

ELECTED OFFICIALS AND
FIRST RESPONDERS
MONTHLY MEETING



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

September 26, 2023



**Department of
Environmental
Conservation**



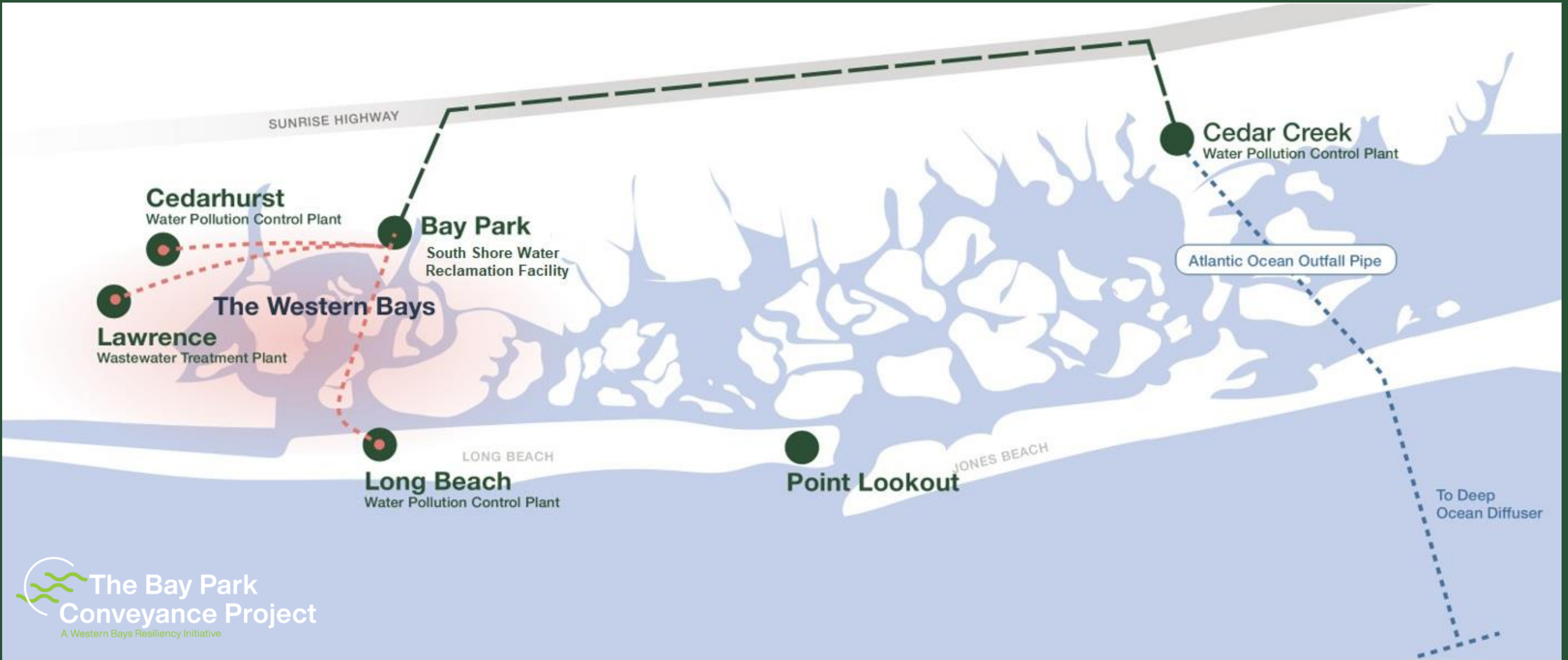


AGENDA

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



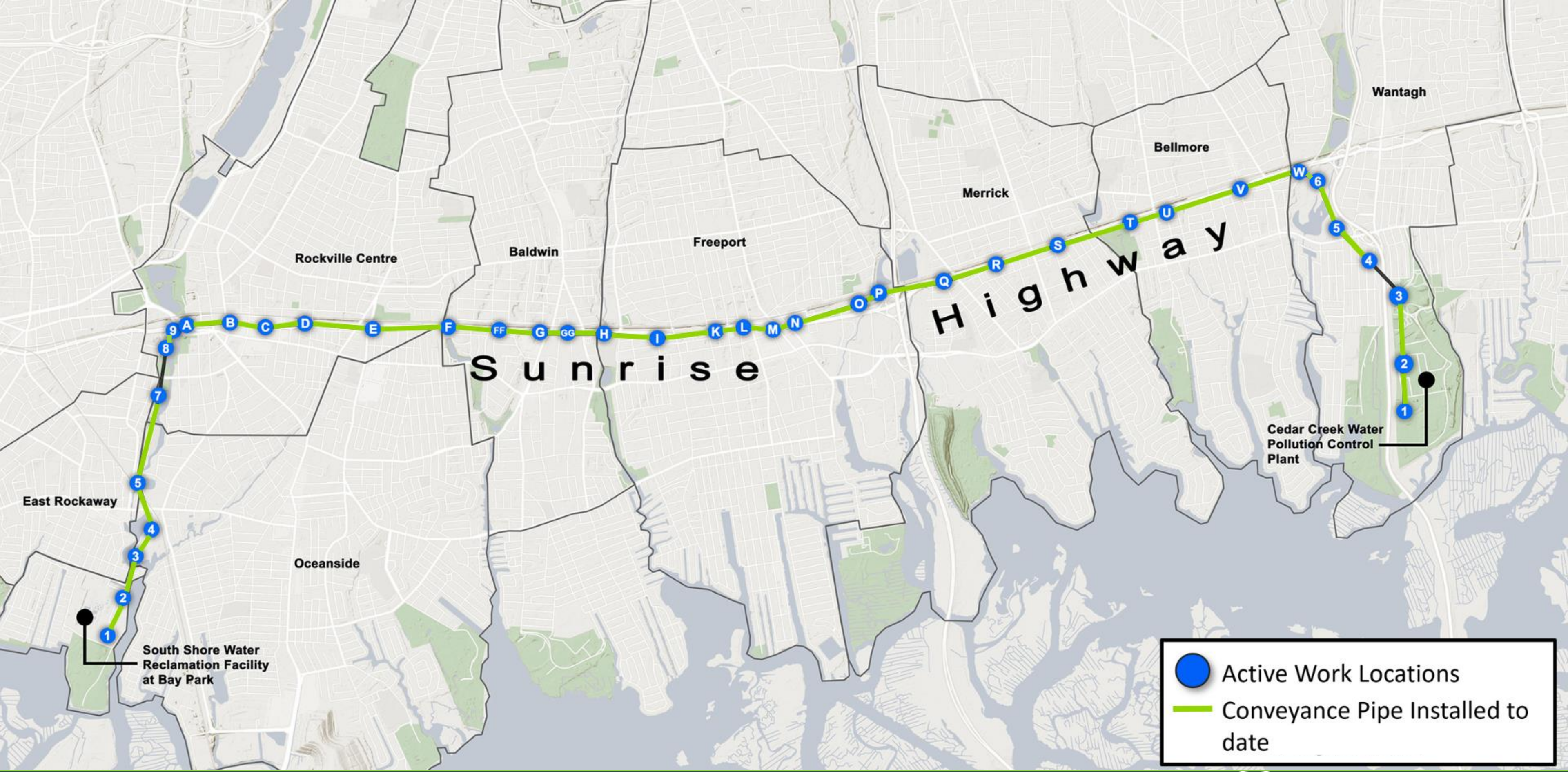
QUALITY OF LIFE FACTORS

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

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



14,141

LINEAR FEET OF
MICROTUNNELING
COMPLETED



76%

OF
MICROTUNNELING
COMPLETED



99%

OF DESIGN
COMPLETED



75%

OF OVERALL
CONSTRUCTION
COMPLETED



SLIPLINNING PROGRESS BY THE NUMBERS

24/24

PITS
CONSTRUCTED



16

PITS UNDER
RESTORATION



37,920

LINEAR FEET OF
SLIPLINNING
COMPLETED



99%

SLIPLINNING
COMPLETED*



