

DUMBO & Vinegar Hill Mobility Study

Public Meeting

June 11 2024



Project Team Introduction

City Team

- Council Member Lincoln Restler's Office
- NYC DOT: Kol Gjelij, Emily Riquelme

Consultant Team

- Arcadis
- Sam Schwartz
- Starr Whitehouse

Today's Discussion

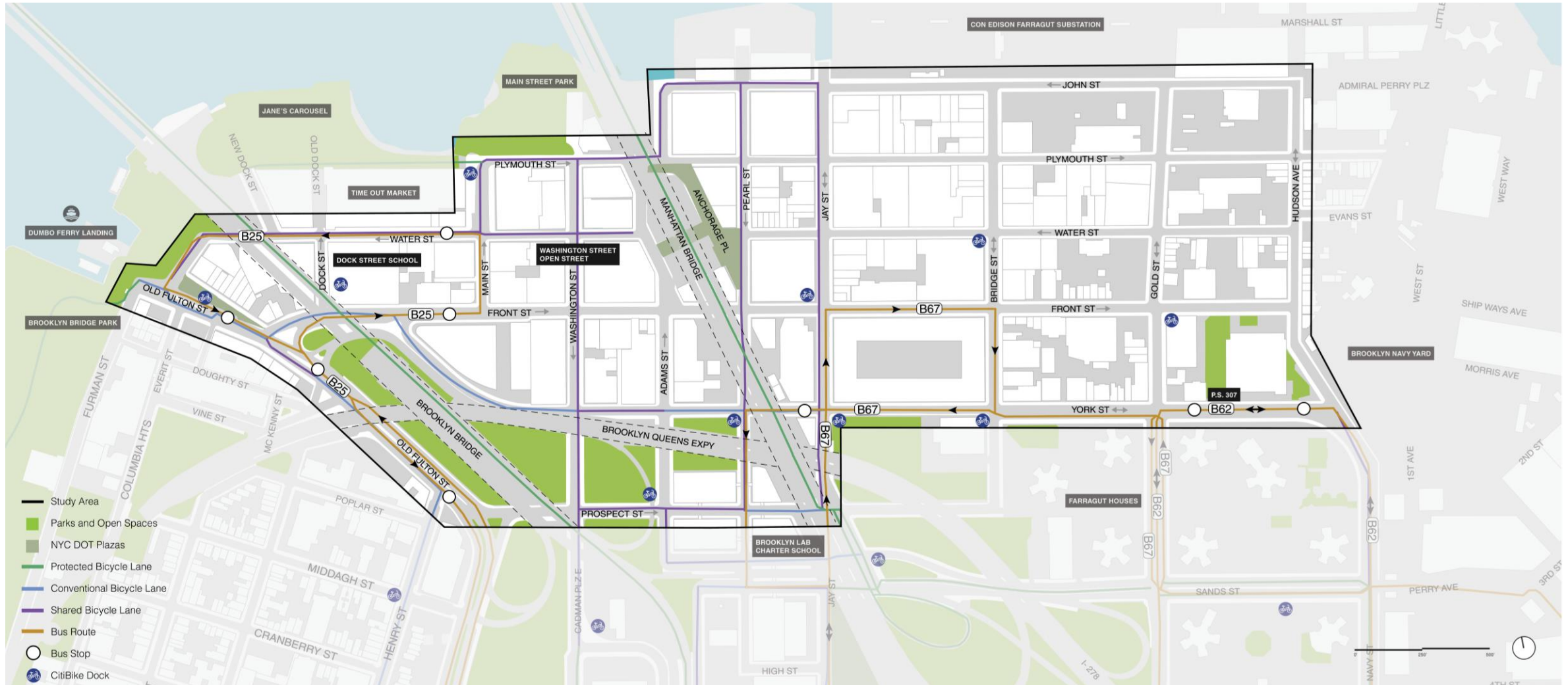
Presentation

- Recent and current construction
- Street uses and activities
- Data collection findings

