

# Virtual Meeting Format

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

**2**  Project Presentation

**3**  Live Question & 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.



# The Bay Park Conveyance Project

A Western Bays Resiliency Initiative

**Public Information Session**  
**October 7, 2021**



Department of  
Environmental  
Conservation





# Agenda

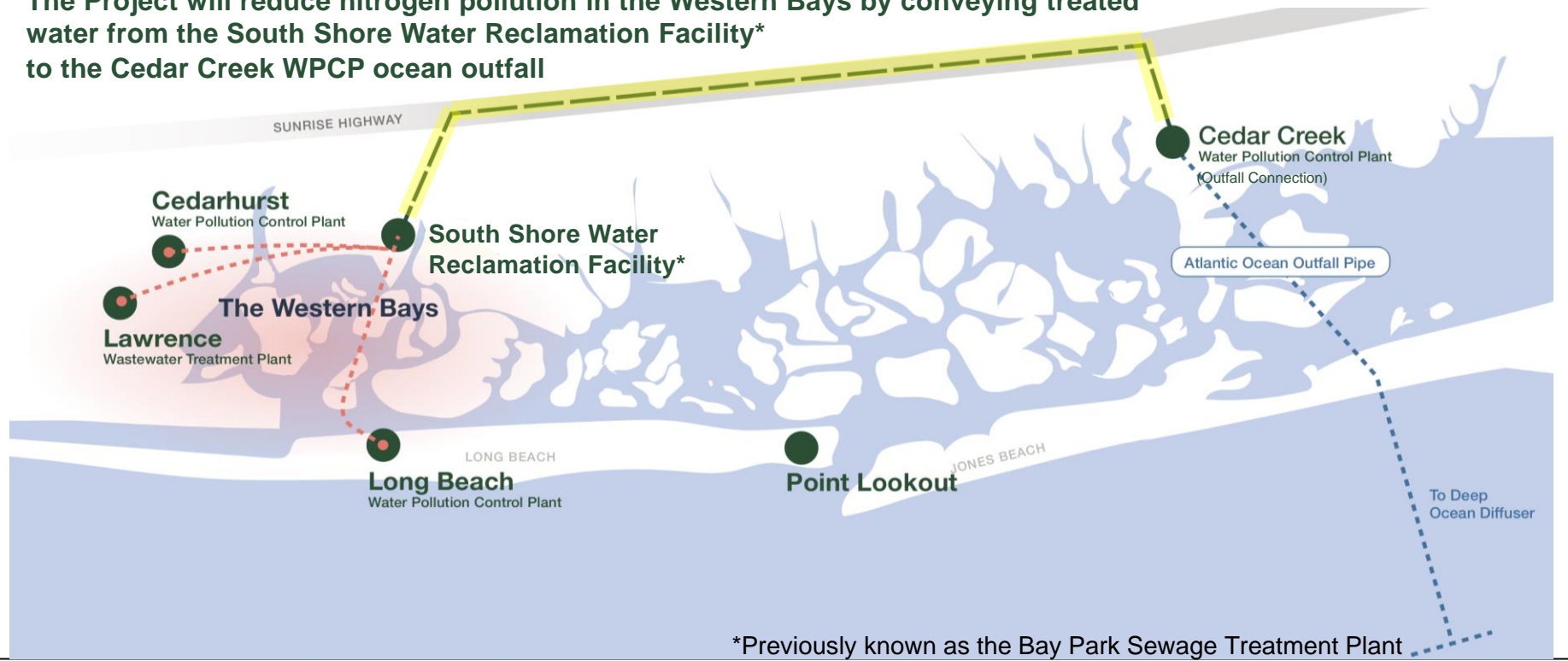
- 1. Project Overview**
- 2. Construction Progress**
- 3. Upcoming Construction**
- 4. Public Outreach**
- 5. Question and Answer Session**



