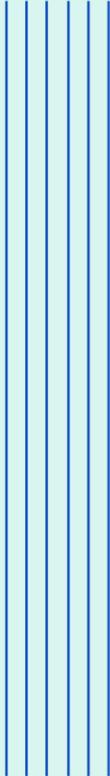


# Design Build Forum

## Meet the Teams

### 2023 Q4



# Housekeeping



Attendance will be taken using the Microsoft Form link provided in the Microsoft Teams chat. Please take the time to complete the form. This attendance sheet will be posted on our DDC website.

Please stay muted and keep your camera off.

Please hold all questions to the end of the presentation to assist our team with monitoring and consolidating duplicate questions. Questions will be accepted in writing via the "chat" function.

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# FORUM AGENDA

1. Welcome & Introduction
2. Infrastructure – DB Program Status
3. Triumph / NV5 for Lexington Avenue Ped Safety
4. Restani / T&T for Pedestrian Ramps
5. Dispute Resolution Opportunities
6. Public Buildings Upcoming Procurement
7. Borough Based Jails (BBJ) Program Update
8. Lookahead
9. Q&A

---

# FORUM AGENDA

1. **Welcome & Introduction**  
*Ding Xi Zheng (Steven)*  
*M/WBE Compliance Analyst*
2. Infrastructure – DB Program Status
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# Minority & Women-Owned Business Enterprises: Participation Requirements



## Design-Build Legislation

The legislation that authorizes DDC to use Design-Build as a capital project delivery method provides additional tools or opportunities to engage the M/WBE community in City capital projects.

- As a result of this newly found flexibility, DDC now requires all Design Build teams to submit an “M/WBE Program Experience Form” prior to solicitation at the RFQ stage.
- M/WBE participation goals on Design-Build projects will be disaggregated as follows:
  - 10% Black American
  - 10% Hispanic American
  - 10% Unspecified
- Firms will **not** be allowed to submit pre-proposal and pre-award waivers.
- The Office of Diversity and Industry Relations will monitor performance against M/WBE goals throughout the life of the project. We will work closely with the design-builder to make sure that they meet the goals.

# Minority & Women-Owned Business Enterprises: Participation Requirements



In order to facilitate meeting targets while maintaining a robust vendor pool, the Design-Build Program:

- Allows for the use of **state-certified M/WBEs** in addition to city-certified M/WBEs
- **Eliminates any tier restrictions** on eligible M/WBE participation
- **Counts suppliers** at 60% of the subcontract value

# Minority & Women-Owned Business Enterprises: Participation Requirements



## M/WBE Requirement can be achieved by:

1. M/WBE Prime Vendor
2. Qualified M/WBE Joint Venture
3. M/WBE Subcontractor(s)

New York City Department of Small Business Service certified M/WBE firms listed at: <https://sbsconnect.nyc.gov/certification-directory-search/>

New York State certified MWBE firms listed at:  
<https://ny.newnycontracts.com//>

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# FORUM AGENDA

1. Welcome & Introduction
2. Infrastructure – DB Program Status  
*Stella Uwaechie, Deputy Director,  
Infrastructure Design-Build Unit*
3. Triumph / NV5 for Lexington Avenue Ped Safety
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# Design-Build Report

## #Design-Build Projects

Infrastructure	4
Public Buildings	9
Borough-Based Jails	9
	<b>22</b>

DDC's 2022 Progress Report and 2023 Interim Progress Report can be found on our Design-Build web page, here:

[www1.nyc.gov/site/ddc/contracts/designbuild.page](http://www1.nyc.gov/site/ddc/contracts/designbuild.page)

City of New York



Design-Build Program  
2022 Progress Report  
to the New York  
State Legislature

# DDC Design-Build Public Buildings DB Portfolio



**9 Active Projects: \$15M – 130M+**

7 contracts awarded

1 project in procurement

1 projects preparing for procurement

Several others in Pipeline

- Orchard Beach and Rockaway Beach M&Os
- Marlboro Greenhouse
- Shirley Chisholm and Mary Cali Dalton Rec Centers
- Brownsville Girls Empowerment Center & Community Hub
- Harper St. Admin Facility
- Roy Wilkins Rec Center
- Public Restroom Buildings Bundle