Table Discussions

Next Steps

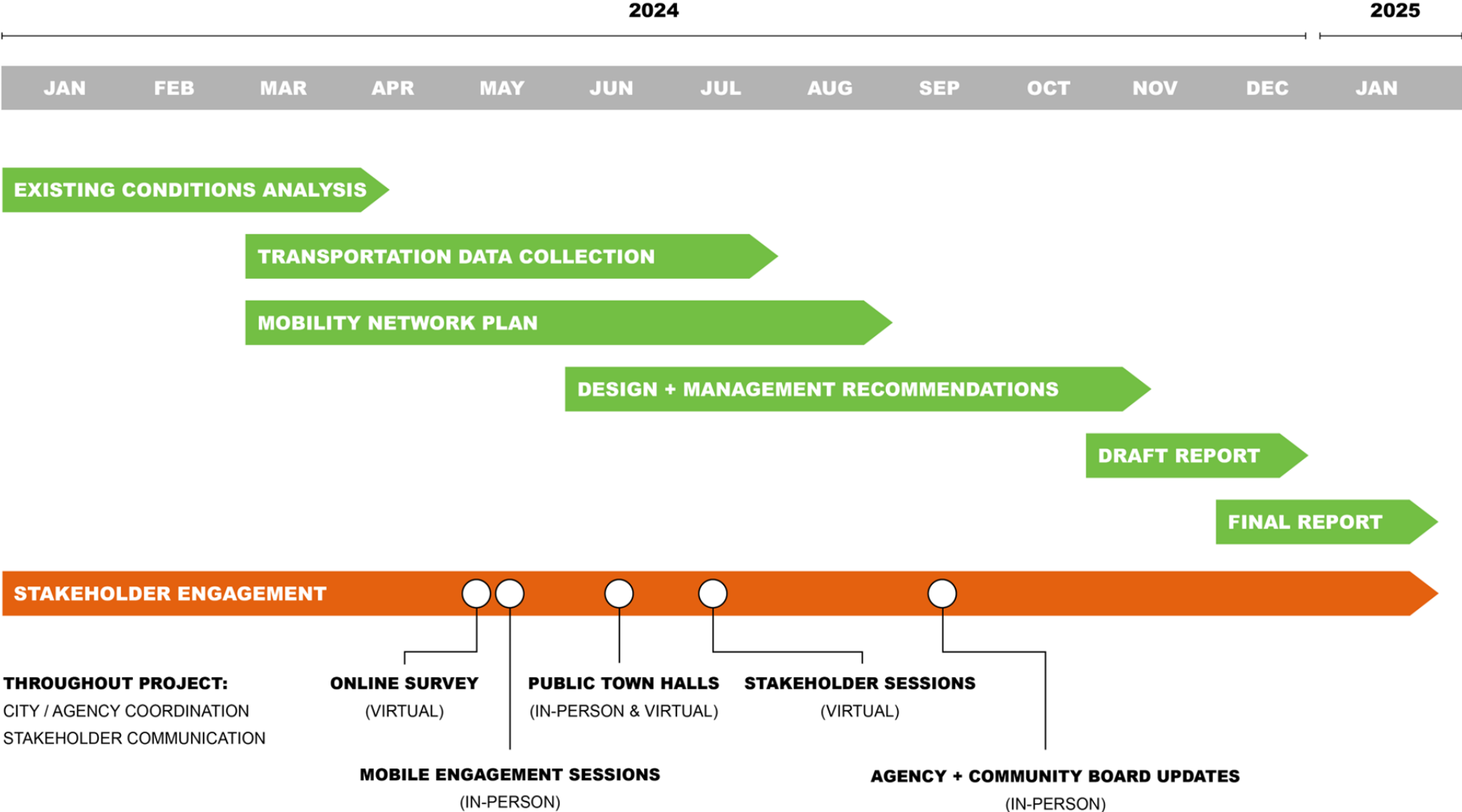
Study Area



Study Vision

A comprehensive approach for the public realm that balances the cultural and historic importance of DUMBO and Vinegar Hill with the needs of residents and businesses by prioritizing efficient circulation patterns, safety, and smart management policies.

Study Schedule



Recent and Current Construction

Department of Design and Construction (DDC) Projects

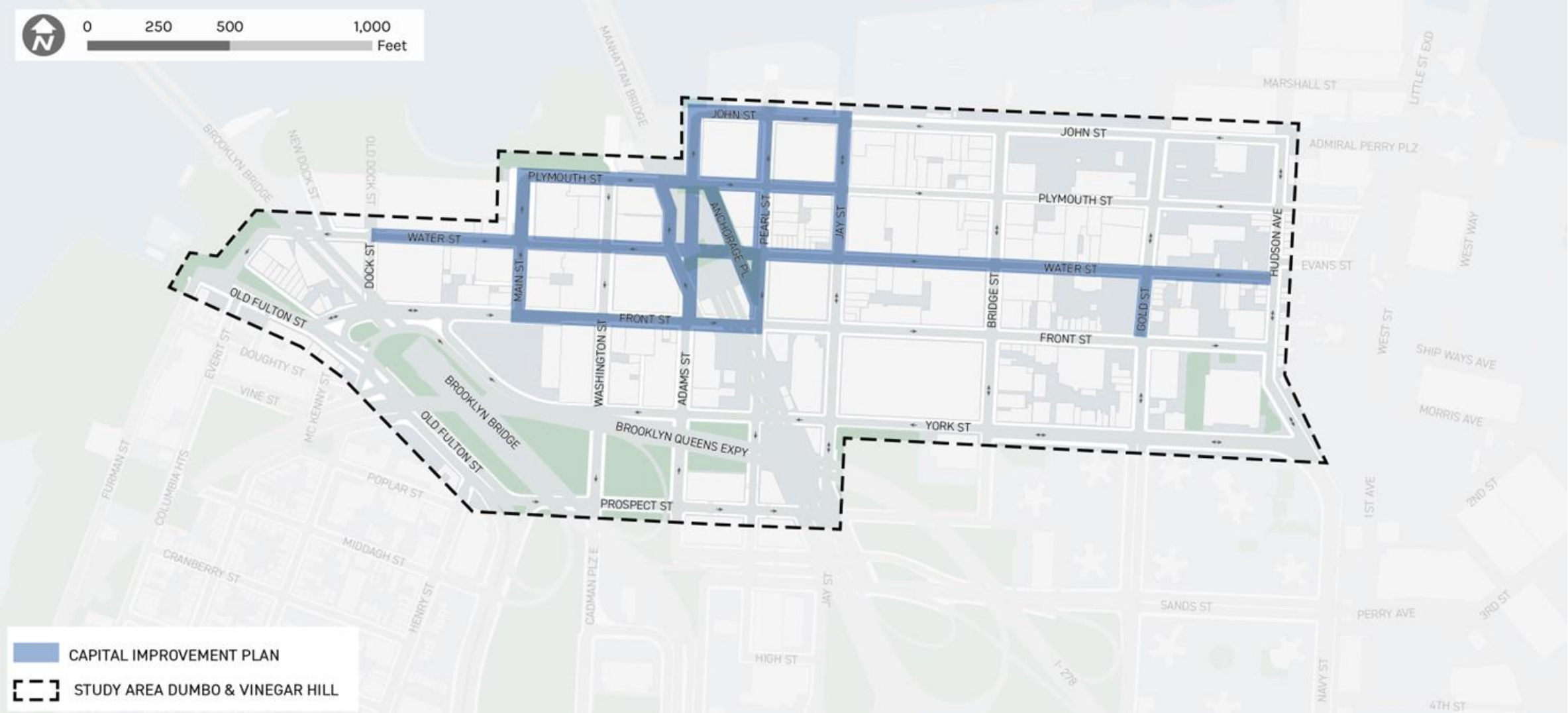
Capital Improvement Project

- \$93 million rehabilitation of DUMBO's streets and sidewalks
- DUMBO / Vinegar Hill sewer reconstruction

