

PUBLIC INFORMATION SESSION



The Bay Park Conveyance Project

A Western Bays Resiliency Initiative

December 7, 2022



WESTERN BAYS CONSTRUCTORS
PICONE | NORTHEAST REMSCO



**Department of
Environmental
Conservation**



Virtual Meeting Format



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



Project Presentation



Live Question and 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.

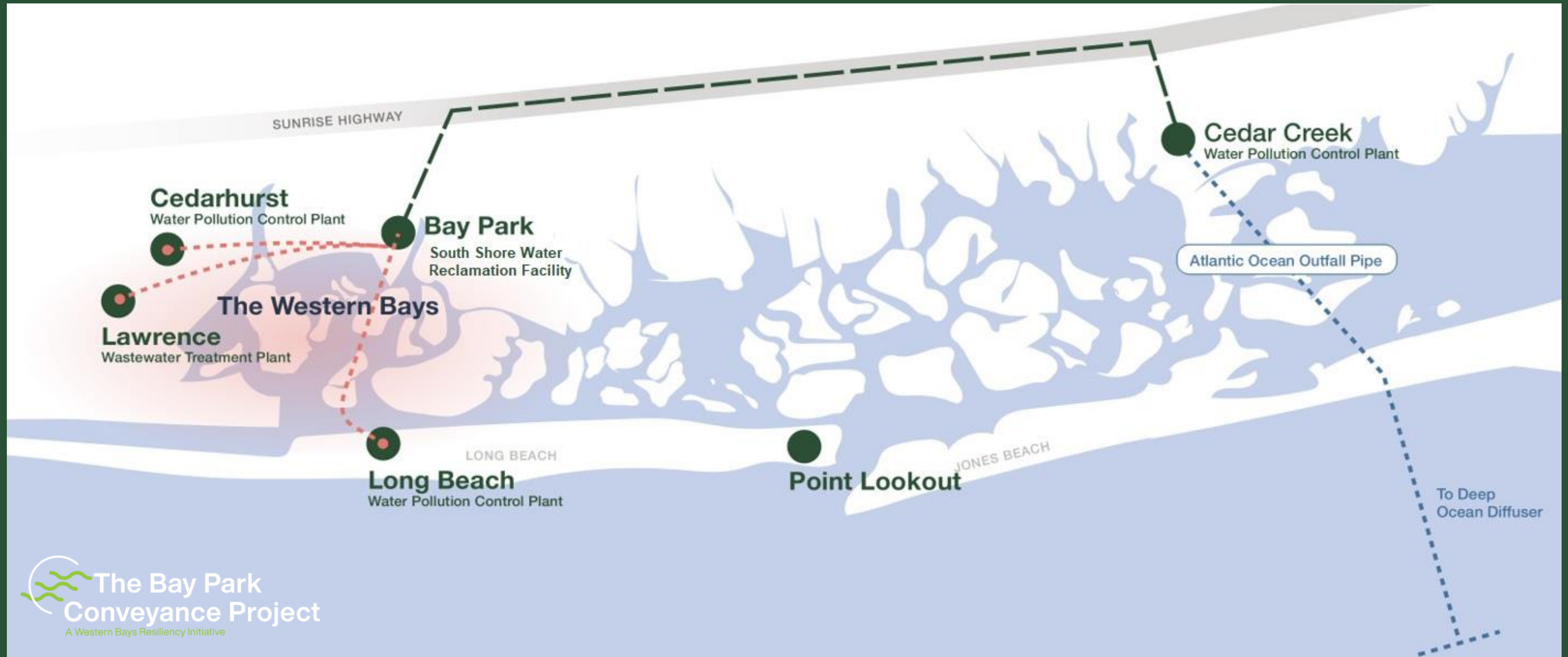


AGENDA

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



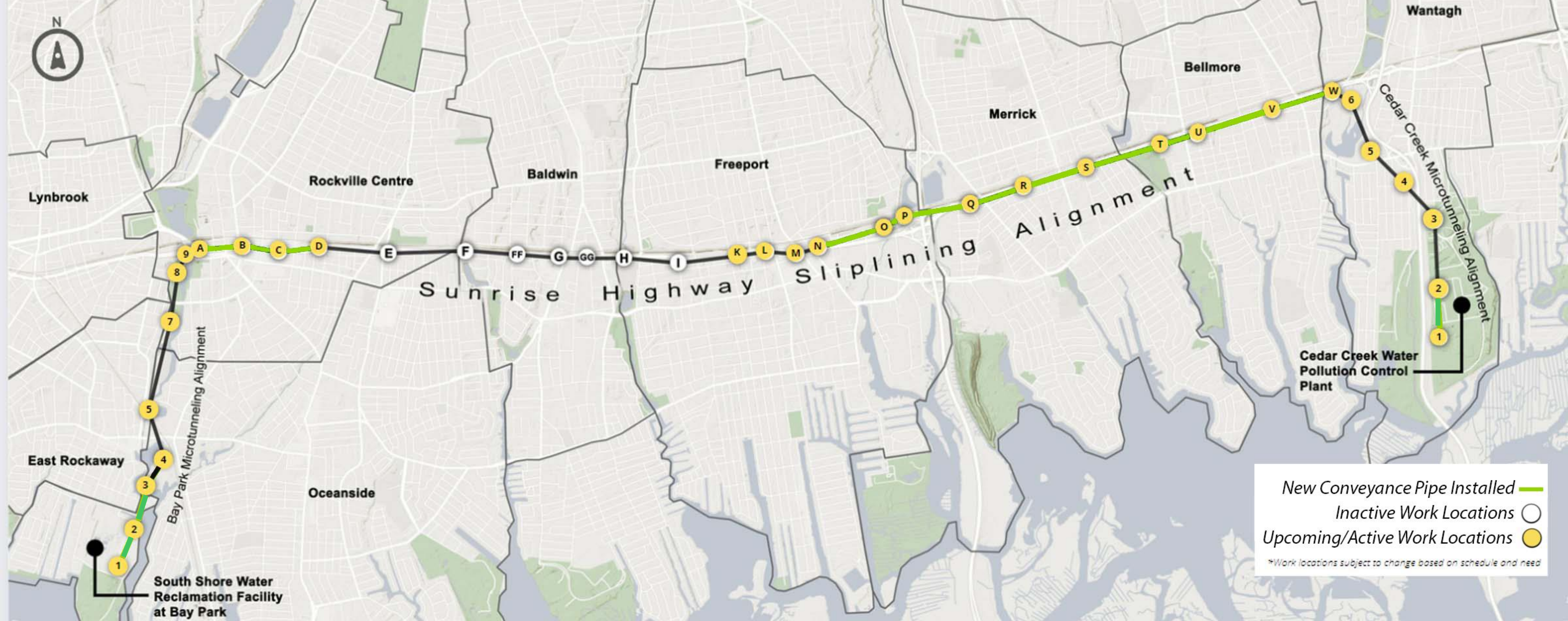
QUALITY OF LIFE FACTORS

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



