



Citi Bike Expansion & Infill

Manhattan Community Board 2

November 5, 2020



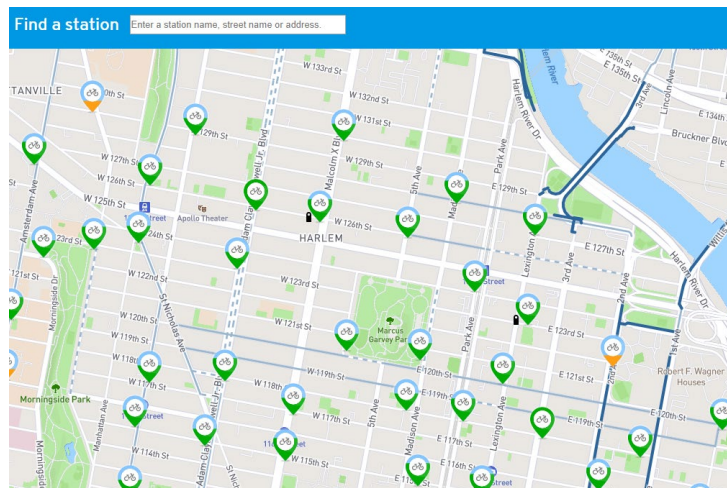
Citi Bike Overview

1

What is Citi Bike?

New York City's Bike Share System

- **Network of shared bicycles**
 - Intended for point-to-point transportation
- **Increased mobility & convenience**
 - Additional transportation option
 - System operates 24/7
 - No need to worry about bike storage or maintenance
- **Public-Private Partnership**
 - NYC DOT responsible for planning, outreach, oversight
 - Lyft responsible for day-to-day operations, equipment, and maintenance



Citi Bike to Date

7 years of Citi Bike

- **Launch – Phase 1**

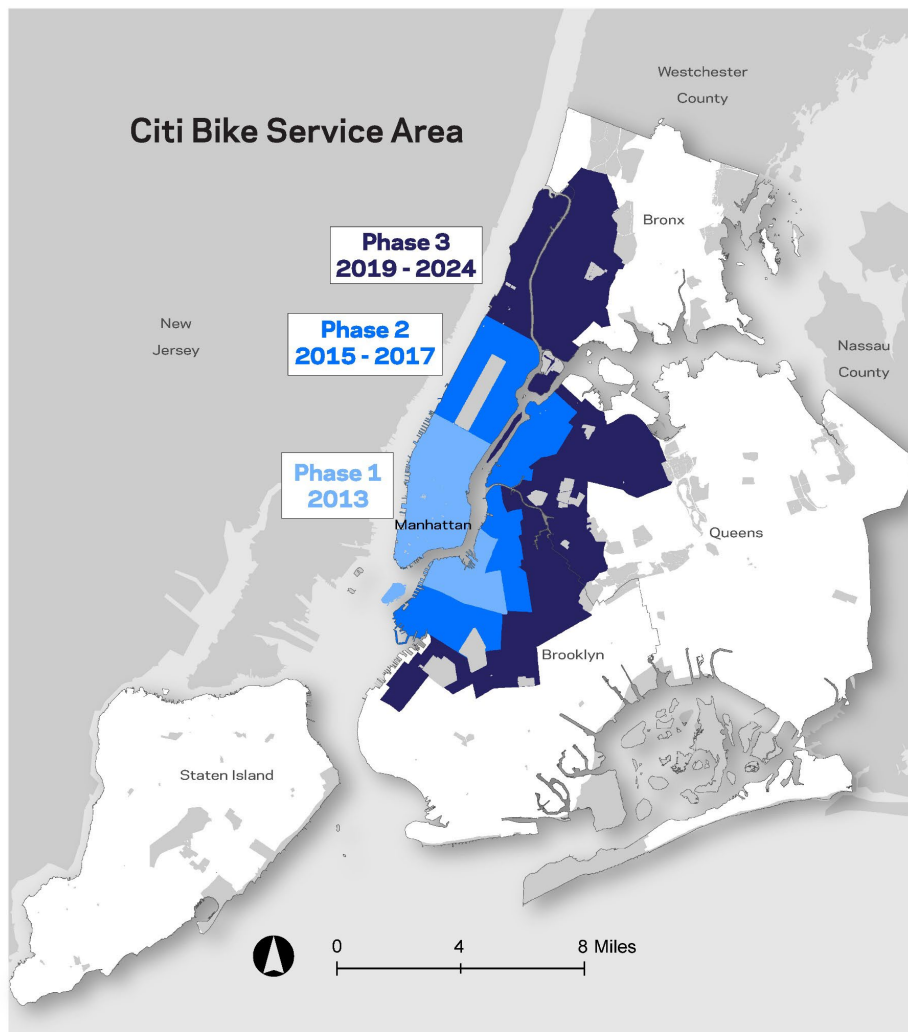
- 2013
- Manhattan & Brooklyn
- 330 Stations
- 6,000 Bikes

