



# The Bay Park Conveyance Project

A Western Bays Resiliency Initiative

**DBE, M/WBE, and SDVOB**

**Information and Opportunity Session**




**February 1, 2022**



Department of  
Environmental  
Conservation



# 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.



# Agenda

- 1. Project Overview**
- 2. Construction Overview**
- 3. Upcoming Opportunities**
- 4. How to Get Involved**
- 5. Question and Answer Session**



# Project Overview

# The Western Bays

## The Problem

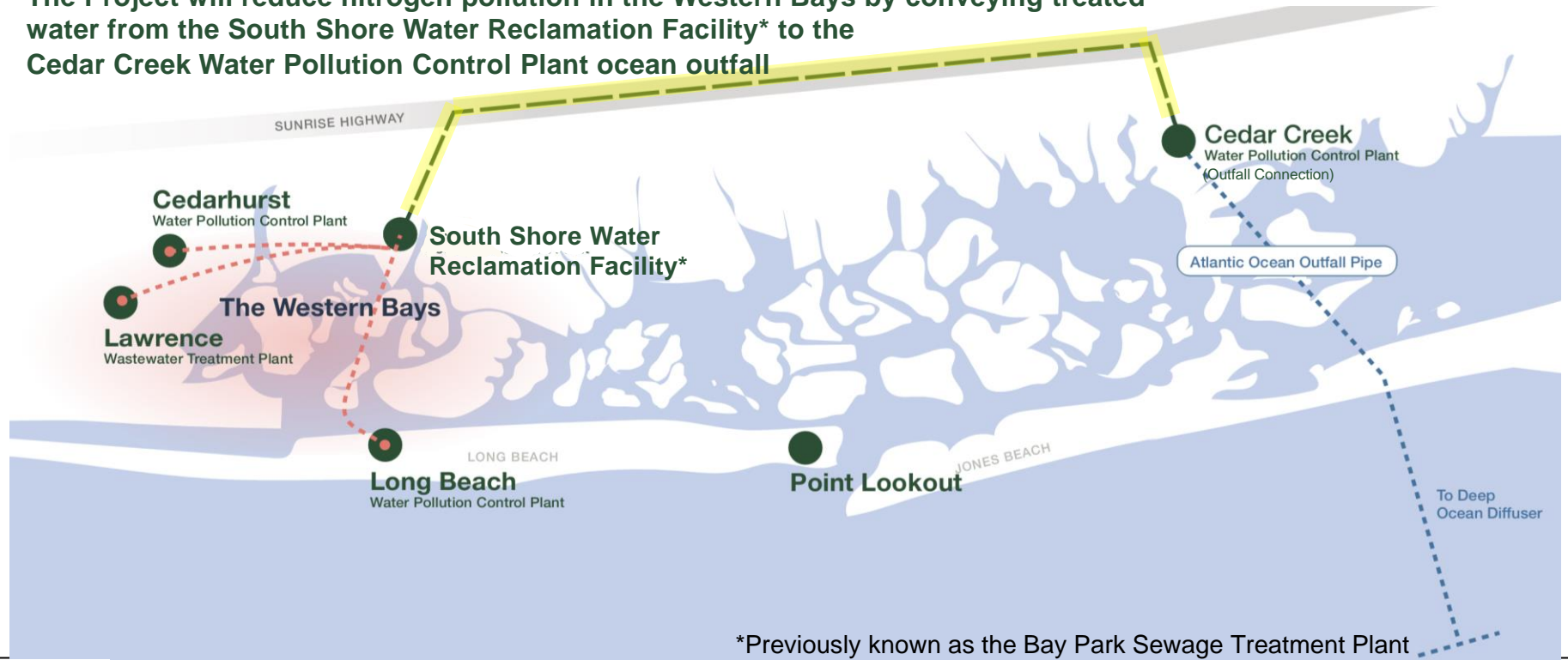
The South Shore Water Reclamation Facility discharges treated water into Reynolds Channel. Water flow paths in Reynolds Channel are limited and the turnover of water to the Atlantic Ocean is slow. This results in the buildup of nitrogen in the waters of the Western Bays.



\*Previously known as the Bay Park Sewage Treatment Plant

# The Bay Park Conveyance Project

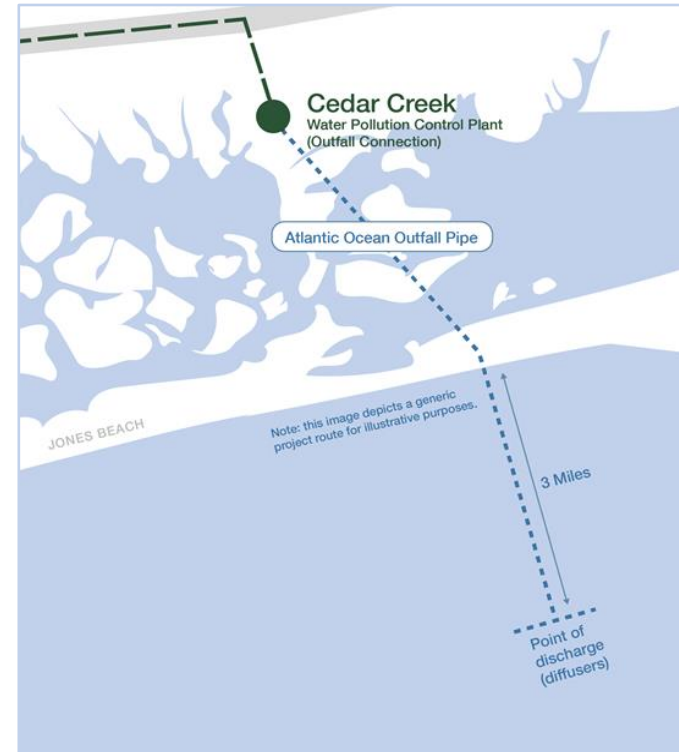
The Project will reduce nitrogen pollution in the Western Bays by conveying treated water from the South Shore Water Reclamation Facility\* to the Cedar Creek Water Pollution Control Plant ocean outfall



