

Zoom Functions

Etiquette

- Participants will stay muted until they have been called upon to speak after raising their hand.
- Participants may use the “chat” function to ask questions.

Mute and Unmute

You may only unmute after being prompted to do so.

Chat

Questions may also be asked in the chat.

Stop and Start Video

Raise Hand

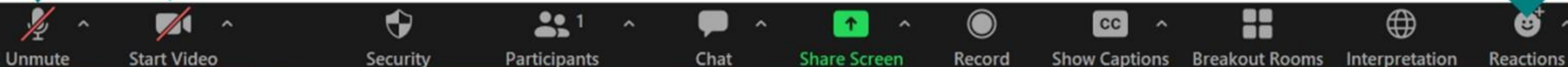
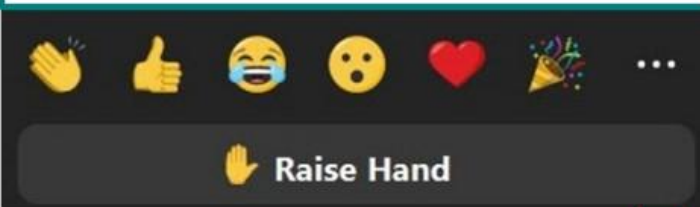
By Phone:

If dialing in by phone, press *9 to raise hand.



Zoom:

To provide questions or feedback, use the ‘raise hand’ function to join the queue. Participants will be called on in order of hand raised.





NYC Criminal Justice

NYC DDC Department of Design and Construction

Borough-Based Jails

Project Approach Construction Phase

October 21, 2025

BX

The Bronx Borough-Based Jail

Community Construction Goals

- Work with the DDC Community Engagement Team during construction
- Create awareness of construction activities, to minimize impact to the community
- Maintain relationship with community throughout construction