# DDC Design-Build Infrastructure DB Portfolio



**4 Active Projects: \$12.5M – 100M+**

First 2 contracts awarded last month

1 project in procurement

1 project preparing for procurement

Evaluating potential projects in front end planning stage

- Lexington Avenue Pedestrian Safety
- Pedestrian Ramps in MN, QN & BX
- Raised Crosswalks
- Deep Sewer Manholes

# Design-Build Portfolio Status



## Progress and Lookahead

### Adaptations: Initiating Infrastructure's pilot program

- Created project selection methodology in consultation with our sponsor agencies and end users, with typologies and project sizes commensurate with procurement process to encourage response
- Adapt DDC requirements to prioritize project excellence through performance validation and design management
- Developed capacity with in-house Design-Build knowledge and trainings

# Design-Build Portfolio Status



## Progress and Lookahead

### Opportunities for Infrastructure's pilot program:

- Issue an updated 'Notice of Intent' on a quarterly basis to prepare industry for upcoming opportunities
- Convene quarterly DB Forums, to engage members of the design and construction industry and share information about upcoming opportunities
- Released first series procurements within the pilot program
- Publishing the shortlist to encourage teaming during the second step of the two-step procurement

# What's Next for DDC Design-Build



DDC expanding the use of Design-Build to partner with the industry in the delivery of high-quality innovative projects for the City of New York.

**Expand pilot program using lesson learned**

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**Refine procurement processes and requirements**

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**Empower staff with adapted delivery tools**

---

**Extending authorization of enabling legislation**

# Recent Design-Build Contracts - Infrastructure



Lexington Avenue Pedestrian Safety

DB Team: Triumph / NV5

Pedestrian Ramps in Manhattan, Queens and the Bronx

DB Team: Restani / T&T

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# FORUM AGENDA

1. Welcome & Introduction
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*Daniel Cody / Joseph Menzer***
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# TRIUMPH CONSTRUCTION



- Founded in 1999 as a telephone installation contractor, Triumph Construction Corp. is today one of the largest privately owned contractors in the New York metropolitan area.
- Located in Hunts Point, The Bronx with over 300 employees.





