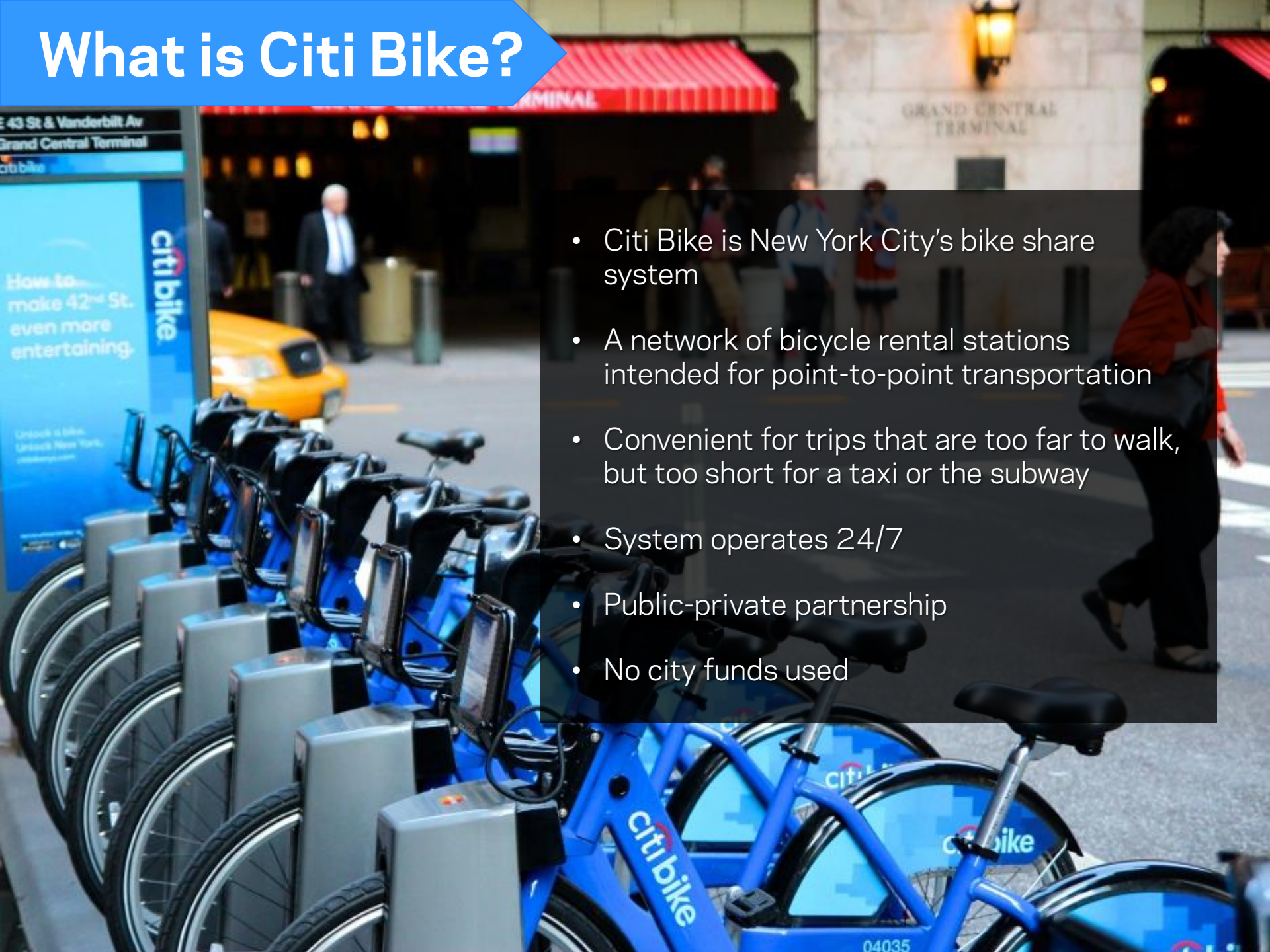
# Citi Bike Expansion: Infill Draft Plan