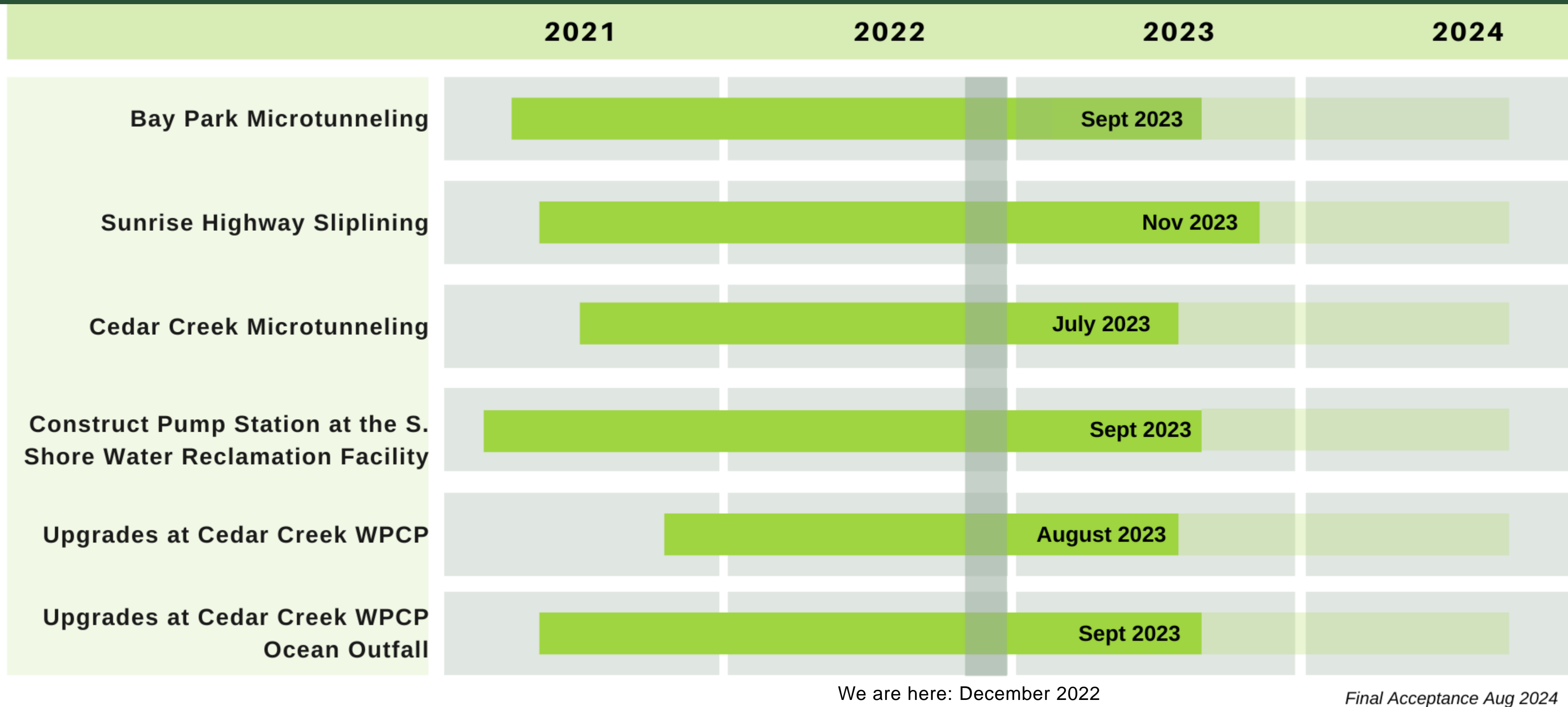
ECONOMIC BENEFITS

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

PROJECT TIMELINE



CONSTRUCTION TECHNIQUES

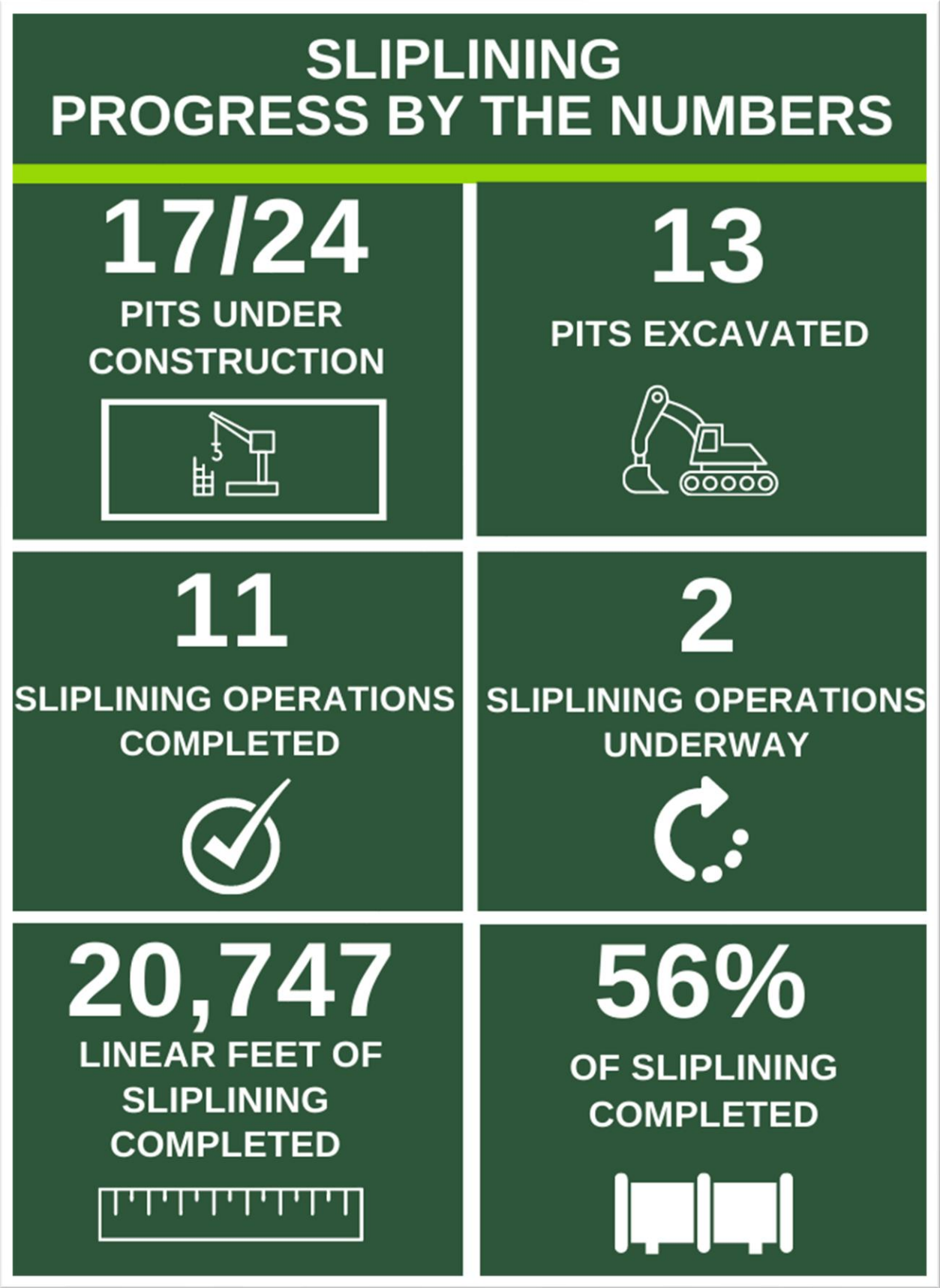
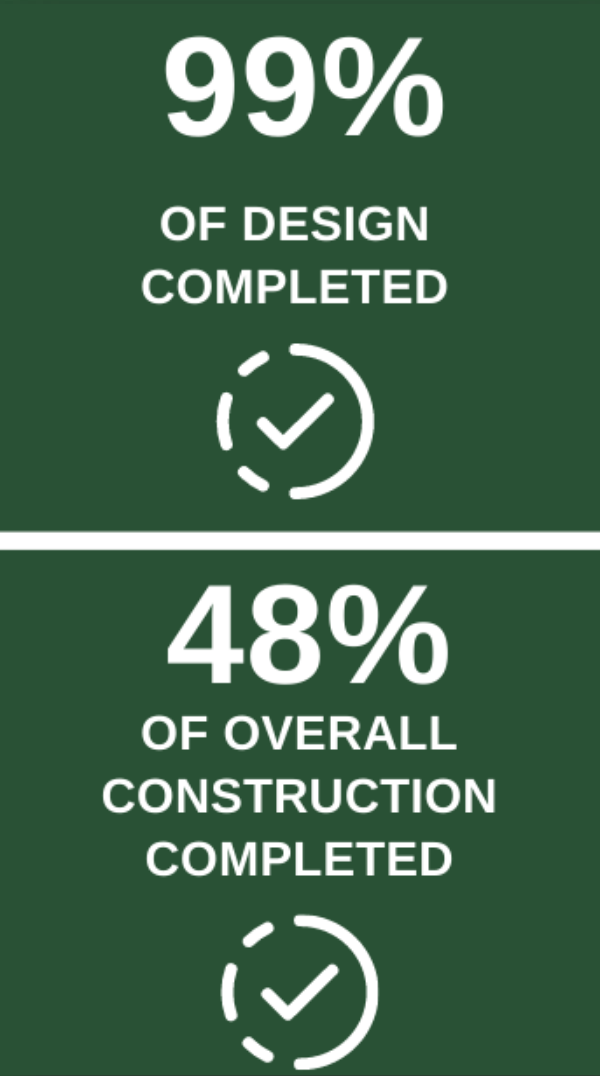
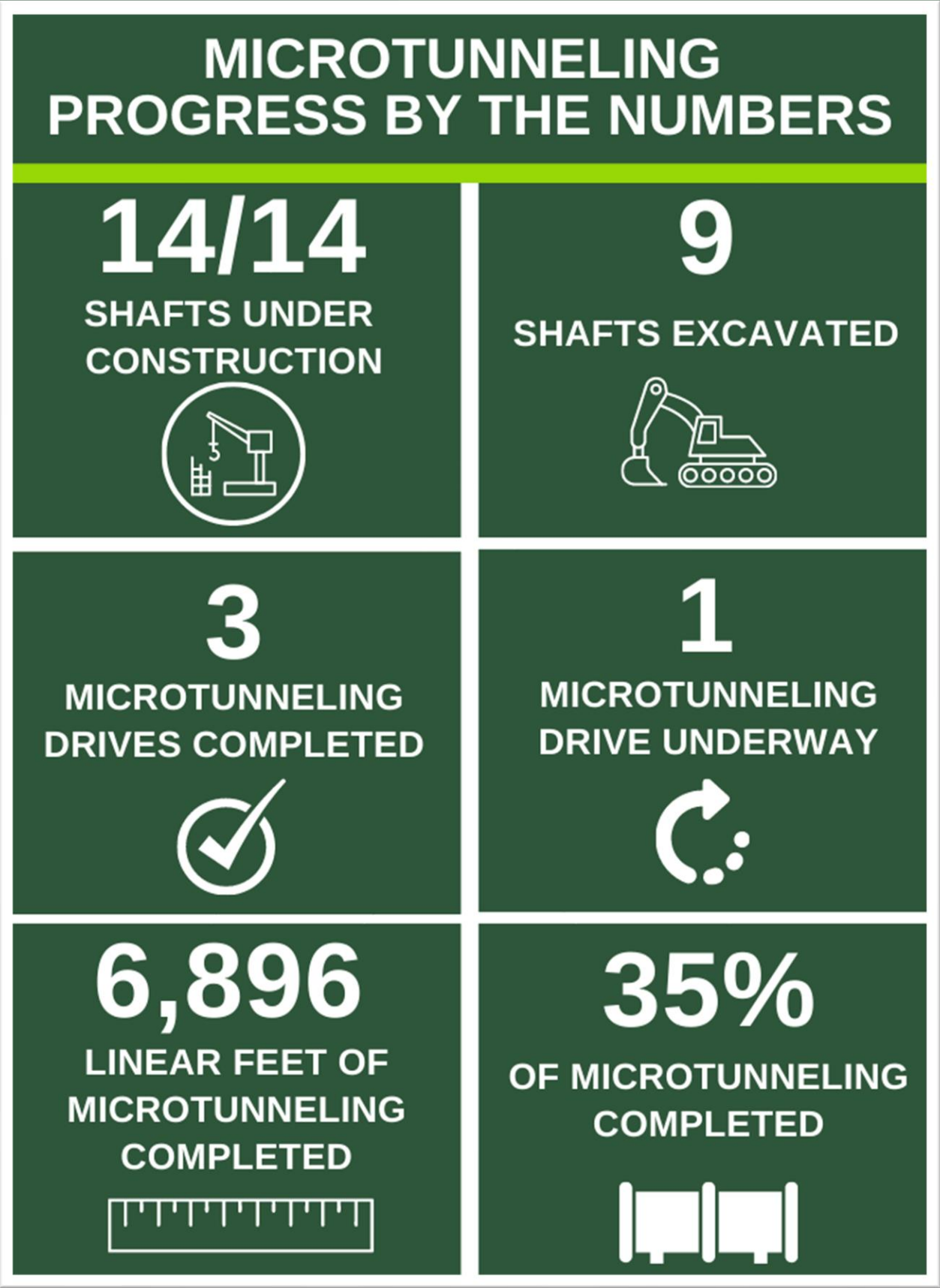
- Microtunneling - Technique used to install piping deep into the ground.
- Sliplining - Utilizes existing infrastructure by inserting a new pipe into an existing pipe.
- Support of Excavation (SOE) - Used to support the earth during excavation.
- Jet Grouting - Technique used for groundwater control.