## **TRIUMPH CONSTRUCTION & NV5 DESIGN-BUILD TEAM**

**NYC DEPARTMENT OF DESIGN & CONSTRUCTION  
LEXINGTON AVENUE PEDESTRIAN SAFETY IMPROVEMENTS**

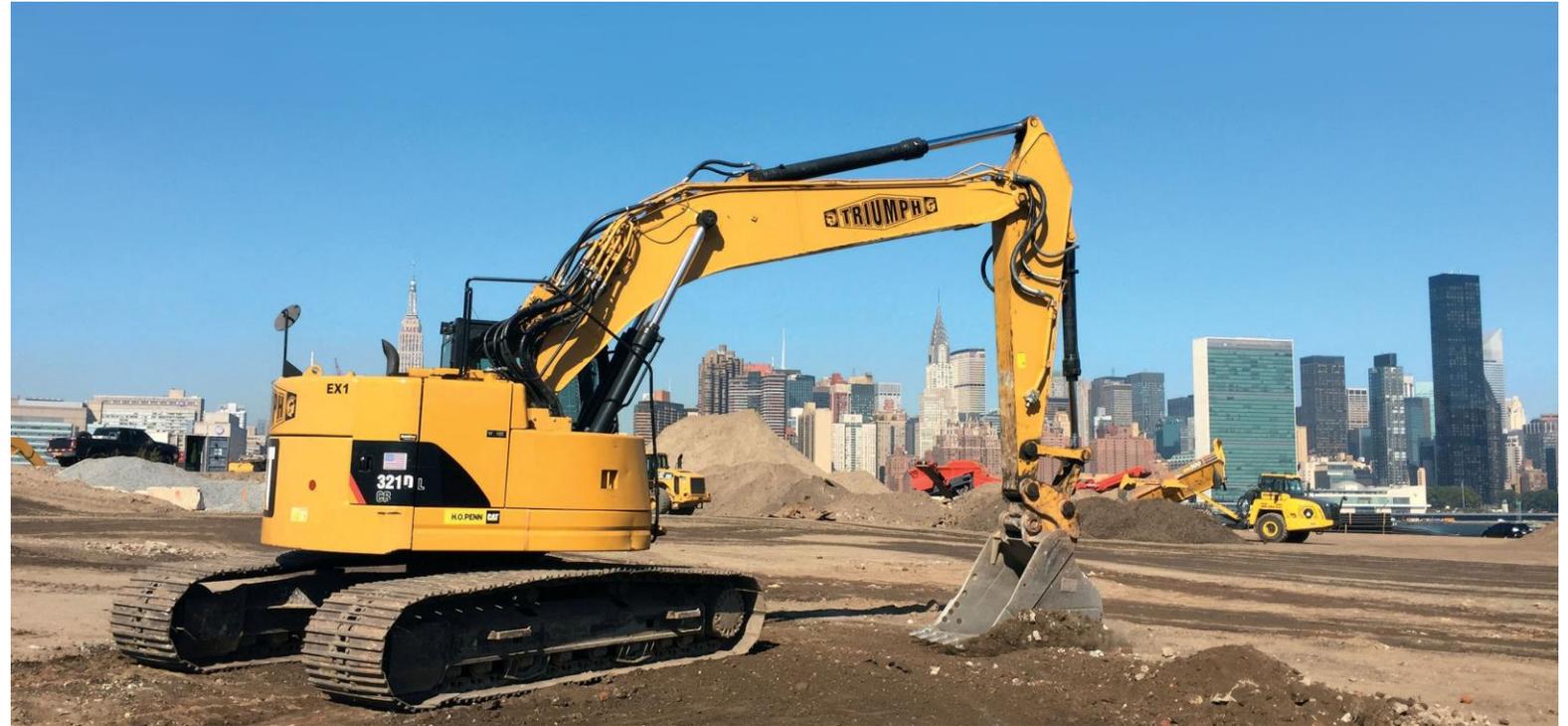


# TRIUMPH CONSTRUCTION



Preferred contractor for public agencies and private developers such as:

- NYC DDC
- NYC EDC
- NYC DOT
- MTA
- Related Corporation



NV5 is a global provider of technology, conformity assessment, and consulting solutions for public and private sector clients supporting infrastructure, utility, and building assets and systems.

## Service Verticals

- Infrastructure
- Utility Services
- Geospatial Technology
- Environmental Health Sciences
- Buildings & Owner Representative
- Testing, Inspection & Consulting