## Project Overview

# The Bay Park Conveyance Project

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 WPCP ocean outfall



\*Previously known as the 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

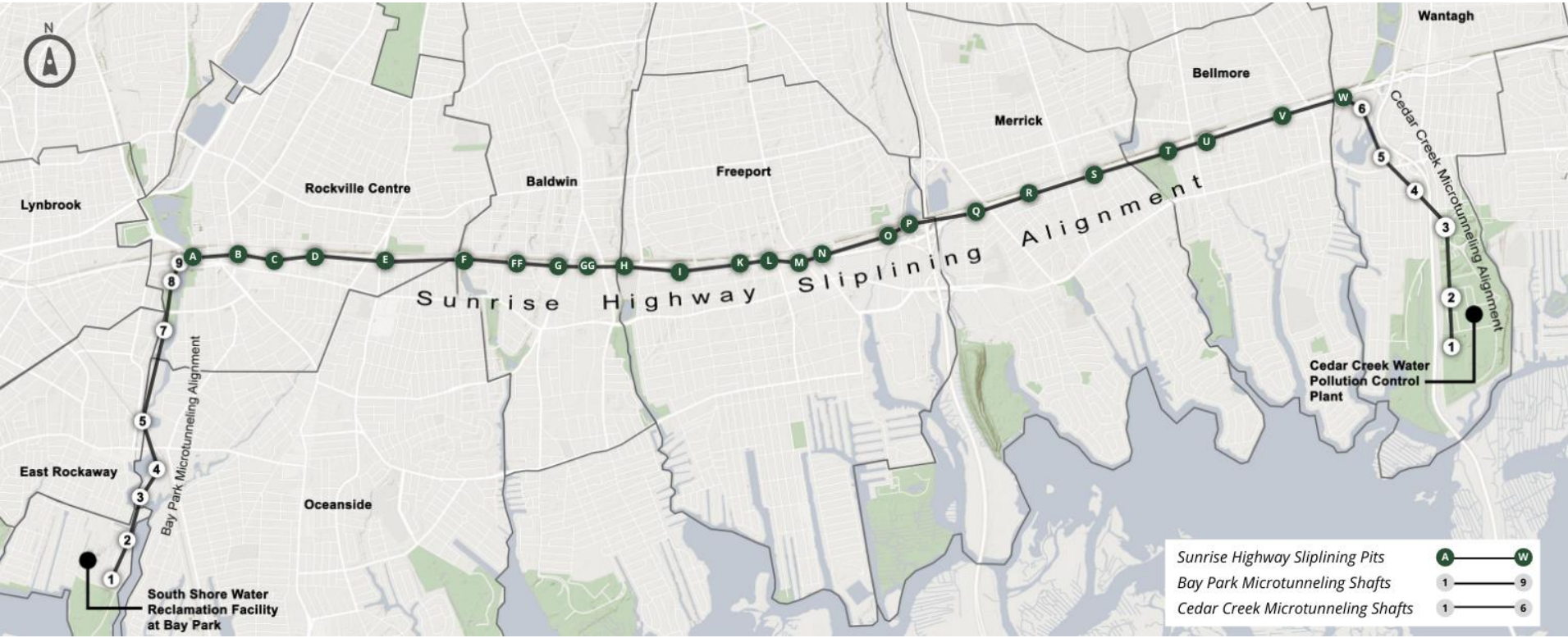
Maximize quality of life by providing residents a place to work and play