CONSTRUCTION UPDATES

PROJECT BY THE NUMBERS



BAY PARK SHAFT 1 (BP1)

- Microtunneling activities at BP1 are complete. New conveyance pipe is installed and grouted from BP1 to Bay Park Shaft 2.
- Next to BP1, crews are constructing a new pump station, wet well, and diversion structure.
- Crews continue to build the roof slab of the wet well.
- In December, crews will begin to install structural steel for the pump station.



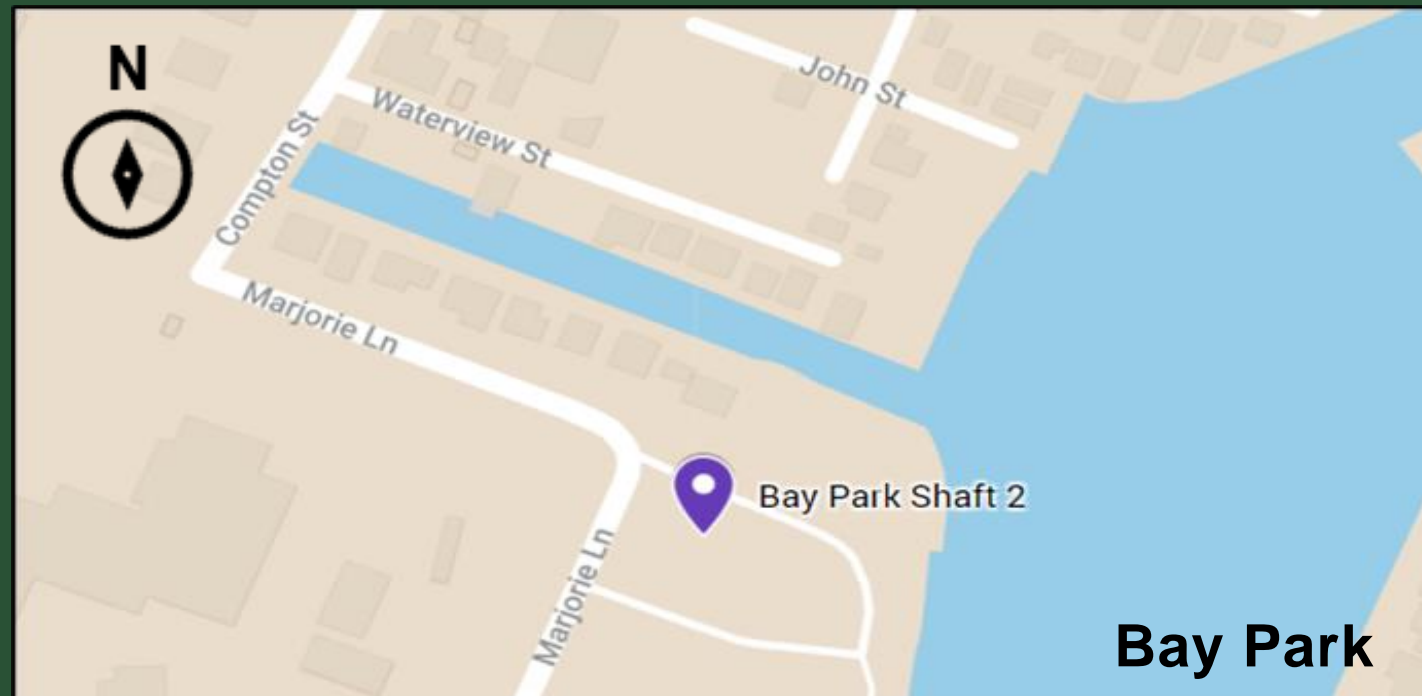
Location: Within the footprint of the South Shore Water Reclamation Facility at Bay Park



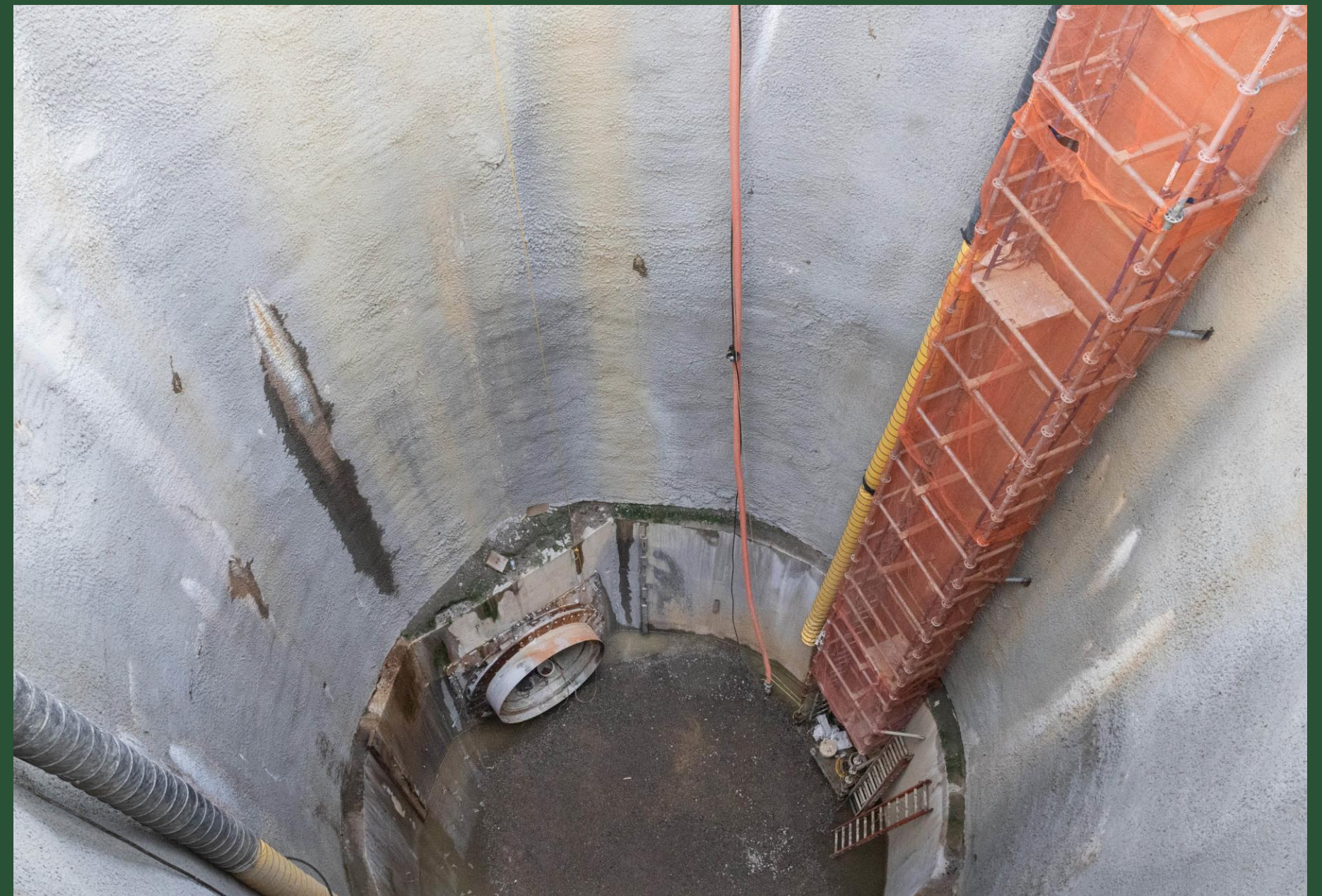
Diversion Structure Construction Near BP1 (October 2022)

BAY PARK SHAFT 2 (BP2)

- Microtunneling activities at BP2 are complete. New conveyance pipe is installed and grouted from BP2 to Bay Park Shaft 3.
- Preparations for shaft closure are underway.
- Park users will observe construction equipment and vehicles near Marjorie Lane.



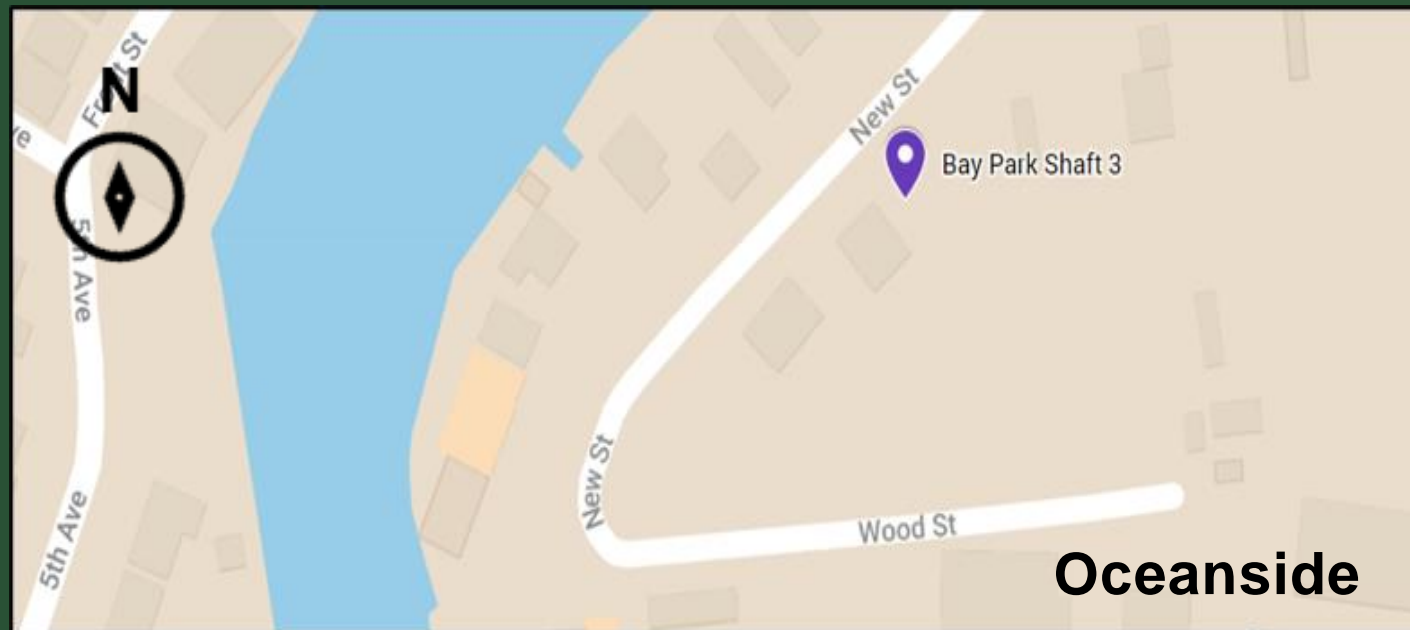
Location: Within the boundaries of Nassau County's Bay Park, at the northeast corner of Marjorie Lane



BP2 (October 2022)

BAY PARK SHAFT 3 (BP3)

- The microtunnel boring machine (MTBM), MARSH-MELLOW, arrived at BP3 from BP2.
- Microtunneling from BP3 to Bay Park Shaft 4 is in progress.