\*Previously known as the Bay Park Sewage Treatment Plant

# Discharge Point: Existing Cedar Creek Water Pollution Control Plant (WPCP) Ocean Outfall

- Treated water will travel 7-miles from Cedar Creek WPCP to the existing ocean outfall (approximately 3-miles offshore)
- Existing ocean outfall pipe has 120 diffuser ports over the span of a mile
- Due to the Cedar Creek outfall location and diffusers, the treated discharge disperses quickly into the surrounding ocean water



# Project Background: 2020 Bay Park Agreement



**Department of  
Environmental  
Conservation**

**In partnership  
with**



**The goal of the 2020 Bay Park Agreement is to meet the water quality standards contained in the South Shore Water Reclamation Facility.**



# Project Goals

- Revitalizing and repurposing existing infrastructure (Sunrise Highway Aqueduct)
- Consolidating wastewater treatment services to divert flows from Reynolds Channel (Western Bays)
- Removing nearly all of nitrogen loads (from Bay Park STP) from the Western Bays
- Rejuvenating marshlands and wetlands that provide storm attenuation



Top & bottom photos: Existing marshland conditions  
(source: NC press office)

# 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

# Disadvantaged, Minority and/or Women-Owned Business Enterprise and Service-Disabled Veterans' Business Goals

## Participation Goals:

- **23% Combined DBE and M/WBE**
- **6% SDVOB**



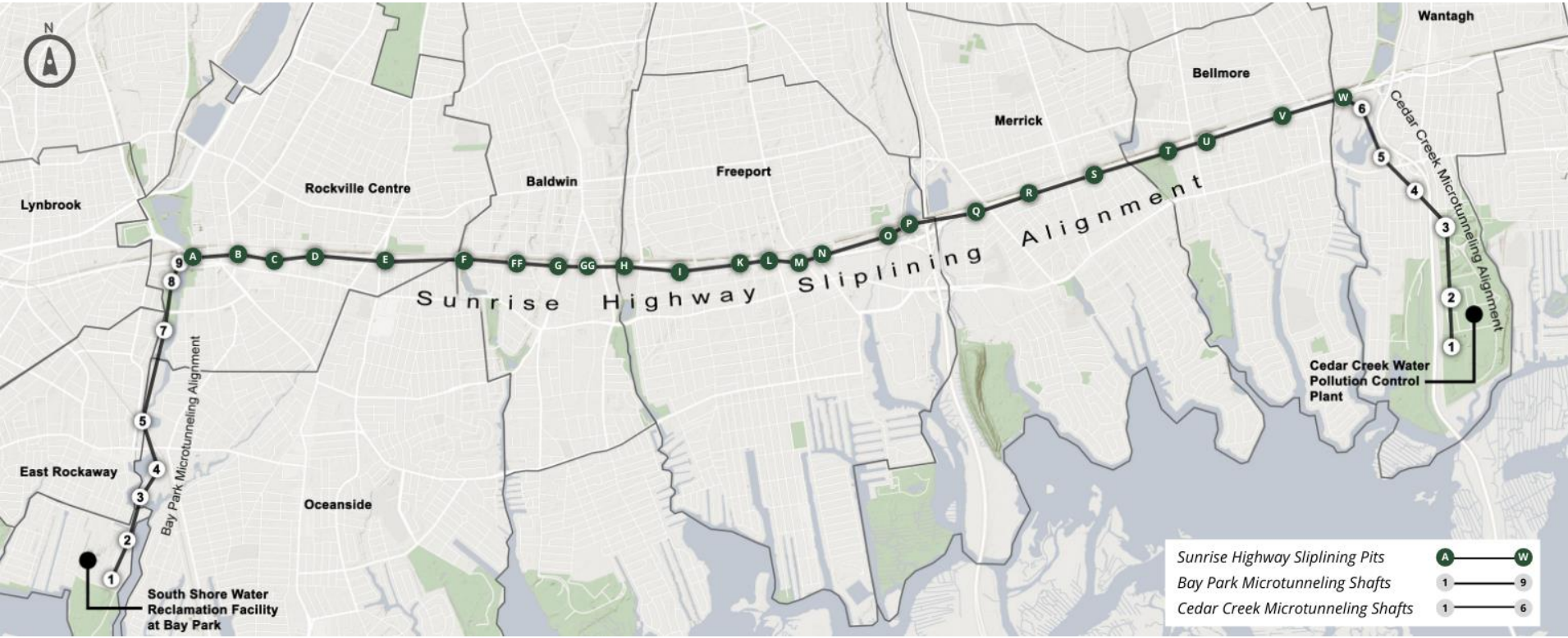
## Construction Overview and Progress

# 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



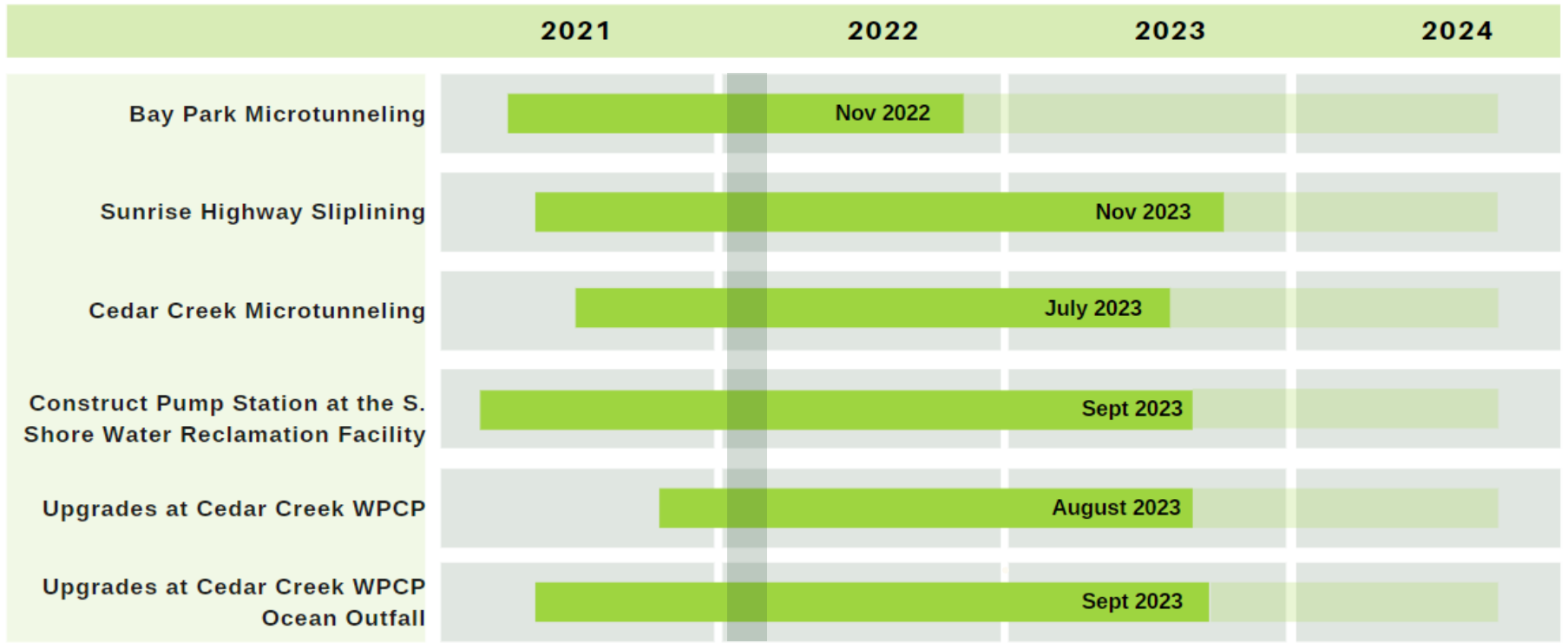
# Bay Park Conveyance Project



# 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

# Project Timeline



**We Are Here**

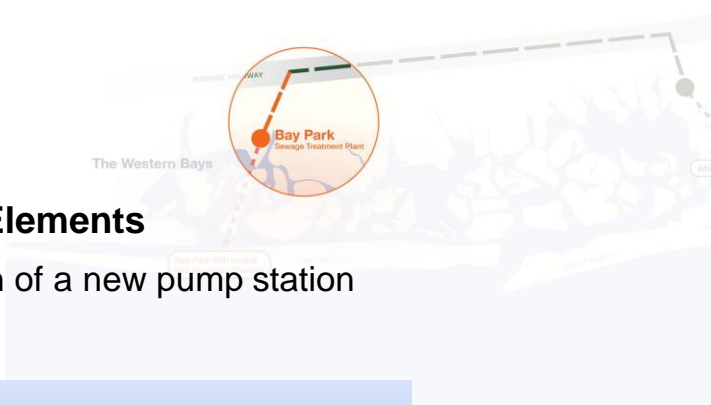
