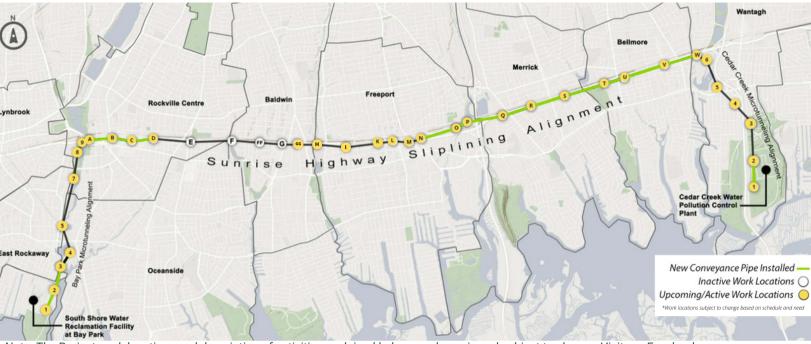
Department of



# CONSTRUCTION LOOK AHEAD

# February 2023



Note: The Project work locations and description of activities explained below are dynamic and subject to change. Visit our Facebook page @BayParkConveyance for weekly and more frequent updates regarding project activities, locations, and lane closures. Call the 24/7 Project Hotline at (516) 252-6121 with concerns and questions. Text "roadwork" to "888777" to receive updates on County-wide daily road and lane closures.

## SUNRISE HIGHWAY SLIPLINING

For the duration of the Project, we ask for your cooperation adhering to traffic safety along work zone areas. Western Bays Constructors (WBC) is coordinating with New York State Department of Transportation (NYSDOT) to communicate lane closures on their Variable Message Signs (VMS). WBC is also communicating with Nassau County Traffic Management about weekly lane closures. The locations, dates, and hours of operation are shared with the public through in-person outreach, e-mails, and the Project's website and Facebook page. Unless otherwise noted, work will take place overnight Monday through Friday, from 9 p.m. to 6 a.m. During these hours, two eastbound lanes will be closed, and one eastbound lane will remain open. In addition, intermittent daytime work may take place and temporary single lane closures on Sunrise Highway may occur for short periods during the day to support construction and ensure the safety of the traveling public. WBC will continue to monitor and control any potential noise, vibrations, and settlement from construction activities.

### Pit B (Rockville Centre)

- Pit B is located on the south side of Sunrise Highway between N. Village Avenue and N. Park Avenue.
  - o Sliplining and annular grouting at Pit B are complete.
  - o In February, crews will continue work to install a manhole at Pit B.

### Pits GG, H, I, K, L, and M (Freeport and Baldwin)

- Pit GG is located on the south side of Sunrise Highway just east of Central Avenue. Pit H is located on the south side of Sunrise Highway west of S. Brookside Avenue. Pit I is located on the south side of Sunrise Highway just west of Madison Avenue. Pit K is located on the south side of Sunrise Highway between South Long Beach Avenue and South Bergen Place. Pit L is located on the south side of Sunrise Highway just east of Guy Lombardo Avenue. Pit M is located on the south side of Sunrise Highway, between Main Street and Front Street.
  - In February, crews will install SOE at Pits GG, H, and I in preparation for sliplining.
  - Installation of SOE can cause periods of noise and vibration.
  - o SOE installation is complete at Pits K, L, and M.
  - Sliplining is underway between Pit K and Pit M. Annular grouting between Pit K and Pit M will follow.

## SUNRISE HIGHWAY SLIPLINING

#### Pits N, O, and P (Freeport)

- Pit N is located on the south side of Sunrise Highway, just west of Newton Boulevard. Pits O and P are located on the north side of Sunrise Highway, west of the Meadowbrook Parkway.
  - Sliplining and annular grouting between Pit N and Pit P are complete.
  - 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 crews in the area.



Pipe Storage on Sunrise Highway (January 2023)

### Pit S (Merrick)

- Pit S is located on the south side of Sunrise Highway, east of the Meadowbrook Parkway between Hewlett Avenue and Wynsum Avenue.
  - Sliplining and annular grouting are complete from Pits P through W.
  - In February, crews will continue work to install a manhole at Pit S.

### Pit W (Wantagh)

- Pit W is located on the south side of Sunrise Highway just west of Lakeview Road in Wantagh.
  - 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 force main.
  - SOE installation and excavation activities will continue through February.
  - Hydrostatic testing is underway between Pit O and Pit W.
  - Construction activities will take place Monday through Friday, from approximately 9 a.m. to 3 p.m. with the potential
    for overnight work. While work is underway, one eastbound lane will be closed. Additionally, a left turn restriction
    will be in effect on Sunrise Highway at Lakeview Road.

#### Pit D and Pit A/Bay Park Shaft 9 (Rockville Centre)

- A construction entrance is established at Pit D, located at Joyce Field in Rockville Centre on the north side of Sunrise Highway, for storage and laydown of materials. The sidewalk in front of Joyce Field, between Morris Avenue and N. Forest Avenue will remain closed for the duration of the Project until 2024. Maintenance and Protection of Traffic (MPT) and Work Zone Traffic Control (WZTC) signage are in place to assist and direct pedestrians. When walking past Pit D, pedestrians are directed to cross Sunrise Highway at either N. Forest Avenue or Morris Avenue.
- A construction entrance is set at BP9/Pit A, located at the Sunrise Highway/Merrick Road Interchange in Rockville Centre.
  - Sliplining and annular grouting are complete from Pit A to Pit D. Hydrostatic testing will commence in February.
  - These pits are off the roadway and use of the area is not expected to impact the traveling public. There will be a consistent presence of construction vehicles and crews.