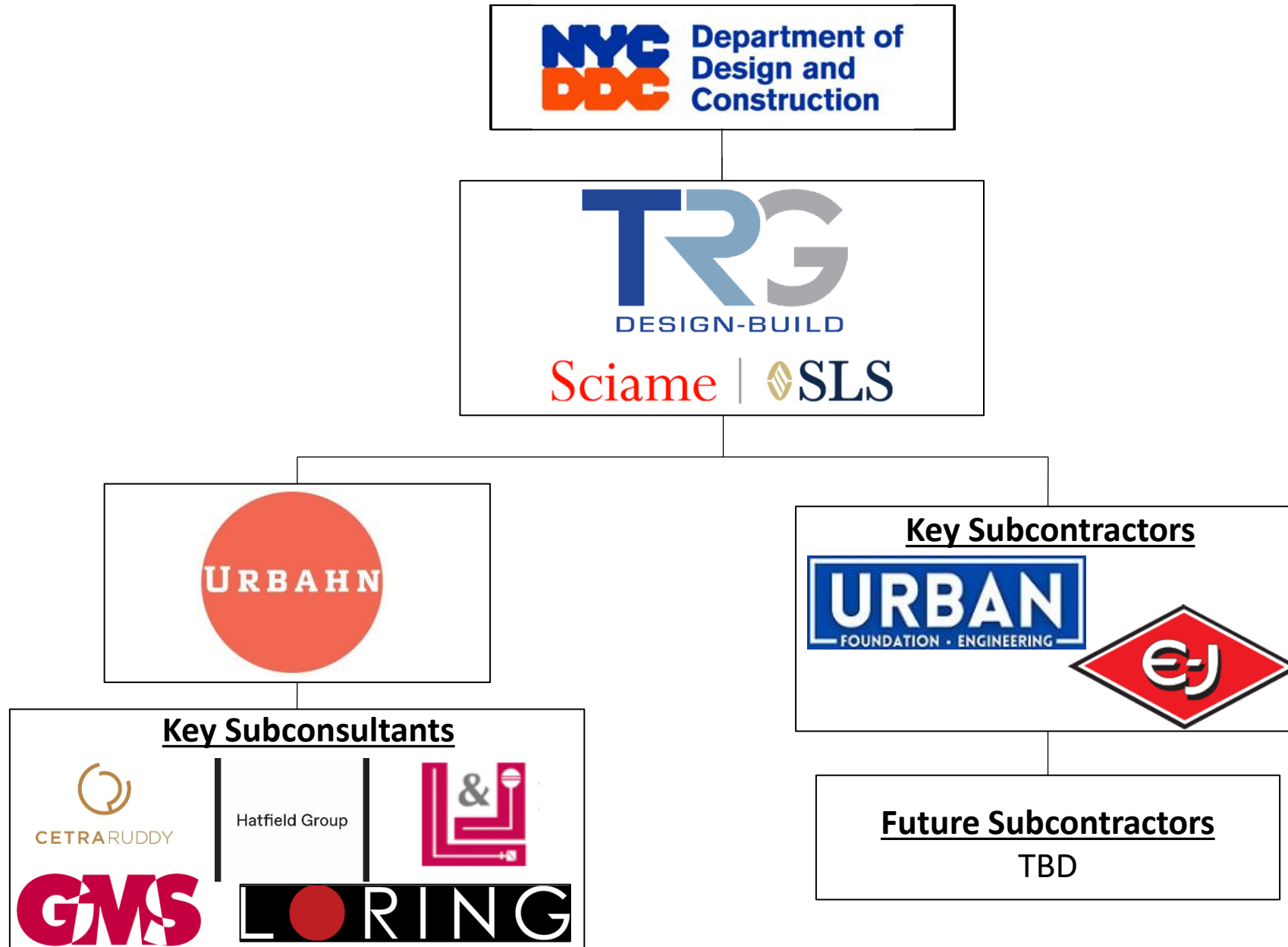
Agenda

- 1 Design-Build Team Approach
- 2 Project Overview
- 3 Schedule & Work Hours
- 4 Site Logistics
- 5 Phase 1 Construction Activities
- 6 Environmental Monitoring Plan
- 7 Future Engagement

The Bronx BBJ Facility

Design-Build Team Approach

Design-Build Team Approach



M/WBE & Community Hiring Goals

M/WBE = Minority & Women Owned Businesses & Enterprises

TRG is committed to meeting DDC's M/WBE Goals for the Project:

- 30% for both Design and Construction
 - 10% Black American
 - 10% Hispanic American
 - 10% Unspecified

Our team has a recent and successful history of meeting or exceeding goals on NYC projects:

- 38.7% Utilization for Queens Parking Garage & Community Center
- 55% Utilization for the Studio Museum in Harlem
- 32% Utilization for NYC CUNY – New Academic Complex

Community Hiring:

- TRG is committed to fully complying with the requirements of the HireNYC Program for all applicable non-trade roles. For this project, at least 35% of all hours worked must be performed by Program Hires
- TRG will be attending the upcoming job fair hosted by NYC Small-Business Services (SBS) on 11/12/25
- Community Hiring events will continue to be scheduled as the project progresses

TRG Team Experience

- TRG has a successful track record of completing complex large-scale projects in urban areas, including correctional facilities
- Our team also has success with Design-Build projects in NYC
- The Queens Parking Garage & Community Space was the DDC's first completed project utilizing design-build delivery