*Final Acceptance Aug 2024*





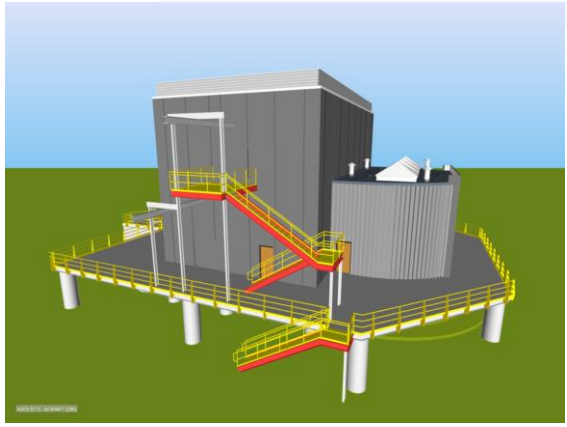
**Upcoming Opportunities**

# South Shore Water Reclamation Facility



## Main Project Elements

- Construction of a new pump station

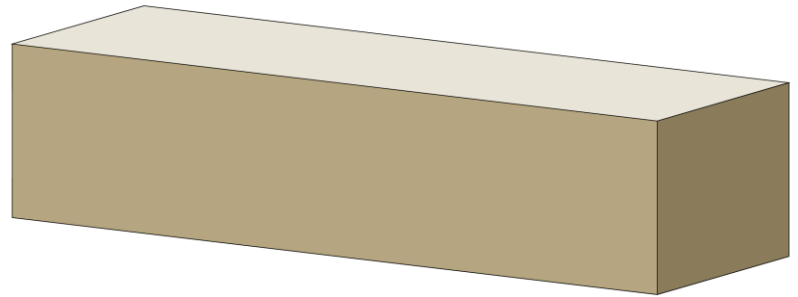
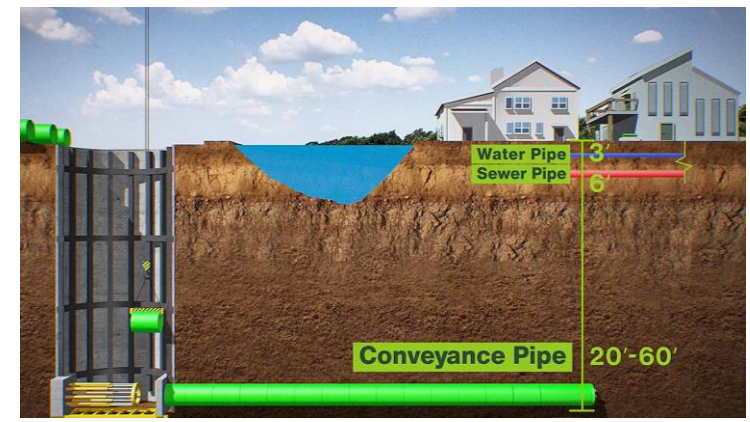


Bay Park Pump Station: Vendor Opportunities		
Pipe Supports	Sleeve type Couplings	Sump Pumps
Standpipe Tank	Plumbing Materials & Hangers	Licensed Plant Operator
Slide Gates	Pipe Insulation Subcontractor	Instrumentation
Gate Valves	Lubrication Consultant	Scada integration
Butterfly Valves	FRP Repair	Architectural Louvers
Knife Gate Valves	Millwrights	Signage
Plug Valves	Vibration & Decibel Test for Pumps	Painting
DI Pipe	Firestopping	Roofing
Copper Pipe	Insulation	Asphalt Paving & Milling
HVAC	Asbestos & Lead Abatement	Miscellaneous Metals