DUMBO / Vinegar Hill Street & Plaza Reconstruction

- \$20 million capital project in collaboration with DOT to reconstruct cobble roadways and surface utilities on multiple blocks of DUMBO and Vinegar Hill
- Build out of Pearl Plaza with permanent materials

Capital Improvement Plan



Recent Developments & Current Construction

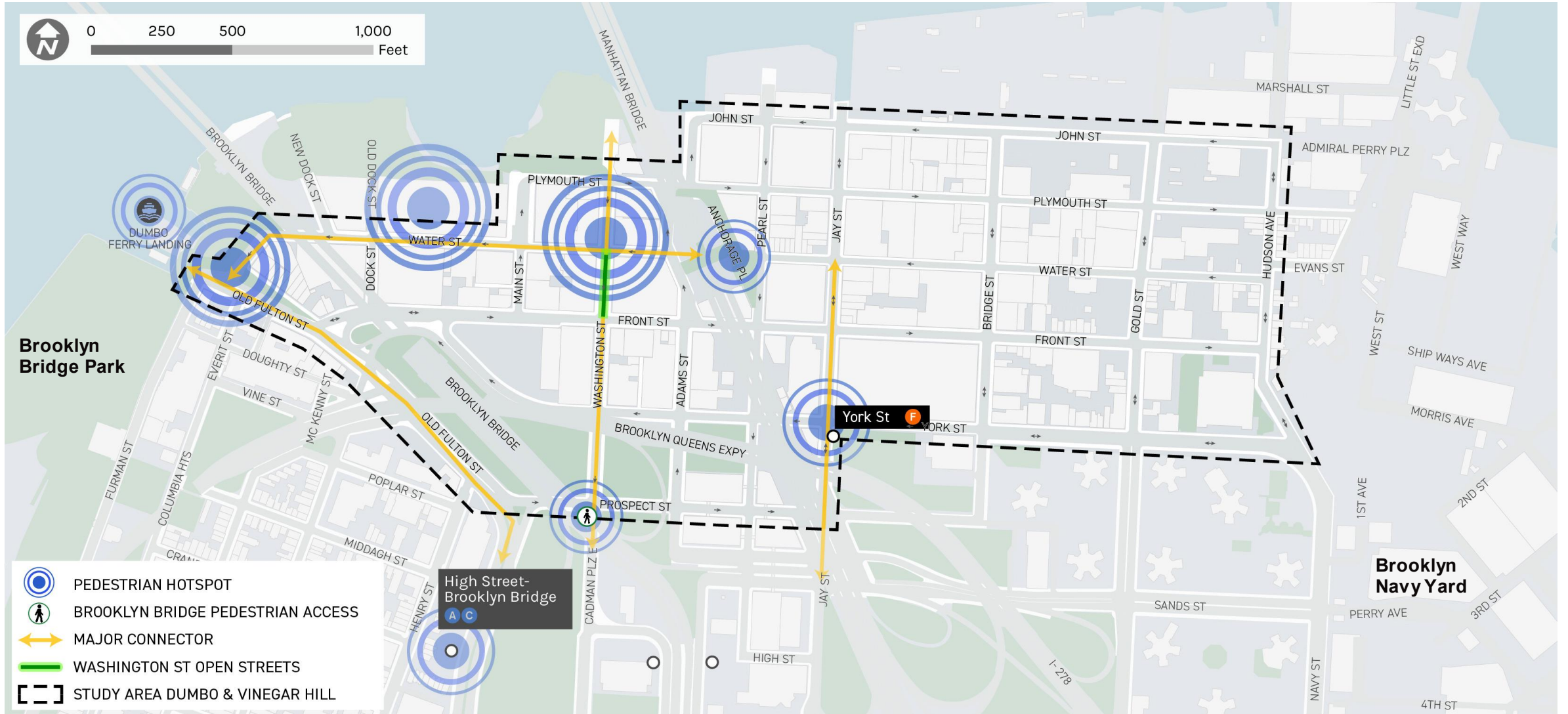
Private Development			
No.	Location	Estimated Completion	Units
1	29 Jay Street	May 2024	0
2	304 Water Street	August 2024	6
3	69 Adams Street	June 2024	225
4	218 Front Street	May 2024	218
5	53 Bridge Street	December 2024	3
6	30 Front Street	December 2024	0
7	60 Front Street	December 2024	76
Con Edison			
No.	Project	Estimated Completion	
8	Brooklyn Clean Energy Hub	2029	
Brooklyn Waterfront Greenway			
No.	Project		
9	Planned connection from Brooklyn Bridge Park to Flushing Avenue		