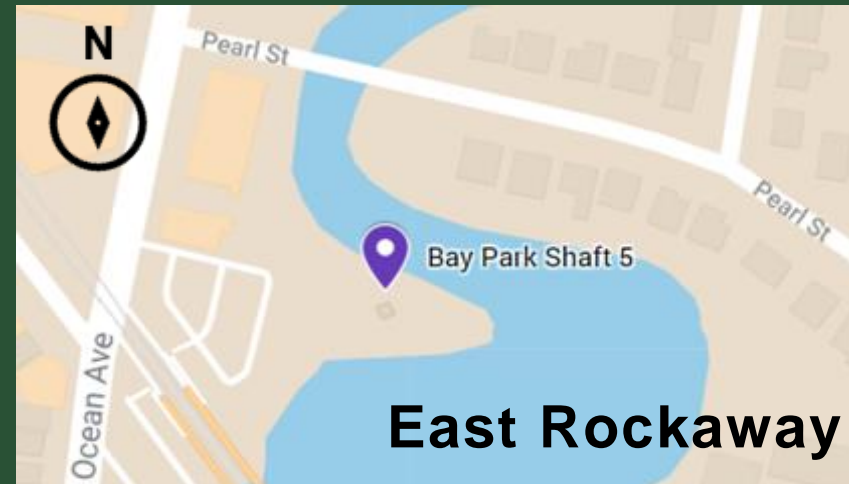
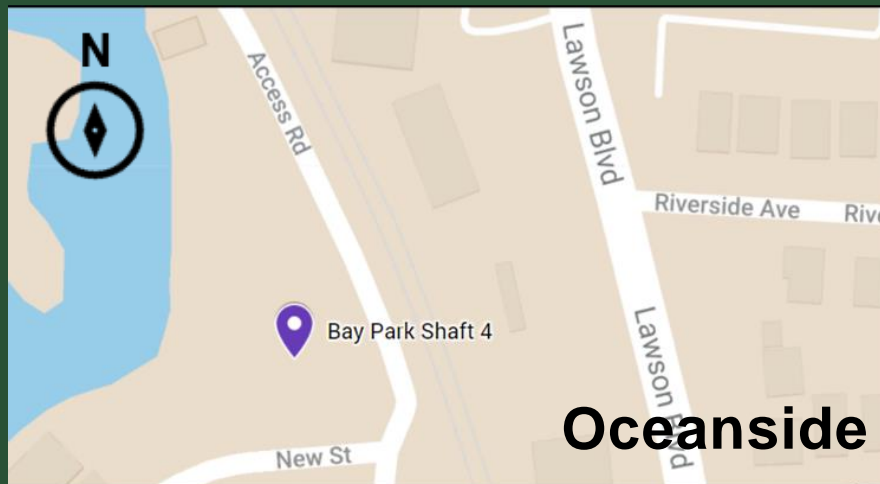


Location: Private property off New Street in Oceanside



BP3 Construction Site (September 2022)

BAY PARK SHAFTS 4 (BP4) AND 5 (BP5)



Locations:

BP4: Private property off New Street in Oceanside

BP5: East Rockaway Oxbow Park off Ocean Avenue near the East Rockaway LIRR Station

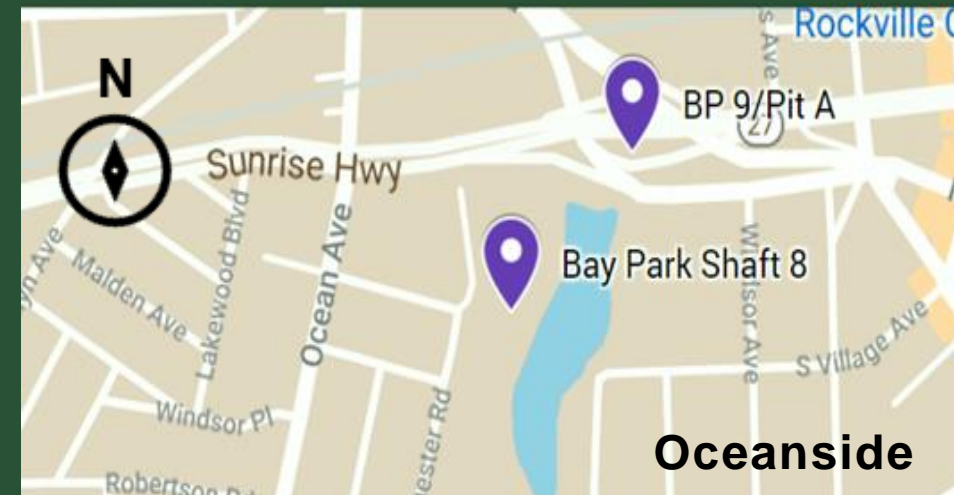
- BP4 will receive MARSH-MELLOW, arriving from BP3.
- Activities are underway at BP5 to prepare for microtunneling.
- MARSH-MELLOW will microtunnel from BP5 to BP4.
- Oxbow Park will remain closed through approx. Spring 2023.



BP5 Construction Site (October 2022)

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

- Crews will continue to use BP7 and BP8 sites for storage/laydown purposes.
- At BP7, shaft excavation is near complete. Following this activity, shaft excavation will begin at BP8.



Locations:

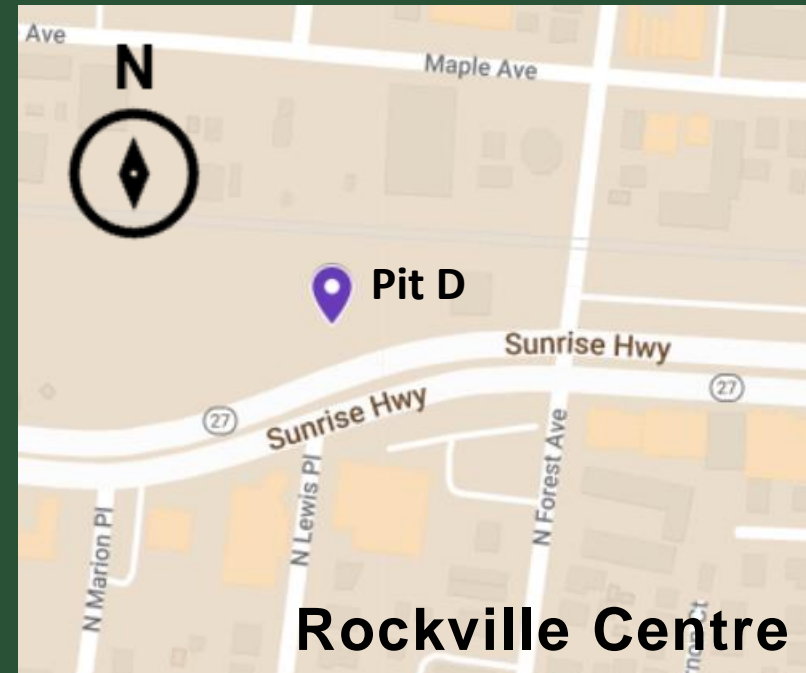
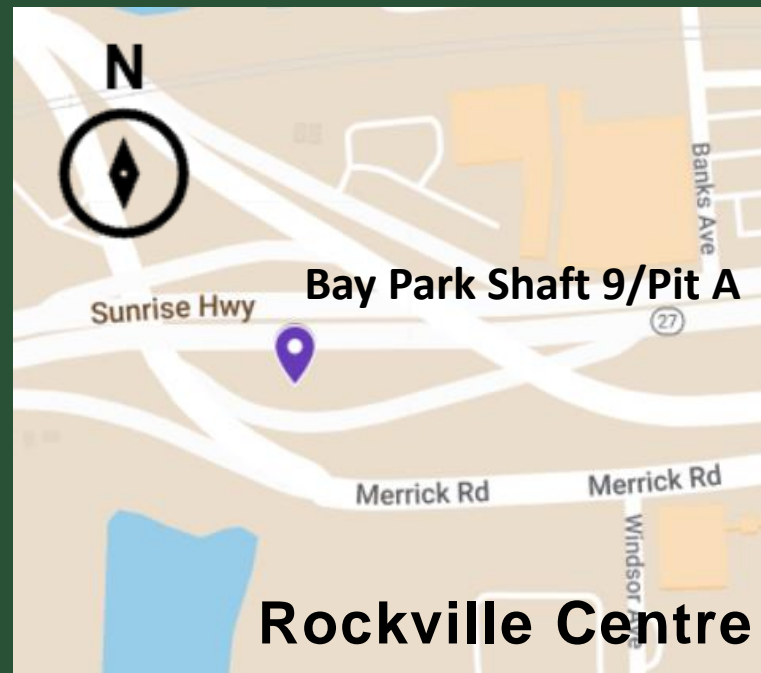
BP7: Rockville Centre Department of Public Works Yard off Mill River Avenue

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



Pipe Storage at BP8 (October 2022)

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 for storage/laydown of materials.