*Sliplining is complete and hydrostatic testing of the pipeline is underway.

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 October, crews will continue to construct the pump station floors and walls and install utilities, structural steel, roofing and other supporting infrastructure.



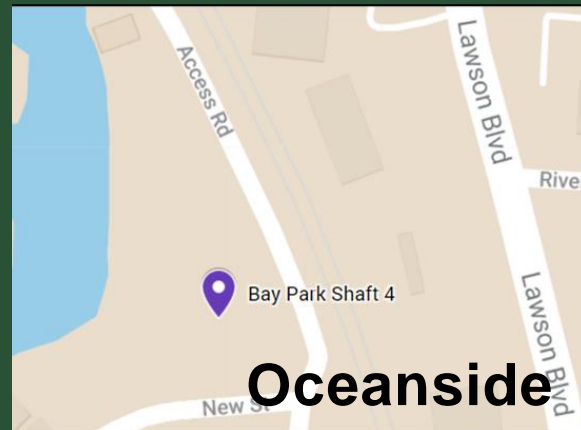
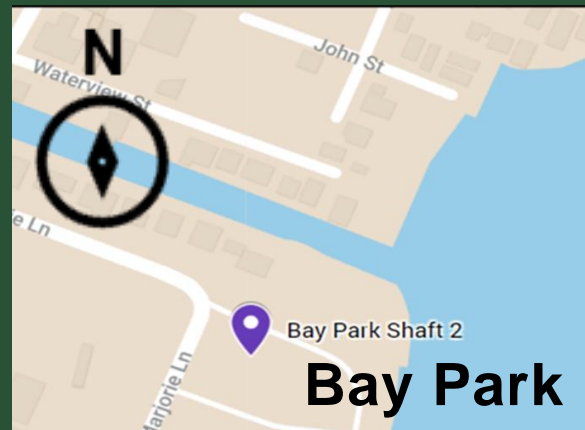
Location: Within the footprint of the South Shore Water Reclamation Facility at Bay Park



Pump Station Construction Near BP1 (July 2023)

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

- Site restoration activities continue at BP2.
- At BP3, shaft backfilling and site restoration activities will continue through October.
- Post-microtunneling activities continue at 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