New York City Department of Transportation
Presented to Queens Community Board 2 Transportation Committee, May 30, 2017

NEW YORK CITY DOT

# What is Citi Bike?




- Citi Bike is New York City's bike share system
- A network of bicycle rental stations intended for point-to-point transportation
- Convenient for trips that are too far to walk, but too short for a taxi or the subway
- System operates 24/7
- Public-private partnership
- No city funds used

# Phase 2 Expansion

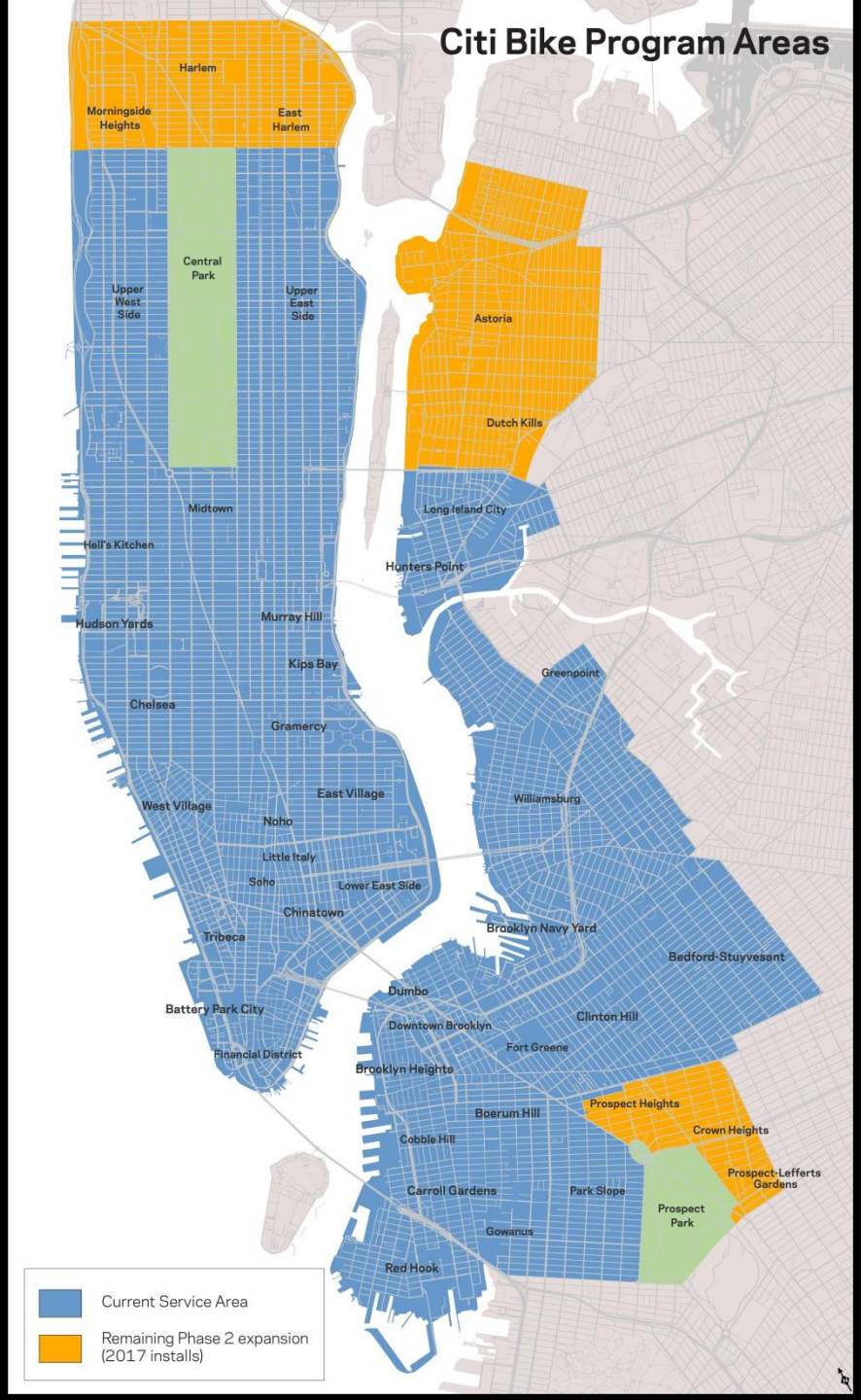
Currently, the system has:

- 10,000 bicycles
- 610 stations

By end of 2017, total size of Citi Bike system will be:

- 12,000 bikes
- 750 stations

Phase 2 sets stage for future expansion in any direction



# Strong Safety Record

- Only one reported crash for every 160k trips
- A 2014 CUNY Hunter study identified Citi Bike riders exhibited safer riding behavior than other cyclists
- A 2016 Report from Mineta Transportation Institution found that Bike Share riders have lower rates of crashes than other cyclists

*Source: NYCBS, as of October 2015*

# Safe Cycling Promotion

DOT promotes cycling safety with:

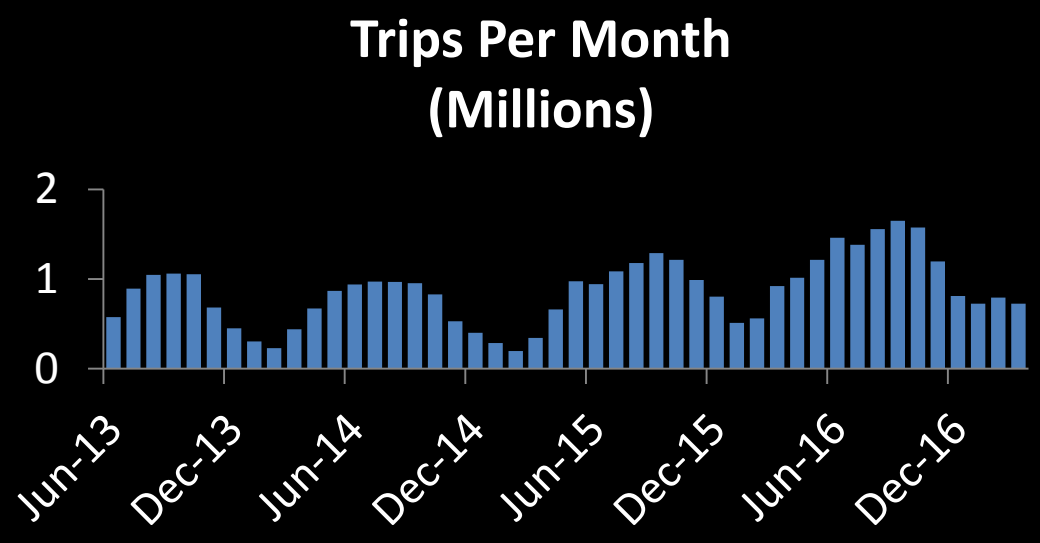
- Helmet fittings
- Light and bell giveaways
- Safety awareness classes
- Commercial cyclist workshops

# Safe Cycling Promotion

Citi Bike/Motivate promotes cycling safety with:

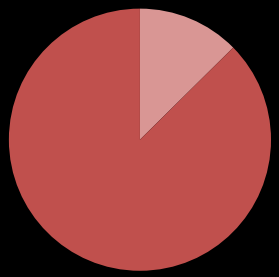
- Safety ambassadors
- Free Street Skills classes

# High Ridership



**Average trip duration is under 15 minutes**

| | |
|---|---|
| 40,000,000 + | Total trips |
| 1,990,000 + | Memberships sold |
| 122,000 + | Active annual members |
| 69,000 + | Trips on busiest days |
| 7.0 + | Trips per bike on busiest days |