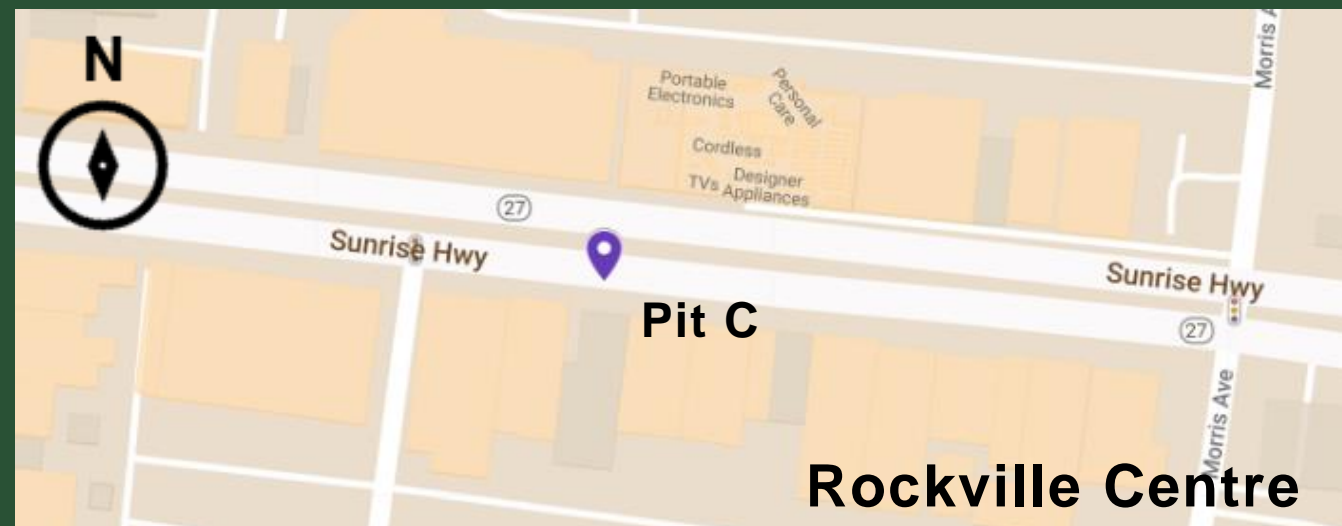
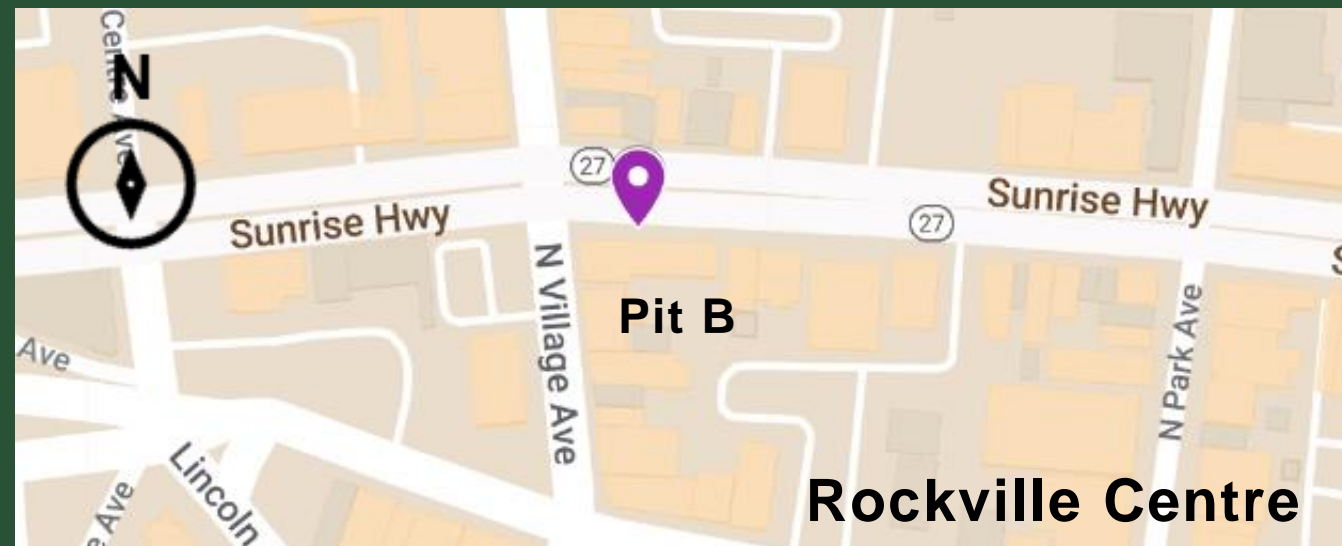
- Excavation is complete at Pits A and D.
- Sliplining is underway from Pit A to Pit C.
- Sliplining from Pit C to Pit D is complete.
- The sidewalk in front of Joyce Field, between Morris Avenue and North Forest Avenue, will remain closed for the duration of the Project until 2024.
- Eastbound lane on the Merrick Road exit ramp on Sunrise Highway will have intermittent road closures. Flaggers will direct traffic in and out of the work area.



Sliplining Pipe Storage at BP9 (October 2022)

SUNRISE HWY PITS B AND C

- Installation of SOE at Pits B and C is complete.
- Sliplining is underway at Pits B and C.



Locations:

Pit B: South side of Sunrise Highway between N. Village Avenue and N. Park Avenue

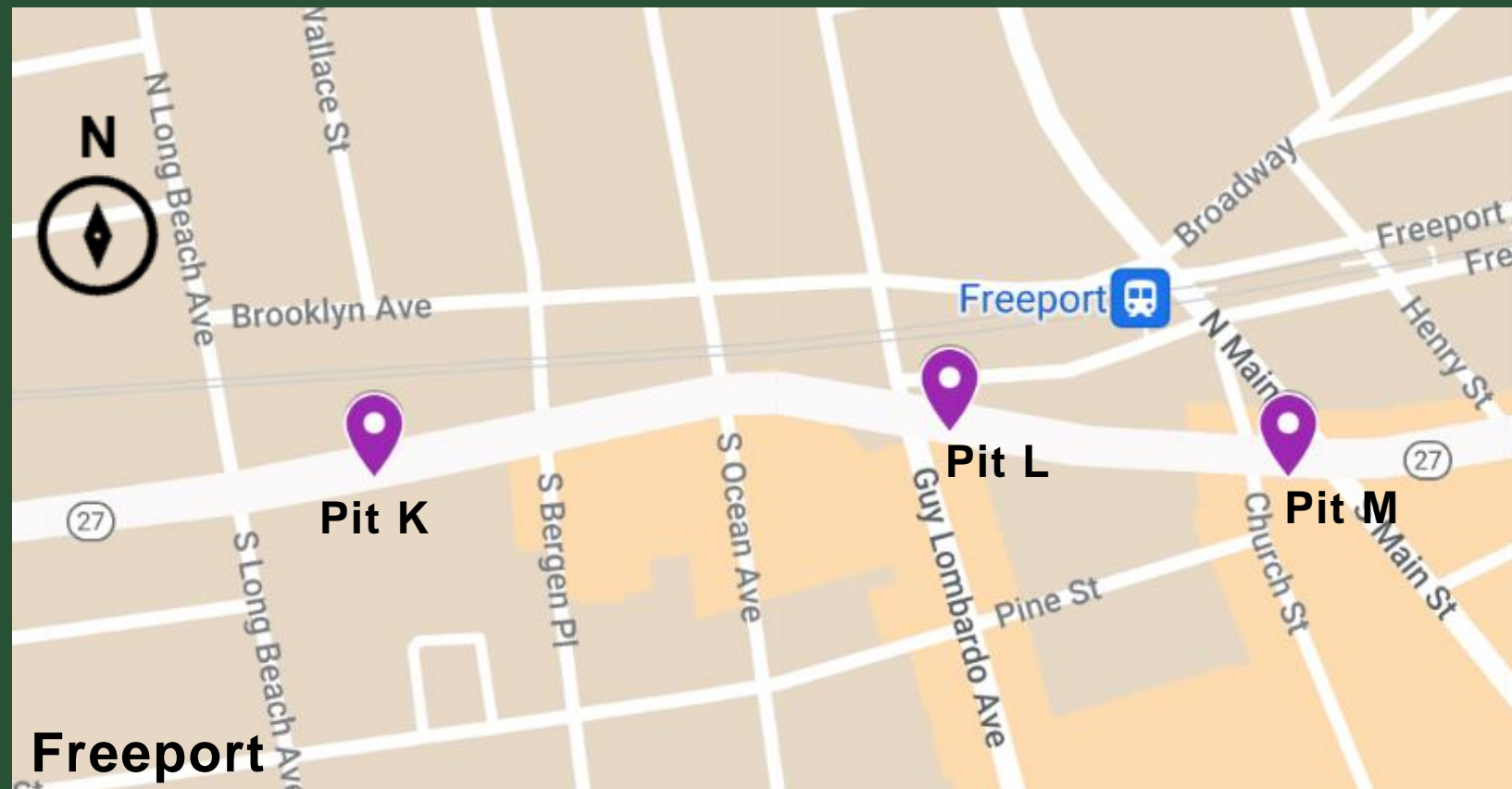
Pit C: South side of Sunrise Highway, just west of Morris Avenue



Pit B location on Sunrise Highway in Rockville Centre (October 2022)

SUNRISE HWY PITS K - M

- Pit construction activities and SOE installation are underway at Pits K, L, and M.
- Installation of SOE can cause periods of noise and vibration that may be noticeable in the areas directly adjacent to the work site.



