Community engagement will guide Mayor Adams’ & DOT’s decisions about the future of the full Brooklyn BQE Corridor.
**BQE Vision**

**Overview**

- **Greenpoint/Williamsburg Viaduct**
- **Williamsburg Trench**
- **Navy Yard Viaduct**
- **Gowanus/Sunset Park Viaduct**
- **Bay Ridge Trench**

For Discussion Purposes Only.
# Project Timeline

**BQE Corridor Vision Anticipated Timeline**

<table>
<thead>
<tr>
<th>Year</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
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<tr>
<td>BQE Central</td>
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<td>Intensive Monitoring</td>
<td>Span 4/34 Project</td>
<td>Urgent Repairs As Needed</td>
<td>Approvals + Ongoing Engagement</td>
<td>Design-Build Procurement</td>
<td>Design and Construction + Ongoing Engagement</td>
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<td>BQE North and South</td>
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<td></td>
<td>Engagement</td>
<td>Design/Implementation of Short-term Improvements</td>
<td>Planning/Design/Implementation of Long-term Improvements On-going Multi-Agency Coordination and City-State Partnership</td>
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<td>Engagement</td>
<td>On-going Multi-Agency Coordination Planning/Design/Implementation</td>
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</tbody>
</table>

For Discussion Purposes Only.
**Project Timeline**

**BQE Central: Previous Events**

- **2022**
  - BQE Central Workshop 1
  - Thursday, October 13, 2022

- **2023**
  - Intensive Monitoring

- **2024**
  - Span 4/34 Project

- **2025**
  - Urgent Repairs As Needed

- **2026**
  - Visioning
  - Approvals + Ongoing Engagement

- **2027**
  - Design-Build Procurement

- **2028**
  - Design and Construction + Ongoing Engagement

For Discussion Purposes Only.
Process Update

Project Timeline
BQE Central: Upcoming Events

<table>
<thead>
<tr>
<th>2022</th>
<th>2023</th>
<th>2024</th>
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<td>Span 4/34 Project</td>
<td>Urgent Repairs As Needed</td>
<td>Visioning</td>
<td>Approvals + Ongoing Engagement</td>
<td>Design-Build Procurement</td>
<td>Design and Construction + Ongoing Engagement</td>
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</tbody>
</table>

WE ARE HERE, BEGIN EIS PROCESS & APPLY FOR GRANTS

BQE Central Workshop 1
Thursday, October 13, 2022

BQE Central Workshop 2
Feedback on Initial Concepts
In-Person
Tuesday, December 13, 2022
6:30 PM to 8:30 PM
New York City College of Technology
285 Jay Street, Brooklyn, NY 11201

Virtual
Thursday, December 15, 2022
6:30 PM to 8:30 PM

BQE Central Workshop 3
Further Refine Concepts
Virtual
Tuesday, February 28, 2023
6:30 PM to 8:30 PM
Details coming soon

In-person
Thursday, March 2, 2023
6:30 PM to 8:30 PM
Details coming soon
**Project Timeline**

**BQE Central: Upcoming Events**

<table>
<thead>
<tr>
<th>Year</th>
<th>Events</th>
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</thead>
<tbody>
<tr>
<td>2022</td>
<td>BQE Central Workshop 1</td>
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<td>Thursday, October 13, 2022</td>
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<td>Feedback on Initial Concepts</td>
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<td>In-Person</td>
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<td></td>
<td>Tuesday, December 13, 2022</td>
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<td>6:30 PM to 8:30 PM</td>
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<td>New York City College of</td>
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<td>Technology</td>
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<td>285 Jay Street, Brooklyn, NY</td>
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<td></td>
<td>Thursday, December 15, 2022</td>
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<td>6:30 PM to 8:30 PM</td>
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<td>Please register in advance:</td>
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<table>
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<tr>
<th>2023</th>
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<td>Further Refine Concepts</td>
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<tr>
<td></td>
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<td>Details coming soon</td>
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<table>
<thead>
<tr>
<th>2024</th>
<th>BQE Central Workshop 3</th>
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<tbody>
<tr>
<td></td>
<td>Initiate Environmental</td>
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<tr>
<td></td>
<td>Review Process</td>
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<td></td>
<td>&amp; Apply for Grants</td>
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<td>Spring 2023</td>
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<td>There will be additional</td>
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<td>community feedback throughout</td>
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<tr>
<td></td>
<td>environmental review.</td>
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</tbody>
</table>

WE ARE HERE | BEGIN EIS PROCESS & APPLY FOR GRANTS

For Discussion Purposes Only.
Who's Involved?

Community Visioning Council
... Guides the Engagement Process
Representatives from elected official offices, industry, small business organizations, civic and tenant associations, environmental justice and transportation advocates.

Community Partners
... Help Lead Grassroots Engagement
Engagement resources for community based organizations, with meaningful community ties, demonstrated experience in mobilizing their constituencies, and specialty in multilingual capacity.