# Bay Park to Sunrise Highway Microtunnel

## Main Project Elements

- Construction of 2-mile force main through microtunneling

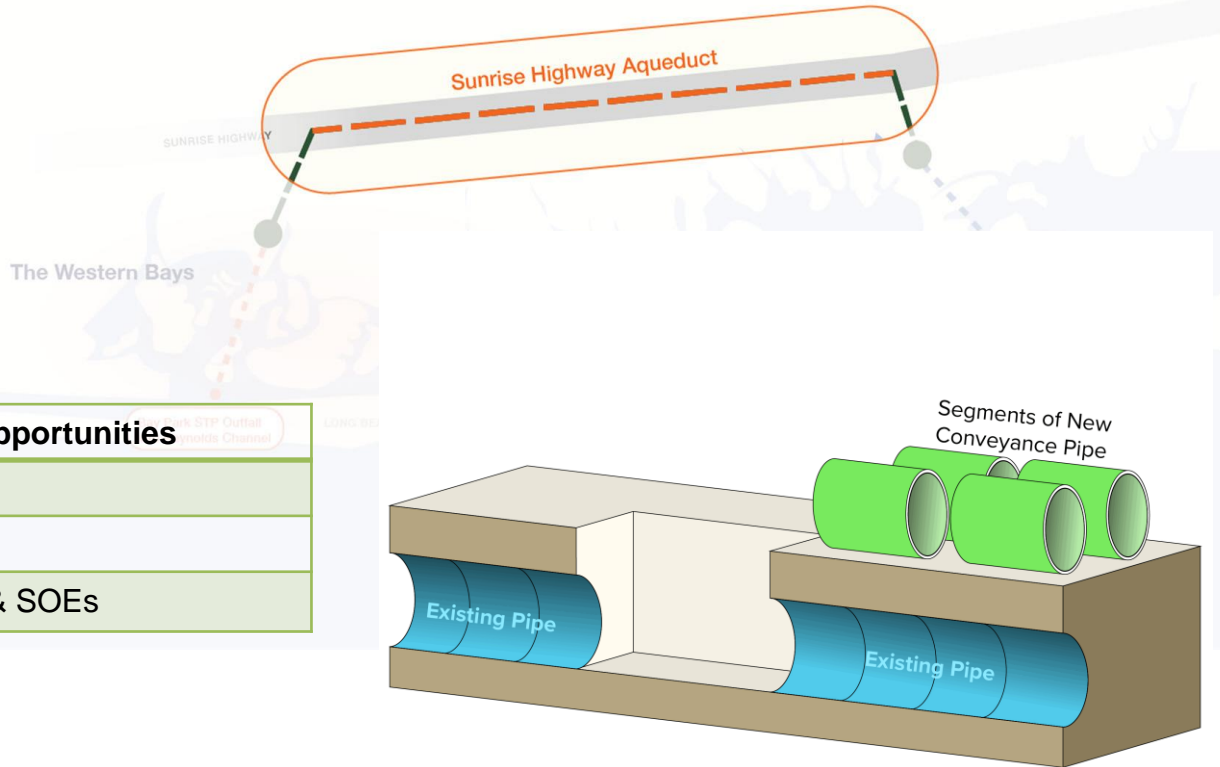


<b>Microtunneling: Vendor Opportunities</b>
72" WET TAP SUBCONTRACTOR
STEEL SHEET PILE - FLOODWALL & Support of Excavation (SOE)
GROUTING ANULUS - SLIP LINE

# Sunrise Highway Sliplining

## Main Project Elements

- Repurposing 7.3-miles of the existing aqueduct
- Innovative slip lining method to minimize disruption

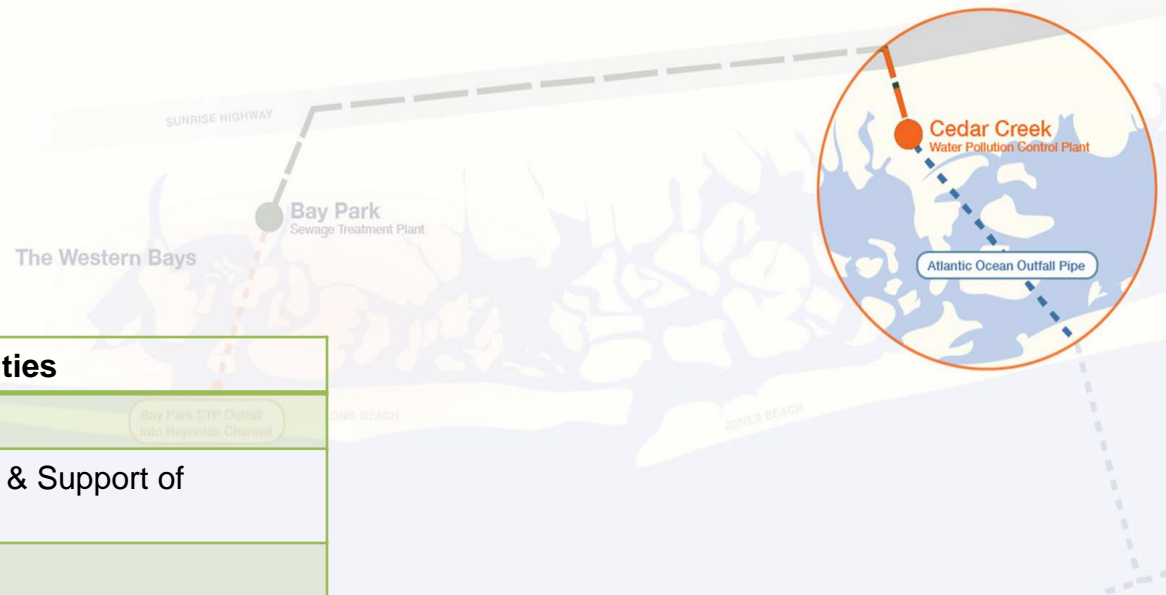


<b>Sliplining Procurement: Vendor Opportunities</b>
STRUCTURAL STEEL FOR Slip Line
GROUTING ANULUS - SLIP LINE
STEEL SHEET PILE - FLOODWALL & SOEs

# Sunrise Highway to Cedar Creek Microtunnel

## Main Project Element

- Construction of a 1.6-mile force main through microtunneling
- At Cedar Creek – Upgrade tide pumps, connect force main to ocean outfall



### Microtunneling: Vendor Opportunities

72" WET TAP SUBCONTRACTOR

STEEL SHEET PILE - FLOODWALL & Support of  
Excavation (SOE)