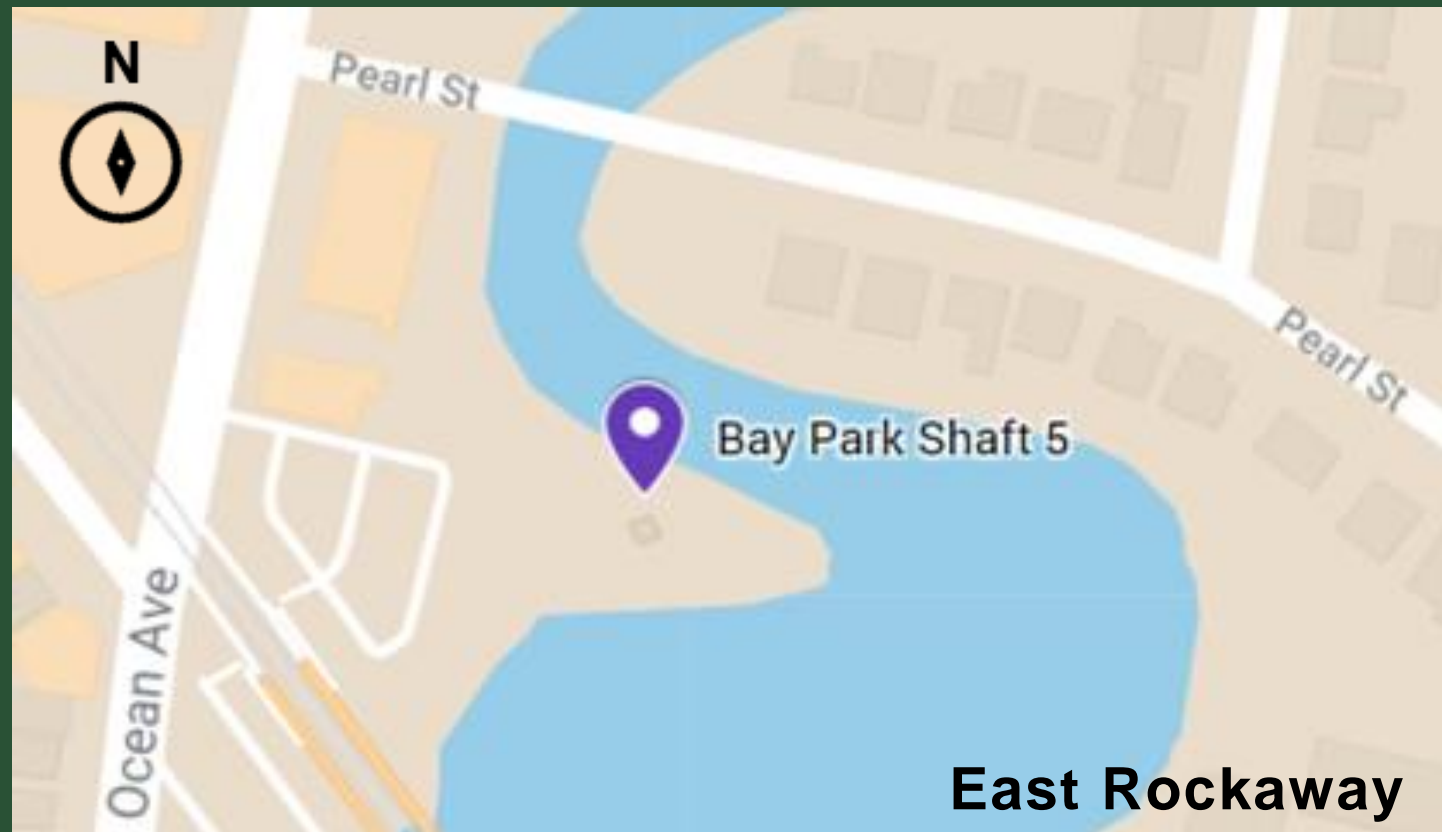
BP4: Private property off New Street in Oceanside



BP3 Restoration Activities (July 2023)

BAY PARK SHAFT 5 (BP5)

- Microtunneling at BP5 is now complete.
- Post-microtunneling activities will continue through October.
- Oxbow Park will remain closed.

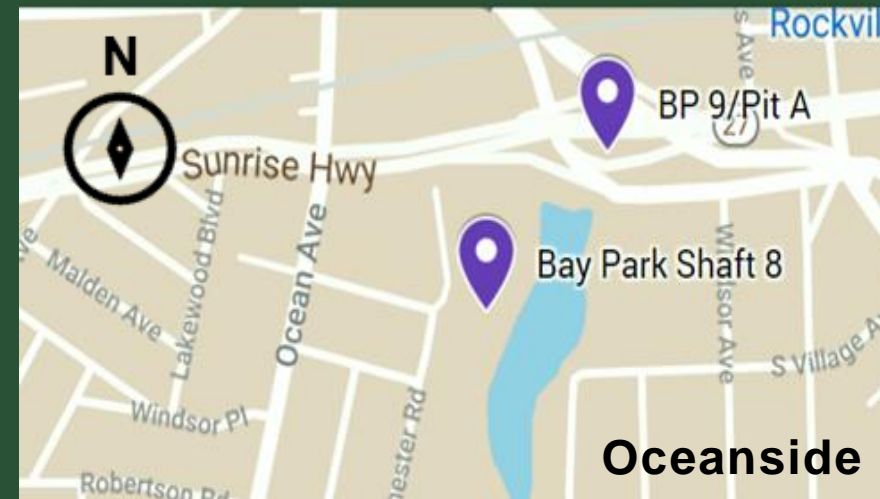
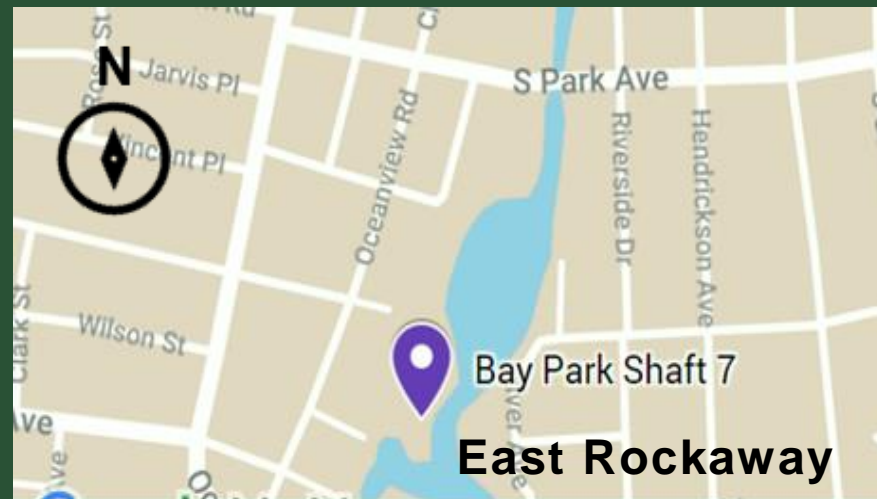