Topical Working Groups
... Facilitate Focussed Discussions
Subject Matter Experts facilitate discussion around critical issues such as traffic, transportation, and logistics; open space, connectivity, and public realm; environmental justice, accessibility, and equity; and land use and economic development.

Local, State, & Federal Agencies

For Discussion Purposes Only.
What Did We Hear from the Community?
What Did We Hear?

What have we heard?

Issues & Opportunities

What is one word that comes to mind when you think of the BQE?
What Did We Hear?

Throughout this process, we have heard...

- Use this opportunity for a **visionary, forward-thinking project** for generations to come.

- **Reconnect our communities and open space** in an accessible & resilient way.

- **Reduce pollution, noise, and traffic and negative health impacts.**

- **Reduce or obscure the physical presence of the BQE,** by covering the highway by capping, burying, tunneling, or removing the BQE and create new opportunities for open space.

- **Respect the historic** nature of the Promenade.

- **Be very transparent** about the pros & cons of recommended design options.
Design Concept Considerations
Overview

Considerations

Explore

Tunnels & Open Space Connections

Review

Effects on Public Property

Brooklyn Bridge Park Connections

Effects on Private Property

Promenade Configuration & View Shed

Avoid

Fully or Partially Replace Retaining Wall

Roadway Width & Configuration

MTA Facilities

DEP Interceptor Sewer

Brooklyn Bridge Surface Connections

Manhattan Bridge to BQE

Atlantic Ave Interchange
Tunnels & Open Space Connections
(Definitions per National Fire Prevention Association)

**Category X:**
- **< 300ft**
- Gateway Arch Park
  - St Louis, MO

**Category A:**
- **300 - 800 ft**
- The Presidio
  - San Francisco, CA

**Category B/C/D:**
- **> 800 ft**
- Big Dig
  - Boston, MA
**Tunnels & Open Space Connections**

(Category X: < 300’)

---

*Through design and engineering studies, and with consideration for critical infrastructure, private property, fiscal responsibility, and life/safety requirements, we determined coverings of 300’ to be achievable and coverings of 300-600’ may be feasible but in need of additional analysis.*

---

For Discussion Purposes Only.
Tunnels & Open Space Connections
(Category A: 300’ - 800’)

*Through design and engineering studies, and with consideration for critical infrastructure, private property, fiscal responsibility, and life/safety requirements, we determined coverings of 300’ to be achievable and coverings of 300-800’ may be feasible but in need of additional analysis.*
Considerations

Roadway Width and Configuration

* Shoulder width will be determined during the design process based on constraints and safety.

For Discussion Purposes Only.
Design Concepts
Design Concepts

BQE Central Sub-areas

1. DUMBO & MANHATTAN BRIDGE PARKS
2. BROOKLYN BRIDGE & ANCHORAGE PLAZA
3. COLUMBIA HEIGHTS & ADJACENT PARKS
4. BROOKLYN
5. ATLANTIC AVE INTERCHANGE & VAN VOORHEES PARK

For Discussion Purposes Only.
Section Matrix - Triple Cantilever

Existing

Partial Replacement

Replacement

Flat Below Street-Level  Flat At Street-Level  Flat Above Street-Level  Stacked At Street-Level  Stacked Above Street-Level
Design Concepts

Triple Cantilever Concepts

Existing Condition

The Stoop

Roadway Structure

The Terraces

Potential Open Spaces

The Lookout
Design Concepts

Triple Cantilever Concepts

Design Studies (Ongoing)

The Stoop

The Terraces

TERRACES

ACCESS

The Lookout

HIGHWAY SCREENING
Triple Cantilever Concepts

The Terraces

The Lookout

The Stoop
Design Concepts

The Terraces | Partial Replacement

Stacked Above Street > Stacked Above Street > Stacked Above Street
The Terraces | Partial Replacement

Stacked Above Street > Flat at Street > Stacked Above Street
The Terraces - Elevation
Continuous Stacked Above Street-Level
The Terraces - Elevation
Stacked to Stacked at Street-Level to Stacked Above Street-Level

1. COLUMBIA HEIGHTS
   - Stacked

2. CLARK STREET FAN PLANT
   - Stacked at Street-Level

3. TRIPLE CANTILEVER

4. JORALEMON ST
   - Above Street-Level

5. ATLANTIC AVE

For Discussion Purposes Only.
The Terraces - Existing Conditions
Partial Replacement At Street-Level
The Terraces - Roadway Structure
Partial Replacement Above Street-Level
The Terraces - Roadway Structure
Partial Replacement At Street-Level
The Terraces - Potential Open Space
Partial Replacement
The Terraces - Potential Open Space
Partial Replacement At Street-Level
The Terraces - Design Studies
Partial Replacement At Street-Level
The Terraces - Design Studies
Partial Replacement Above Street-Level
The Terraces - Design Studies
Partial Replacement Above Street-Level
The Lookout | Full Replacement