Centro Médico Correccional in Bayamon, Puerto Rico



NY City College of Technology

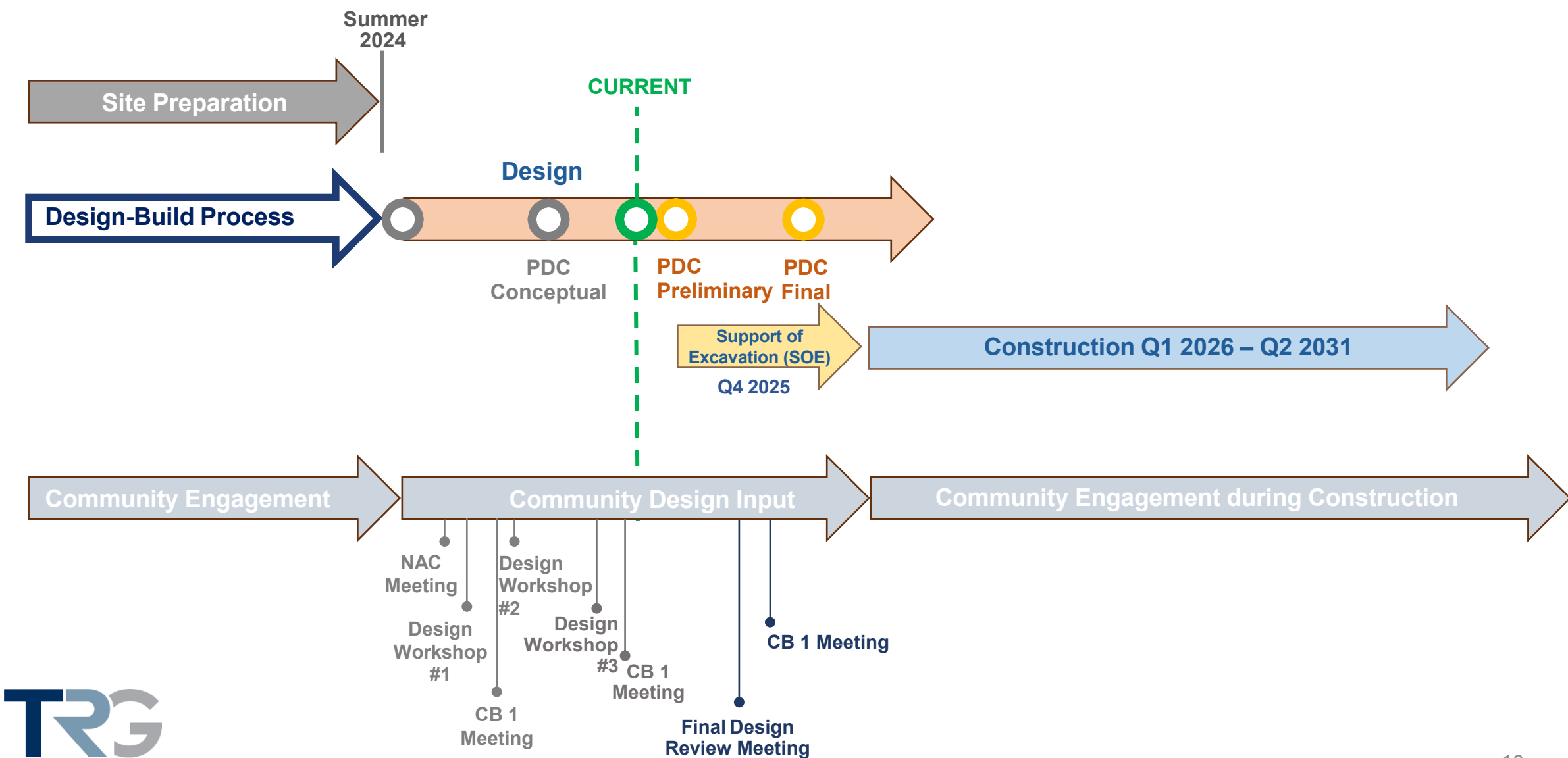


Queens Parking Garage & Community Space

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Project Overview

Design-Build & Engagement Process



Project Overview

- 1,040 Beds
- 195' Maximum Allowable Building Height, Plus 40' for Mechanical Equipment
- 1,073,485 Square Feet
- 40,000 Square Feet of Community/Retail Space
- Cast in Place Concrete Structure
- Glass Curtain Wall System
- 120 Below Grade Parking Spaces
- Percent For Art Program



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Project Schedule & Work Hours

Support of Excavation Schedule and Work Hours

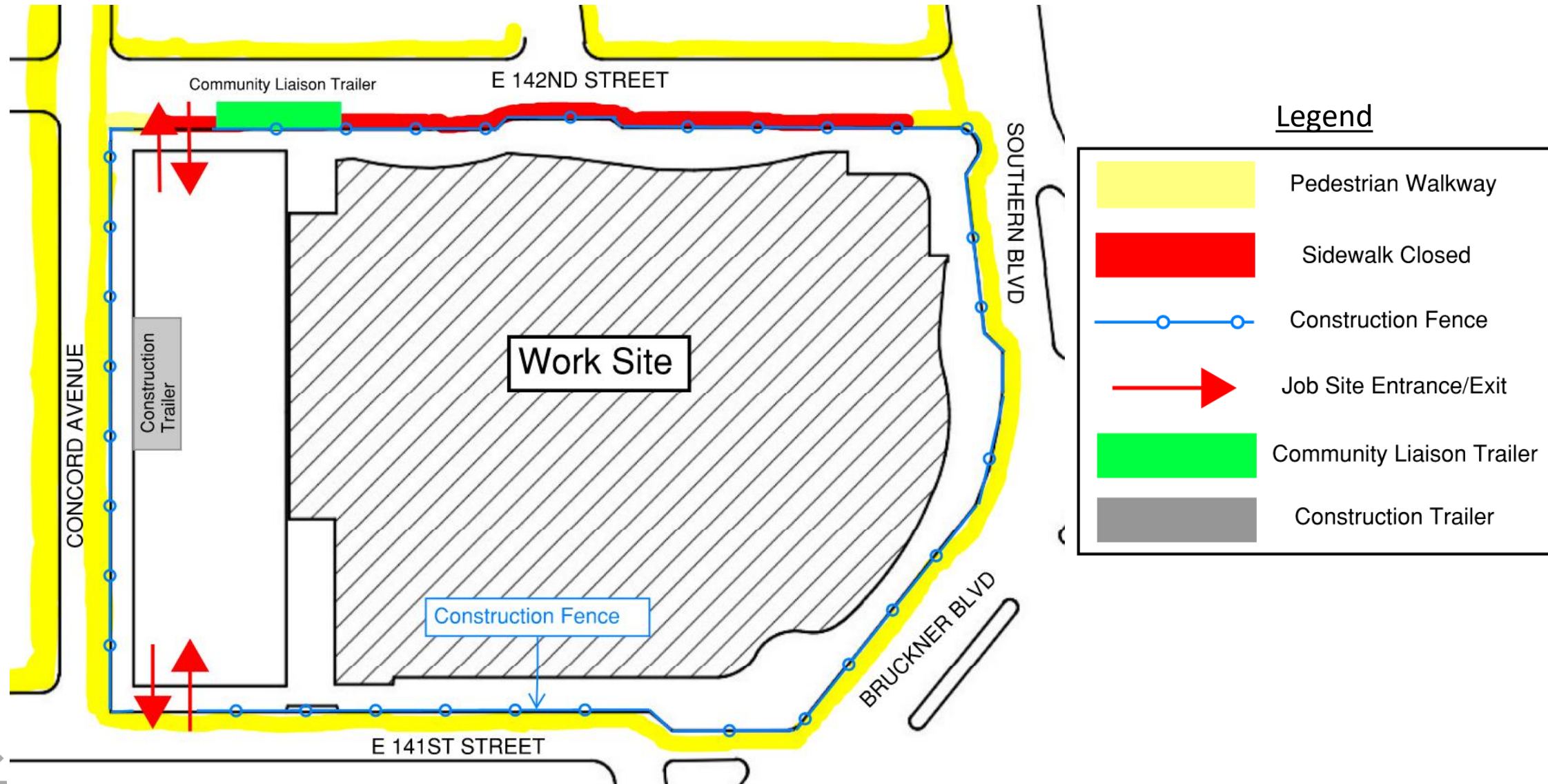
Activity	Expected Start Date	Expected Completion Date	Monday - Friday			Weekends
			6AM - 7AM (Mobilization Time)	7AM-3:30PM (Standard Working Hours)	4PM-11PM (As needed)	8AM-1AM (As needed)
Support of Excavation (SOE) and Select Rock Excavation	December 2025	March 2026	• Unlock Construction Gate • Arrival of Workers with Personal Protective Equipment (PPE) • Inspect Tools & Equipment • Deliveries begin to come to site • Trade Coordination Meetings • Daily Safety Orientation with Trades	<u>Site Maintenance</u> • Survey the site • Inspect Site Fence & Repair As Needed • Sidewalk Maintenance & Utility Investigation <u>Support of Excavation (SOE)</u> • Drill & Install Soldier Piles • Install Tie Backs • Install Walers • Install Corner Bracing • Dewatering • Rock Excavation	• Inclement Weather Impacts to Standard Working Hours • Schedule Constraints • Extended Concrete Pours • Make-Up Time TRG does not anticipate work extending past 6PM during the Support of Excavation Phase. Second-shifts will only be used on an as needed basis if unforeseen circumstances arise	• Inclement Weather Impacts to Standard Working Hours • Schedule Constraints • Extended Concrete Pours • Make-Up Time TRG does not anticipate work occurring on the weekends during the Support of Excavation Phase. Weekend shifts will only be used on an as needed basis if unforeseen circumstances arise
AHV = After Hours Variance			No AHVs required	AHVs if required	No AHVs planned unless unforeseen circumstances arise. When needed, TRG will request the permit in advance and concurrently notify the community of the anticipated work and hours.	