Location: East Rockaway Oxbow Park off Ocean Avenue near the East Rockaway LIRR Station

BP5 (August 2023)

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

- The Project's microtunnel boring machine MARSH-MELLOW completed microtunneling from BP8 to BP9 in September.
- Beginning in October, MARSH-MELLOW will microtunnel from BP8 to BP7.
- Crews continue to use the BP7 and BP8 sites for storage and laydown purposes.



Locations:

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

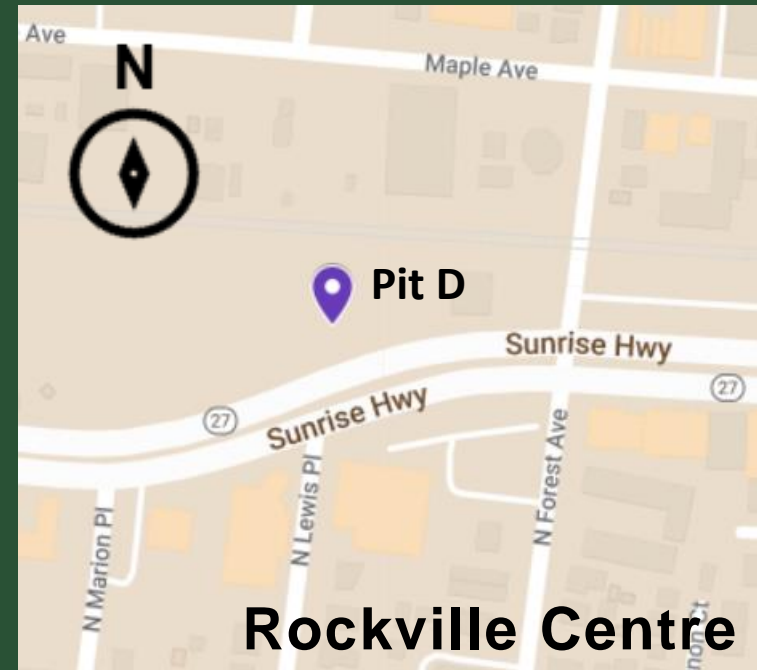
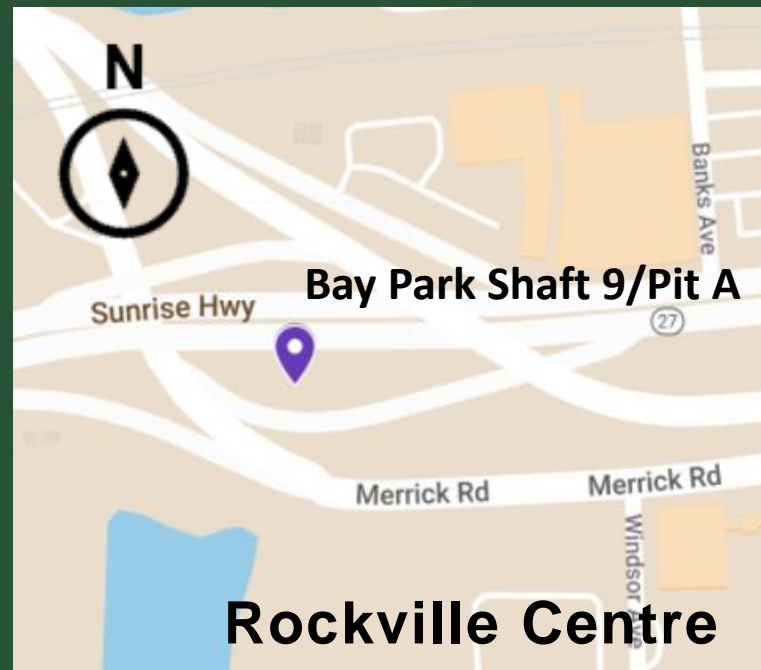
BP8: Rockville Centre's Lister Field at the Mill River Complex Park



Microtunneling at BP8 (September 2023)

BAY PARK SHAFT 9/PIT A AND PIT D

- Post-microtunneling activities are underway at BP9.
- Hydrostatic testing continues between Pits A and D.
- The eastbound lane on the Merrick Road exit ramp 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.