- **Phase 2**

- 2015 – 2017
- Manhattan, Brooklyn, Queens
- 750 Stations
- 12,000 Bikes

- **Phase 3**

- 2019 – 2024
- Manhattan, Brooklyn, Queens, Bronx
- + 35 square miles
- + 16,000 bikes



High Ridership

By the numbers

107+ million trips to date

5.5+ trips per day per bike

~70,000 daily trips in peak riding months

90,000+ daily rides during busiest days

170,000+ annual members

+17% Growth
in daily **Citi Bike**
use from 2018 to 2019

Year-Round average trips
per day on **Citi Bike**
2017: 44,824
2018: 48,315
2019: 56,497



20.6 million **Citi Bike** trips in 2019



COVID-19 and Citi Bike

NYC DOT & Lyft Response

- **Ensuring rider and employee safety**
 - Cleaning high-contact areas on bikes when returned to depot
 - Disinfecting bikes when docked at high-use stations near hospitals
 - Using social distancing practicing in the field and while handling bikes
- **Critical Workforce Membership Program**
 - Provides free memberships for essential workers



Phase 3 Expansion & Infill

2

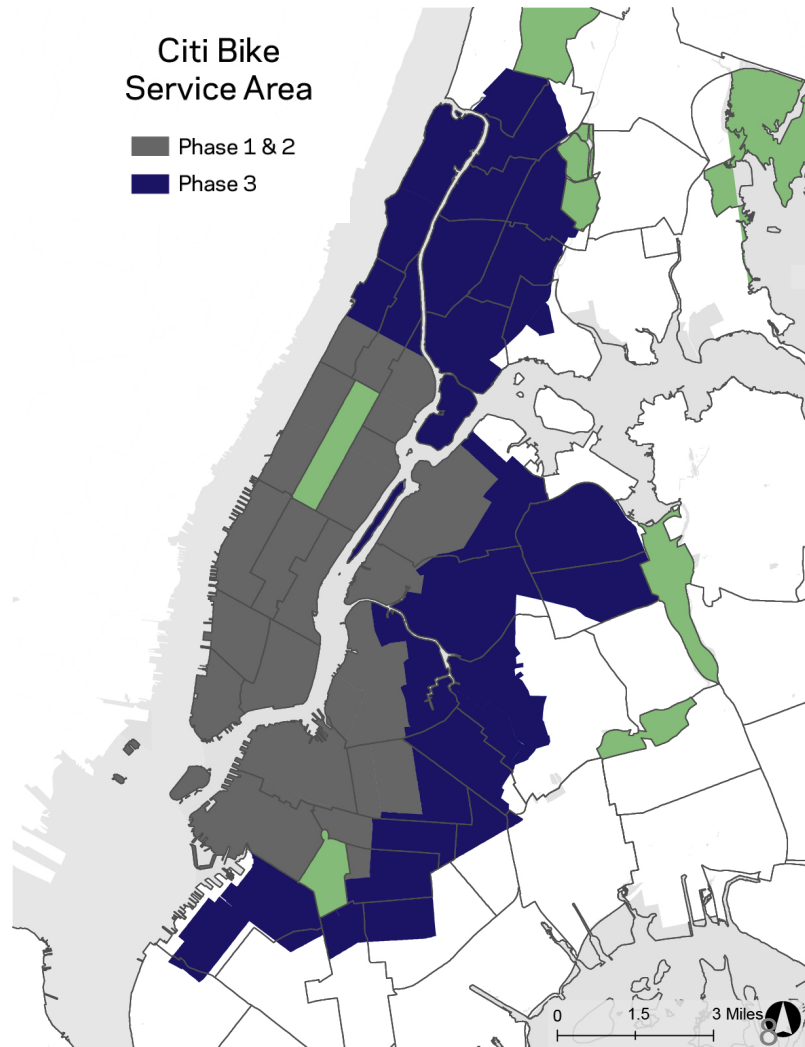
Phase 3 Expansion & Infill

Phase 3 Expansion brings Citi Bike to new parts of NYC and will double geographic size of system

- **32,000 docks**
- 16,000 bicycles
- In ~35 square miles

Phase 3 Infill adds new capacity to the existing (Phase 1 & 2) service area

- **16,000 docks**
- 8,000 bicycles
- In ~33 square miles already containing:
 - **29,000 docks**
 - 13,250 bicycles



Why is Infill part of Phase 3?

