

Welcome! We will begin in a few minutes

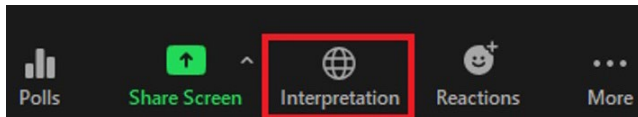
Translation & Accessibility

- Closed Captioning is available in English and live interpretation is available in Spanish via the *Interpretation* button
- Please use the chat to submit your questions.
- This workshop will also include breakout room discussions.

¡Bienvenido! Empezaremos en unos minutos

Traducción y Accesibilidad

- Los subtítulos están disponibles en inglés y la interpretación en vivo está disponible en español a través del botón de *Interpretación*
- Utilice el chat para enviar sus preguntas.
- Este taller también incluirá discusiones en cuartos virtuales separados.





Harlem River Greenway Workshop #2

University Heights Bridge to Macombs Dam Bridge

Wednesday, April 19, 6-8pm



Project Team

City and State Team



New York State
Parks, Recreation and
Historic Preservation



Community Partners



Consultant Support

Sam Schwartz

SCAPE



Agenda

- Project Background & Goals
- Process + Schedule
- Existing Conditions
- Breakout Room Activity
- Next Steps/
Announcements



Poll #1

How do you currently
travel in the area?

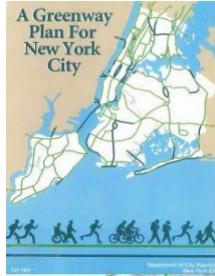
Project Background

- Bronx communities have been **historically disconnected from the Harlem River**
- **Long-time advocacy** for a continuous greenway and improved connectivity
- This is a **community-based process** to develop an implementation plan for the Greenway
- When complete, the Greenway will consist of a continuous **7-mile, multi-use shared path** connecting Van Cortlandt Park to Randall's Island Park



Past Planning Studies

A Greenway Plan for New York City, **1993**



Harlem River Greenway Plan (Pratt Center for Community Development), **2011**



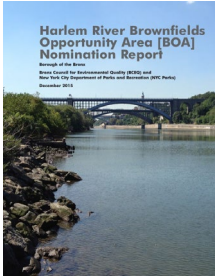
Bronx, Meet Your Waterfront (MIT), **2011**



Mott Haven/Port Morris Waterfront Plan (South Bronx Unite), **2012**



Harlem River Brownfields Opportunity Area Report (BCEQ/Parks), **2015**



Special Harlem River Waterfront District Expansion (DCP), **2017**



Harlem River Bridges Plan (DOT), **2018**



Harlem River Watershed and Natural Resources Management (Parks), **2020**



What is a Greenway?



- **Continuity is key**
- **Main greenway corridor** is comprised of several continuous segments (on and off street)
- Main corridor links to the rest of the network via **greenway connectors**
- Often along natural and man-made linear spaces (rail/highway rights-of-way, rivers, waterfronts, and parks)



Greenways

are continuous, multi-use corridors for human-powered or electric-assist transportation and recreation, defined and named by the City and community-driven planning processes

Greenway segment

Greenway connector

Benefits of a Greenway

- Improves **transportation access** and **mobility**
- Provides opportunities for active transportation (improving **health**)
- Encourages **sustainable** modes of transportation (biking and walking)
- Brings people together through **recreation** and leisure
- Encourages **economic development** in the area
- **Connects people to nature** and the waterfront



Project Goals

- Develop a **comprehensive plan** for a continuous, safe, and accessible path
- **Work with community members** to plan a greenway that best serves Bronxites
- Identify a series of **short-term street improvement projects** and **long-term capital projects** along the Harlem River
- **Identify greenway connectors** to provide upland communities with access to the Harlem River Greenway and waterfront



Project Schedule



Implementation Strategies

- *Street Improvement Projects* use DOT's in-house resources such as paint and delineators to make street design changes quickly
- *Capital Projects* are longer-term, major street reconstruction projects which modify the geometry of the street and are often coordinated with sewer and water upgrades



Kent Avenue, DOT In-house Street Improvement Project, 2009



Kent Avenue, DOT/DDC Capital Project, 2021

Study Area Overview

- Van Cortlandt Park to Randall's Island Park
- 7-mile route
- 3 focus sections:
 - Van Cortlandt Park to University Heights Bridge
 - University Heights Bridge to Macombs Dam Bridge
 - Macombs Dam Bridge to Randall's Island Connector



Workshop # 2 Focus Area

- Central Section: University Heights Bridge to Macombs Dam Bridge



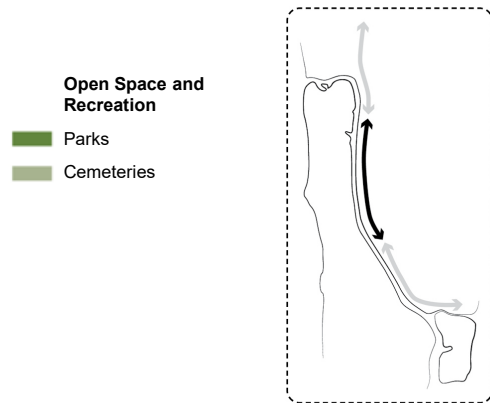
Study Area Context and Neighborhood Destinations