Locations:

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

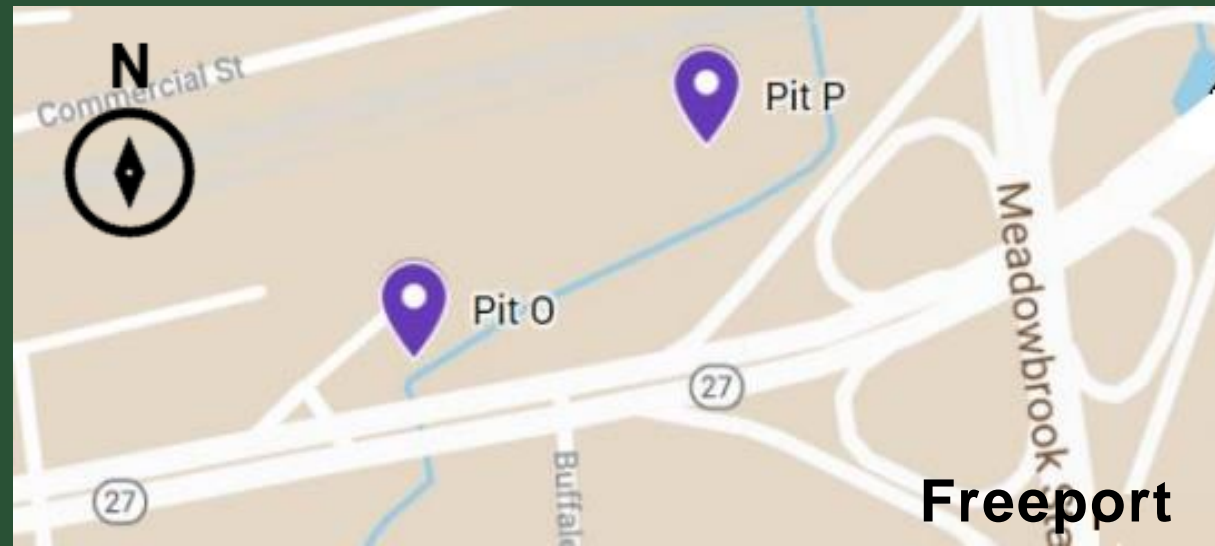
Pit D: A construction entrance is at Joyce Field in Rockville Centre on the north side of Sunrise Highway



Preparations at BP9 to receive MARSH-MELLOW (September 2023)

SUNRISE HWY PITS O AND P

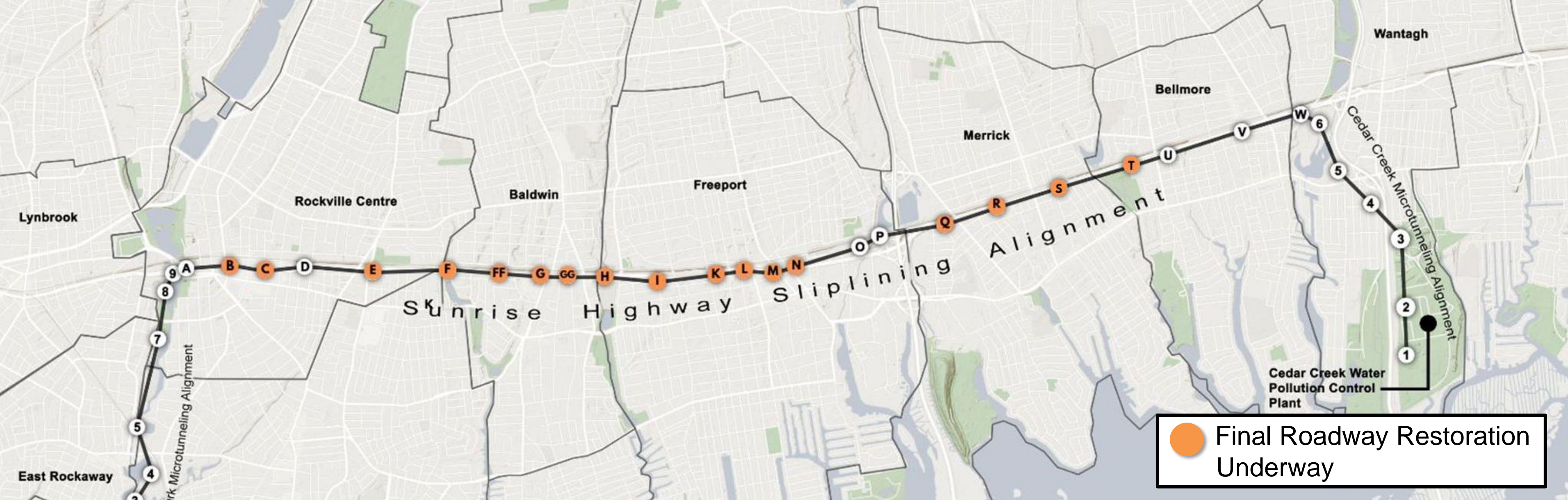
- Hydrostatic testing of the new pipeline will continue from Pits A to O and is complete from Pits O to W.
- WBC will continue to use the sites of Pits O and P for storage and laydown purposes.
- There will be a consistent presence of construction vehicles and crew in the area.