100 LOCATIONS WORLDWIDE

4,000 EMPLOYEES

1,500 TECHNICALLY LICENSED

**ENR**  
Engineering News-Record

#27 TOP 500 DESIGN FIRM 2021

#14 TOP 100 PURE DESIGNERS 2021

**FORTUNE**

#83 100 FASTEST GROWING COMPANIES 2020

**Forbes**

#77 AMERICA'S BEST SMALL COMPANIES 2022

2020 **HOT FIRM** #1  
ZWEIG GROUP 4 YEARS IN A ROW

BUILDING DESIGN + CONSTRUCTION

#8 TOP 40 ENGINEERING ARCHITECTURE FIRMS 2021

CONSULTING - SPECIFYING

**engineer**

#19 Cx GIANTS 2021

#18 MEP GIANTS 2021

#5 Top 85 University Engineering Firms 2022

#8 Top 65 Airport Engineering Firms 2022

#5 Top 70 Hotel Engineering Firms 2022

#15 Top 70 S+T Facility Engineering Firms 2022

#6 Top 70 Hospitality Engineering Firms 2022

#9 Top 50 Medical Office Engineering Firms 2022



## LOCAL SERVICES

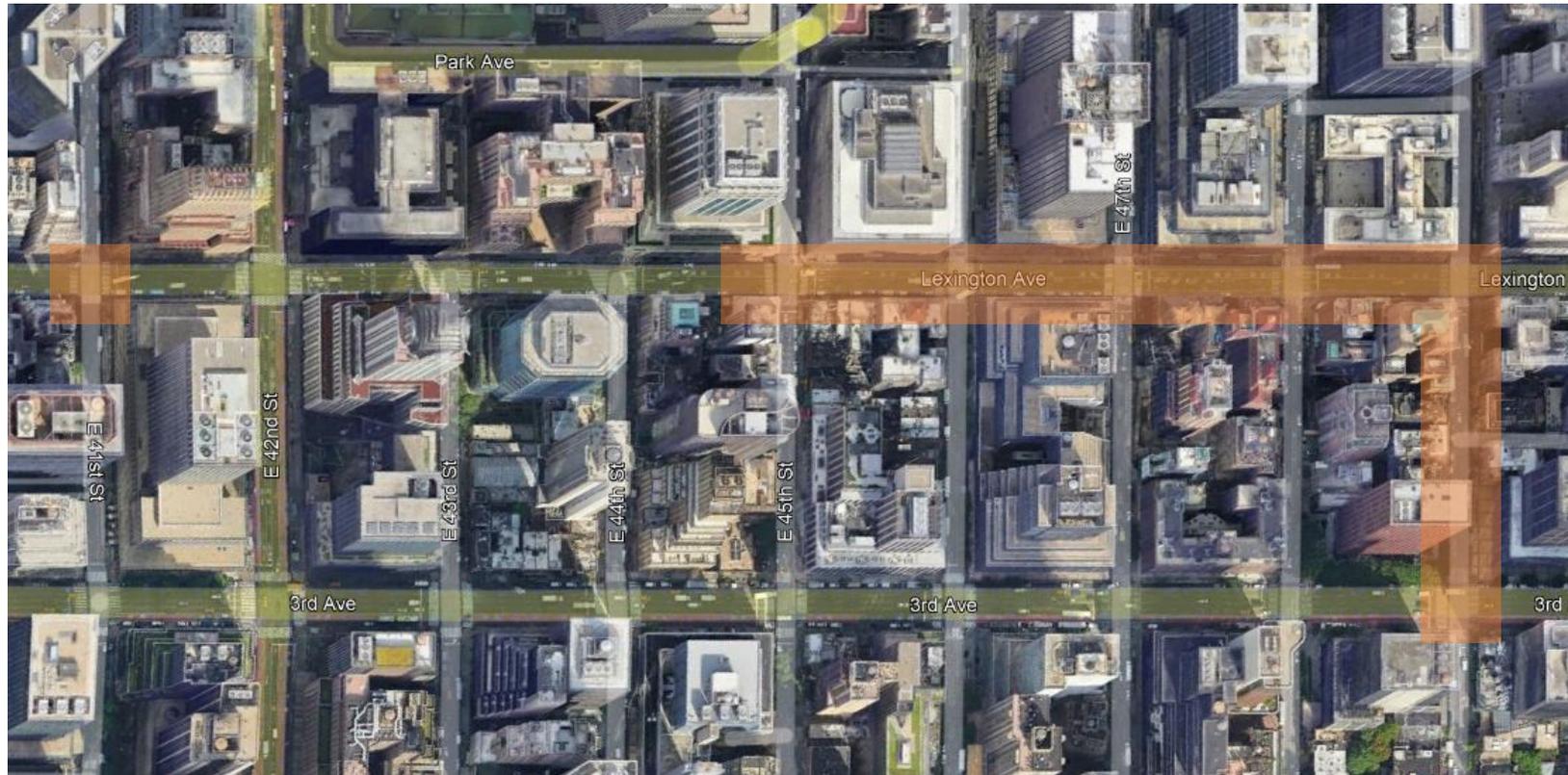
NV5 has been provide Professional Engineering, Landscape Architecture, Surveying and Construction Management / Resident Engineering Services to the City of New York, Local Development Corporations, Private utilities, and Non-for-Profit Community Based Organizations for over 55 years

<b>Resiliency</b> 	<b>Infrastructure</b> 	<b>Utilities</b> 	<b>Water Resources</b> 	<b>Environmental</b> 
<b>Landscape Architecture</b> 	<b>Green Infrastructure</b> 	<b>Planning</b> 	<b>Geotechnical Engineering</b> 	<b>Other Services</b> <ul style="list-style-type: none"> <li>• Mechanical Engineering</li> <li>• Electrical Engineering</li> <li>• Plumbing Engineering</li> <li>• Program Management</li> <li>• Forensic Engineering</li> </ul>
<b>Structures</b> 	<b>Construction Management</b> 	<b>Transportation Planning</b> 	<b>Site Engineering</b> 	

# HWMMLEXAV

## Lexington Avenue Pedestrian Safety Improvements

### *Design-Build*



# Project Overview



## Owner

- NYCDDC

## Location

- Lexington Avenue, Manhattan

## Work

- Design and Construction of seven (7) curb extensions at five (5) intersections on Lexington Ave.