Locations:

Pit K: South side of Sunrise Highway between South Long Beach Avenue and South Bergen Place

Pit L: South side of Sunrise Highway, just east of Guy Lombardo Avenue

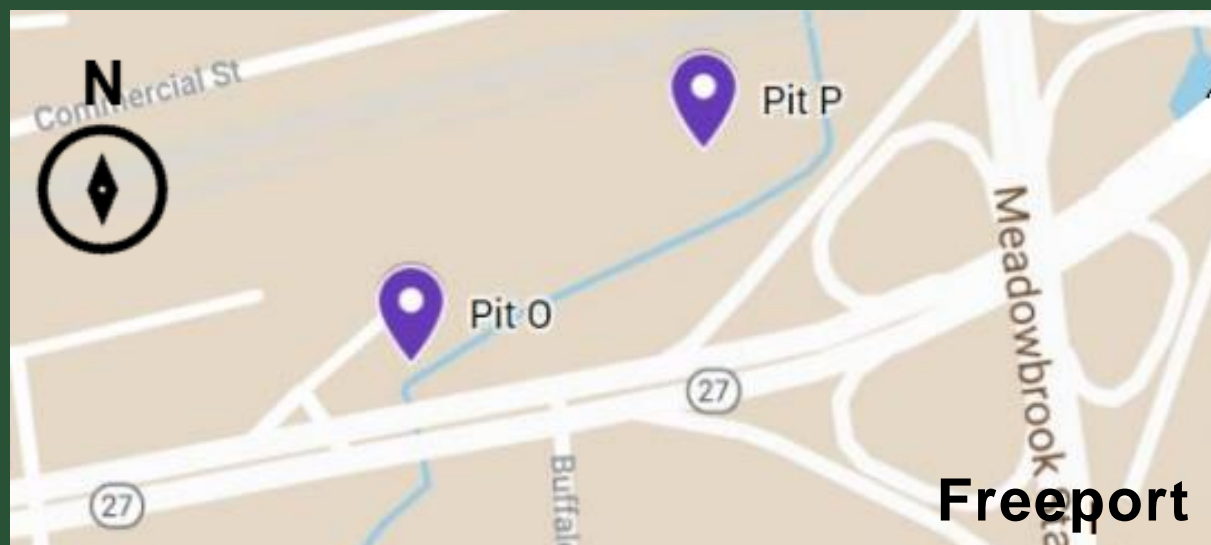
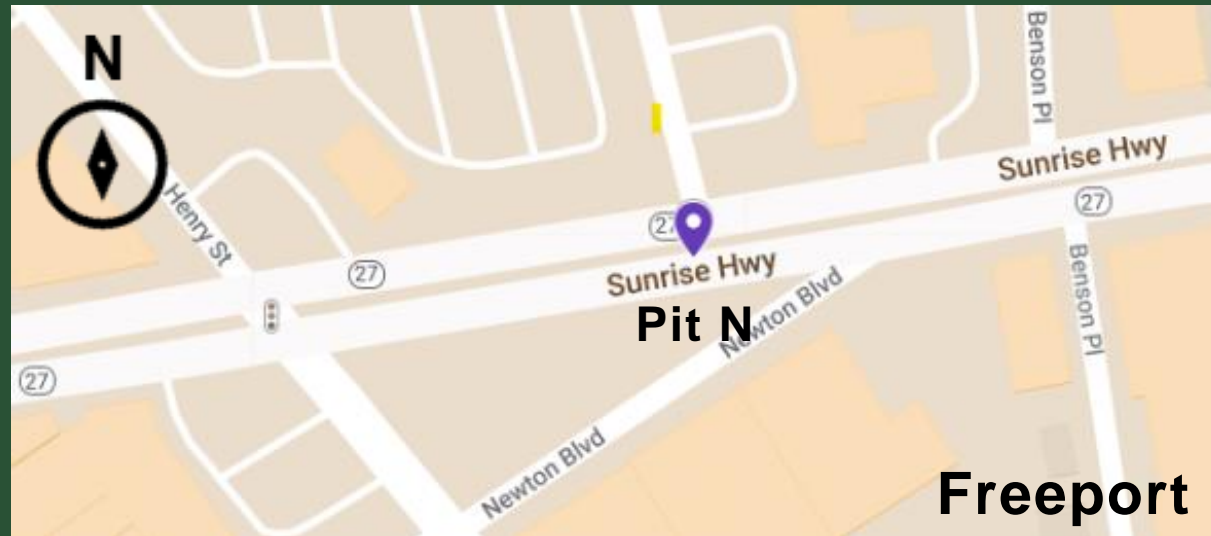
Pit M: South side of Sunrise Highway between Church Street and South Main Street



Sunrise Highway in Freeport (*October 2022*)

SUNRISE HWY PITS N, O, AND P

- Sliplining is complete from Pit N to Pit P.
- WBC will continue to use the Pits O and P sites for storage/laydown purposes.
- There will be a consistent presence of construction vehicles and crew in the area.



Locations:

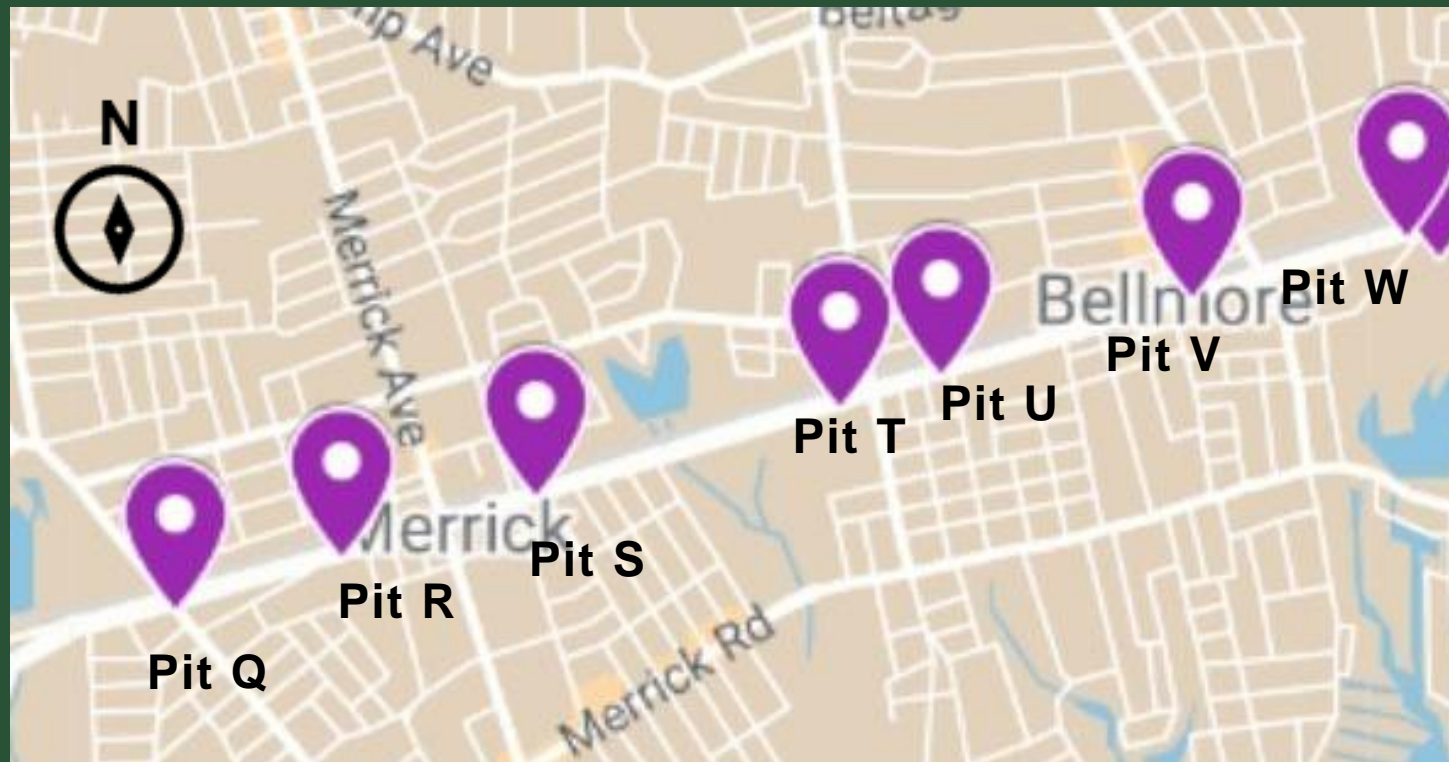
Pit N: South side of Sunrise Highway, just west of Newton Boulevard

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



Pit O (September 2022)

SUNRISE HWY PITS Q - W



Locations:

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

Pit R: South side of Sunrise Highway east of the Babylon Turnpike between Lansdowne Avenue and City Place

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, west of Newbridge Road

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

Pit V: South side of Sunrise Highway, east of Bedford Avenue

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

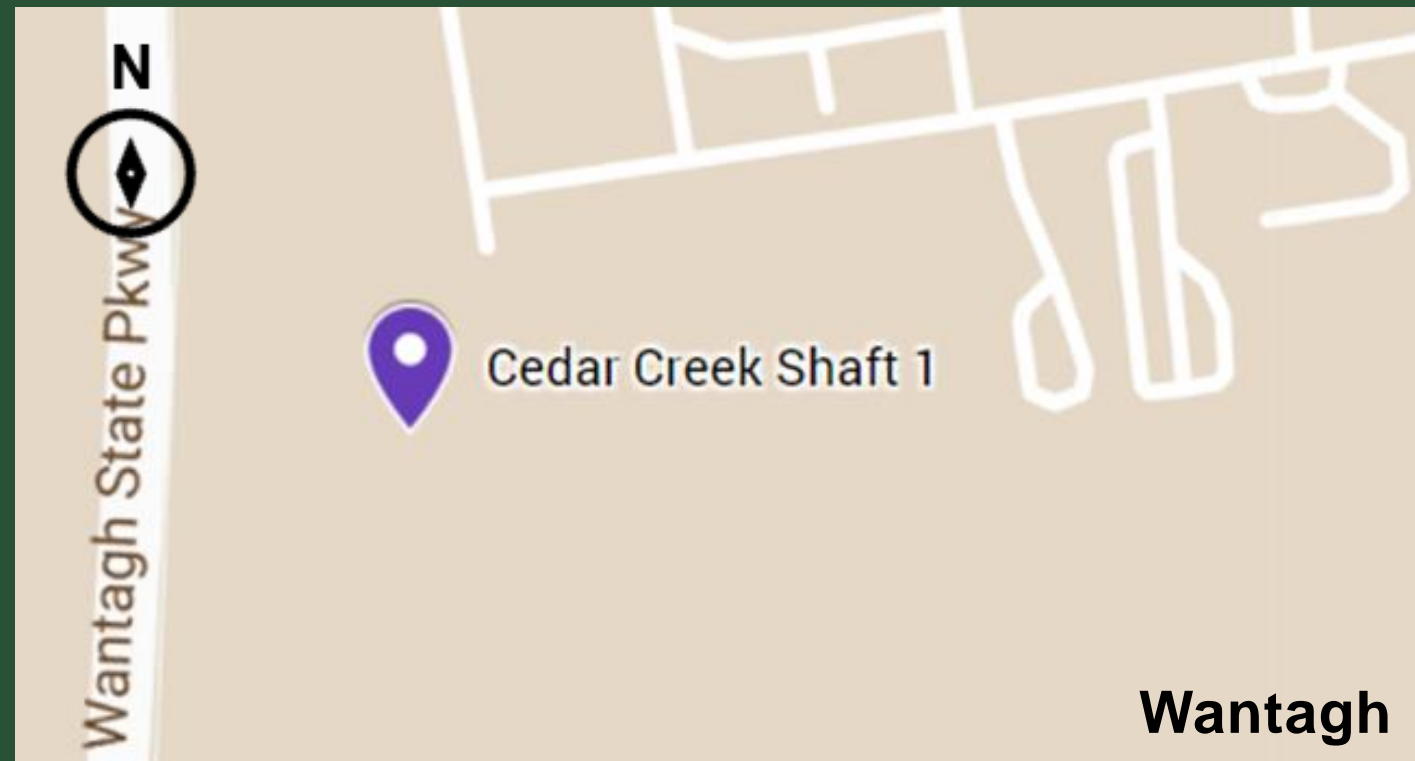
- Sliplining and annular grouting from Pit Q to Pit W are complete.
- Pits Q, R, T, U, and V are backfilled and temporary paving is complete.
- Final roadway restoration will occur in 2023.
- Crews are constructing an open trench from Pit W to Cedar Creek Shaft 6 (CC6) to connect the Sunrise Highway pipeline to the Cedar Creek pipeline. SOE installation near Pit W is ongoing.