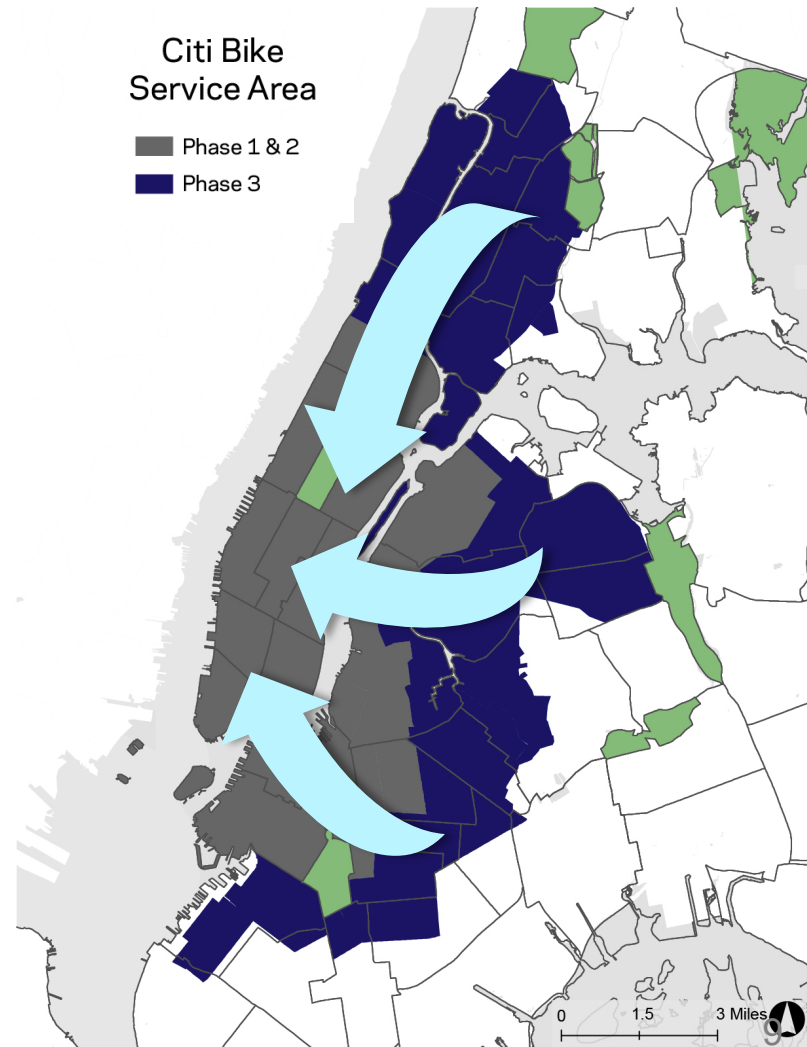
A larger Citi Bike system will have many more bicycles in its core

Citi Bike rider “gravity” pulls bicycles to the center

- Similar to other transit modes, riders move towards the Central Business Districts
- Demand for bikes shifts throughout the day

Infill helps a larger system to function

- Supports increased demand from Phase 3 Expansion
- Helps meet existing unmet demand when riders cannot find a bike or dock
- Improves rebalancing and overall system operations