Creating Connections

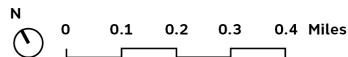


Key Destinations: Parks, Open Space and Recreation

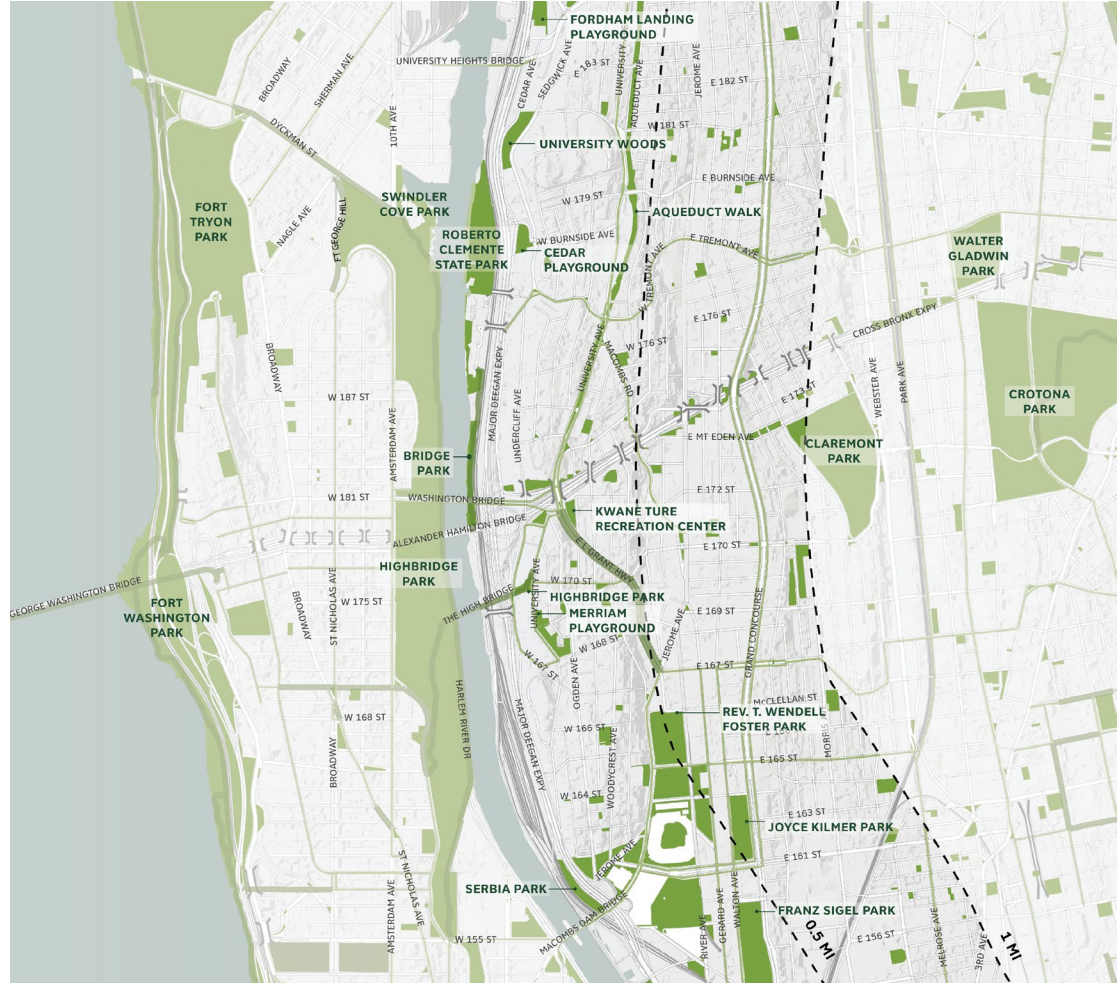


Open Space and Recreation

- Parks
- Cemeteries



Data Sources
 NYS Open Data, New York State Historic Sites and Park Boundaries (2018), <https://gis.ny.gov/gisdata/inventories/details.cfm?DSID=430>
 NYC Open Data, Parks Properties (2023) <https://data.cityofnewyork.us/Recreation/Parks-Properties/enfh-gkve>



Key Destinations: Parks, Open Space and Recreation



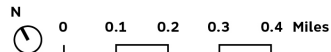
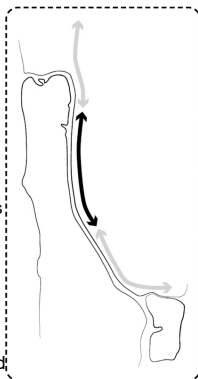
Key Destinations: Community Assets & Places of Interest