Source: NYC DOB Active Major Construction

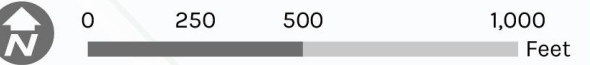
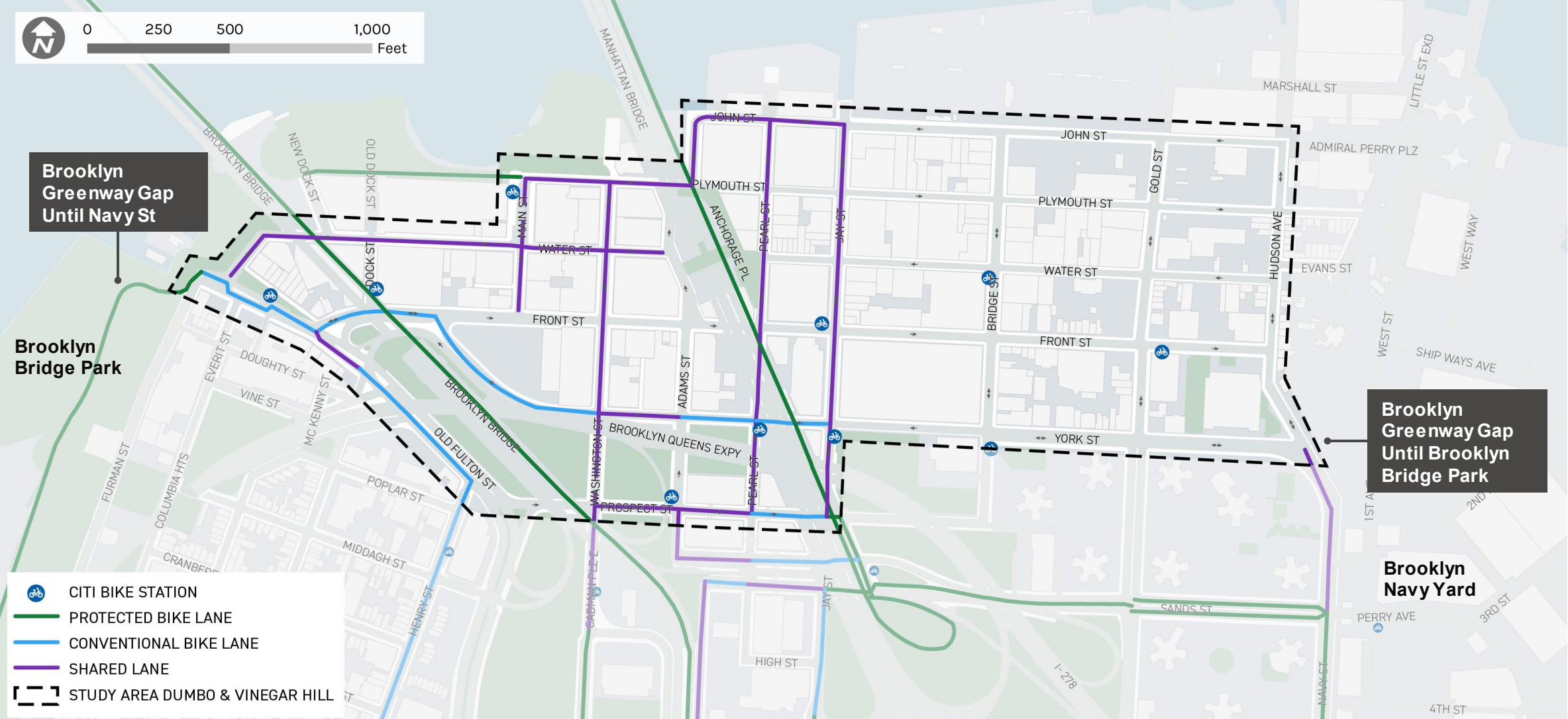
Street Uses and Activities

Activity Nodes



Note: Pedestrian hotspots derived from field observations and public input.