- Phase 2 Superstructure work, anticipated to begin in September 2026, will involve frequent use of second-shifts, extending until 11PM Monday-Friday, along with double-shifts on weekends from 8AM-1AM
- The Phase 2 work hours will be presented in more detail at the next Community Construction Meeting before the work begins

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Project Site Logistics

Site Plan – Phase 1 Support of Excavation (SOE)



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Site Construction Activities

Phase 1 Major Activities

Site Mobilization & Maintenance

Support of Excavation (SOE)

Phase 1: Site Mobilization & Maintenance

Site Mobilization & Maintenance

- Maintain Perimeter Construction Fence and Gates
- Install Construction Trailers
- Preconstruction Surveying
- Establish Survey Control Points
- Installation of Monitoring Devices
- Site Utility and Geotechnical Investigation

Phase 1: Support of Excavation

Support of Excavation (SOE)

- Install Drilled Soldier Piles
- Install Steel Supports and Wood Boards
- Rock Excavation



Typical Representation of SOE
(Not Bronx Project)

Phase 1: SOE Installation Process

- This project will implement an SOE installation process using drilled soldier piles
- Advantages of Drilled Soldier Piles vs. Driven
 - Reduced Noise and Vibration
 - Minimal Environmental Impact
 - More precise
 - Safer
 - More efficient



Typical Representation of SOE Installation
(Not Bronx Project)

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Environmental Monitoring Plan

Environmental Monitoring Plans

Before work begins, the Environmental Monitoring Plans will be approved by:

- Engineer of Record
- Department of Buildings (DOB)
- Department of Design & Construction (DDC)
- Transit Authority (MTA)



Environmental Monitoring Plan

As required by NYC Building Code, TRG has developed a Project Specific **Monitoring Plan** consisting of the following:

1. Vibration Monitoring:
 - a) Movements
 - b) Cracks
2. Noise Monitoring
3. Air Monitoring

As required by NYC Building Code, the Monitoring Plan will also include:

- Pre-Construction Documentation (Survey)
- Post-Construction Documentation (Survey)