Timeline & Principles

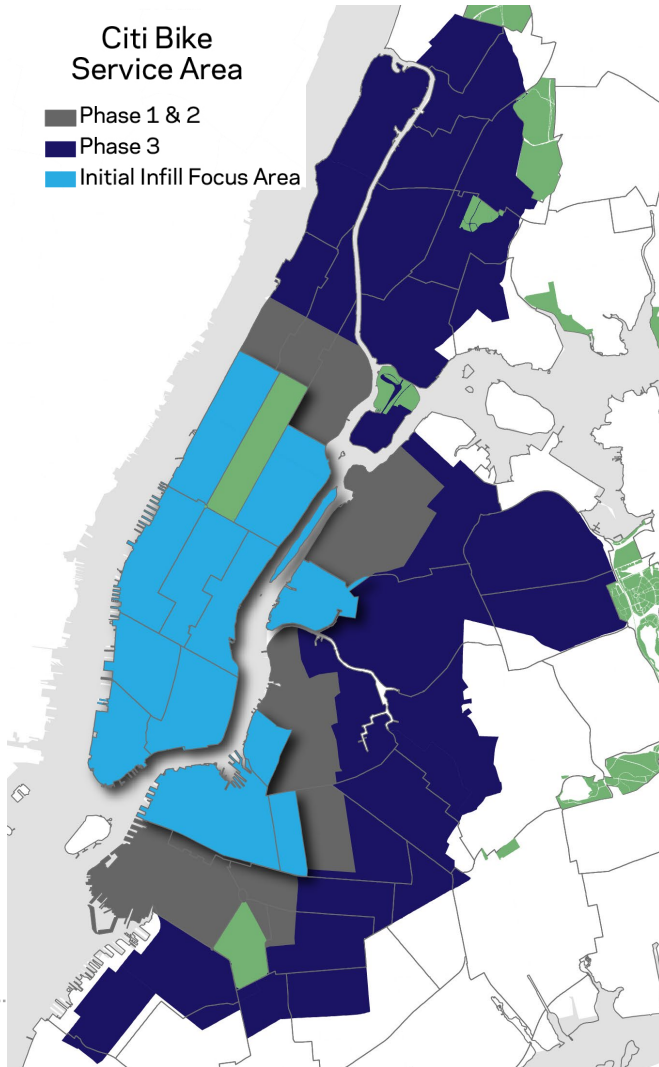
Infill dock distribution to be based on rider demand for more capacity

Four-year, ongoing rollout of new and expanded stations

Areas of highest demand will receive the most docks

Rolling installations

- Installations may cover multiple Community Boards at a time
- Iterative planning process will address changes in demand as system expands



Design Toolbox

Diverse options for increasing capacity

1. New Stations
2. Expanded Existing Stations
3. Creative Design Solutions
 - 3-D Bridging



Planning Process

Rolling outreach and installations

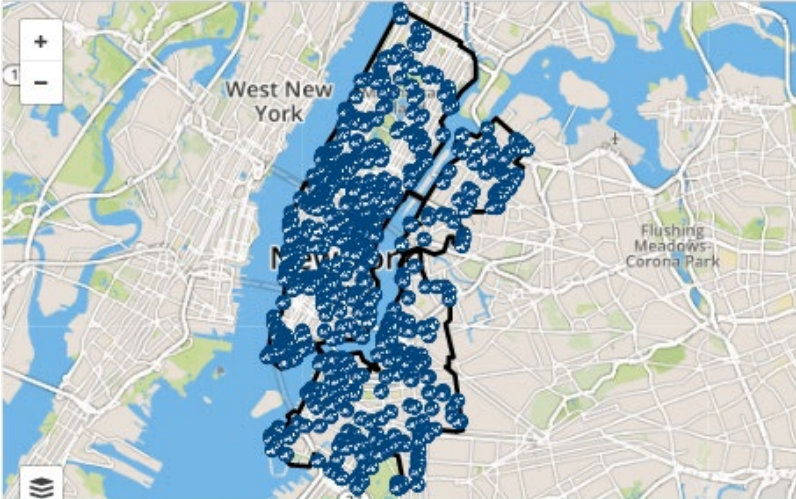
- **Community feedback:** online feedback portal, requests from riders and stakeholders
- **Station siting:** using ridership data and technical criteria to identify feasible locations
- **Community notification:** notify property owners, Community Board, and key stakeholders prior to installation
- **Installations**
- **Ongoing monitoring**

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Comments (684)