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



Site at Pit O (September 2023)



SUNRISE HWY ROADWAY RESTORATION

- Roadway restoration is underway at nearly all roadway pit locations along Sunrise Highway and is progressing through Q4 2023.
- Additional surface paving activities will be performed at each roadway pit location at a later date.
- Pits A, D, O and P are off the roadway and will be restored.

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

- Work will continue through October between Pit W and CC6.
- A portion of Lakeview Road will remain closed temporarily to support this work.
- Plans are underway for roadway restoration near Pit W and CC6 along Sunrise Highway and Lakeview Road.



Locations:

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

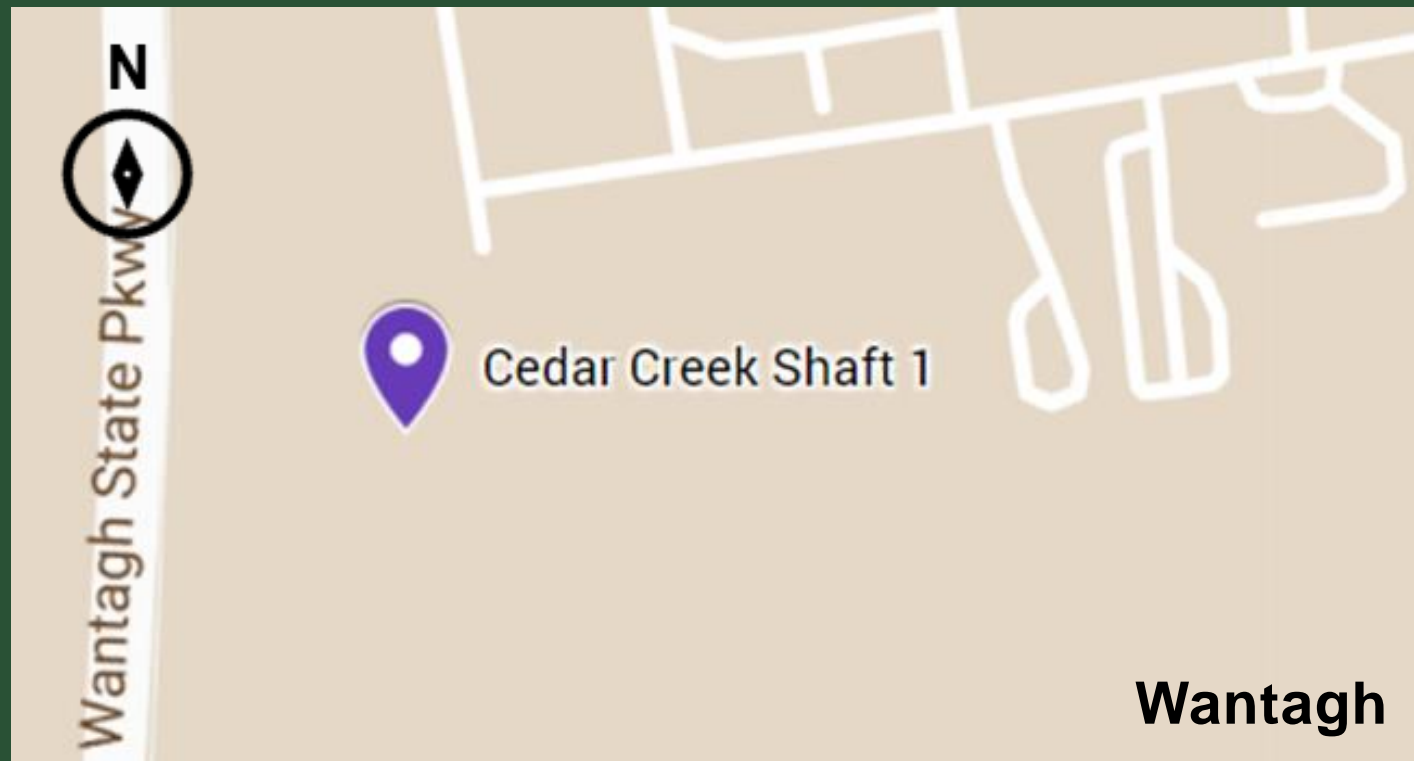
CC6: Off Lakeview Road south of Sunrise Highway



Construction at Pit W (September 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.
- SOE and excavation are complete for the wet tap area and work is progressing.
- Work at this location should have no noticeable impact to Cedar Creek Park users.