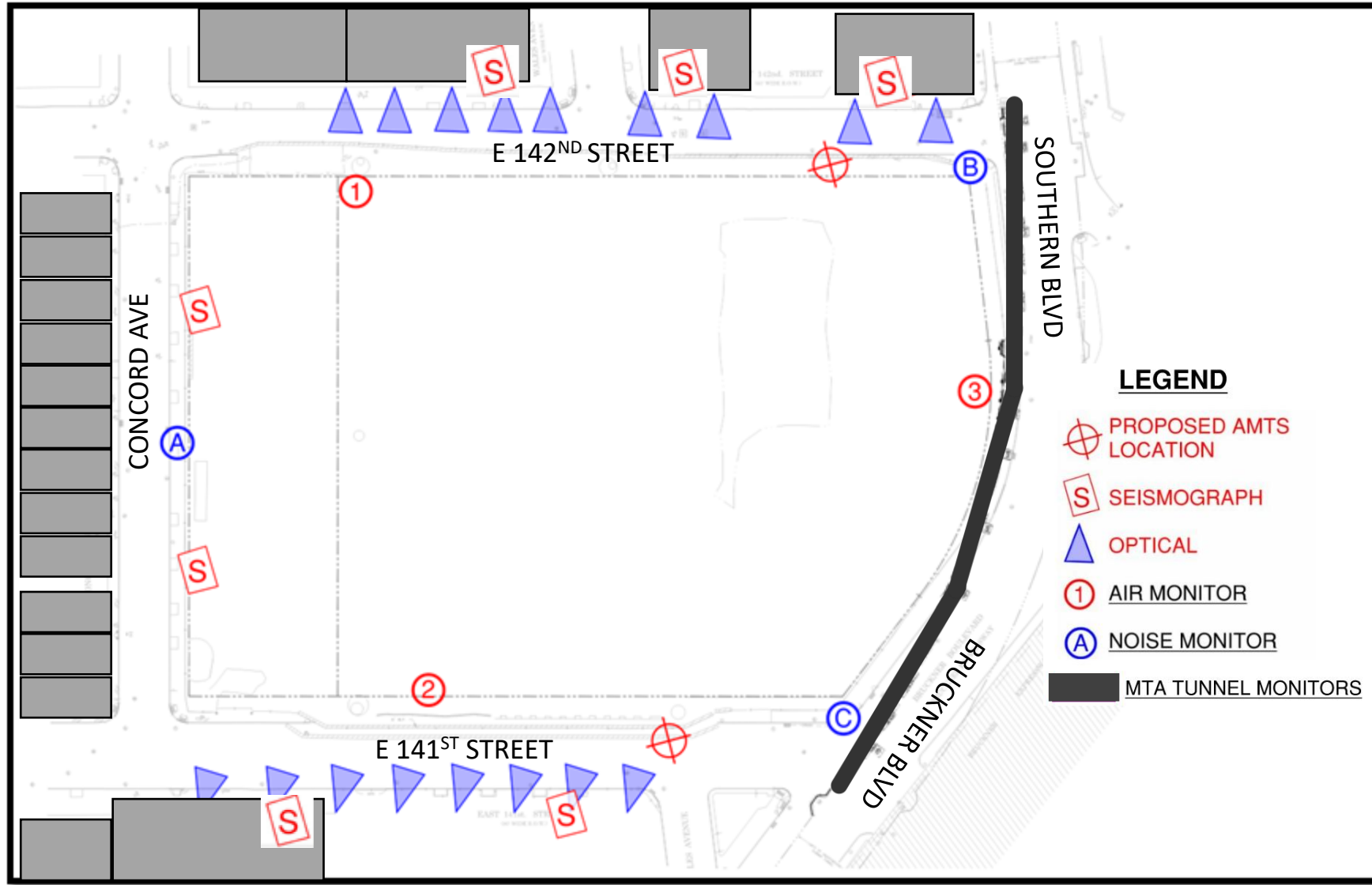
Pre-Construction Survey

- Requires access to properties and permissions to be granted by building owners
- Includes all available areas for observations at time of visit
- Document, by digital photography, the current cosmetic and structural conditions of accessible interior and exterior areas of the surrounding buildings and structures
- Highlight evidence of existing structural distress or deficiencies, cracks, settlement, or damage or previous repairs
- This protects both the property owner and the construction team

Post-Construction Survey

- Takes place after construction is complete
- Compares the adjacent property's condition before construction began to the condition after the project is finished
- Identifies changes to the property, if any that occurred during the construction period

Community Monitoring Plan



Optical & Vibration Monitoring

- Optical Monitors will be installed on the exterior of adjacent buildings
- Vibration monitors will be installed at locations shown on the Monitoring Plan
- Vibration data is continuously collected by the vibration monitors
- TRG is notified if the data is above the alert and limiting thresholds

Vibration Monitoring Limits			
		Adjacent Buildings	NYCT Tunnel
Vibration Monitoring	Warning Limit	0.5 in./sec.	0.5 in./sec.
	Stop Limit	1.0 in./sec.	1.0 in./sec.
Crack Monitoring	Warning Limit	0.125 in.	0.25 in.
	Stop Limit	0.25 in.	0.5 in.