## Project Value

- \$32.76 Million

## Status

- Notice to Proceed (NTP) October 2<sup>nd</sup>, 2023
- Substantial Completion July 2026

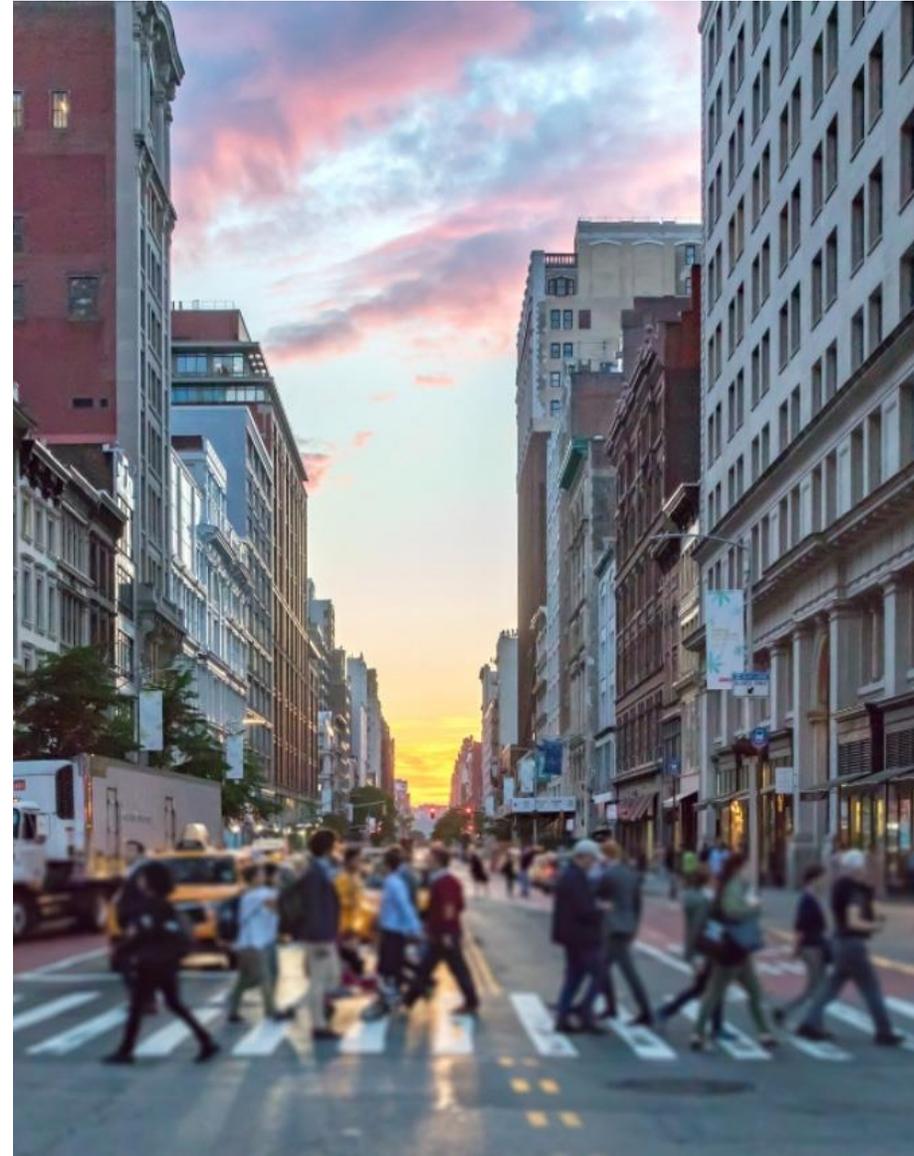


#	Intersection	Corner	Type	Street Crossing
1	Lexington Avenue & East 41st Street	Southeast	Half	Lexington Avenue
2	Lexington Avenue & East 45th Street	Southeast	Half	Lexington Avenue
3	Lexington Avenue & East 45th Street	Northeast	Full	Both Lexington & East 45th St
4	Lexington Avenue & East 46th Street	Southeast	Full	Both Lexington & East 46th St
5	Lexington Avenue & East 47th Street	Southeast	Half	Lexington Avenue
6	Lexington Avenue & East 47th Street	Northeast	Full	Both Lexington & East 47th St
7	Lexington Avenue & East 48th Street	Southeast	Half	Lexington Avenue



# Project Justification

- In the early 20<sup>th</sup> century, much of NYC's streets were redesigned to emphasize vehicular traffic over pedestrian.
- This project will not only ensure that the intersections are Federal & City ADA compliant, but also improve pedestrian safety and mobility as part of the Vision Zero Initiative
- An opportunity to replace over 2,000lf of watermain (6"-20") as well as replacing old or substandard catch basins.