Public Facilities

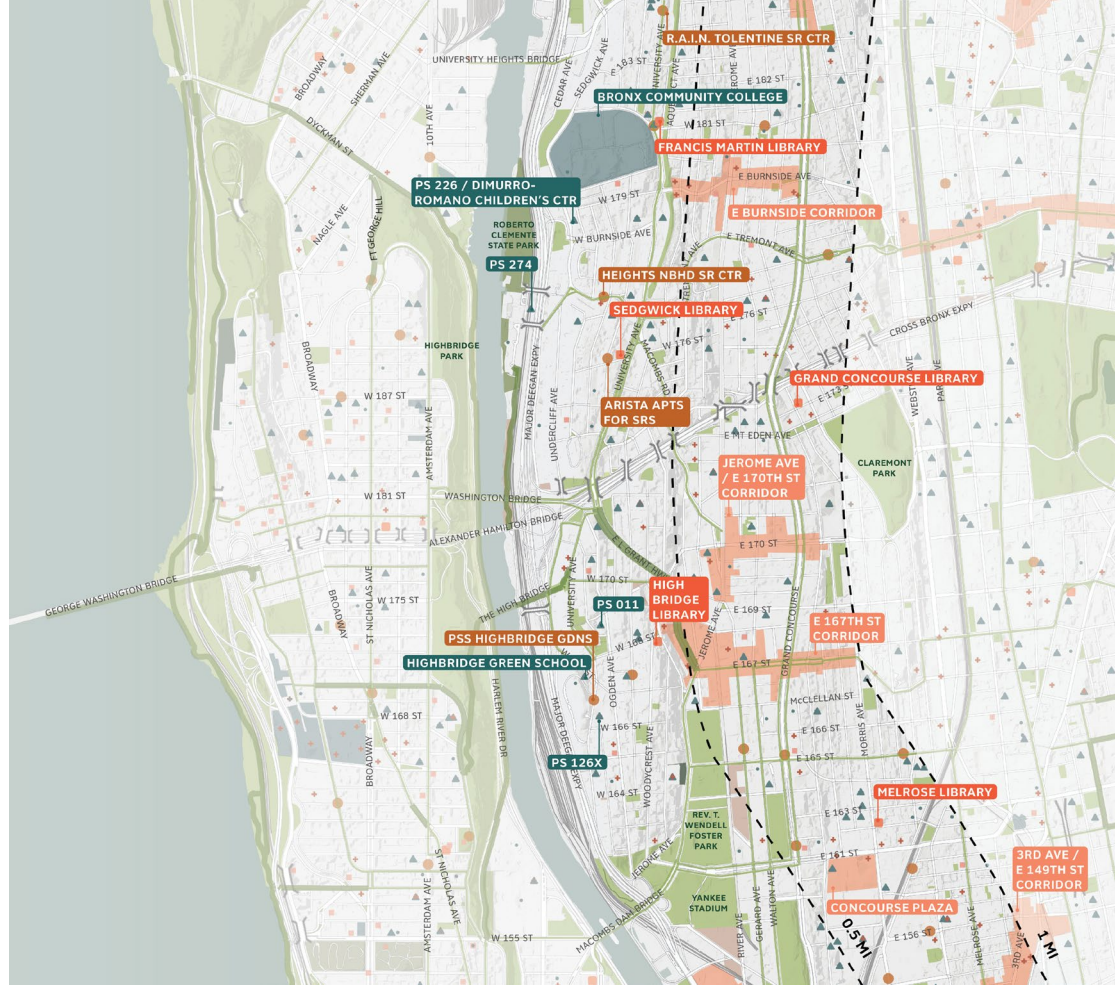
- Higher Education
- ▲ Schools (K-12)
- Day Care and Pre-K
- Cultural Institutions
- Libraries
- Senior Centers
- + Health Care Facilities
- Hospitals
- Commercial Centers
(based on site observations
and desktop analysis)

Existing Bike Routes

- Protected
- Curbside, Sharrows, Signed



Data Sources
 NYC DCP, Facilities Database (2022) <https://www.nyc.gov/site/planning/data-maps/open-data/dwn-facilities>
 NYC Open Data, Affordable Housing Production by Building (2022), <https://data.cityofnewyork.us/Housing-Development/Affordable-Housing-Production-by-Building/hg8k-zzpr>
 NYC Open Data, Map of NYCHA Developments (2022), <https://data.cityofnewyork.us/Housing-Development/Map-of-NYCHA-Developments/drv-hu5>



Transportation Conditions

2

Poll #2

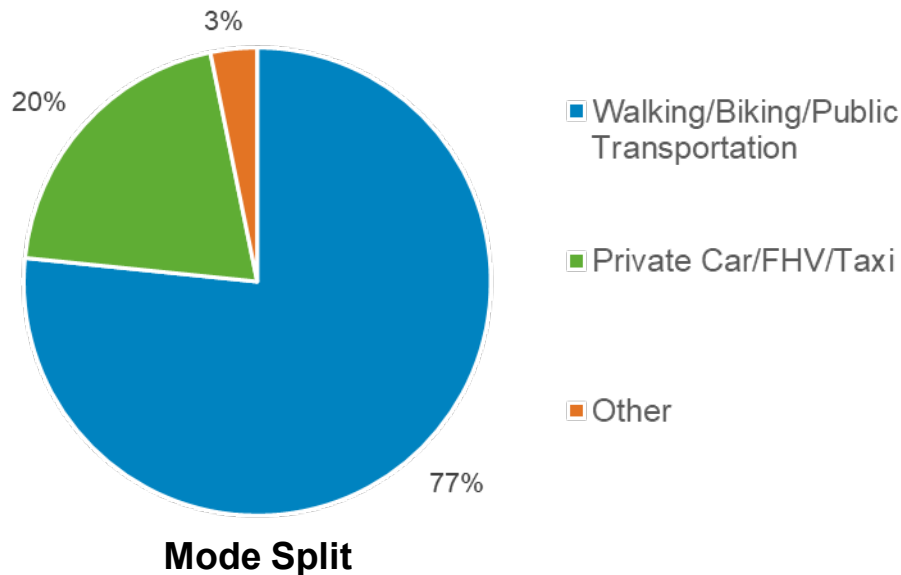
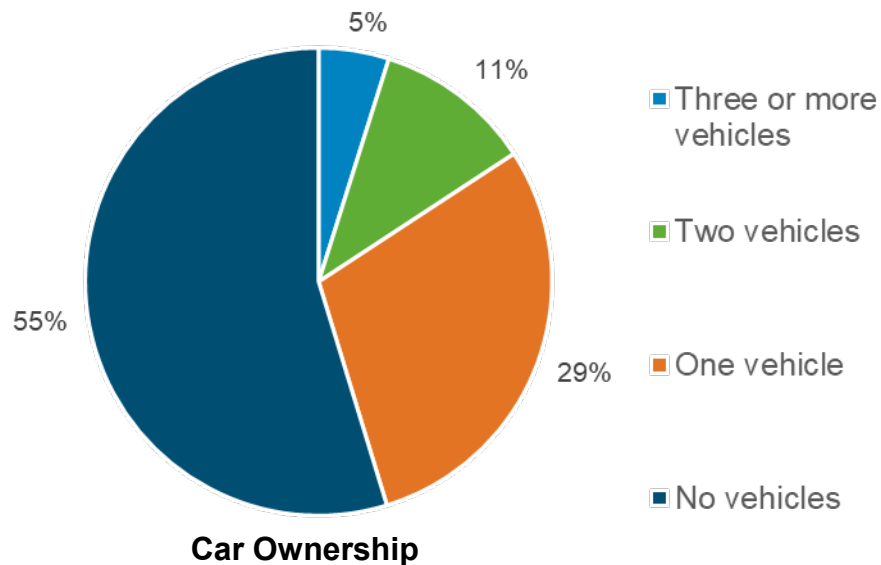
How would you like to travel in your area?