SOE Installation at Pit W (November 2022)

CEDAR CREEK SHAFT 1 (CC1)

- CC1 received the second MTBM, P.O.S.E.I.D.O.N., arriving from CC2. New conveyance pipe is installed and grouting is underway.
- Crews will begin work on the receiving tank structure and install sheets for the wet tap area.
- Helical Pile installation will begin in January.
- Work at this location should have no noticeable impact to Cedar Creek Park users.



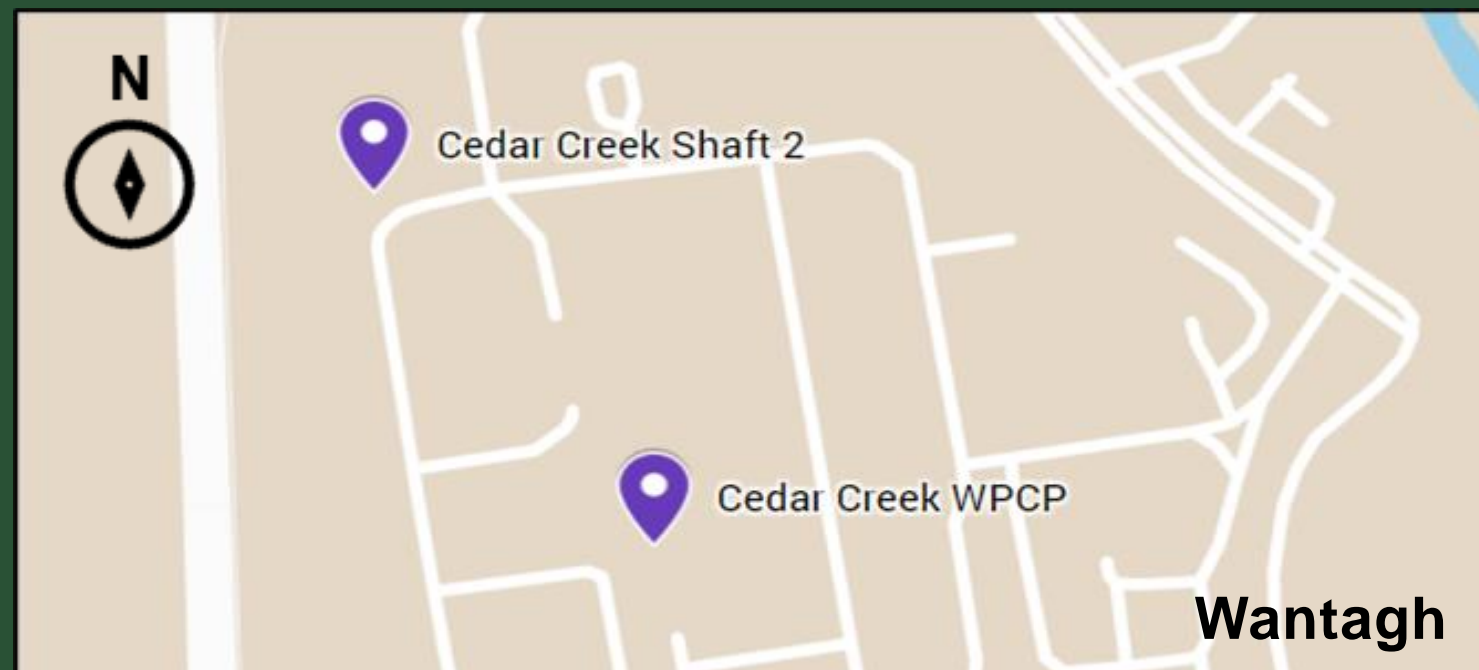
Location: Within footprint of the Cedar Creek WPCP



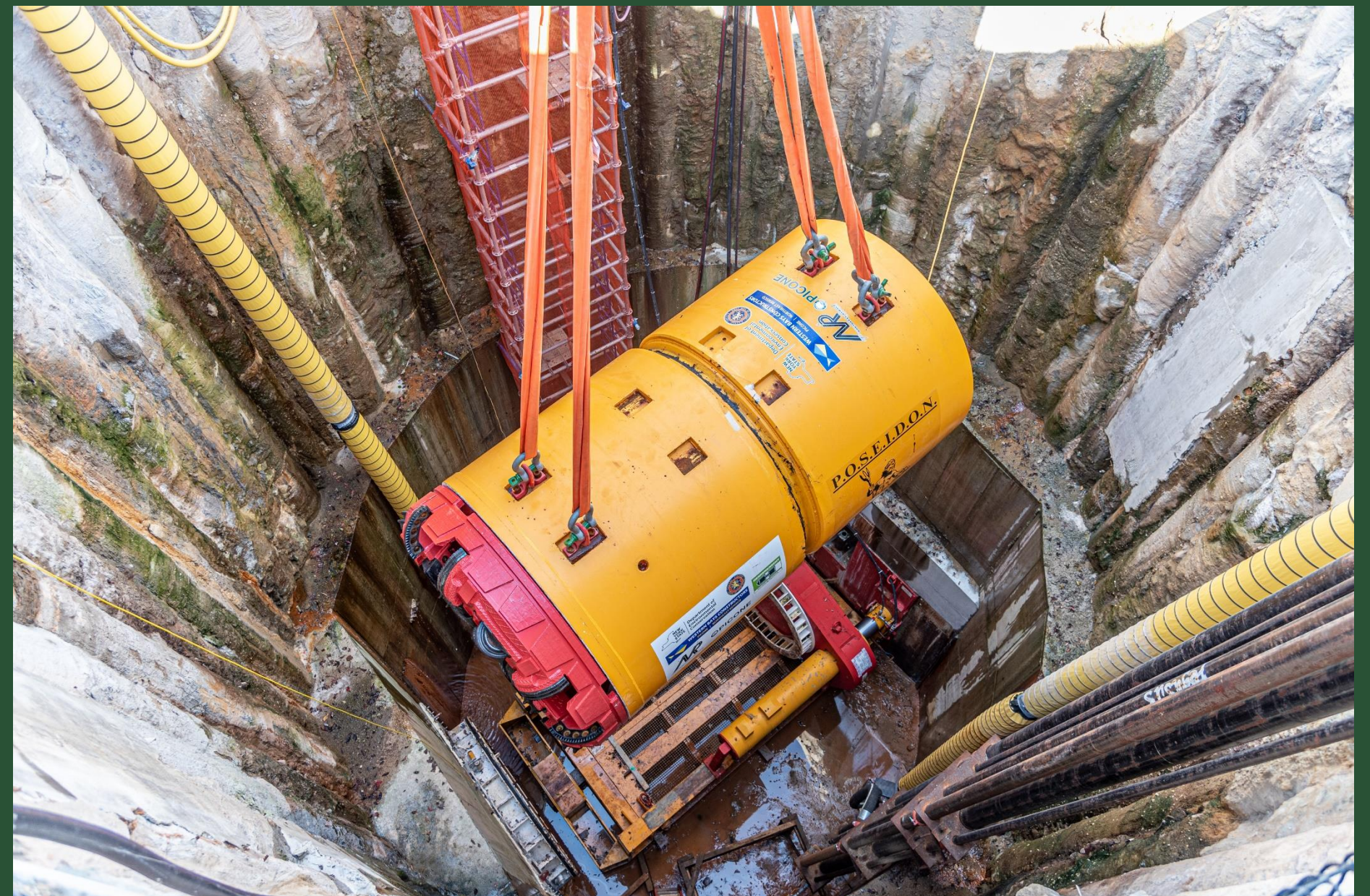
MTBM Breakthrough at CC1 (November 2022)

CEDAR CREEK SHAFT 2 (CC2)

- Preparations are underway for microtunneling, anticipated to begin in December.
- P.O.S.E.I.D.O.N. will microtunnel from CC2 to Cedar Creek Shaft 3.