GROUTING ANULUS - SLIP LINE

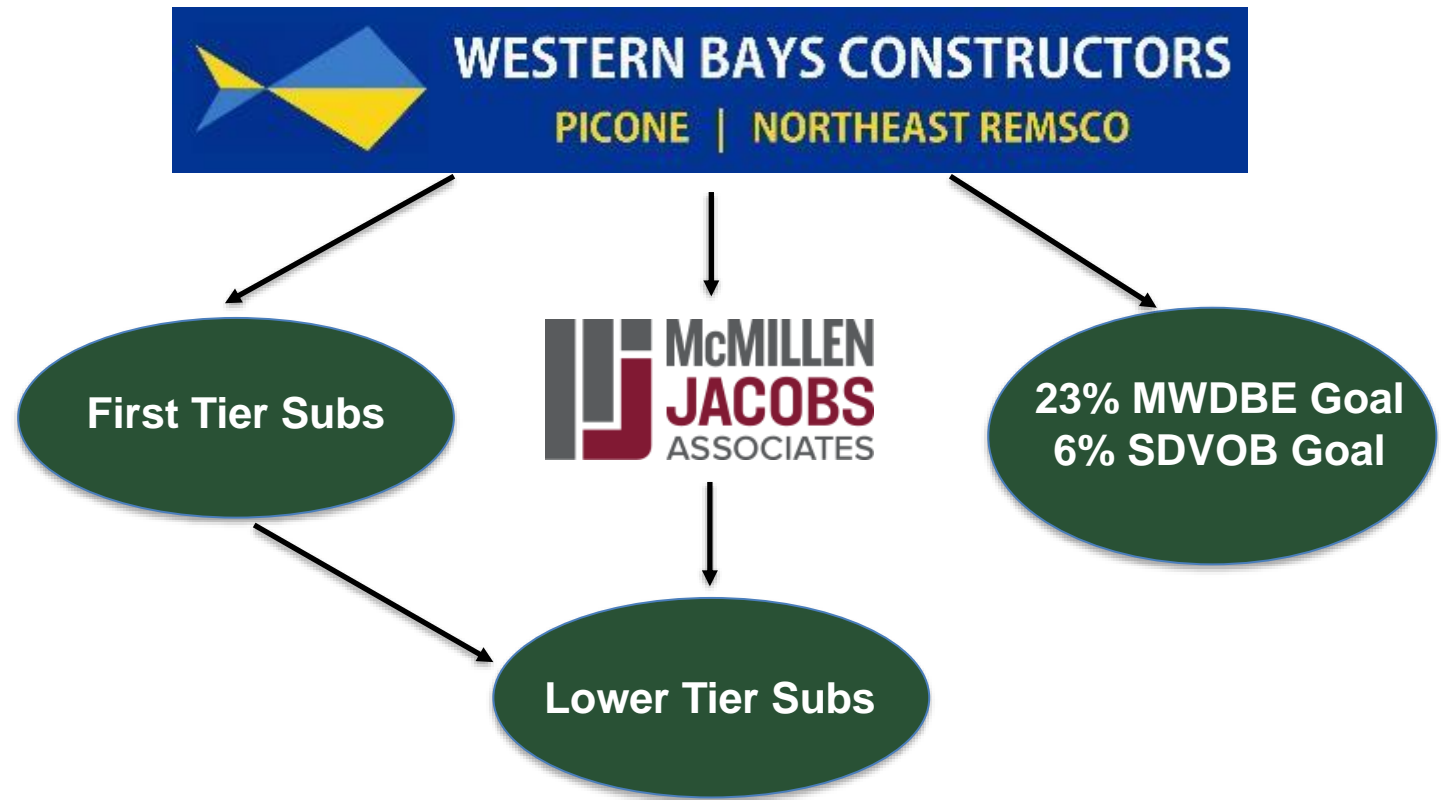


**Western Bays Constructors**

# Western Bays Constructors Design-Build Joint-Venture

WBC, the design build contractor, has assembled a team with an unparalleled track record in complex projects featuring companies with world class experience in microtunneling mechanical systems, sewage treatment, and a broad range of other capabilities

John P. Picone	Northeast Remsco	McMillen Jacobs Associates	Greeley and Hansen
<p>Lead Contractor on Water / Wastewater Projects</p>	<p>Specialized in Microtunneling</p>	<p>Industry Leader Underground Projects</p>	<p>Experts in Hydraulics</p>
			
<p>Safety Professionalism Integrity</p>	<p>Reputation Work Ethic Team Accomplishment</p>	<p>Design with Vision Build with Integrity</p>	<p>Great people working in partnership with exceptional clients to deliver first class infrastructure programs</p>





# WBC Experience

- Tallman Island Wastewater Treatment Plant
- Hunts Point Wastewater Treatment Plant
- Bowery Bay Wastewater Treatment Plant
- LIRR Expansion Project
- City Tunnel #3
- Newtown Creek
- Largest micro tunneling fleet on the East Coast
- Homestead Avenue
- Broad Creek Conveyance
- Canal Road
- Broad Creek WWPS



**How to Get Involved**

# How to Become Certified

## Becoming a M/WBE:

### NYS Empire State Development (ESD) M/WBE Certification:

- Email: [mwbecertification@esd.ny.gov](mailto:mwbecertification@esd.ny.gov)
- Phone: (212) 803-2414

### M/WBE Program Information and Resources:

- <https://esd.ny.gov/doing-business-ny/mwbe>
- New York State Contract System: <https://ny.newnycontracts.com>

## Becoming a DBE:

### DBE Program Information and Resources:

- <https://nysucp.newnycontracts.com>
- New York State Unified Certification Program Directory [NYSUCP \(newnycontracts.com\)](https://nysucp.newnycontracts.com)
- Phone: (518) 402-9155

## Becoming a SDVOB: <https://ogs.ny.gov/Veterans/>

- Email: [Veteransdevelopment@ogs.ny.gov](mailto:Veteransdevelopment@ogs.ny.gov)
- Phone: (518) 474-2015

# What You Need to Know:

## M/WBE:

### Website:

- Empire State Development Division of Minority and Women's Business: <https://esd.ny.gov/>

### Rules & Regulations:

- M/WBE participation in accordance with Article 15-A of the NY Executive Law and Chapter XIV, Parts 140 to 145 of Title 5 New York Codes, Rules and Regulations (NYCRR)