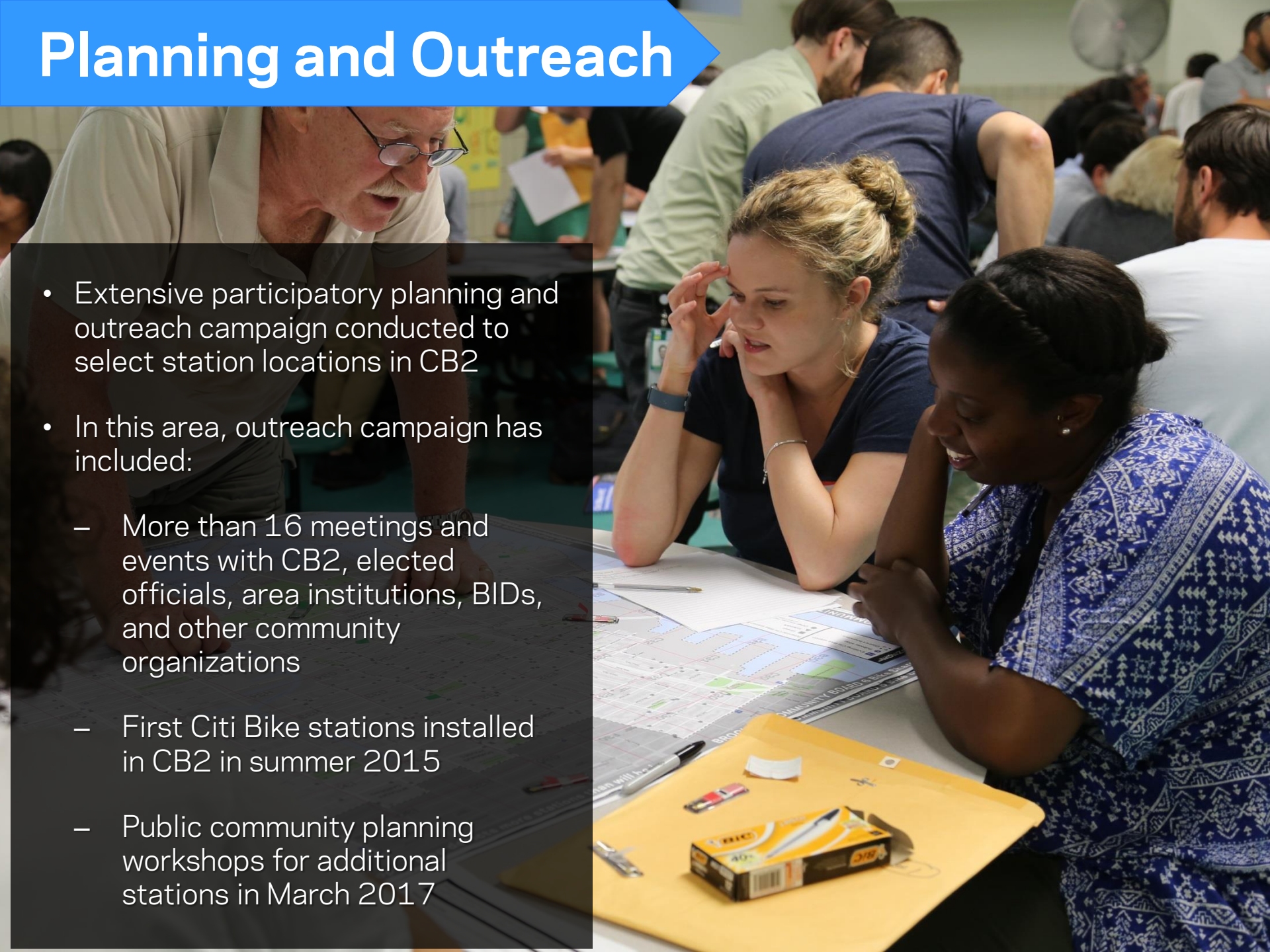
**88% of trips are taken by annual members**

*Data: NYCDOT*
*(as of April 2017)*

# Creating a functional transportation option

- Dense network of stations create a reliable transportation system
- Users are always a few blocks away from the nearest station
- New “infill” stations added to system to help improve station density