# Partnered Trades/Vendors

- Survey
- Scheduling
- Curb & Sidewalk
- Soil Testing
- Pavement Markings
- Exterminating
- Photography
- Trucking & Disposing
- Tree Surveying
- Landscaping
- Paving
- Utility Installation



# Subconsultant Services



- Survey
- Civil Engineering
- Structural Engineering (Buildings)
- Coastal / Drainage Modeling
- Hazardous Materials Study, Testing and Design
- Mechanical, Electrical and Plumbing
- Cost Estimating
- Arborist Services
- Community Outreach
- Resident Engineering (Office Engineers, Inspectors, CCLs)
- APS Design/Traffic Signals
- Street Lighting
- Maintenance and Protection of Traffic

# Project M/WBE Goals



## 30% of Project Value

- Subcontractors:
  - 100% Value of Work
- Manufacturers/Fabricators:
  - 100% Value of Expenditure
- Material Suppliers:
  - 60% Value of Expenditure
- Brokers/Manufacturer Reps.:
  - 100% Value of Fees or Commission
- Professional Services:
  - 100% Value of Commission
- Trucking:
  - 100% Value of Trucking Operation (trucks owned or long term leased)
- Equipment Rental:
  - 100% Value of Expenditure
- Professional Services
  - 100% Value of Expenditure



## Contact Us

Please reach out to  
[estimating@triumphconstructionny.com](mailto:estimating@triumphconstructionny.com)  
Or at **(718) 344-9083**

Use this link to access a [Subcontractor Questionnaire](#)

Please be ready to provide the following:

- W9
- Sample Certificate of Insurance (COI)
- Company EMR
- Financial Statements



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*Wissam Akra, Director*
5. Dispute Resolution Opportunities
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9. Q&A

# Introduction



- HWP20MXQC – Installation of Non-Standard Pedestrian Ramps and Curb Ramps
- Restani Design Build Team
  - General Contractor : Restani Construction
  - Lead Designer : Thornton Tomasetti
- Wissam Akra, P.E, DBIA, MBA
  - Director



# Agenda

- Introductions
- About Restani
- Diversity & Inclusion
- Project Information
- Bidding
- Q&A



*South Beach Road Reconstruction*

# Restani Construction Corp



- 40 years of experience as a General Contractor in New York City
- Type of work:
  - Milling and Paving
  - Highway construction
  - Heavy Civil
  - Bridge Construction
  - Utility Work
- Union Contractor on City, State and Federal Projects:
  - NYCDDC
  - NYCDEP
  - NYCDOT
  - NYCDPR
  - NYCEDC
  - PANYNJ
  - NYSDOT
  - FHWA
  - MTA



# Restani Construction Corp



- Family Owned and Operated
- \$100M MWBE Contracts signed in the last year
- 200+ Employees
- New York City Focused



*Reconstruction of Tillary Street*



# Diversity & Inclusion



- 30% MWBE Goal
  - Applies to Design and Construction
  - NYC Certified Businesses
- Commitment to MWBE success on the job site
- Looking for partners for Complex Ramps and beyond



*South Beach Road Reconstruction*



# Project Overview

- Owner: NYCDDC
- Location: Bronx, Manhattan, Queens
- Work: Installation of Non-Standard Pedestrian Ramps and Curb Ramps
- NYC PLA Applies
- Status
  - Notice To Proceed: November 6, 2023
  - Substantial Completion: November 5, 2026



*Rehabilitation of Pedestrian Ramp*

# Scope Areas

- Trucking
- MPT
- Concrete Supply
- Arborist
- Surveying
- Landscaping



*Reconstruction of Tillary Street*

# Get Connected



- Restani Utilizes the Services of Tough Leaf, a technology platform that has detailed profiles on MWBE firms and reaches out to MWBE businesses on our behalf.
- You can always check what projects are available for bidding by going to [www.toughleaf.com/projects](http://www.toughleaf.com/projects)
- Claim your profile on Tough Leaf to make it easier for us to find you
- Contact: [Info@toughleaf.com](mailto:Info@toughleaf.com)



