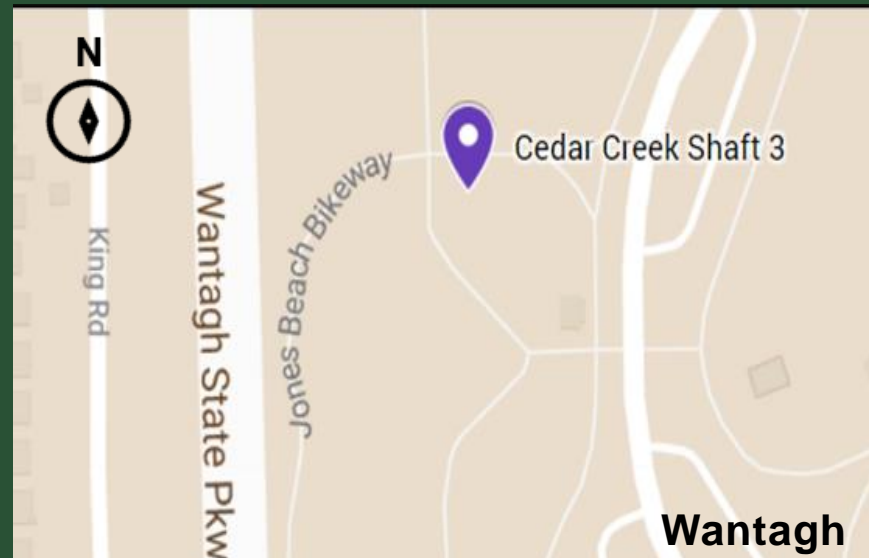
Location: Within the footprint of the Cedar Creek WPCP



Construction at CC2 (July 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.
- “P.O.S.E.I.D.O.N” successfully arrived at Cedar Creek Shaft 5 from CC4.
- 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



Microtunneling at CC4 (August 2023)

CEDAR CREEK SHAFT 5 (CC5)

- Microtunneling from CC4 to CC6 is complete.
- Post microtunneling activities are underway including grouting.
- There will be a continued presence of construction vehicles and crew in the area.



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. Plans will be posted to the Project's website.

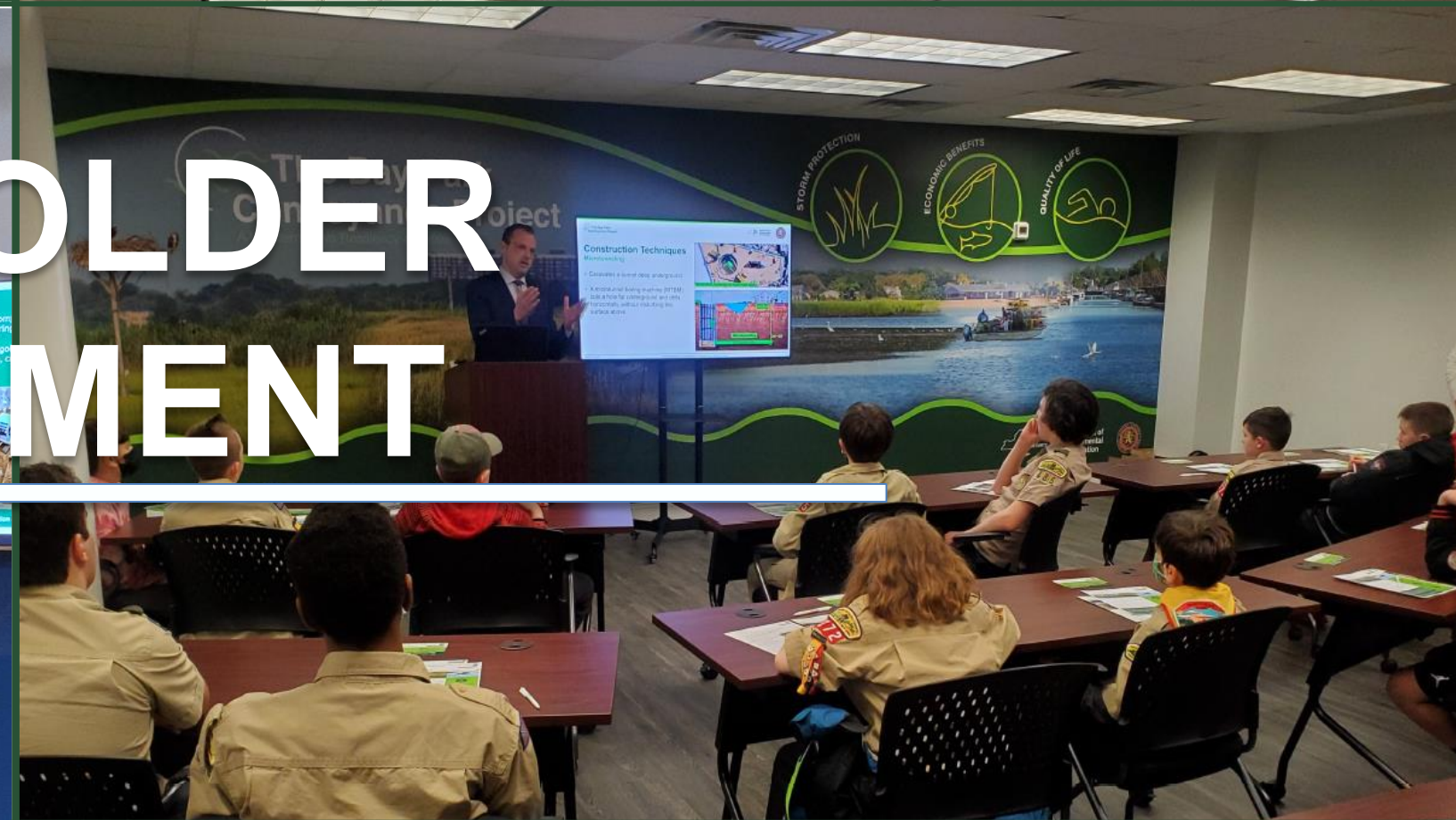




SPOTLIGHT ON SAFETY & CONSTRUCTION TIDINESS

- 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

BayParkConveyance@gmail.com

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!