Typical ATMS Pedestal Installation



Typical Indoor Seismograph Installation

Crack Monitoring

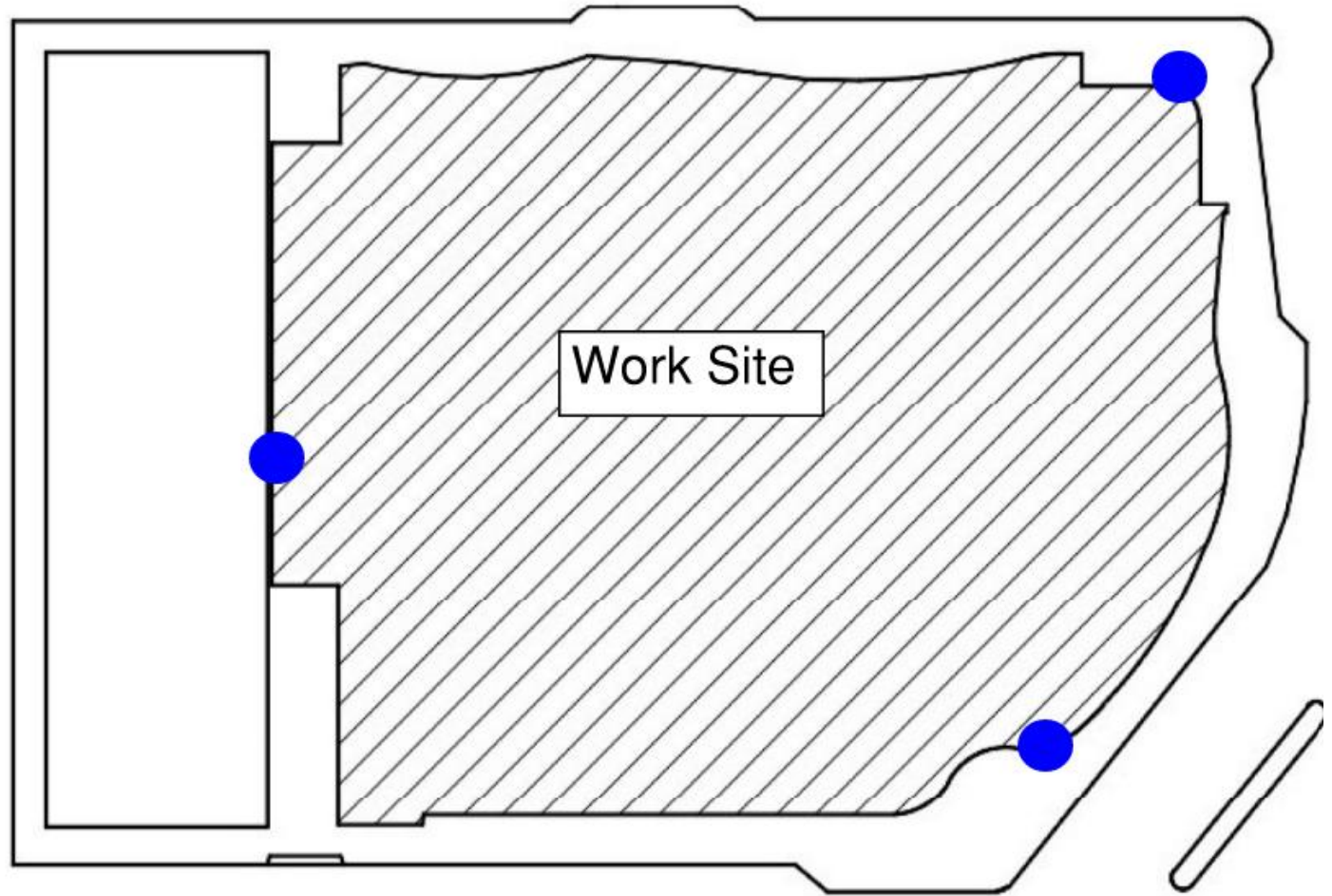
- Crack gauges will be installed on visible and accessible locations where existing cracks are observed.
- Crack gauges will be monitored weekly or as required.
- Crack Data Report will contain the following:
 - Gauge ID, Location and date of installation
 - Photograph of crack
 - Reading of crack growth and propagation
 - Comparative photo from previous readings side by side, with the new photo