Travel Patterns



Nearby residents primarily travel by walking, transit, and biking

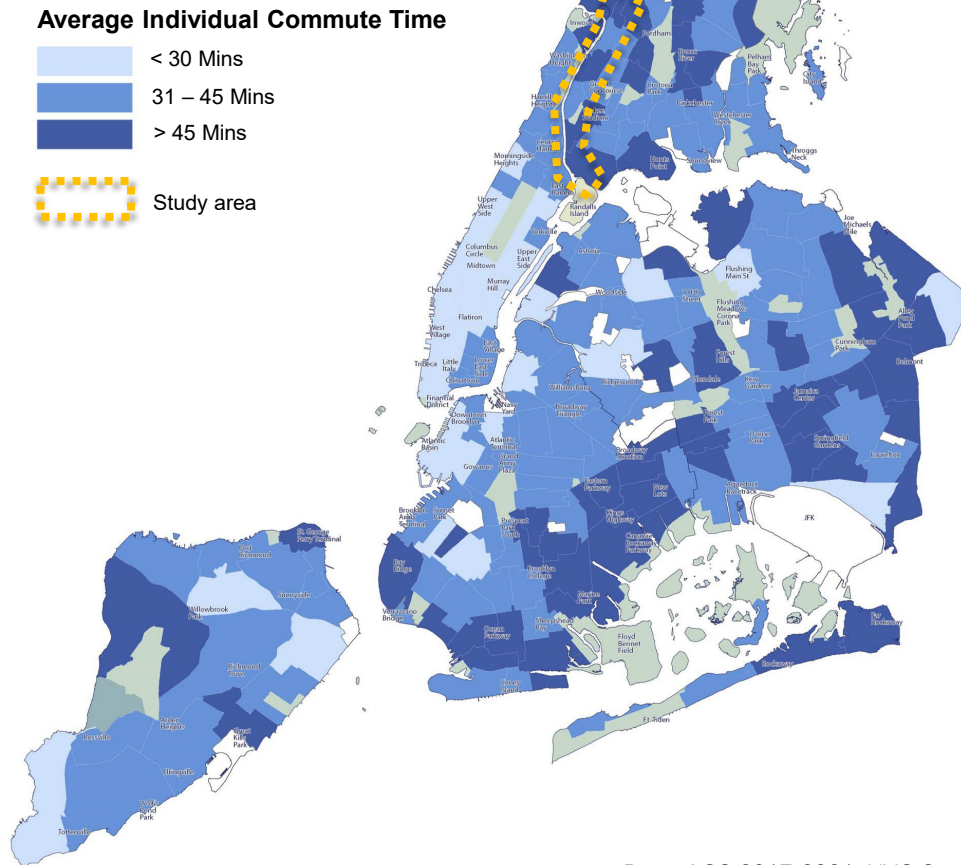
Typical Weekday



Data: Replica Fall 2021 datasets (ACS 2019); Figures shown represent 1 mile buffer around HRG study area

Commute Travel Times

- Most people in study area have commute times longer than 30 minutes
- Greenways can provide additional transportation options and support connections to transit

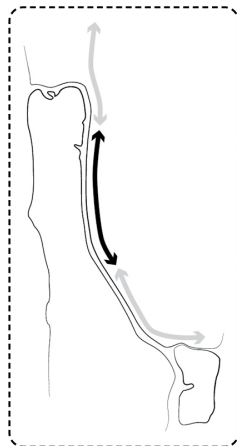


Data: ACS 2017-2021, NYC Streets Plan

The Transportation Network

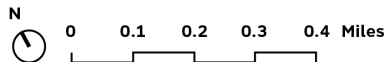


Transit Network + Hubs



Public Transportation

- ● ● MTA Subway Stations
- Bus
- Metro North Stations
- Highways



Data Sources
NYC DOT
NYC Open Data



Bicycle Facilities - Typologies



Shared Bicycle Lanes

Shared lane markings guide cyclists where to ride on the street

- **Alert drivers & cyclists** of shared space
- **Provide wayfinding** for cyclists
- **Guide cyclists away from car doors**