Bike Network








Brooklyn Greenway Gap Until Navy St

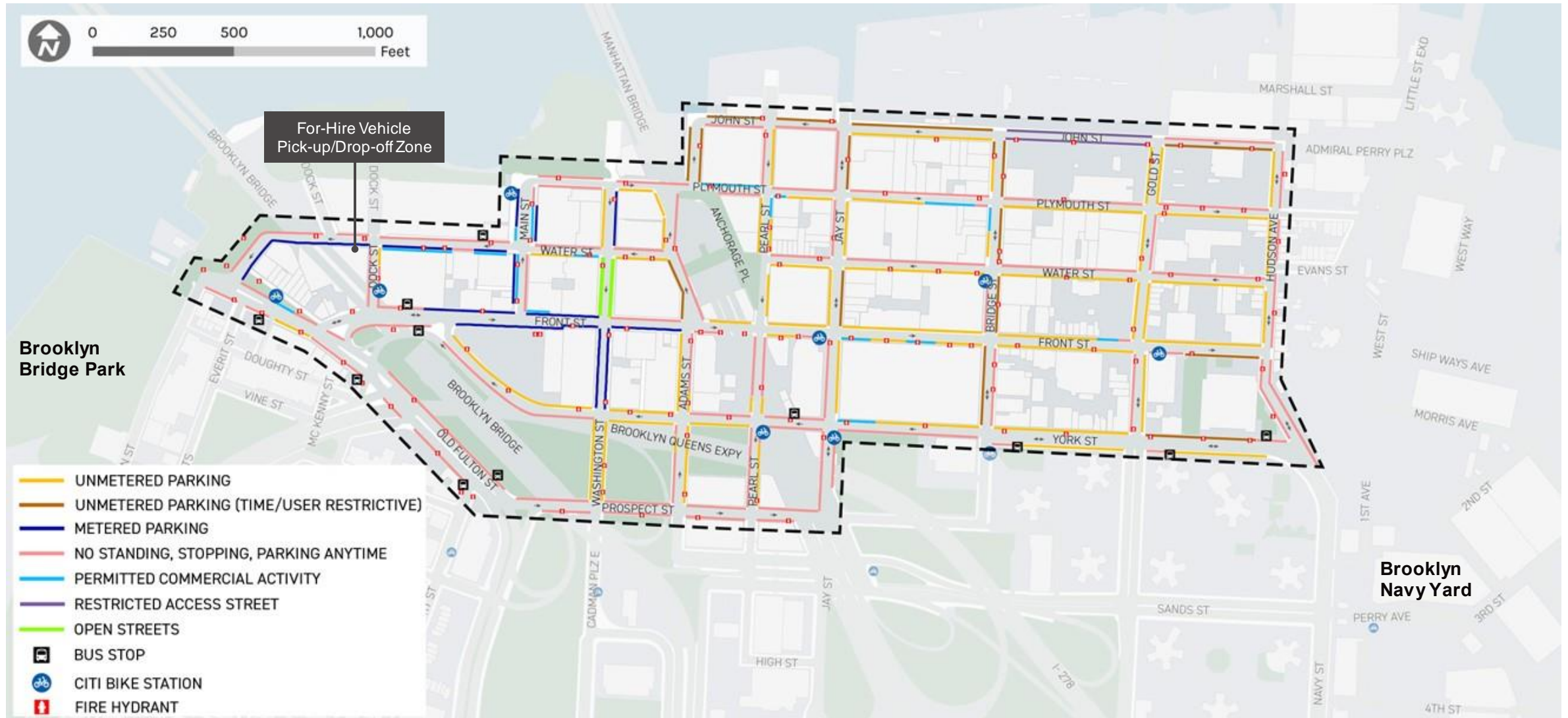
Brooklyn Bridge Park

Brooklyn Greenway Gap Until Brooklyn Bridge Park

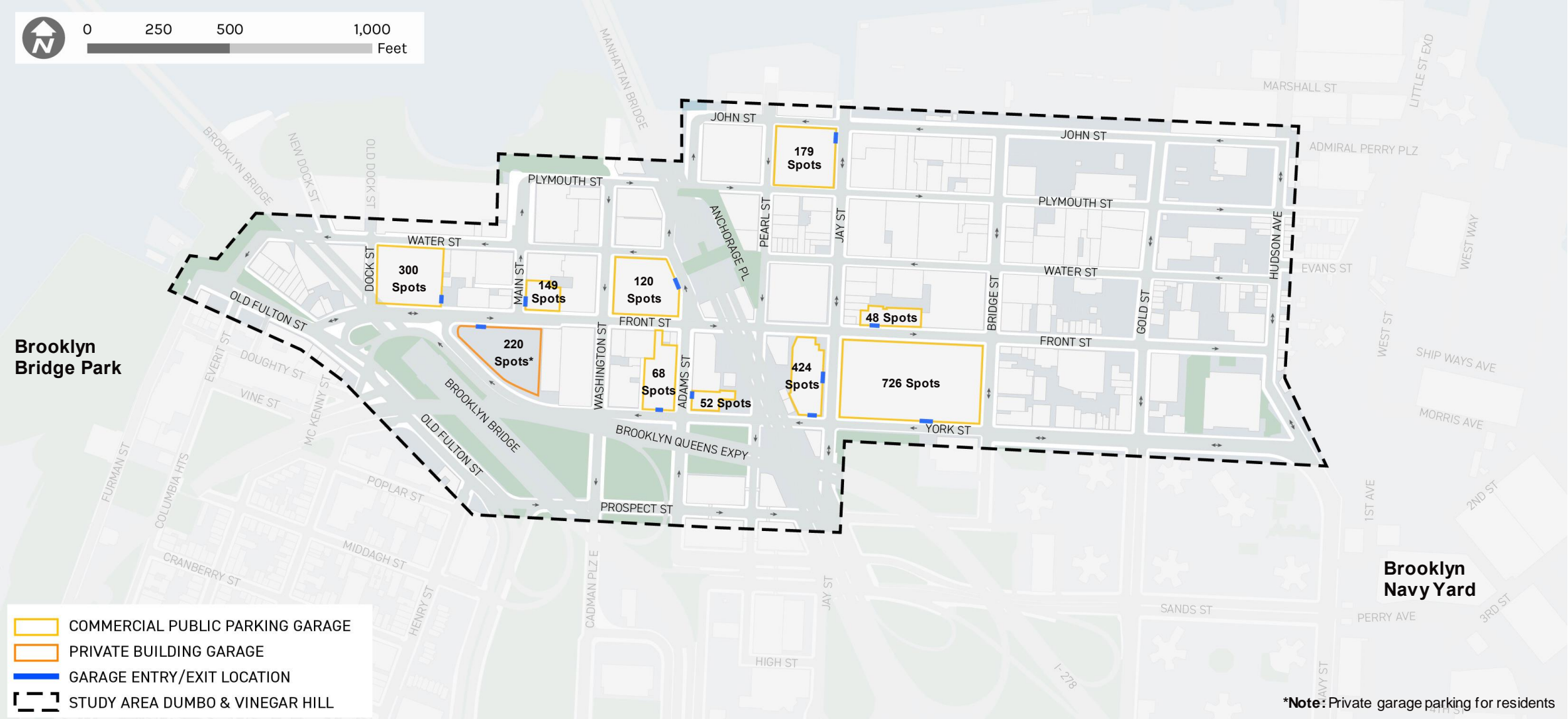
Brooklyn Navy Yard

-  CITI BIKE STATION
-  PROTECTED BIKE LANE
-  CONVENTIONAL BIKE LANE
-  SHARED LANE
-  STUDY AREA DUMBO & VINEGAR HILL

Curb Regulation



Parking Garages



Data Collection Findings

Data Collection Methodology



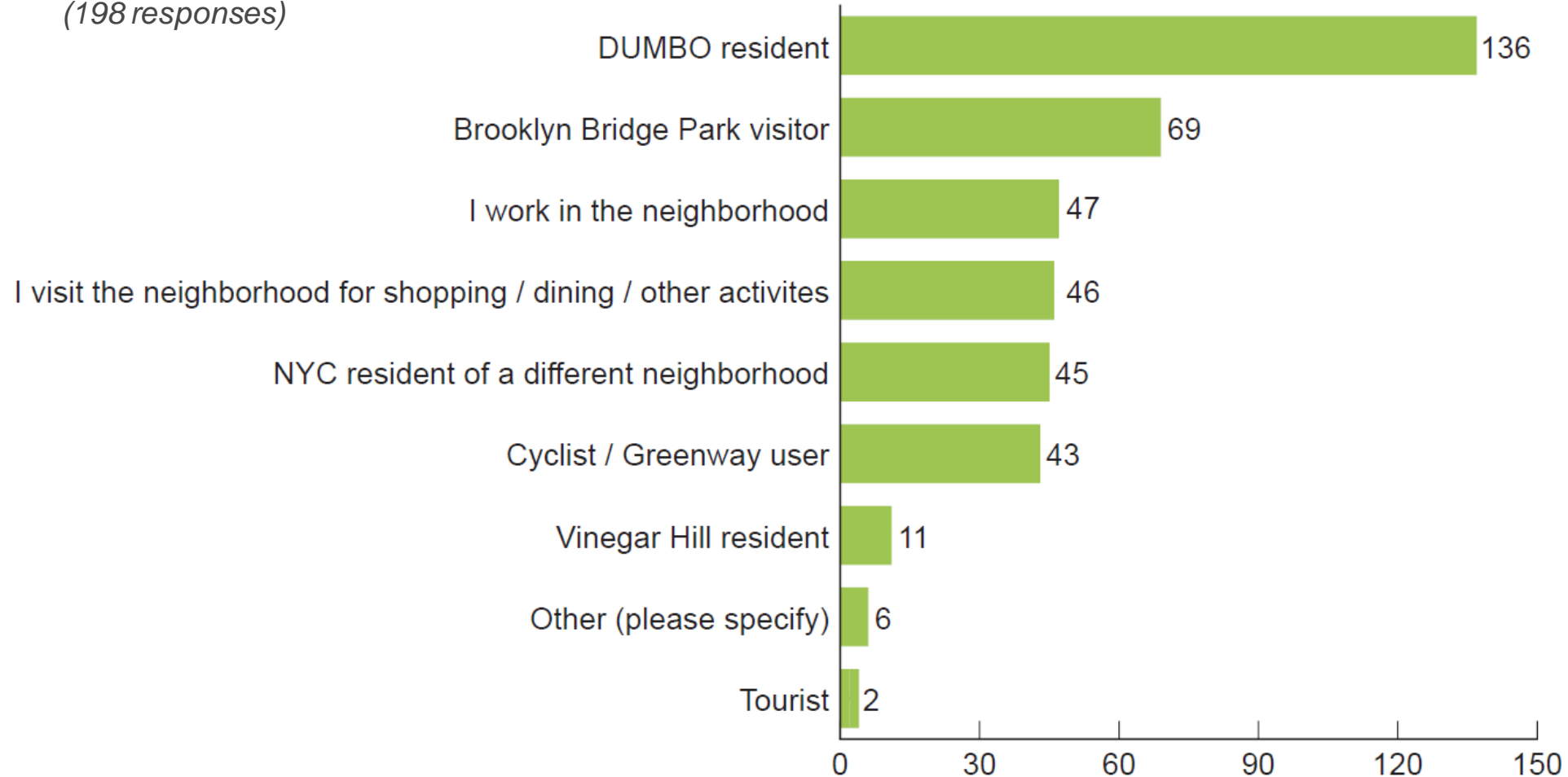
Traffic Counts

- Counts were gathered using continuous automatic traffic recorders over a nine-day period during May 2024 and were comparable to similar counts taken during May-June 2023.
- Daily vehicle volumes were slightly higher on Saturday compared to mid-weekday, the reverse of most NYC streets. Daily pedestrian volumes were substantially higher (almost double) on Saturday compared to mid-weekday.
- The highest traffic volume streets overlap with BQE access and thru-streets.
 - Hicks Street, Old Fulton Street, BQE On/Off-Ramps*
- The lowest traffic volume streets are typically narrow, closer to the waterfront, and have high pedestrian usage.
 - Plymouth Street, Water Street, Front Street, Washington Street, Gold Street*

Survey Results – Respondents

Select all that applies to you:

(198 responses)