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*Manuel Lago, Deputy Director*  
*Public Buildings Design-Build Unit*
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# Dispute Resolution in Design Build



## M/WBE Opportunities

- DRB Member Candidates, Licensed in the United States:
  - Engineers
  - Architects
  - Attorneys
- Eligible participants cannot have a conflict of interest:
  - e.g., prior involvement in the project
  - e.g., cannot be employed, including fee-based consulting services, by either the DDC or the DB-Team, unless prior approval

# Dispute Resolution in Design Build



## M/WBE Opportunities

- Applies to **all alternative delivery projects**, across Public Buildings, Infrastructure, and BBJ programs
- Each Design-Build contract uses **alternative dispute resolution procedures**, including the use of a dispute resolution board
- Each project has a unique dispute resolution board established, with **members selected collectively** by the DB and the DDC
- Dispute Review Board intent is to **provide special expertise and assist** in, and facilitate, the **timely and equitable resolution of disputes** between the DDC and the Design-Builder

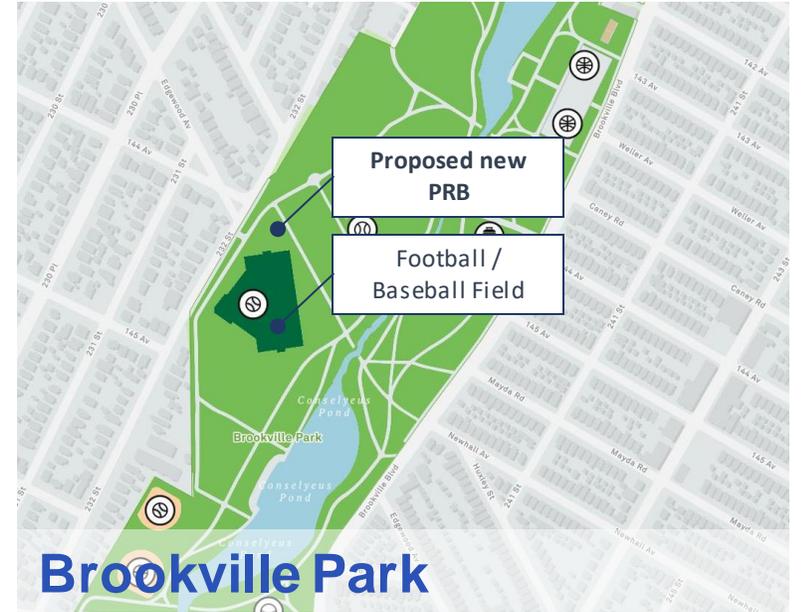
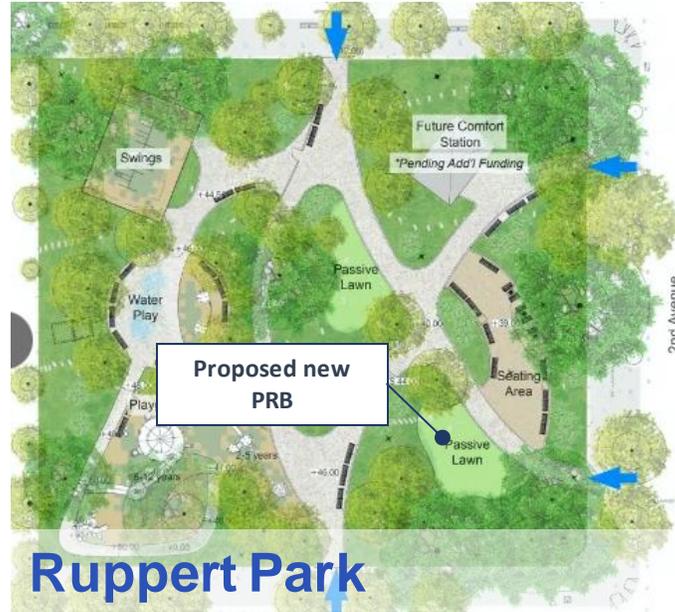
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*Helen Ko, RA, Senior Project Manager*  
*Public Buildings Design-Build Unit*
7. Borough-Based Jails (BBJ) Program Update
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# Public Restroom Buildings Bundle Project