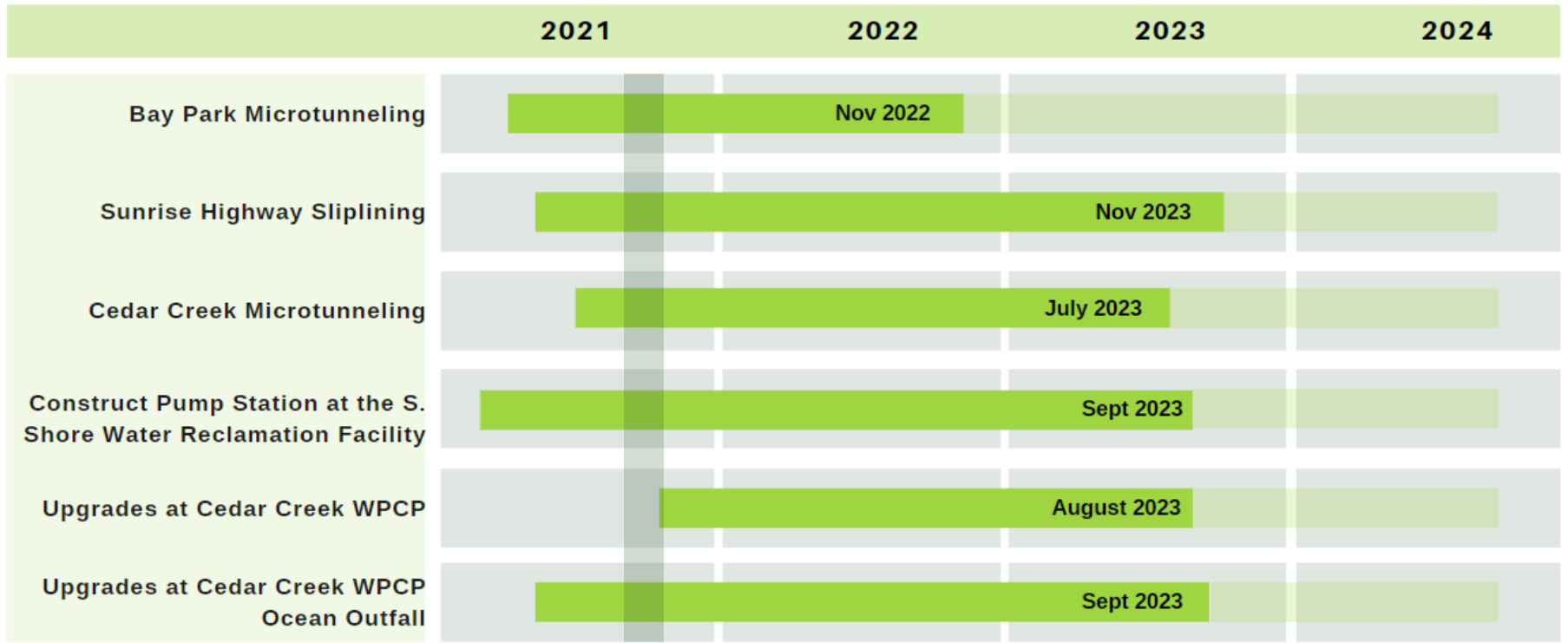
## Economic Benefits

The ecological recovery of the Western Bays and improved water quality will enhance and expand water-based recreational and commercial opportunities

# Bay Park Conveyance Project Overview



# Project Timeline



**We Are Here**

*Final Acceptance Aug 2024*



# Project by the Numbers

- 8 Bay Park Microtunneling Shafts
- 24 Work Pits along Sunrise Highway Aqueduct
- 6 Cedar Creek Microtunneling Shafts
- 57,024 Total Linear Feet of Pipe
- 42 Months of Construction

# Construction Techniques

- **Microtunneling** – Utilizes a Microtunnel Boring Machine 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 in advance of microtunneling and sliplining
- **Jet Grouting** - A technique used as a means for groundwater control in advance of microtunneling





**Construction Progress**

# Bay Park Alignment



- BP 1: SOE and jet grout installation ongoing during swing shift from 7AM to 1:30AM, M-F.
- BP 2: Shaft SOE complete. Microtunnel Boring Machine (MTBM) has been mobilized to the site.
- BP 3: SOE installation has begun.
- BP 4: Crews are mobilizing to the shaft site.

# Bay Park Alignment



- BP 5: Gazebo, light post & benches removed. Site fencing and erosion control set in place.
- BP-7: Site has been prepared in advance of SOE mobilization.
- BP-8: Site has been prepared. Some SOE equipment has been mobilized to the site.
- BP 9: Maintenance and Protection of Traffic (MPT) has been installed.

# Sunrise Highway Alignment



- Construction has begun at 10 out of 24 pit locations.
- Long term MPT has been set at BP9/Pit A, Pit D, and Pit O.
- SOE installation has begun at Pit P.

# Cedar Creek Alignment



- CC 1 and CC 2: Utility relocation has begun.
- CC 3: Site preparation has begun.