## DBE:

### Website:

- The Port Authority of New York & New Jersey: [Disadvantaged Business Enterprise \(DBE\) Program | US Department of Transportation](#)

### Rules & Regulations:

- DBE Participation in accordance with Title 49 CFR Part 26 of the Federal Regulations

## SDVOB:

### Website:

- NYS Office of General Services: <https://ogs.ny.gov/Veterans/>

### Rules & Regulations:

- SDVOB participation in accordance with Article 17-B of the NY Executive Law

# Contact Us

## Western Bays Constructors

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## Office of General Services

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[Kenneth.Williams@ogs.ny.gov](mailto:Kenneth.Williams@ogs.ny.gov)

## Nassau County Office of Minority Affairs

Lionel Chitty - Executive Director  
Nassau County Office of Minority Affairs  
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[LChitty@nassaucountyny.gov](mailto:LChitty@nassaucountyny.gov)

## New York State Department of Environmental Conservation

Deanna Laney – Project Specialist  
Bay Park Conveyance Project  
(518) 402-9155  
[Deanna.laney@dec.ny.gov](mailto:Deanna.laney@dec.ny.gov)

# Overview: DBE, M/WBE, and SDVOB Procedures

- M/W/BE firms shall only bid for work that corresponds to their NAICS\* codes that they are certified for and listed on the NYS MWBE Directory
- DBE firms shall only bid for work that corresponds to their NAICS\* codes that they are certified for and listed on the NYS Unified Certification Program Directory
- SDVOB firms shall only bid for work that corresponds to their NAICS\* codes that's listed on the NYS OGS Directory
- Identify the scopes of service that includes work on the project for which you intend to bid
- Specify items of work that are your *specialty*
- Attendance at outreach events does not guarantee participation nor indicate preferential treatment of any firms

# Requirements for Potential Subcontractors

## M/WBE Process

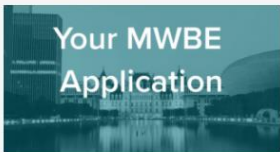
Interested in becoming certified as an MWBE in New York State? We've got all of the information you need to get started, or stay up-to-date.



**Are you Eligible?**

**Eligibility  
Requirements**

Before you apply to become a NYS MWBE, make sure your business is eligible.



**Your MWBE  
Application**

**All NYS MWBE  
Applications**

Seeking to be certified or recertified, or been instructed to submit a new application? Get started here.



**Update Your  
Profile**

**Vendor Profile  
Updates**

All MWBE certified firms should review their vendor profile and make sure their information is accurate. Learn how here.



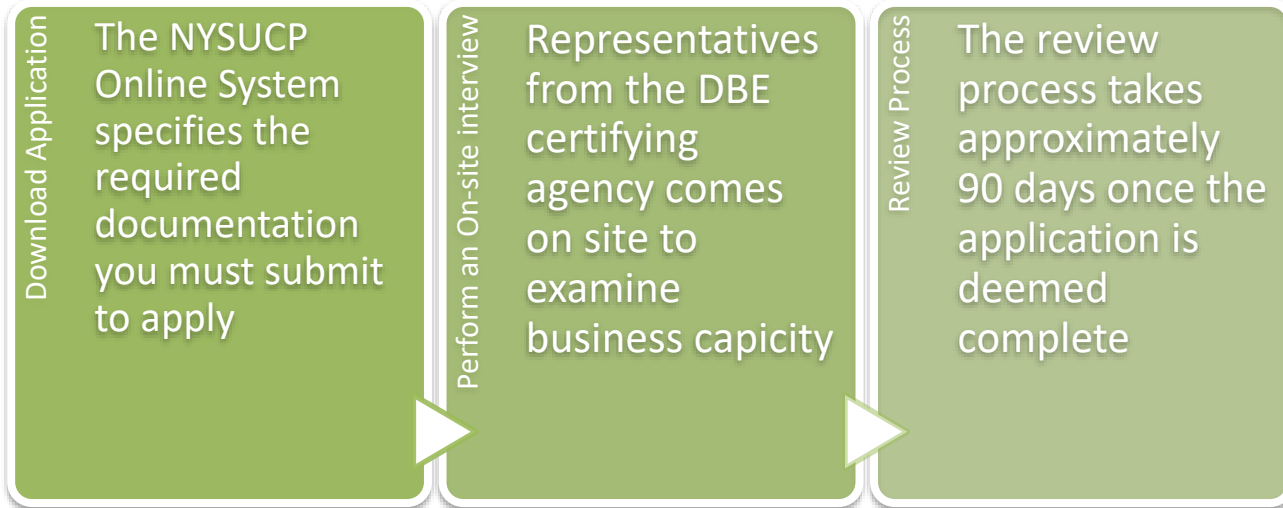
**New York State  
Contract System**

**Already Certified?**

Log in to the New York State Contract System to access your account.