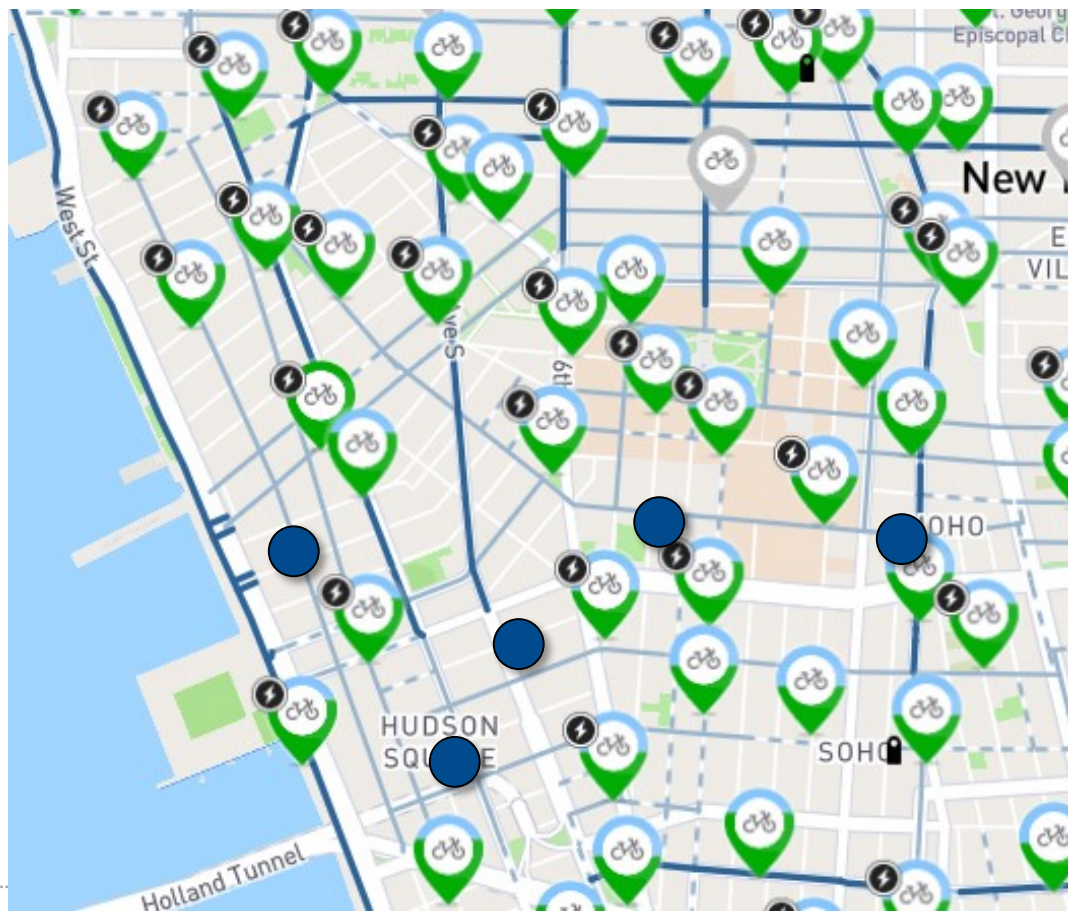
New Stations in Community Board 2

3

New Stations Overview

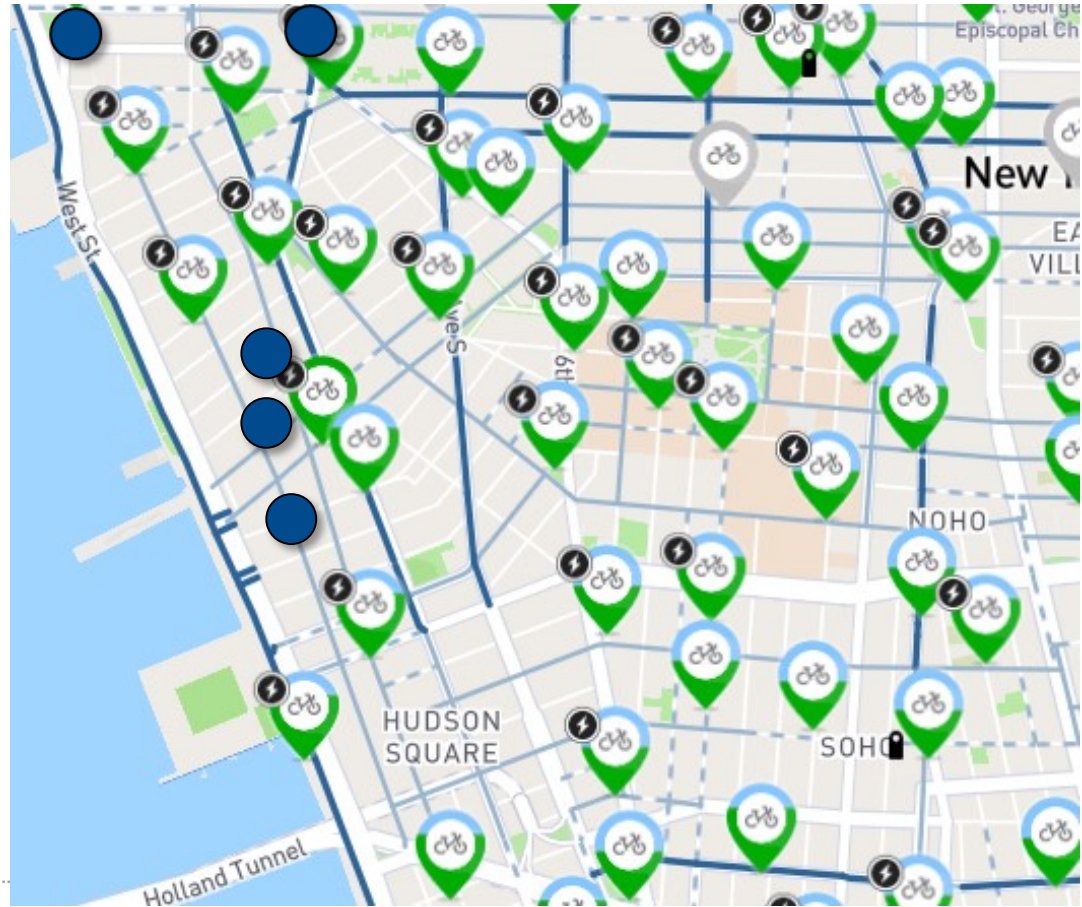
10 New Stations:

- Bleecker St & Lafayette St
 - North roadbed
- King St & Varick St
 - North roadbed
- Spring St & Hudson St
 - South roadbed
- Thompson St & Bleecker St
 - East roadbed
- Morton St & Washington St
 - North roadbed

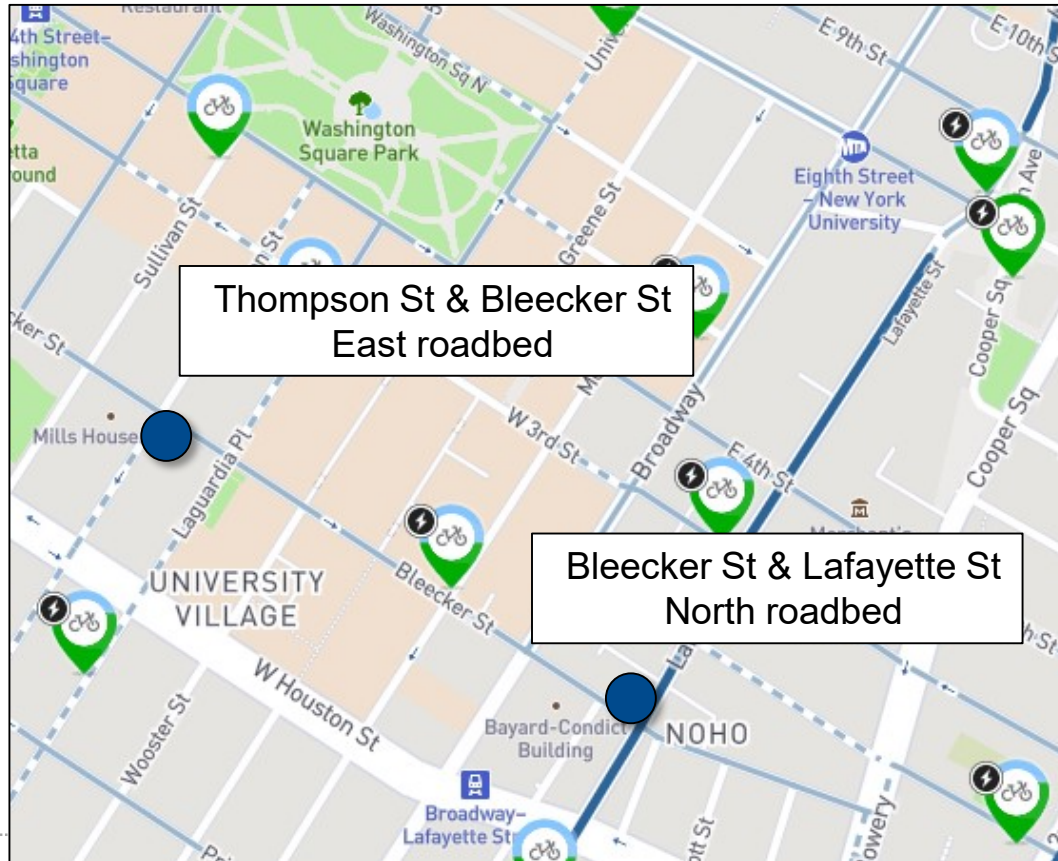


New Stations Overview, cont.