Standard Bicycle Lanes

Bicycle lanes provide dedicated space in the road

- **Discourage speeding** by visually narrowing the road
- **Increase predictability** by clearly defining road space for each user

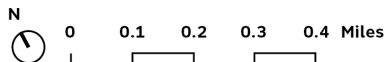
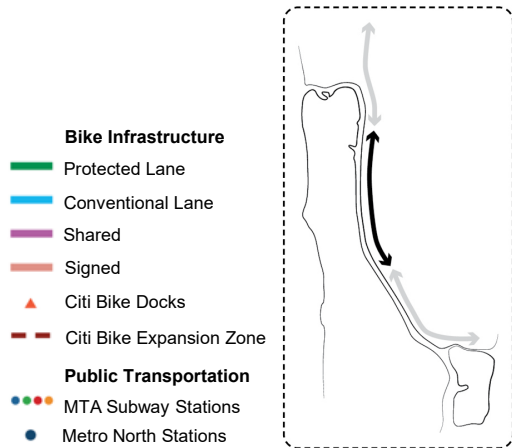


Protected Bicycle Lanes

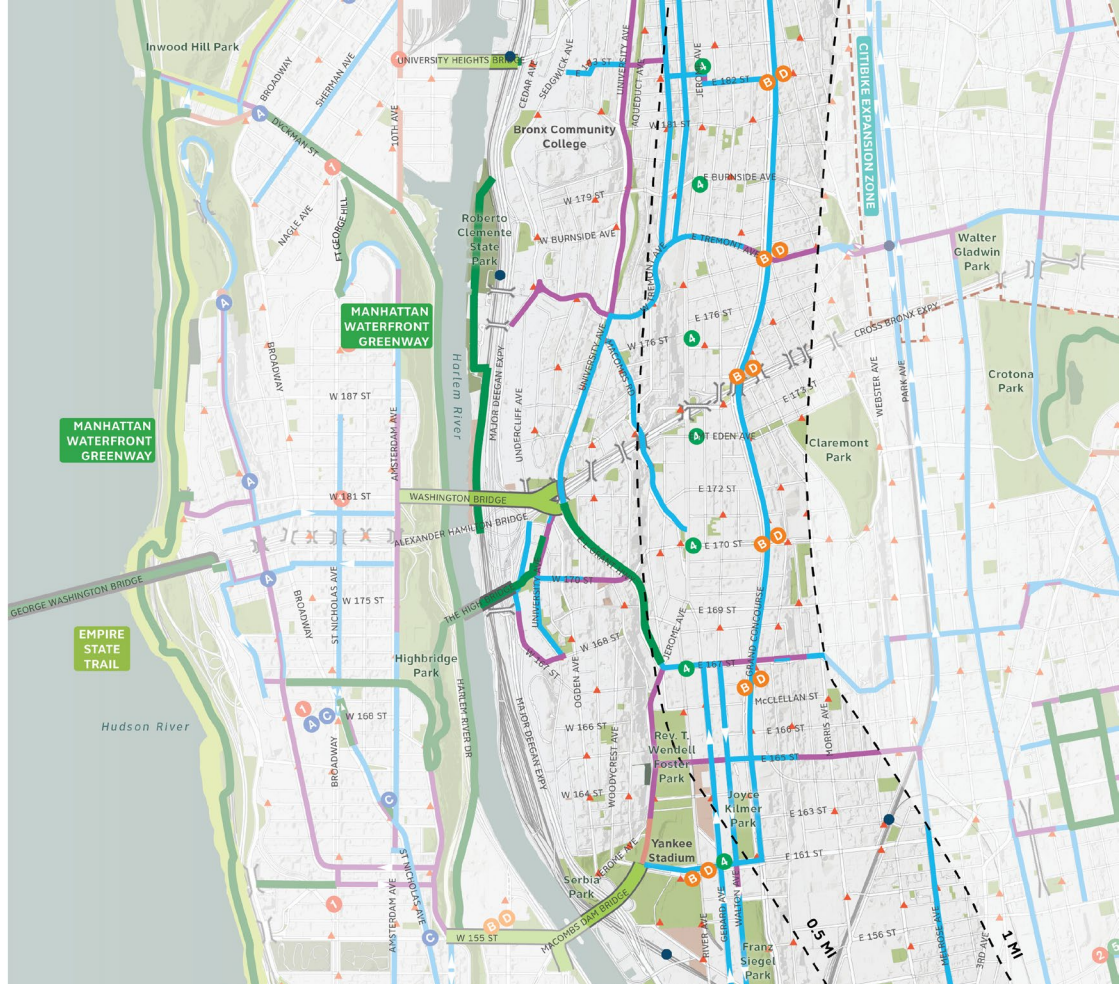
Bicycle lanes protected by bollards or floating parking

- Maximize **traffic calming** by physically narrowing roadways
- **Increase safety for all road users** by shortening crossing distances for pedestrians, & separating people driving and biking

Existing Bicycle Infrastructure



Data Sources
NYC DOT
NYC Open Data

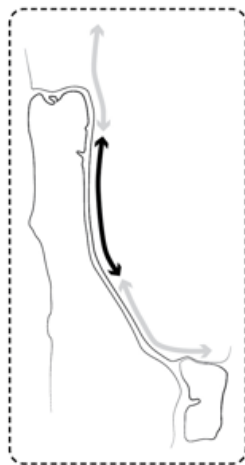




Auto-oriented
infrastructure impedes
biking and walking
connection to the
waterfront