Typical Representation of a Crack
Gauge

Noise Monitoring

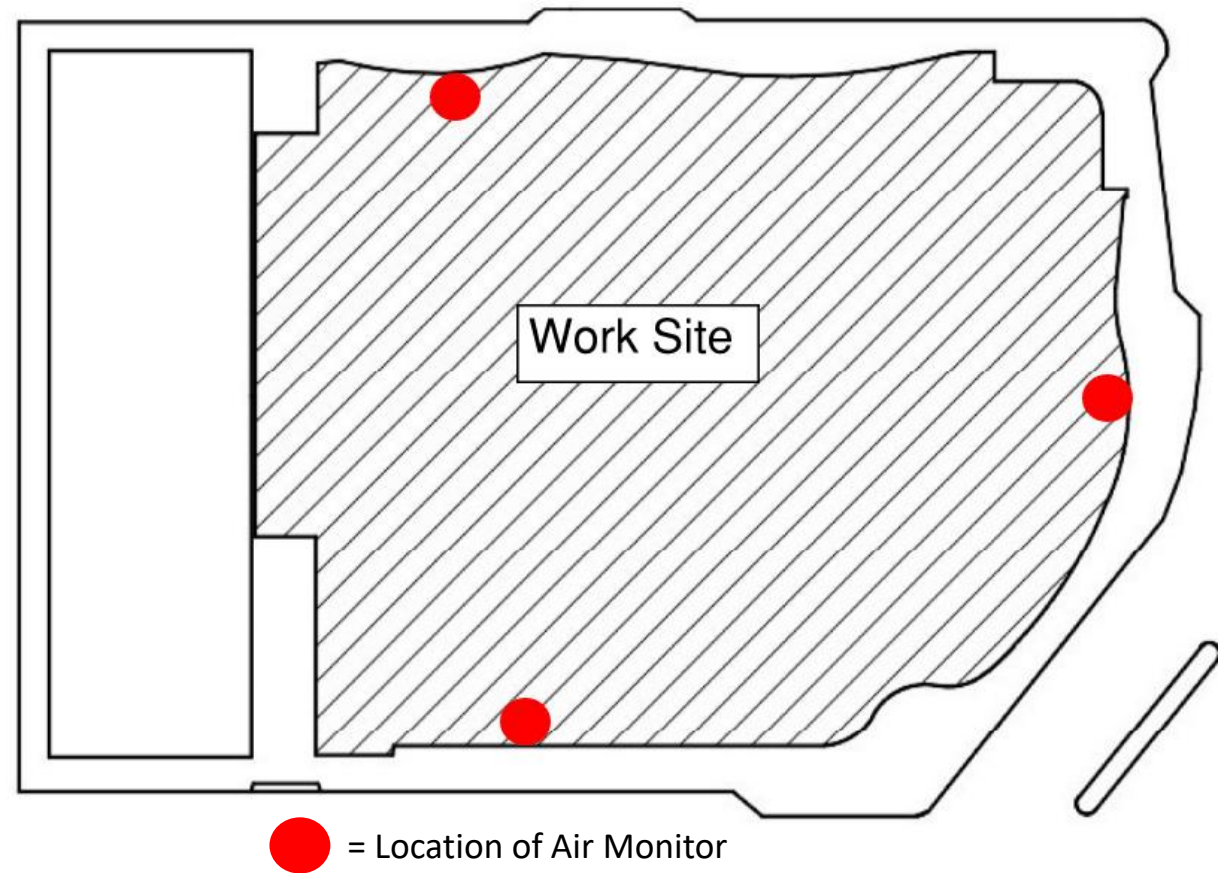
- Noise monitors will be installed at locations shown on the Monitoring Plan.
- Noise data is continuously collected by the noise monitors.
- TRG is notified if the noise data is above the alert and limiting thresholds



● = Location of Noise Monitor

Air Monitoring Plan

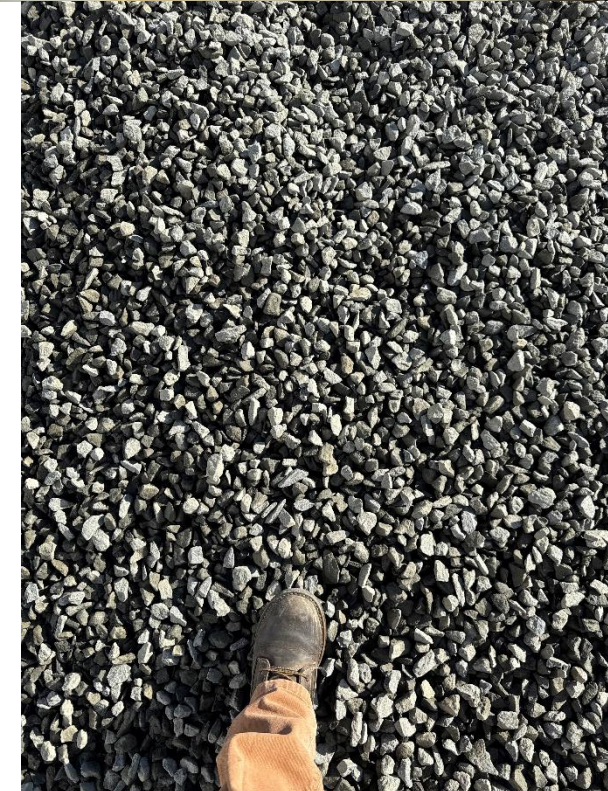
- Air Monitoring Devices will be installed at the site perimeter to monitor for volatile organic compounds (VOCs) and particulates (ex., dust).
- Real Time monitoring will be done via the air monitoring equipment and the air monitoring system
- Equipment fitted with audible alarms to indicate exceedances of the action levels



Example of Air Monitoring Station (Not Bronx Project)