# Public Restroom Buildings Bundle Project



## Project Information:

- Location: 5 - 6 parks throughout Manhattan, Queens and the Bronx
- Design Builder Budget: \$18M-\$23M

## Procurement Schedule:

- RFQ Issuance: December 28, 2023
- Shortlist Announcement and RFP Issuance: Q2 2024
- Anticipated NTP: Q4 2024

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***Kaushik Patel, BBJ Executive Program Director***
8. Lookahead
9. Q&A

# BBJ Portfolio: Early Works Projects



BK

## Brooklyn Dismantle & Temp. Sallyport

**Design-Build Team:** NorthStar Contracting Group Inc. with LiRo Group

**Project Budget:** \$59.7M

BX

## The Bronx Site Preparation

**Design-Build Team:** Yonkers Contracting Co. with Mueser Rutledge Engineers, PLLC

**Project Budget:** \$76.7M

MN

## Manhattan Dismantle & Temp. Sallyport

**Design-Build Team:** Gramercy Group, Inc. with LiRo Group

**Project Budget:** \$125M

QN

## Queens Dismantle & Temp. Sallyport

**Design-Build Team:** Hunter Roberts Construction Group Inc. with Urbahn Architects

**Project Budget:** \$43M



Photo credit: Worthington Images

## Queens Garage & Community Space

**Design-Build Team:** Hunter Roberts Construction Group Inc. with Urbahn Architects

**Project Budget:** \$82M

**Substantial Completion:** June 2023

# BBJ Portfolio: New Facilities



BK

**Brooklyn New Facility**

- **Design-Build Team:** Tutor Perini with HOK
- **Project Budget:** \$2.95 Billion
- **Next Milestone:** Substantial Completion Q2 2029

QN

**Queens New Facility**

- **Design-Build Team:** In Procurement
- **Project Budget:** \$ TBD
- **Next Milestone:** Notice to Proceed Q2 2024

BX

**The Bronx New Facility**

- **Design-Build Team:** In Procurement
- **Project Budget:** \$ TBD
- **Next Milestone:** Notice to Proceed Q2 2024

MN

**Manhattan New Facility**

- **Design-Build Team:** In Procurement
- **Project Budget:** \$ TBD
- **Next Milestone:** Shortlist, Request for Proposal Q1 2024



**Brooklyn Facility**  
Illustrative  
Rendering Studies

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8. **Lookahead**  
*Sarah Oakes, Assoc. DBIA, Deputy Director,  
Design-Build Unit*
9. Q&A



# Upcoming DDC Events



## **New Owner's Representative Contract**

Combined Public Buildings and Infrastructure Awarded Contract  
Anticipated Registration in 2024 Q1

## **Public Restroom Buildings Bundle Procurement Startup, December 2023 / January 2024**

RFQ Release and Pre-Submission Conference

## **Shirley Chisholm Recreation Center – Meet the Primes Event January 2024**

## **DB Forum, 2024 Q1 – Meet the Teams, BBJ**

Brooklyn New Facility

# Thank you!



# Design Build at DDC



## Current and Future Design Build Opportunities

<https://designbuild.ddcanywhere.nyc/>

### **Stella Uwaechie, Manny Lago, Helen Ko and Sarah Oakes**

Design Build Unit, Public Buildings & Infrastructure

[uwaechist@ddc.nyc.gov](mailto:uwaechist@ddc.nyc.gov)

[lagoma@ddc.nyc.gov](mailto:lagoma@ddc.nyc.gov)

[kohe@ddc.nyc.gov](mailto:kohe@ddc.nyc.gov)

[oakessa@ddc.nyc.gov](mailto:oakessa@ddc.nyc.gov)

### **Kaushik Patel**

BBJ Program

[patelk4@ddc.nyc.gov](mailto:patelk4@ddc.nyc.gov)

### **Triumph / NV5**

[estimating@triumphconstructionny.com](mailto:estimating@triumphconstructionny.com)

[Dcody@trimpconstructionny.com](mailto:Dcody@trimpconstructionny.com)

[Joseph.menzer@nv5.com](mailto:Joseph.menzer@nv5.com)

### **Restani / T&T**

[Info@toughleaf.com](mailto:Info@toughleaf.com)

[estimating@restani.com](mailto:estimating@restani.com)