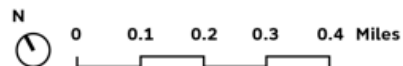


Safety – Vision Zero Priority Areas

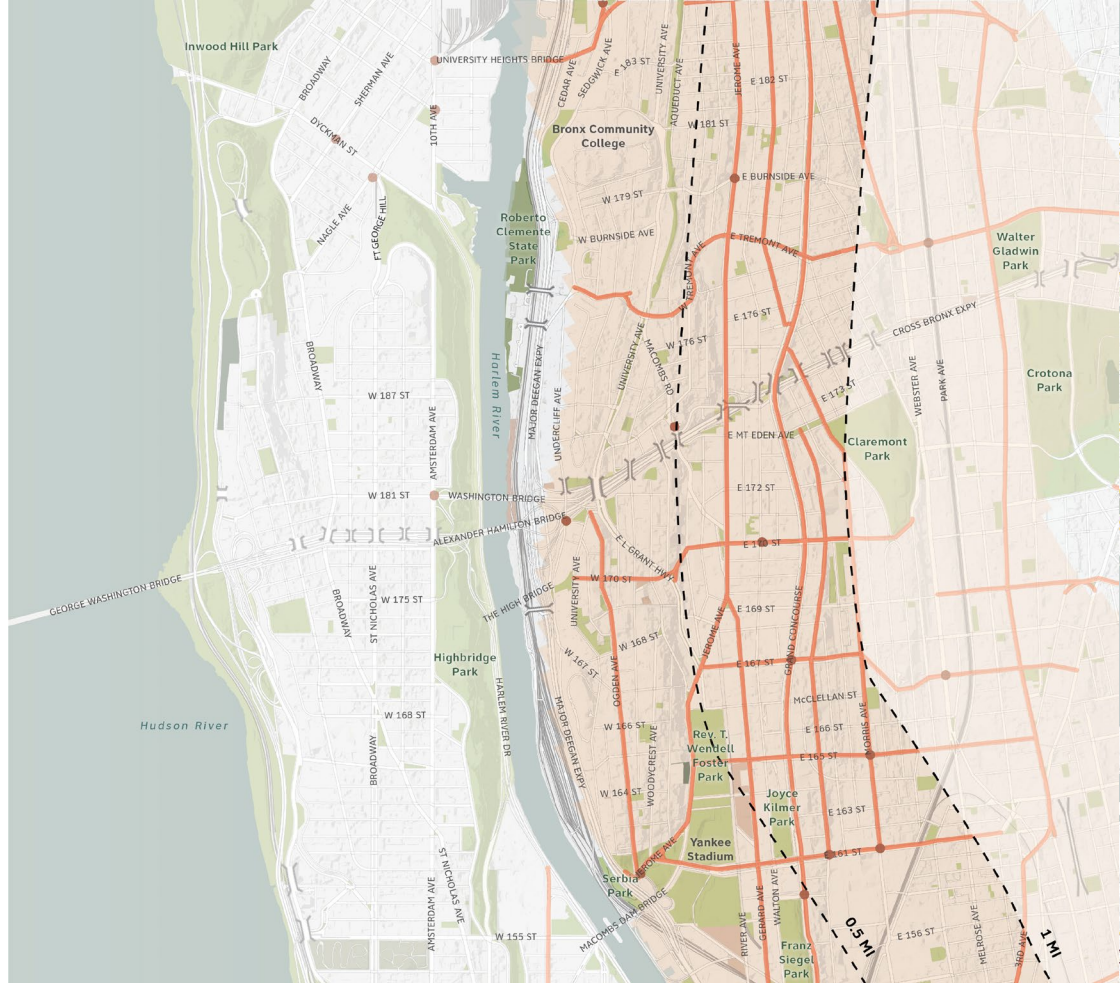


Vision Zero

- Intersections
- Corridors
- Priority Zones



Data Sources
 NYC DCR MapPLUTO, Owner Type (2022) <https://www.nyc.gov/site/planning/data-maps/open-data/dmn-pluto-mappluto.page>



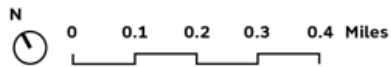
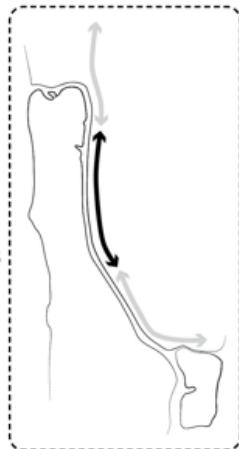
Uncomfortable and
confusing pedestrian
crossings make walking
less appealing



Ongoing Projects

Selected Planned and Ongoing Projects

-  Mobility and Safety Streetscape Improvements
-  Parks and Open Space
-  Housing and Commercial Development
-  Bicycle Crossings (NYC DOT 2018)



Data Sources
 NYC DOT, MapPLUTO, Owner Type (2022) <https://www.nyc.gov/site/planning/data-maps/open-data/dwn-pluto-mapspluto.page>




Barriers to Access



Highways and rail lines
divide the area and
fragment the biking and
walking network





