



The Bay Park Conveyance Project

A Western Bays Resiliency Initiative



Department of
Environmental
Conservation



WESTERN BAYS CONSTRUCTORS
PICONE | NORTHEAST REMSCO

2023 YEAR IN REVIEW NEWSLETTER



HIGHLIGHTS

- Project Goals and Benefits
- Key Project Milestones
- Restoration and Prioritizing Safety
- Community Engagement
- Progress Summary

Protecting Our Community for the Future

PROJECT GOALS AND BENEFITS

The Bay Park Conveyance Project is a partnership between the New York State Department of Environmental Conservation (NYSDEC) and the Nassau County Department of Public Works (NCDPW). NYSDEC and NCDPW are improving water quality and storm resiliency in Long Island's Western Bays by upgrading its wastewater management infrastructure. The Project will convey treated water from the South Shore Water Reclamation Facility (WRF) at Bay Park to the existing Cedar Creek Water Pollution Control Plant's (WPCP) ocean outfall pipe, which discharges and diffuses treated water three miles offshore in the Atlantic Ocean.

This Project will restore the Western Bays by reducing the amount of nitrogen released into the waters. This will improve the Western Bays' water quality, promoting the recovery of the marshlands and restoring their ecology. A healthy marshland will improve storm resiliency and increase recreational and economic opportunities for the coastal communities and beyond.



Storm Protection



Quality of Life



Economic Benefits



MEETING KEY PROJECT MILESTONES



SLIPLINING IS COMPLETE

Crews completed sliplining along Sunrise Highway this year, successfully installing 37,926 linear feet of new pipe within the abandoned aqueduct spanning from western Rockville Centre to western Wantagh. This achievement stands as a significant milestone for the Project. We extend our gratitude to the men and women who worked through nighttime hours to achieve this milestone safely and efficiently.

FINAL MICROTUNNELING DRIVE COMPLETED

WBC successfully completed the twelfth and final microtunnel drive along the Project corridor, marking the completion of microtunneling for the Project.

- ✓ 8 microtunneling shafts on the Bay Park alignment
- ✓ 6 microtunneling shafts on the Cedar Creek alignment
- ✓ 3.6 miles of force main constructed through microtunneling
- ✓ 6-foot diameter pipe



2023 PROGRESS SUMMARY

SOUTH SHORE WRF PROGRESS

Construction progressed at the South Shore WRF on the wet well, diversion structure, and new pump station. The effluent diversion pump station structure is now 80% complete. This building will house four 900 horsepower pumps that will pump treated water through the new conveyance to the Cedar Creek WPCP receiving tank. Each pump is capable of a maximum pumping rate of 18,200 gallons per minute, and up to three pumps will operate simultaneously. Final enclosure of the pump station is underway with construction of the roof. In 2024, electrical work and pump installation will commence. Here's a glimpse of the progress made in 2023 on these new structures.



January 2023



March 2023



April 2023



June 2023



August 2023



December 2023

2023 PROGRESS SUMMARY (CONTINUED)

CEDAR CREEK RECEIVING TANK STRUCTURE



This year crews began to construct the receiving tank at the Cedar Creek WPCP property. It is nearing the final stages of construction. The receiving tank, constructed to hold up to 350,000 gallons of treated water, is designed to allow the water received from the conveyance to flow by gravity from the tank to the ocean outfall pipe. The tank's outflow is automatically controlled by forces of gravity, tide height, and existing pressures from the pumped treated water discharges from the Cedar Creek WPCP. A carefully integrated system of tank level controls and state-of-the-art communication tools will synchronize and orchestrate the function of the new infrastructure.



June 2023



July 2023



August 2023



October 2023



December 2023

RESTORATION OF CONSTRUCTION SITES

WBC performed final roadway restoration across Sunrise Highway in the areas where the road was disturbed to support sliplining activities. Restoration progressed quickly in 2023 at all roadway pit locations.

Restoration activities also commenced at several shaft sites where microtunneling was performed. Restoration activities included backfilling shafts, regrading and restoring features present before construction.

- ✓ **24** work pits along Sunrise Highway Aqueduct
- ✓ Repurposing **7.2** miles of existing aqueduct
- ✓ **5-foot** diameter pipe
- ✓ **1000+** daily commuters and **100+** businesses along the Project corridor



PRIORITIZING SAFETY



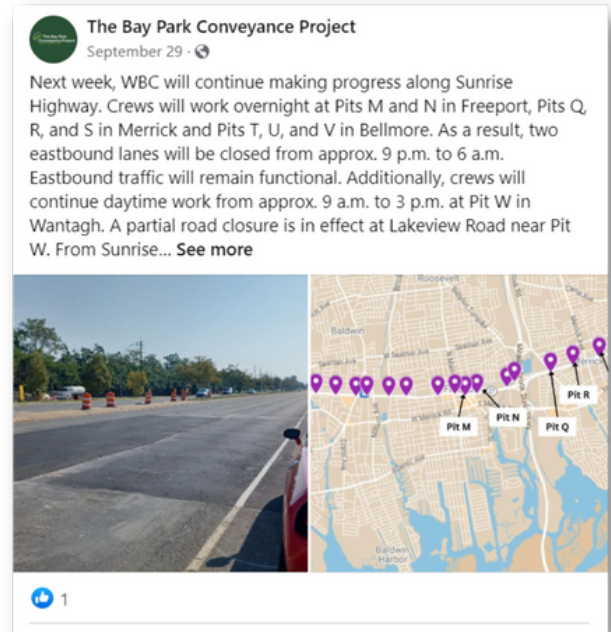
Prioritizing safety is of utmost importance for this Project, and WBC is dedicated to safeguarding the health and well-being of our workers and the public. As part of our ongoing efforts, WBC conducted a mock emergency rescue drill in collaboration with the East Rockaway Fire Department. Our Monthly Meetings with elected officials and first responders keep them informed and up to date on the Project's progress.

COMMUNITY ENGAGEMENT

The Bay Park Conveyance Project's Outreach Team is committed to actively engaging the public and ensuring that residents along the Project corridor stay well-informed about the ongoing construction activities. In 2023, the Outreach Team took proactive measures by distributing over 1,000 construction notices to residences and businesses near our work sites. The team organized three Public Information Sessions and conducted ten meetings with elected officials. Our goal is to keep the community apprised of construction activities while providing essential information about the Project's benefits and goals.



"Before You Go" Facebook Campaign Posted Weekly



Door-to-Door Canvassing, Construction Look Aheads and E-Blasts



Dedicated 24/7 Project Hotline, Email, Facebook and Website



"What's Happening Here" Signs at Each Work Location



Numerous Informational Meetings with the General Public and Stakeholders





Final microtunnel drive completed for
the Bay Park Conveyance Project



Website

www.bayparkconveyance.org



24/7 Project Hotline

(516) 252-6121



Email

BayParkConveyance@gmail.com



Facebook

@BayParkConveyance



Community Information Center

265 Sunrise Highway

Rockville Centre, NY 11570

*See Website for Hours