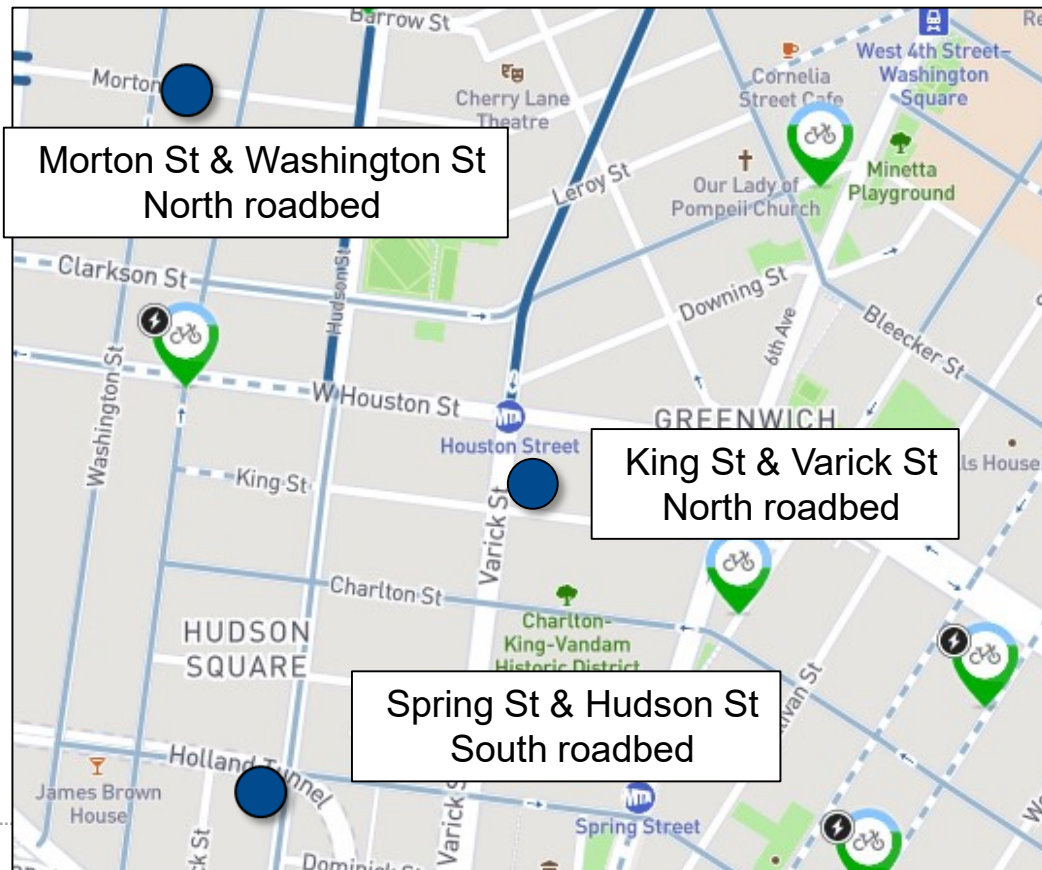
- Washington St & Barrow St
 - East roadbed
- W. 10th St & Washington St
 - North roadbed
- Greenwich St & Perry St
 - West roadbed
- Hudson St & W 13th St
 - East roadbed
- 10th Ave and W 13th st
 - East roadbed