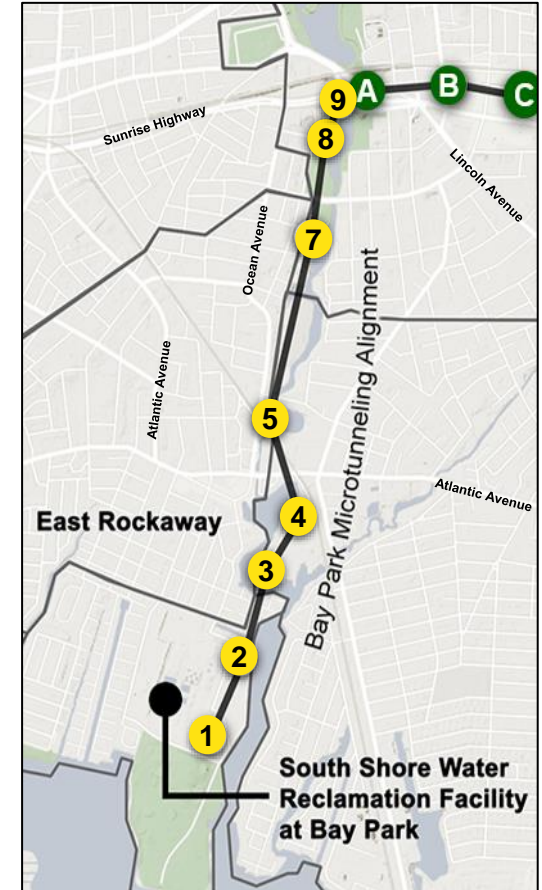


**Upcoming Construction**



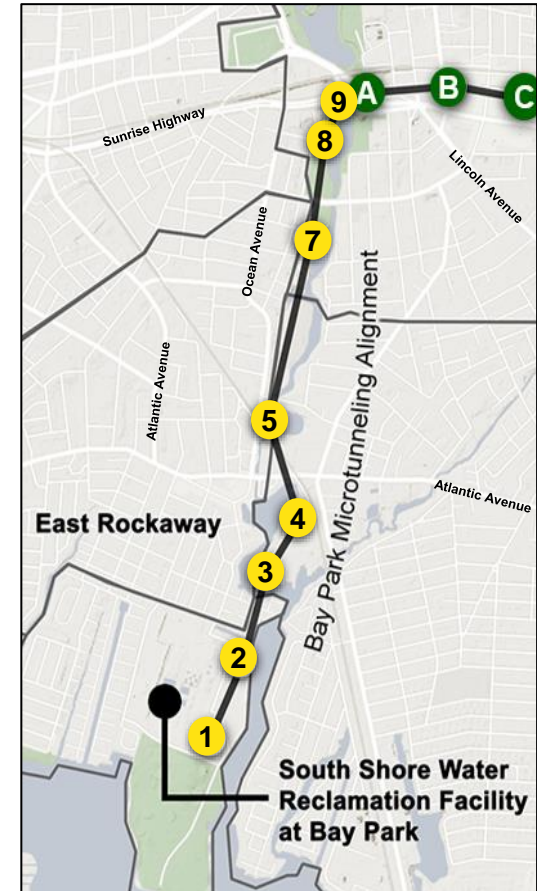
# Bay Park Microtunneling

- Shaft 1 – SOE and jet grout installation complete.
    - Excavation at microtunneling shaft will begin in mid-October
  - Shaft 2 – Shaft excavation and microtunneling prep will continue through October
  - Shaft 3 – SOE installation will continue, followed by shaft excavation this Fall
- First microtunneling drive from Shaft 2 to Shaft 1 is scheduled for November 2021



# Bay Park Microtunneling

- Shaft 4 – Site preparation will begin in October.
- Shafts 5 – Site preparation will continue through the Fall.
- Shaft 7 – SOE installation anticipated for November.
- Shaft 8 – SOE installation anticipated for October.
- Shaft 9 – Long-term MPT in place. Site preparation to continue through the Fall.



# Sunrise Highway Sliplining

- Aqueduct survey will continue between Pits A-N. Aqueduct survey anticipated to be complete in November.
- Sheet pile installation has begun at Pit P. Sheet pile installation to be at Pit O in October. This activity will continue to progress eastward along Sunrise Highway, beginning at Pit Q, through the remainder of the year.
- Prior to sheet pile installation, long-term MPT will be placed at Pit Q the coming weeks followed by Pits R, S, T & W.
- Sliplining is anticipated to begin in December at Pit P.