# Requirements for Potential Subcontractors

## DBE Process





# Requirements for Potential Subcontractors

## SDVOB Process

Step 1:	Step 2:	Step 3:	Step 4:
<p>Download and fill-out the Service-Disabled Veteran-Owned Business Certification Application</p>	<p>Print-out and sign the application</p>	<p>Gather all supporting documentation, as specified in the application.</p>	<p>Mail the application and supporting documents to the OGS Division of Service-Disabled Veterans' Business Development as specified in the Submission or Upload on to website. <i>*Maintain original signature copy.</i></p>

# Opportunities

## Identified scopes of work:

### OFFICE SUPPLIES

ASPHALT PAVING AND MILLING

COATING INSPECTION FOR PIPES

CURB AND SIDE WALK FLATWORK

PROTECTIVE COATINGS

MILLWRIGHTS SUBCONTRACTOR

VIBRATION & DECIBAL TEST FOR PUMPS

SUMP PUMPS

LICENSED PLANT OPERATORS

ASBESTOS & LEAD ABATEMENT

PERMANENT SITE FENCING

INSTRUMENTATION

SCADA INTEGRATION

### DI PIPE /COPPER PIPE

PIPE SUPPORTS

STANDPIPE TANK

SLIDE GATES

GATE VALVES, FL

BUTTERFLY VALVES

KNIFE GATE VALVE

PLUG VALVES

SLEEVE TYPE COUPLINGS & RESTRAINED JTS

PLUMBING MATERIALS & HANGERS

PIPE INSULATION SUBCONTRACTOR

LUBRICATION CONSULTANT

FRP REPAIR SUBCONTRACTOR

### ARCHITECTURAL LOUVERS

IDENTIFYING DEVICES, SIGNAGE

PAINTING SUBCONTRACTOR

INSULATED WALL PANELS

FIRESTOPPING

ROOFING SUBCONTRACTOR

INSULATION SUBCONTRACTOR

72" WET TAP SUBCONTRACTOR

STEEL SHEET PILE - FLOODWALL & SOEs

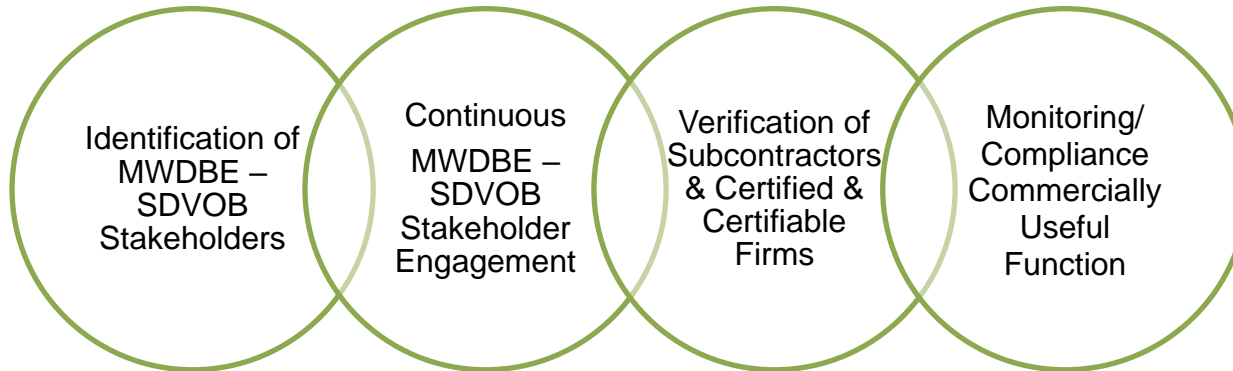
GROUTING ANULUS - SLIP LINE

STRUCTURAL STEEL FOR SLIP LINE

STEEL SHEET PILE - FLOODWALL & SOEs

# Western Bay Constructor's Commitment

WBC will take all necessary and reasonable steps to ensure that MWDBE & SDVOB firms have the maximum opportunity to participate in the performance of this Contract. Our efforts will be consistently documented. **MWDBE-SDVOB engagement** is critical to project our success. Therefore, WBC is also committed to our interaction with our subcontractors in the following ways.



# Requirements for Potential Subcontractors

## Vendor Responsibility Questionnaire

- For contracts expected to exceed \$50,000, the NYSDEC performs vendor responsibility reviews of the business entity prior to WBC entering a contract or PO.
- Interested subcontractors are encouraged to complete the NYS Office of the State Comptroller *Vendor Responsibility Questionnaire* concurrent to submitting a bid or sooner.
- Available on the NYS State Comptroller website:  
[File Your Vendor Responsibility Questionnaire | Office of the New York State Comptroller](#)

# Requirements for Potential Subcontractors *continued*

## Nassau County Portal

- Selected Subcontractors are also required to register in the Nassau County Vendor Portal at:  
[Vendor Portal | Nassau County, NY - Official Website \(nassaucountyny.gov\)](https://nassaucountyny.gov)
- This requires entry of basic information about the business entity and is accessed by clicking on “New Vendor Registration.”

### Vendor Portal

Welcome to the Nassau County Vendor Portal. The Vendor Portal is intended to be the primary online site for organizations seeking to do business with the County. The below links offer secure online vendor services including registering as a Nassau County vendor or principal, viewing open solicitations, and submitting disclosure forms and other required documents.

### New Vendor and Principal Accounts

Use the appropriate link below to request a new vendor account or a new principal account. Principals include executive or board officers of an entity, and in addition any individual holding 10% or greater ownership of an entity.

- [New Vendor Registration](#)
- [New Principal Registration](#)



# Strategic Partners





**Questions 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.



# Contact Us

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**Thank You!**