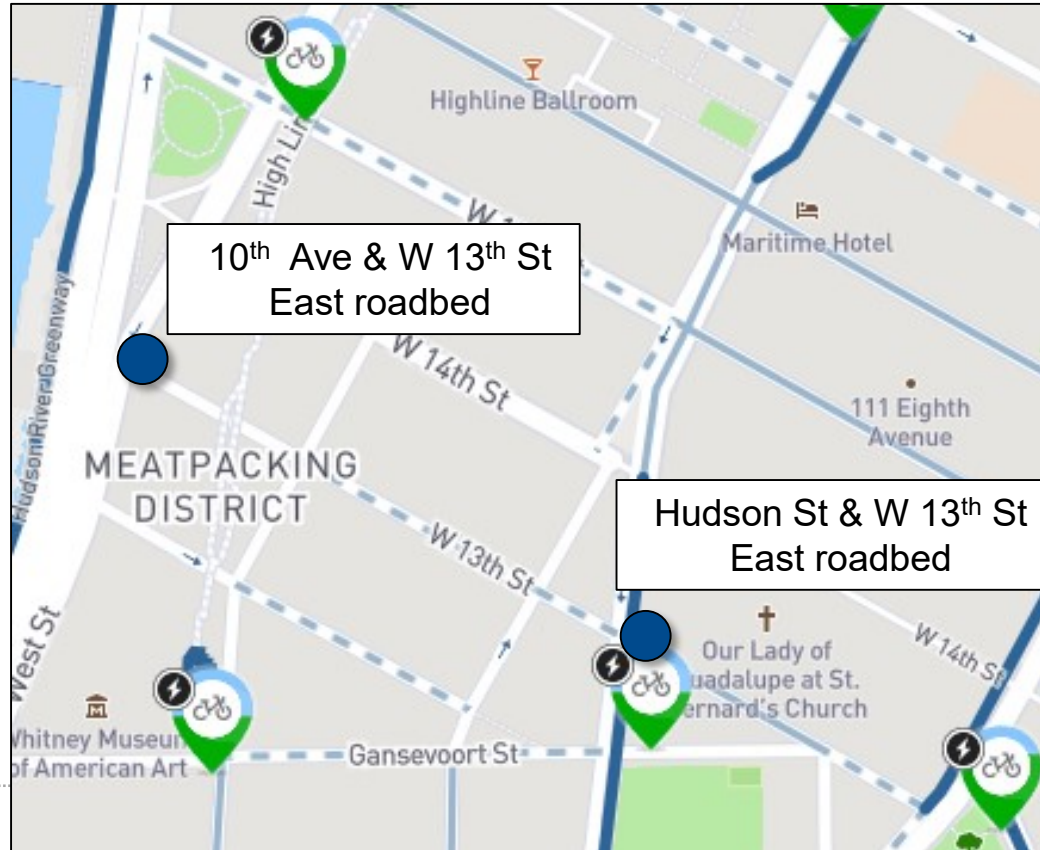
New Stations



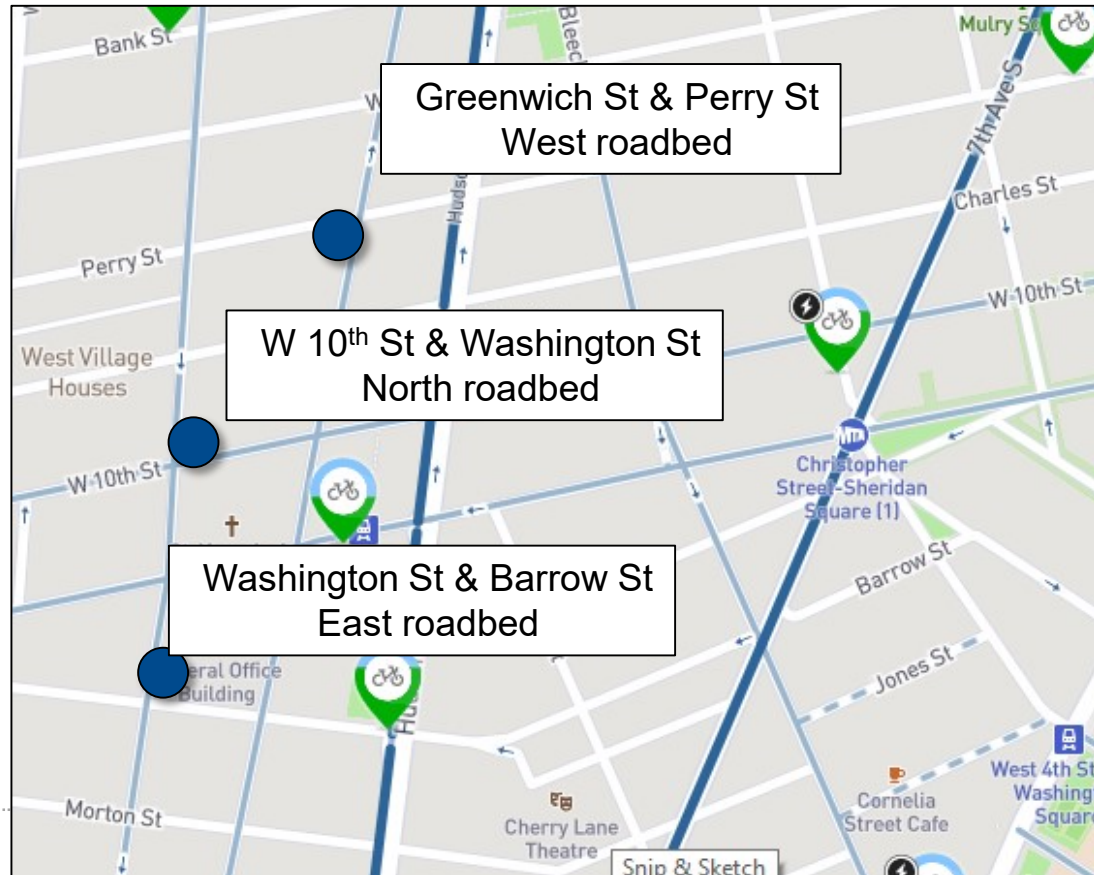
New Stations, cont.



New Stations, cont.



New Stations, cont.



Thank You!

Questions?



NYCDOT



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