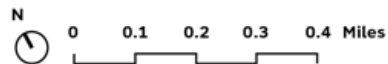
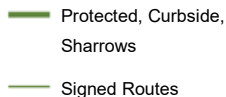
Steep inclines and declines pose challenges for connectivity

Topography & Slope

Topography and Geomorphology (NAVD88)



Existing Bike Routes

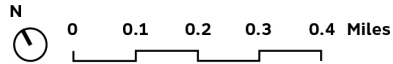
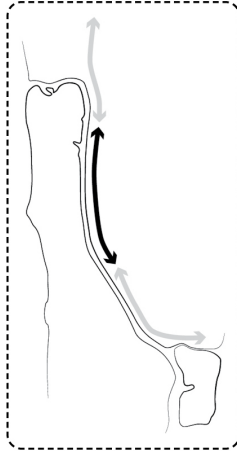
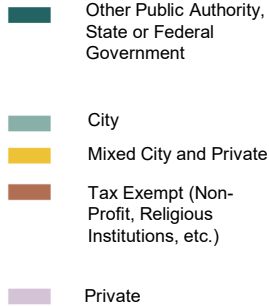


Data Sources
 NYC Open Data, Topobathymetric LiDAR Data (2017) <https://data.cityofnewyork.us/City-Government/Topobathymetric-LiDAR-Data-2017-77sc8-j0tz/data>



Ownership

Ownership



Data Sources
 NYC DCP, MapPLUTO, Owner Type (2022) <https://www.nyc.gov/site/planning/data-maps/open-data/dwn-pluto-mappluto.page>

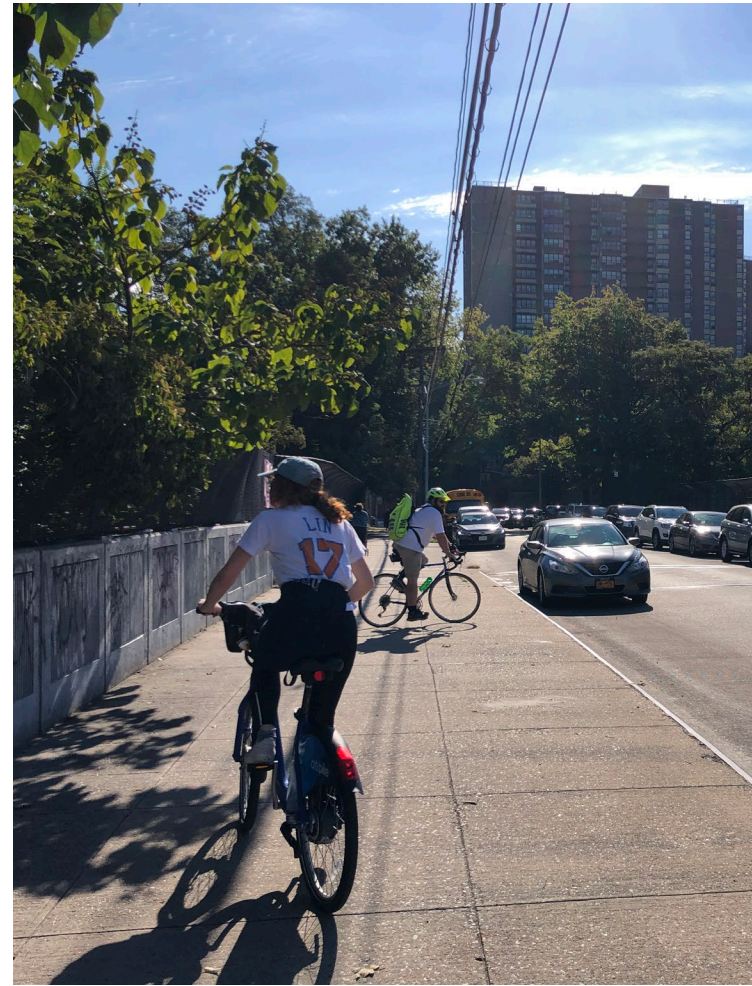


Tell Us What You Think!

3

What we'd like to hear from you

- Learn about your **transportation needs and challenges**
- **Identify key corridors and intersections** that could benefit from safety improvements for people biking and walking
- **Identify high priority gaps** in accessibility in the study area



Breakout Room Activity

- When prompted, enter your assigned breakout room
- **If you would like to continue with Spanish interpretation, please decline the breakout room invitation and stay in the main room**
- Closed Captioning will be available throughout the activity
- We will come back to the main room at the end and report back before closing

GROUP 1



Priorities

What are your top priorities for this project? Please list them in order of priority.

1.

2.

3.

Destinations

What are your top destinations for this project? Please list them in order of priority.

1.

2.

3.

Safety & Other Concerns

What are your top safety and other concerns for this project? Please list them in order of priority.