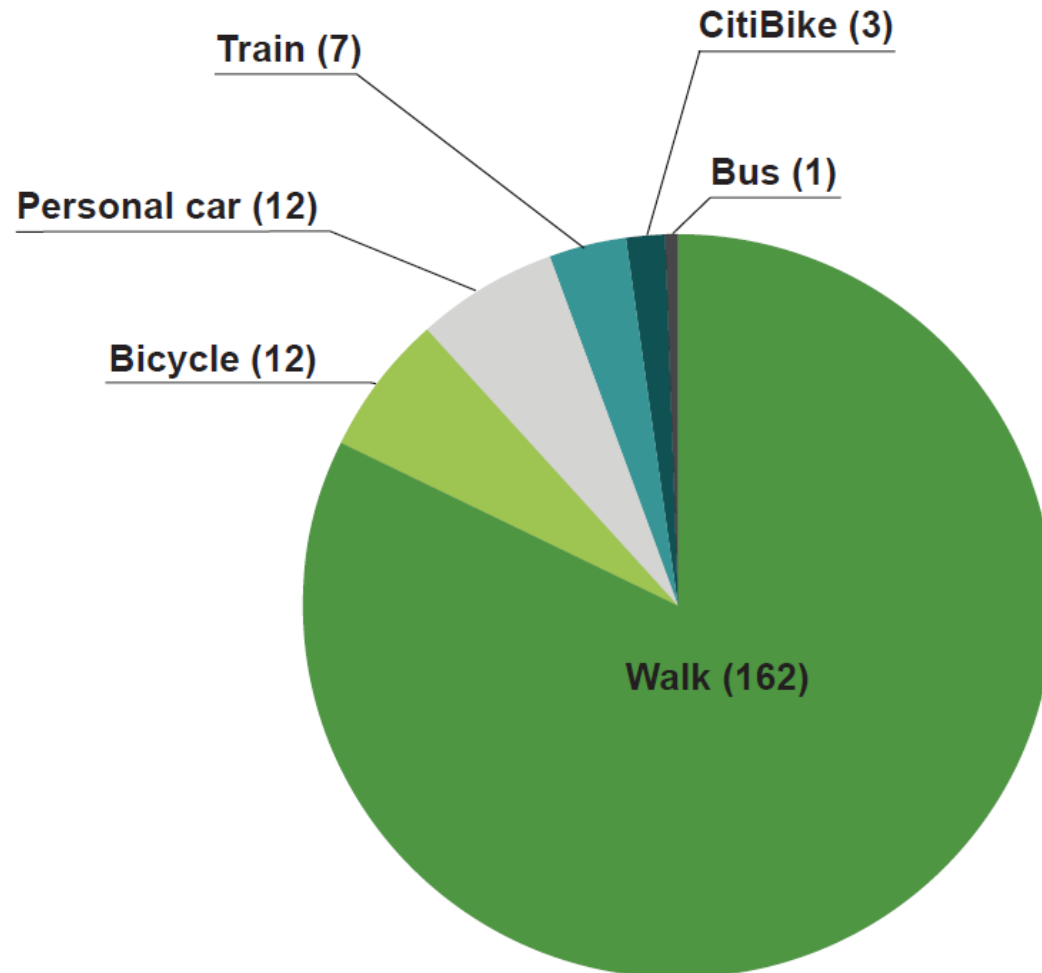


**Note: Numbers in chart represent survey respondents.*

Survey Results – Transportation

What is your primary method of transportation within DUMBO and Vinegar Hill?

(197 responses)

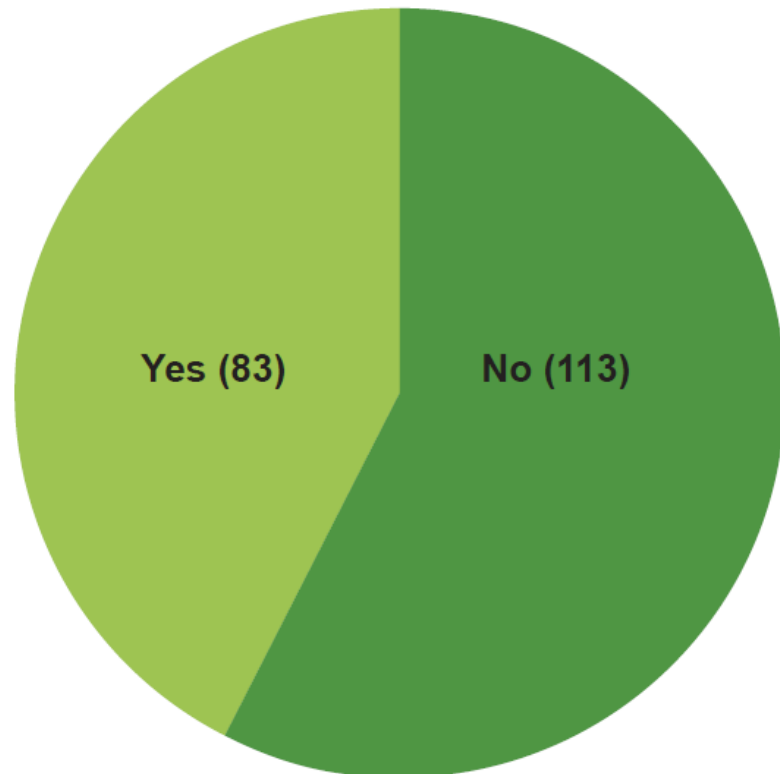


**Note: Numbers in chart represent survey respondents.*

Survey Results – Cars and Parking

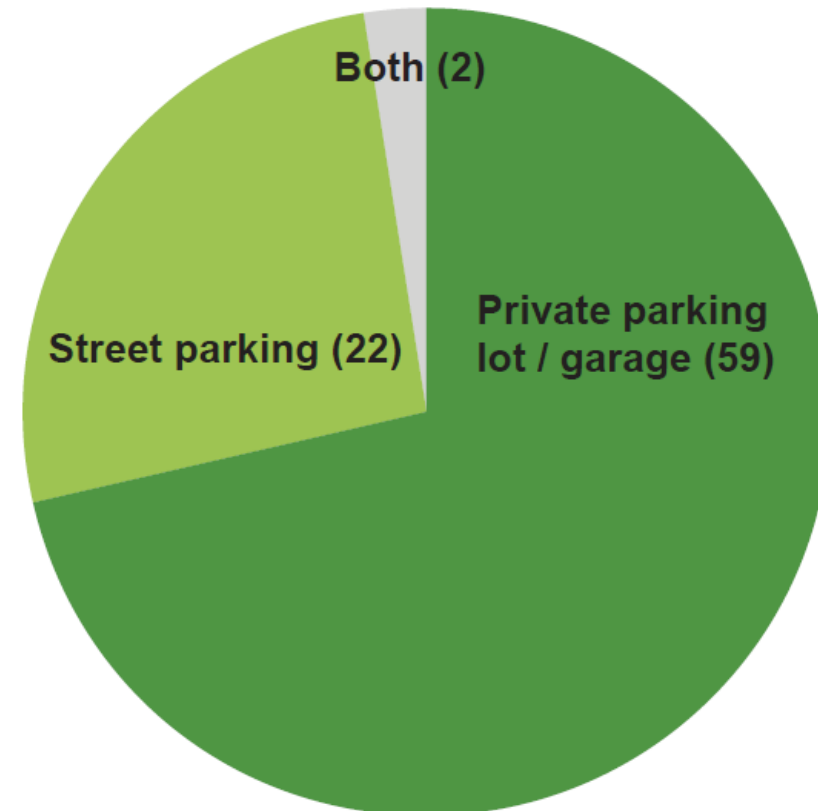
Do you own a car that you drive in / out of DUMBO / Vinegar Hill?