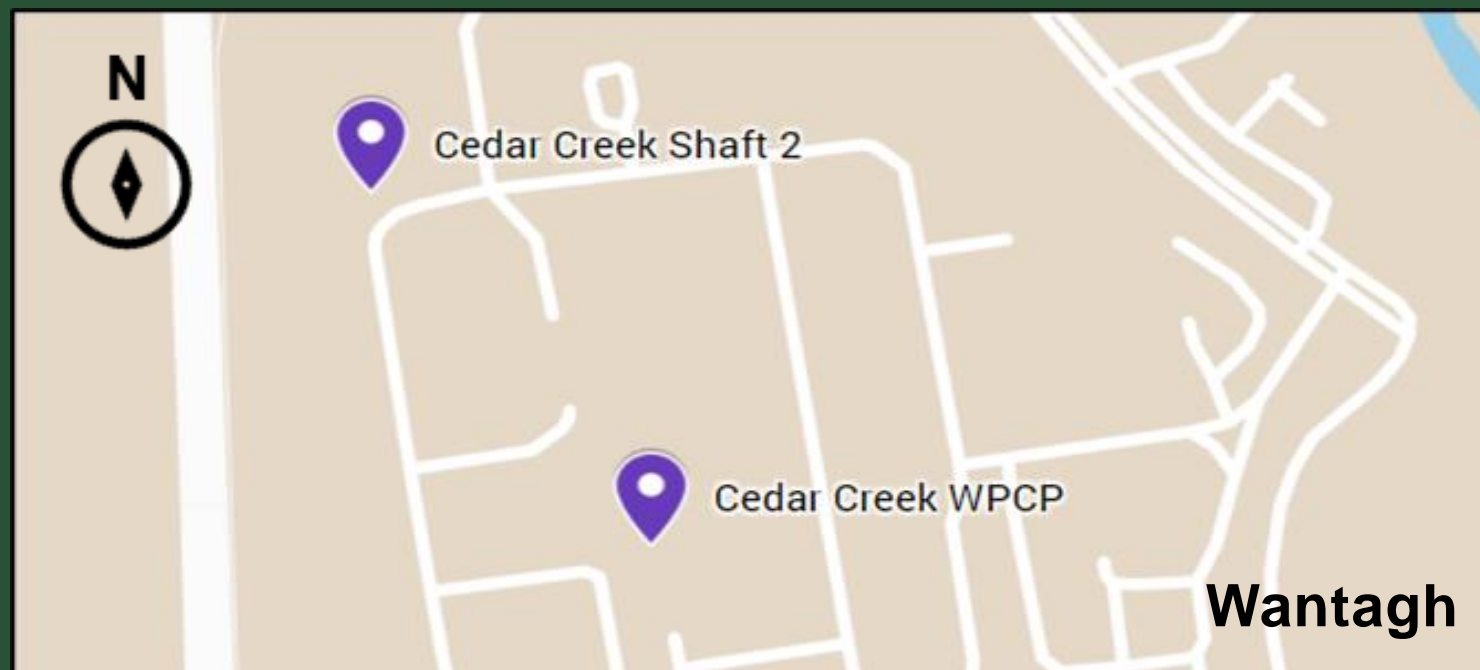
Location: Within footprint of the Cedar Creek WPCP



Receiving Tank Structure near CC1 (August 2023)

CEDAR CREEK SHAFT 2 (CC2)

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



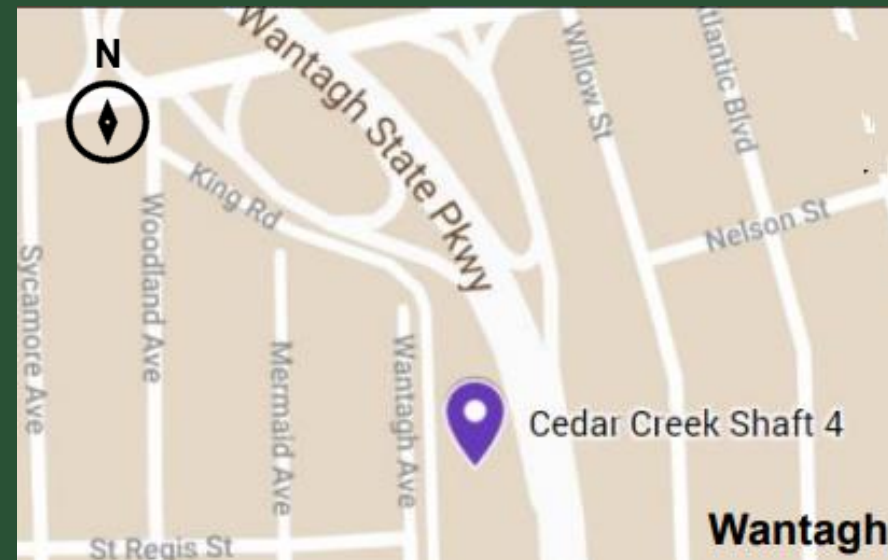
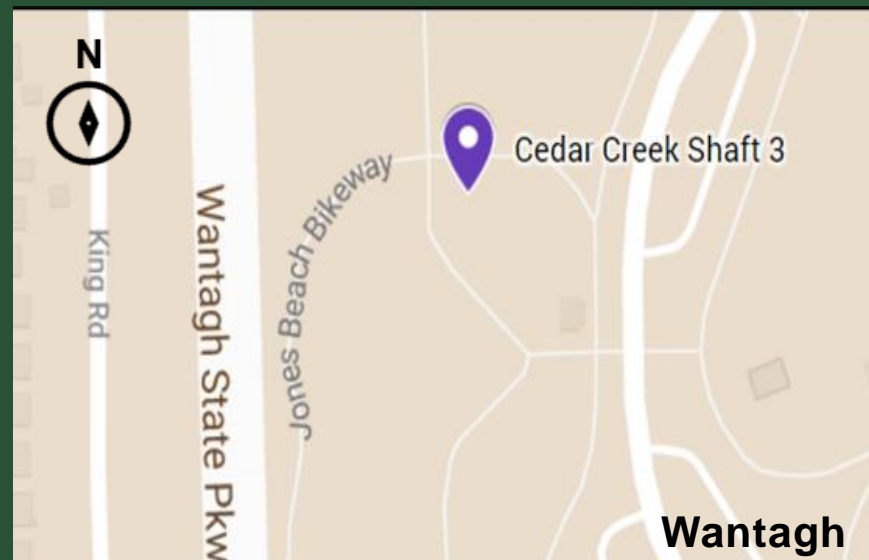
Location: Within the footprint of the Cedar Creek WPCP



Backfilling at CC2 (July 2023)

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

- The Project's microtunnel boring machine P.O.S.E.I.D.O.N. is microtunneling from CC4 to CC3.
- The Jones Beach Bike Path will remain open to the public during this work.
- The pipe will continue to be stored adjacent to the CC4 site.
- There will be a consistent presence of construction vehicles and crew in the area.