Dust Mitigation Plan

- Tracking Pad Installed
- Water Suppression
- Dust Control Additives
- Enclosures and Barriers
- Dust Suppression Equipment
- Vehicle and Equipment Management
- Site Layout
- Training and awareness



Photos of
Tracking Pad
installed for
Dust &
Sediment
Control

Protocol for Exceedance Limits

If any monitoring reading exceeds limiting criteria, the following actions shall be taken:

- TRG will immediately be notified by the monitoring devices
- DDC will be notified by the contractor
- Work in the vicinity of the exceedance will be stopped
- The contractor will assess the reasoning for the exceedance
- Corrective actions will be taken depending on the severity of the exceedance
- The method to perform the work close to the exceedance will be revised
- Work will resume using the agreed upon revised methods
- TRG will continue monitoring for exceedances of allowable limits

Project Reporting

- DDC will publish the Monitoring Report on the BBJ website documenting all the monitoring for the month
- Reporting will include
 1. Vibration Monitoring
 2. Noise Monitoring
 3. Air Monitoring
- See example of a monthly monitoring report in the image on the right



AIR, NOISE AND VIBRATION
MONTHLY MONITORING REPORT
MARCH 2025 (No. 001)

Prepared By: TRG

DDC. Project ID:	BBJ-XFAC	Period Start: 03/01/25 End 03/31/25	
Project Name:	The Bronx Borough-Based Jail Facility		
DDC Pin No.:	8502021CR0004P-06P		
1) Community Air Monitoring Monthly Status Summary TWA – Time Weighted Average ug/m ³ - micrograms per cubic meter			
Number of Workdays in a Month	Number of Air Monitoring Days in a Month	Number of Days with Dust Concentrations above Action Concentrations by Month (100 ug/m ³ 15 minute TWA)	Comments
21 (without weekends)	17 (without weekends and non-workdays)	0	No high dust concentrations above the 100 ug/m ³ 15 minute TWA limit throughout the monitoring period.
Community Air Monitoring Excursions and Corrective Actions Action Concentration = 100 ug/m ³ 15 minute TWA above background concentration Stop Work Concentration = 150 ug/m ³ 15 minute TWA above background concentration			
Date: Time	Maximum Dust Reading Before Corrective Action 15 Minute TWA (ug/m ³)	Maximum Dust Reading After Corrective Action 15 Minute TWA (ug/m ³)	Corrective Action
None	None	None	N/A
Narrative Summary of Air Monitoring, Excursions and Corrective Actions: In March 2025, construction-related levels of Particulate Matter (PM) PM10 did not surpass Daily Permissible Exposure Limits (PEL) as set by federal standards for the 24-hour Time Weighted Average (TWA), or daily value, and did not cause air quality concerns to the public or on-site workers. Mitigation Measures: Throughout the month, construction activity was closely monitored, and dust mitigation techniques were continuously implemented to successfully contain any airborne particulates created due to construction activity.			
2) Community Noise Monitoring Monthly Summary Units to be determined (TBD) typically a weighted decibels (dBA) level			
Number of Workdays in a Month	Number of Noise Monitoring Days in a Month	Number of Days with Noise Levels above Action Levels by Month	Comments
21 (without weekends)	17 (without weekends and non-workdays)	0	No noise exceedances reported throughout the monitoring period.
Community Noise Monitoring Excursions and Corrective Actions Action Level = 75 dBA Stop Work Level = 80 dBA			
Date: Time	Maximum Noise Reading before Corrective Action (DBA)	Maximum Noise Reading after Corrective Action (DBA)	Corrective Action
None	None	None	N/A

<https://www.nyc.gov/site/borojails/>



Scan the QR code above to access the Borough-Based Jail Program Website

The Bronx BBJ Facility

Future Engagement

Coordination with DDC Office of Community Outreach and Notification

In conjunction with DDC & Office of Community Outreach & Notification, the following items will be periodically issued to the Community:

- Construction Schedule Updates
- Monthly Reports
 - Air Monitoring
 - Noise Monitoring
 - Vibration Monitoring
- Weekly Bulletin / Look Ahead
- 72-hour advisories for impactful construction activities
- Maintaining constant communication with the community

Q1 2026 Community Meeting

In Q1 of 2026, there will be a Community Meeting to review the Phase 2 Activities



Image shown for illustrative purposes only

COMMUNITY RESOURCES DURING CONSTRUCTION



BBJ Website

<https://www.nyc.gov/site/borojails/>



Designated Phone Number

914-819-2153



Weekly Look Ahead

Posted to website



72-Hour Advisories for Impactful
Construction Activities

Posted to website



Community Construction
Liaison & Field Office

Angel Pinto - The Bronx BBJ CCL

914-819-2153 / ThebronxCCL@bbjnyc.com

Bilingual Spanish

142nd Street @ Concord Ave

Monday – Friday 7:00am - 3:30pm



The Bronx BBJ Facility

Questions or Comments?



NYC Criminal Justice

NYC DDC Department of Design and Construction



Borough-Based Jails

Thank You

BX The Bronx Borough-Based Jail