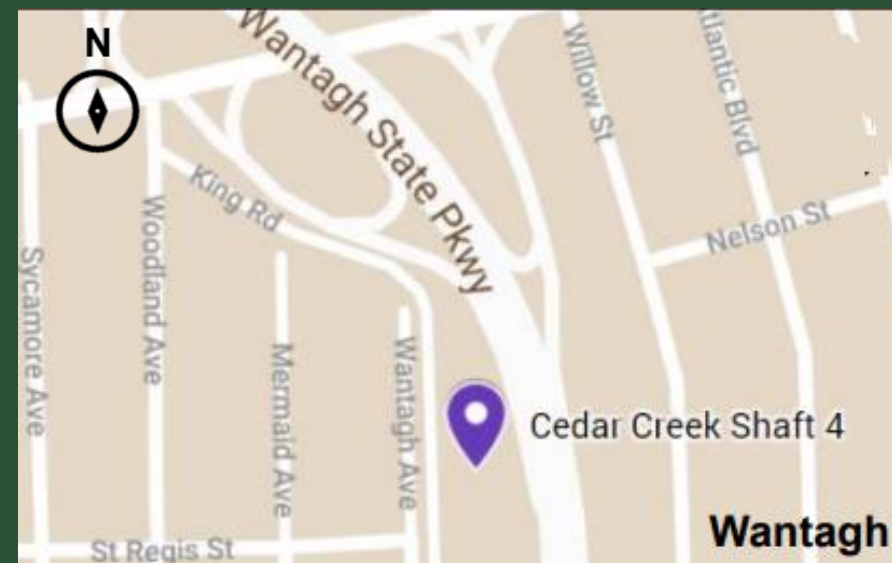
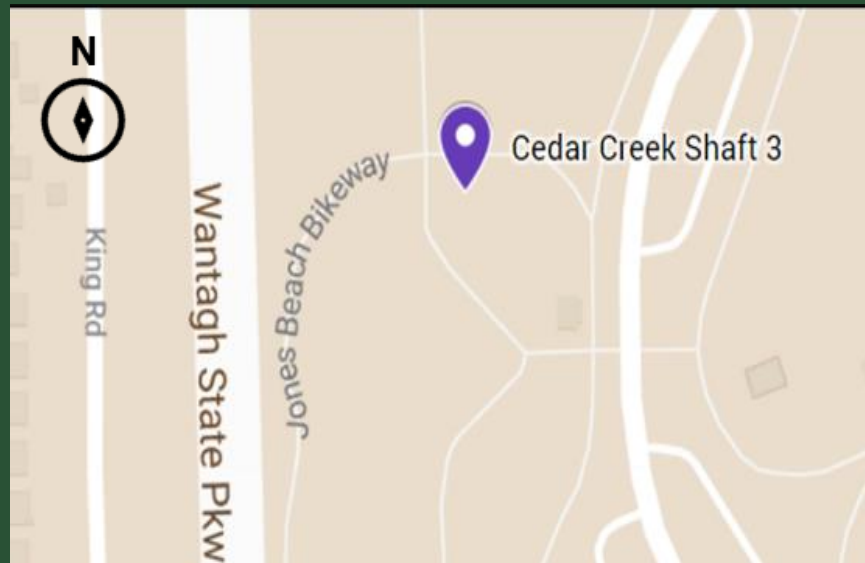
Location: Within the footprint of the Cedar Creek WPCP



Lowering P.O.S.E.I.D.O.N. at CC2 (October 2022)

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

- Crews continue to prepare both shaft sites in advance of microtunneling.
- CC3 will receive P.O.S.E.I.D.O.N. from CC2.
- Pipe will continue to be stored directly adjacent to the CC4 site.
- The Jones Beach Bike Path will remain open to the public throughout construction.



Locations:

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

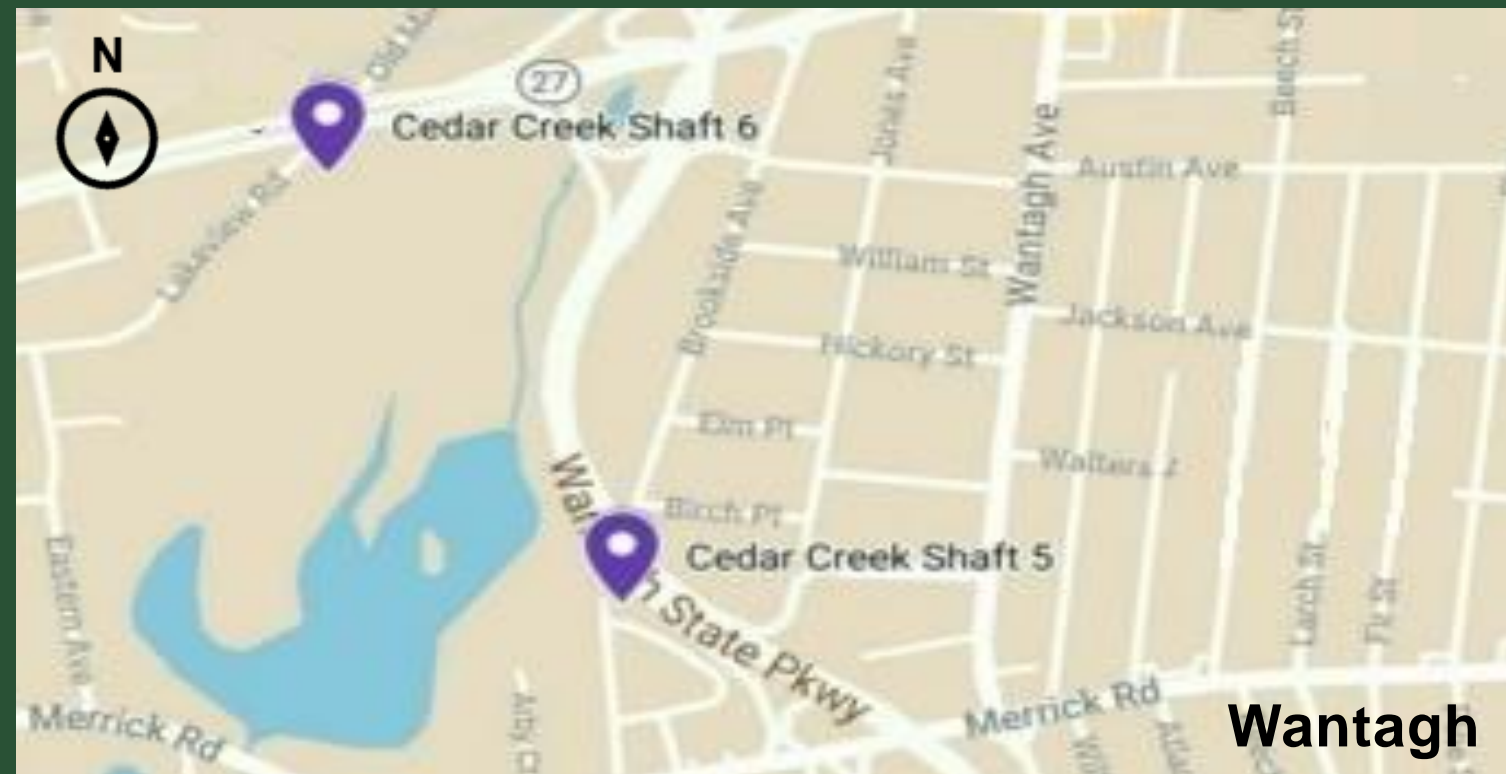
CC4: Off King Road adjacent to Wantagh Avenue/St. Regis Street.



Reinforced Concrete Liner Wall Construction at CC4
(October 2022)

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

- SOE installation is complete at CC5 and CC6.
- At CC5, shaft excavation is complete. Crews are constructing a reinforced concrete liner wall.
- Crews are preparing CC6 for excavation, anticipated to begin in January 2023.



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



Construction Site at CC5 (July 2022)

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.

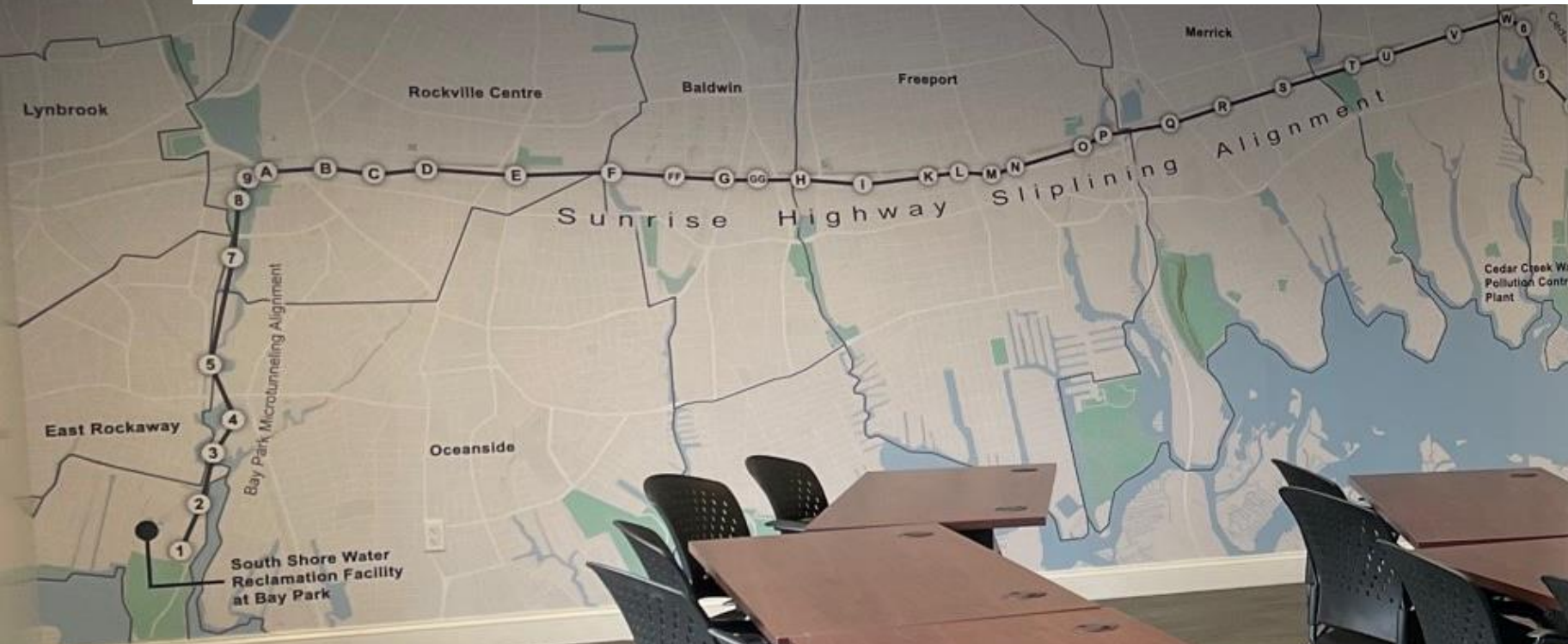




SPOTLIGHT ON SAFETY & CONSTRUCTION TIDINESS

- 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.
- WBC offers in-person and virtual meetings from the CIC.
- Project representatives 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 updated hours.



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

*See website for hours

Facebook

@BayParkConveyance

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.

If you are joining by phone, press *6 to unmute yourself.



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

Speaker Instructions

00:03:00



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THANK YOU!