Locations:

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

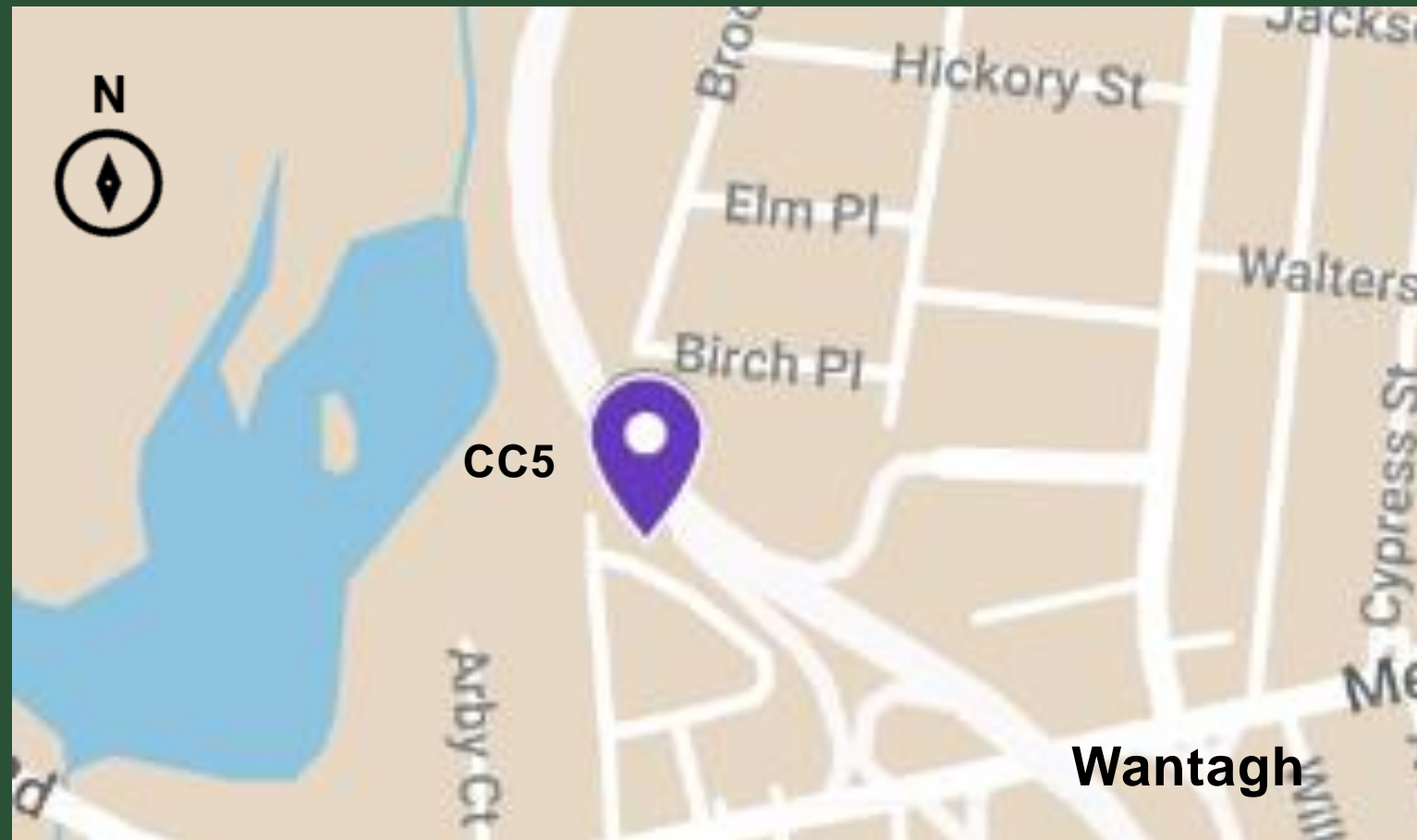
CC4: Off King Road adjacent to Wantagh Avenue/St. Regis Street



Site at CC3 (September 2023)

CEDAR CREEK SHAFT 5 (CC5)

- Microtunneling from CC4 to CC6 is complete.
- Post-microtunneling activities continue at CC5.
- 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 (August 2023)

PROTECTION OF TRAVELING PUBLIC AND WORK ZONES

- The Project team has deployed ‘Work Zone Traffic Control’ and ‘Maintenance and Protection of Traffic’ 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

- To support construction, there was limited removal of vegetation and trees across the Project alignment. Careful consideration was given to minimize removal and protect trees where possible.
- NYSDEC and NCDPW are committed to – at a minimum – replacing trees removed during construction.
- Tree restoration plans and schedules for replanting are in development and review. 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!