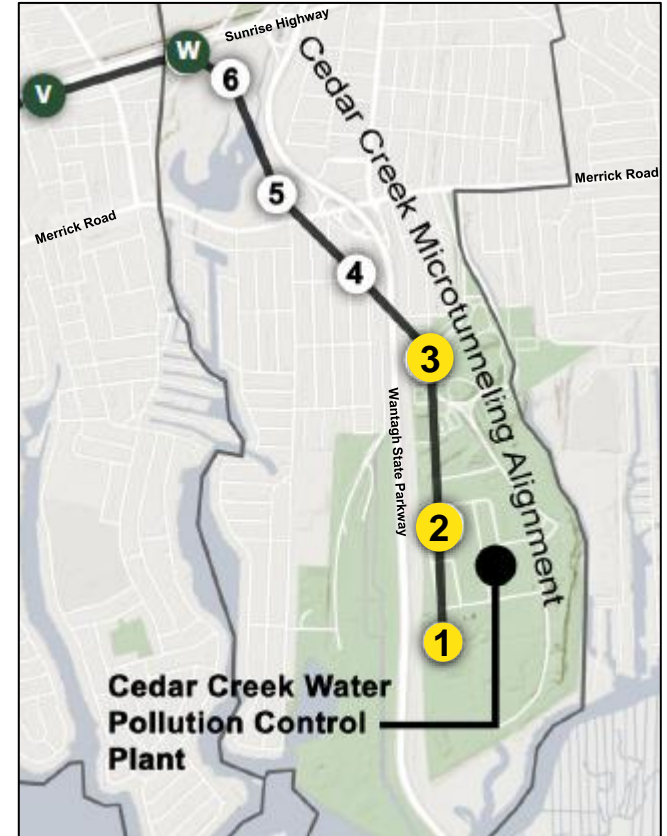


# Addressing Sunrise Highway Construction Impacts

- WBC is committed to maintaining three lanes of traffic along Sunrise Highway from 6 a.m. – 9 a.m. and 3 p.m. – 9 p.m. when possible.
- Work Zone Traffic Control (WZTC) and MPT signage will be in place to assist motorists and pedestrians around lane closures.
- Variable Message Signage (VMS) boards will be in place in advance of lane closures.
- Most construction is occurring during overnight hours, between 9 p.m. – 6 a.m.

# Cedar Creek Microtunneling

- Shaft 1 – Utility relocation complete
  - Site prep to continue throughout the Fall
- Shaft 2 – Guidewall construction to start in October
  - SOE installation scheduled to begin in October
- Shaft 3 – Site preparation to begin with fencing, MPT and WZTC in October
  - Utility relocation to begin in October
  - SOE installation to begin in December
- Shafts 4, 5 and 6 – Clearing and grubbing anticipated to begin in November



# Spotlight on Safety & Construction Site Tidiness



- All work pits and shafts will be enclosed and protected with fencing, inaccessible to the public
- Following all OSHA guidelines
- Community Air Monitoring Program (CAMP) active during construction
- Monitoring for air quality, dust and vibrations
- Quality control team will be present during each operation



# Public Outreach

# Nassau County Roadway Safety Campaign

- On Wednesday, September 8, Nassau County Executive Laura Curran was joined by Commissioner of Police Patrick Ryder to announce a crackdown on reckless driving in work zones throughout the County.
- Safety measures include an increase in police patrols and enforcement near roadwork sites throughout the County.
- WBC will be coordinating on an as-needed basis with NCPD.
- Text “roadwork” to “888777” to receive updates on daily road and lane closures.



Photo Credit: Nassau County Press Office



# Community Outreach Program

- Door-to-door canvassing
- Construction lookaheads and e-blasts
- Regular meetings with project stakeholders
- Dedicated 24/7 project hotline, email, Facebook and website
- 21 virtual or in-person meetings since NTP
- “Before You Go” Facebook campaign posted every Friday
- Coordination with Nassau County Police Department
- “What’s Happening Here” signs at each work location
- MTBM Naming Contest launched
- Attendance at Bellmore Fair on September 25



# Community Information Center (CIC)

- The CIC, located at 265 Sunrise Highway, Rockville Centre, was opened Monday, October 4, 2021
- WBC will offer in-person and virtual meetings from the CIC
- A Project Representative will be present:
  - M, W and F: 8am - 3pm
  - Tu and Th: 12pm - 7pm
  - Every other Sat: 9am - 12pm
  - Available to meet by appointment



# Contact Us



**24/7 Project Hotline**  
(516) 252-6121



**Community Information Center**  
265 Sunrise Highway  
Rockville Centre, New York 11570  
*\*See website for hours*



**Email**  
BayParkConveyance@gmail.com



**Facebook**  
@BayParkConveyance



**Website**  
[www.BayParkConveyance.org](http://www.BayParkConveyance.org)



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

00:03:00

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**Thank You!**