(196 responses)



If you own a car, where do you park your car?

(83 responses)

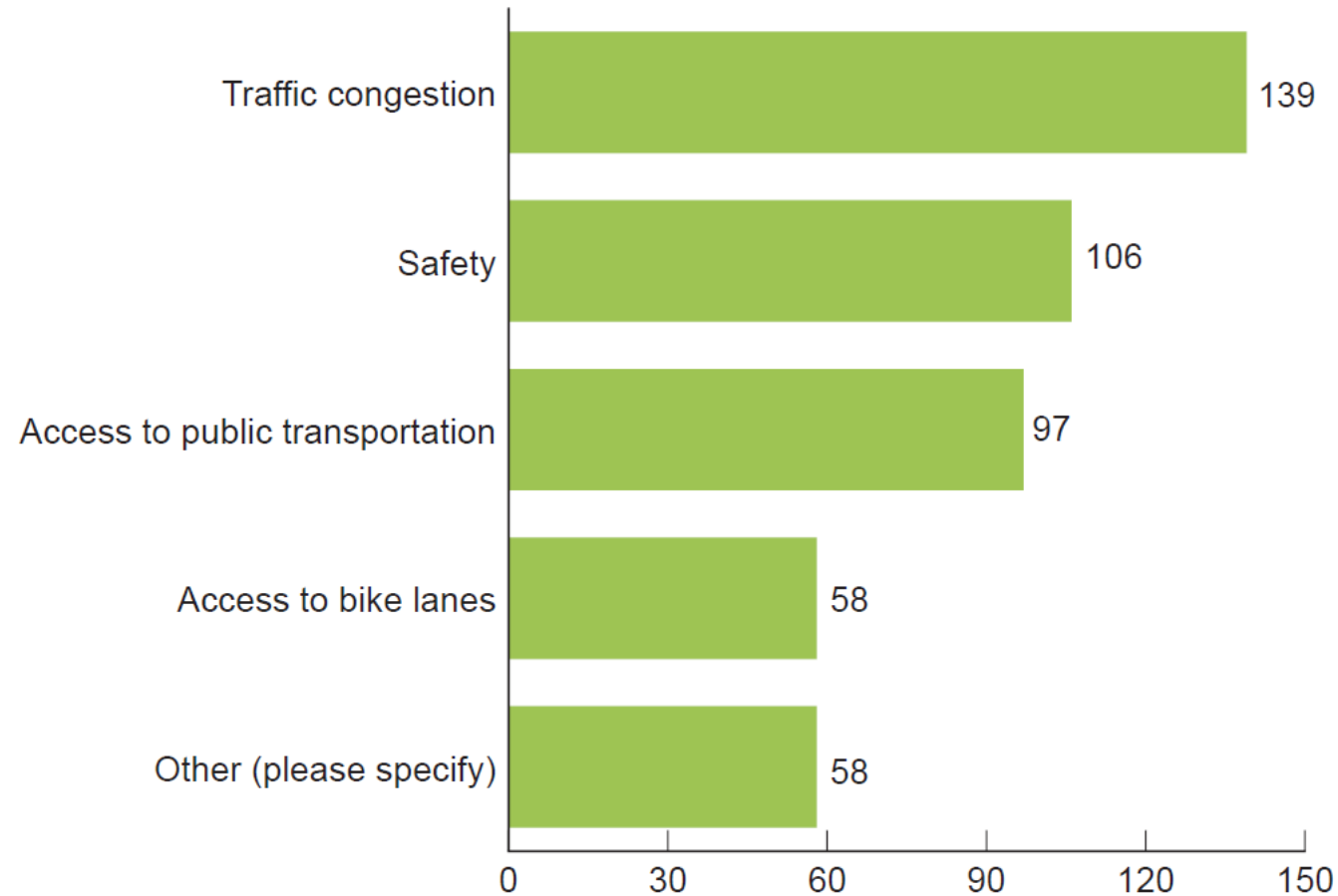


**Note: Numbers in chart represent survey respondents.*

Survey Results – Concerns

What concerns do you have related to mobility in DUMBO / Vinegar Hill?

(191 responses)



Other responses include: ADA compliance; cars parking on sidewalks, lack of traffic signals; only one exit at York Street station; street parking

***Note:** Numbers in chart represent survey respondents.

Survey Results – Concerns

Additional Concerns

"I find DUMBO to be a very safe space to move around as a pedestrian, though I'm not sure how accessible the streets are for someone with a mobility issue."

"We need more protected bike lanes and speeding cameras."

"Nearly impossible to find street parking for residents."

"Cars on Water Street impede the B25 bus."

"Emergency vehicles and buses cannot easily traverse the area."

"Would be helpful if Ubers could not pick up or drop off people right next to Time Out Market."

Table Discussions

Next Steps

Next Steps

- **Summer 2024:** Additional data collection and recommendation studies; stakeholder discussions, as needed
 - Digital survey will remain through July 2024. Please share with anyone who was not able to attend the meeting today! Visit bit.ly/3WxBH0c or scan the QR code.
- **Fall 2024:** Presentation of recommendations to Brooklyn Community Board 2
- **Contact:** For more information, contact NYCDOT Brooklyn Borough Commissioner's Office at eriquelme@dot.nyc.gov or 646-892-1350