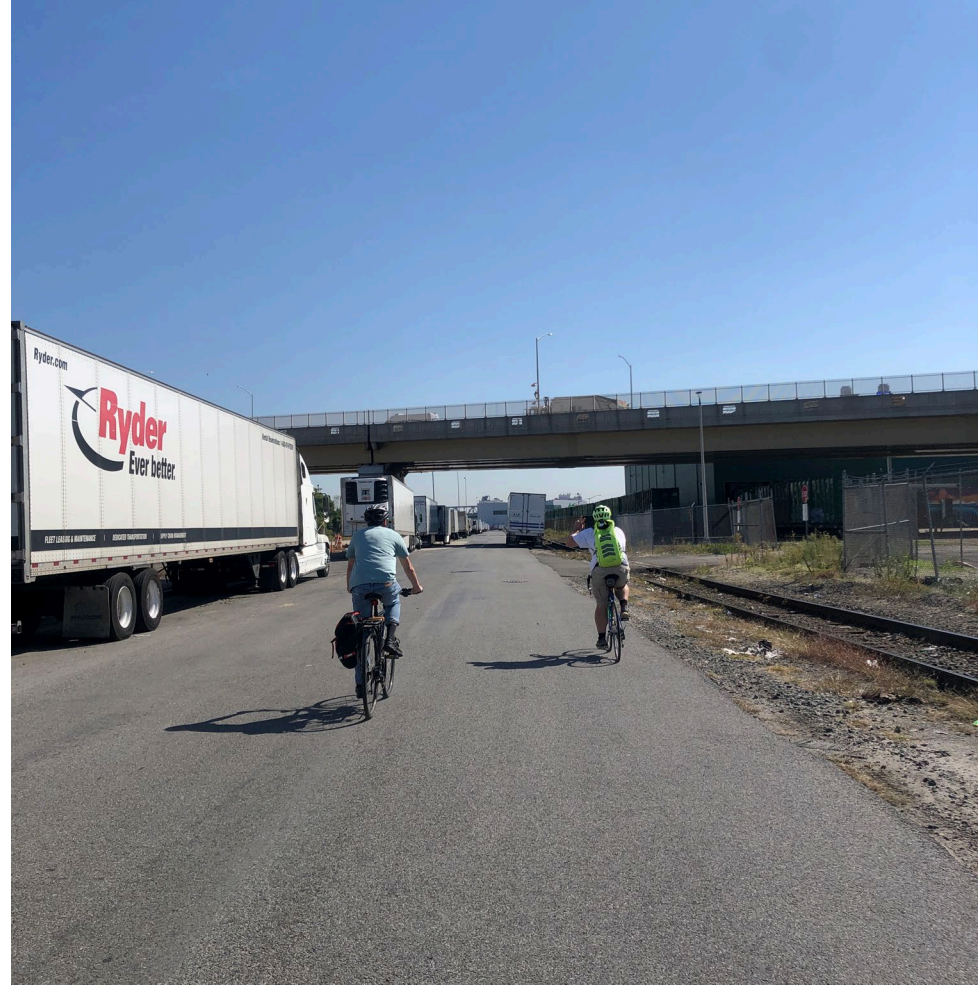
1.

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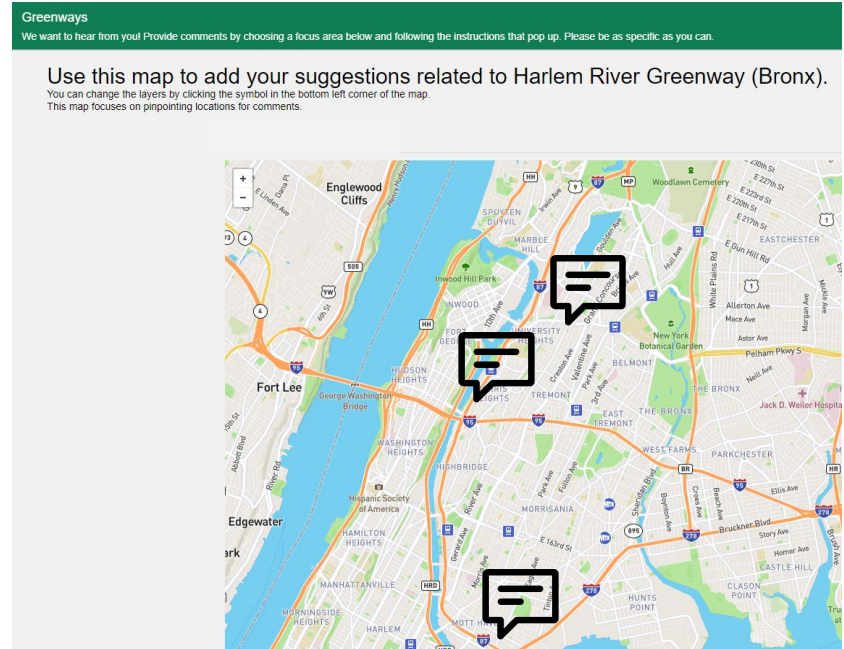
Report Back

What were the main takeaways from each breakout room?



How to Provide Additional Feedback

- You can provide additional comments at the feedback portal
- To learn more, visit the project website here:
<https://nycdotprojects.info/harlem-river-greenway-bronx>



NY-NJ Harbor & Estuary Program Grant Opportunity

- Request for Proposals: public programs in support of the Harlem River and Harlem River Greenway
 - For example: learn to ride events, community plantings, canoe paddling, public art installations, neighborhood walks and bike rides
- Grant awards: ~\$5,000-\$15,000
- Letter of inquiry due May 15th
- More info available:
www.hudsonriver.org/article/public-access-grants



NY/NJ
HARBOR
& ESTUARY
PROGRAM

Next Steps

- Community Workshop series:
 1. Tuesday, April 18th 6-8pm ✓
 2. Wednesday, April 19th 6-8pm ✓
 3. Wednesday, April 26th 6-8pm
- *Summer 2023:*
 - Identify potential routes and project ideas based on community input
- *2024:*
 - Publish Implementation Plan



Thank you!



NYCDOT



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