#### **Temporary Roadway Restoration**

• WBC has worked to temporarily restore the roadway at several pits where sliplining, annular grouting, and supporting activities are complete. Pits C, Q, R, T, U, and V are backfilled, concrete roadway panels are removed, and temporary paving is complete. Final roadway restoration will occur in 2023.

# BAY PARK MICROTUNNELING

In the immediate areas surrounding Bay Park shaft sites, residents will notice an increase in construction vehicles and crews. WBC will continue to monitor and control any potential noise, dust, vibrations, and settlement from construction activities. Unless otherwise specified, work activities are expected to occur between 6 a.m. – 5 p.m., Monday through Friday. Saturday work is not expected in February. We will continue to update the public as more information becomes available.



Pump Station Construction (January 2023)

### Bay Park Shafts 1 and 2

- Shaft 1 (BP1) is located within the footprint of the South Shore Water Reclamation Facility at Bay Park.
   BP2 is located within the boundaries of Nassau County's Bay Park, at the northeast corner of Marjorie Lane.
  - Next to BP1, crews continue construction of a new pump station, a wet well, and a diversion structure.
  - In February, crews will form and install rebar for the first-floor columns of the pump station.
  - Microtunneling and grouting operations are complete from BP1 to Bay Park Shaft 3 (BP3).
  - BP1 and BP2 are backfilled and restoration efforts continue.

### **Bay Park Shaft 3**

- BP3 is located on private property, off New Street in Oceanside.
  - The microtunnel boring machine (MTBM), "MARSH-MELLOW", is progressing from BP3 to Bay Park Shaft 4.

## **Bay Park Shaft 4**

- BP4 is located on private property, off New Street in Oceanside.
  - Crews will continue to prepare the site to receive MARSH-MELLOW from BP3.
  - The MTBM will then microtunnel from Bay Park Shaft 5 (BP5) to BP4.

### **Bay Park Shaft 5**

- BP5 is located at the East Rockaway Oxbow Park, off Ocean Avenue near the East Rockaway LIRR Station.
  - Shaft excavation is complete.
  - In February, crews will continue to prepare the site for microtunneling.
  - To facilitate construction activities, access to parking spaces within the parking lot near Oxbow Park will remain closed until approximately summer 2023.
  - During this time, the public will notice pipe storage at the Oxbow Park parking lot.



BP4 Shaft and Construction Site (November 2022)

### Bay Park Shafts 7 and 8

- BP7 is located at the Rockville Centre Department of Public Works Yard, off Mill River Avenue and Riverside Road. BP8 is located at Rockville Centre's Lister Field, at the Mill River Complex Park.
  - At BP7, shaft excavation is complete. Crews are constructing a reinforced concrete liner wall. Shaft excavation at BP8 will commence in March.
  - Crews will continue to use both site locations for storage and laydown purposes.

# CEDAR CREEK MICROTUNNELING

In the immediate areas surrounding Cedar Creek shaft sites, residents will notice an increase in construction vehicles and crews. WBC will continue to monitor and control any potential noise, dust, vibrations, and settlement from construction activities. Unless otherwise specified, work activities are expected to occur between 6 a.m. - 5 p.m., Monday through Friday. During the month, additional weekend work is expected.

#### Cedar Creek Shaft 1

- Shaft 1 (CC1) is located within the footprint of the Cedar Creek Water Pollution Control Plant (WPCP). Work at this location will have no noticeable impact to Cedar Creek Park users.
  - o Microtunneling is complete between CC1 and Cedar Creek Shaft 2 (CC2).
  - Crews will continue work on the receiving tank structure and install SOE to construct the connection with the outfall conduit.
  - Helical Pile installation will commence in early February.

#### Cedar Creek Shaft 2

- · CC2 is located within the footprint of the Cedar Creek WPCP. Work at this location will have no noticeable impact to Cedar Creek Park users.
  - o P.O.S.E.I.D.O.N. completed microtunneling from CC2 to Cedar Creek Shaft 3.



SOE Installation at CC6 (December 2022)

#### Cedar Creek Shafts 3 and 4

- CC3 is located at Cedar Creek Park, near the entrance to the Wantagh State Parkway and Jones Beach Bike Path. CC4 is located off King Road near St Regis Street in Wantagh.
  - At CC3, shaft excavation is complete.
  - At CC3, post microtunneling activities are underway including removing P.O.S.E.I.D.O.N. from the shaft followed by grouting.
  - o The Jones Beach Bike Path will remain open to the public throughout construction. While all active work will be confined to a fenced site, construction-related vehicles will need to enter and exit the site. Please be mindful of construction vehicles as they enter and exit the park and follow signage and/or direction from flagging personnel in the area.
  - Pipe will continue to be stored directly adjacent to the CC4 site.

#### Cedar Creek Shafts 5 and 6

- CC5 is located at the intersection of Brookside Avenue and Linden Street, just west of the Wantagh State Parkway. CC6 is located just off Lakeview Road, south of Sunrise Highway in Wantagh.
  - SOE installation and shaft excavation are complete at CC5. Crews are preparing the site for microtunneling.
  - At CC6, SOE installation and excavation activities continue.



## Did You Know?

A major component of any microtunneling operation is the process of grouting. Grouting supports and improves the pipe's water tightness, strength and stability. For microtunneling, grouting fills the void created between the soil or rock and the new conveyance pipe. Grouting is also used for sliplining on this Project to fill the annular space between the aqueduct and the new pipe. Grouting further stabilizes the new pipeline, which is constructed using materials and methods to provide a 100-year service life.



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Website www.bayparkconveyance.org





**Community Information Center** 265 Sunrise Highway Rockville Centre, NY 11570 \*Check website for hours