Stacked Above Street > Stacked Above Street > Stacked Above Street
The Lookout - Elevation
Continuous Stacked Above Street-Level

Design Concepts

1. COLUMBIA HEIGHTS
2. CLARK STREET FAN PLANT
3. TRIPLE CANTILEVER
4. JORALEMON ST
5. ATLANTIC AVE

Stacked

Stacked Above Street-Level
Design Concepts

The Lookout | Full Replacement

[Map of the area with labels: ENHANCED PROMENADE, LANDSCAPE CONNECTION, LANDSCAPE CONNECTION]
The Lookout - Existing Conditions

Full Replacement
The Lookout - Roadway Structure

Full Replacement
Design Concepts

The Lookout - Potential Open Space
Full Replacement
The Lookout - Design Studies
Full Replacement
The Lookout - Design Studies
Full Replacement
The Lookout - Design Studies
Full Replacement
The Stoop | Partial Replacement

Stacked Above Street > Flat Above Street > Stacked Above Street
The Stoop - Elevation
Stacked to Flat Above Street-Level to Above Street-Level

Design Concepts

1. COLUMBIA HEIGHTS
   Stacked

2. CLARK STREET FAN PLANT
   Flat Above Street-Level

3. TRIPLE CANTILEVER

4. JORALEMON ST
   Above Street-Level

5. ATLANTIC AVE

FLAT SECTION: 300'

For Discussion Purposes Only.
The Stoop - Existing Condition
Partial Replacement
The Stoop - Roadway Structure
Partial Replacement
The Stoop - Potential Open Space
Partial Replacement
*Through design and engineering studies, and with consideration for critical infrastructure, private property, fiscal responsibility, and life/safety requirements, we determined coverings of 300’ to be achievable and coverings of 300-800’ may be feasible but in need of additional analysis.
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Design Concepts

Triple Cantilever Concepts

Design Studies (Ongoing)

The Stoop

The Terraces

The Lookout

TERRACES

ACCESS

HIGHWAY SCREENING

For Discussion Purposes Only.
Q&A

Julie Bero, NYCDOT Chief Strategy Officer
Tanvi Pandya, NYCDOT Executive Director for the BQE, Bridges
David Vega-Barachowitz, WXY Studio, Associate Principal; Joint Venture
Jeff Carpenter, Parsons, Project Manager; Joint Venture
Jeremy Siegel, Bjarke Ingels Group (BIG), Associate; Joint Venture
Considerations

Overview

- Structural Condition & Safety
- Project Limits
- Grant Timeline
- Environmental Process
- Budget
- Constructability
Effect of Two-lane Conversion of Triple Cantilever

- After the two-lane conversion, comparative 2021 and 2022 DOT data show significantly decreased traffic speeds in all surrounding neighborhoods – some up to 30-50% – including in neighborhoods not adjacent to BQE Central.
- Bus speeds on local routes, including the B61, B63, and B57 declined by 5-10% compared to 2019.
Effect of Two-lane Conversion of Triple Cantilever

- We’ve witnessed and heard repeatedly from impacted communities that traffic has increased notably on local streets that were not designed to safely manage this volume of vehicles, especially trucks.
- This is not safe or sustainable for our neighborhoods, and while we pursue policy options to incentivize reduced car and truck travel, we need to keep trucks off our local roads.
Workshop Format

1. Learn about the BQE Corridor Project

2. Learn about new design concepts

3. Discuss design concepts and leave comments

- 4A: Triple Cantilever & Brooklyn Heights Promenade
- 4B: Triple Cantilever & Brooklyn Heights Promenade
- 4C: Triple Cantilever & Brooklyn Heights Promenade
- 5: Atlantic Ave Interchange & Van Voorhees Park
- 2+3: Brooklyn Bridge & Anchorage Plaza + Columbia Heights & Adjacent Parks
- 1: Dumbo & Manhattan Bridge Parks

Share & Discuss
- Learn
- Meet & Greet

For Discussion Purposes Only.
Other Considerations
Effects on Public Property

Considerations

Trinity Park
Harry Chapin Playground
Van Voorhees Park
Manhattan Bridge Parks
Bar & Grill Park
Clumber Corner
Anchorage Plaza
Columbia Heights
Squibb Park
Hillside Dog Park
Considerations

Effects on Private Property

*Disclaimer: these properties are connected with the BQE structure and are special cases for DOT.

For Discussion Purposes Only.
Promenade Configuration & View Shed
Considerations

Fully or Partially Replace Retaining Wall

For Discussion Purposes Only.
MTA Facilities at Clark St

Considerations

CLARK ST TUNNEL

CLARK ST FAN PLANT AND EGRESS
Considerations

DEP Interceptor Sewer
Brooklyn Bridge & Anchorage Plaza Surface Connections

Considerations
Considerations

Manhattan Bridge to BQE Connection

Manhattan Bridge to BQE Connection
Atlantic Ave Interchange