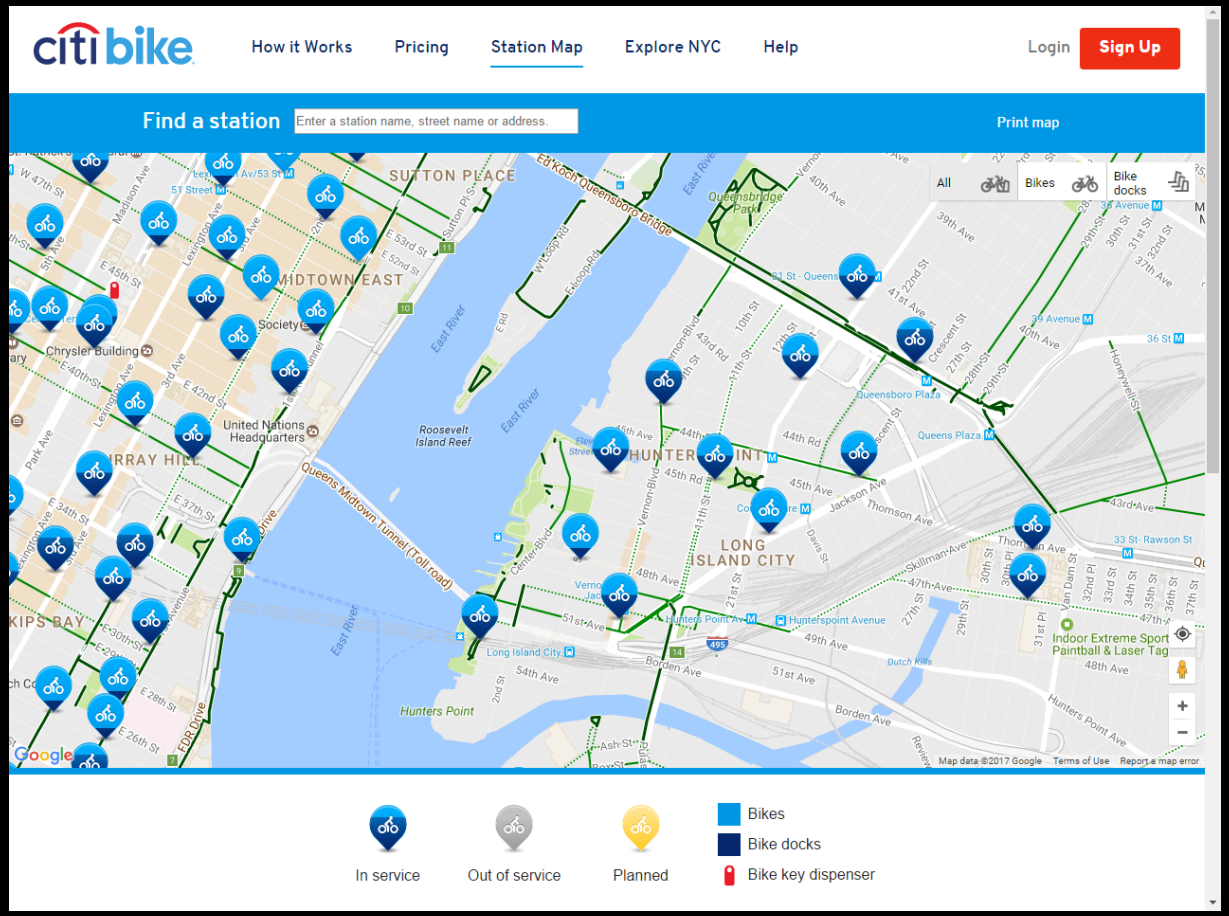
# Planning and Outreach



- Extensive participatory planning and outreach campaign conducted to select station locations in CB2
- In this area, outreach campaign has included:
  - More than 16 meetings and events with CB2, elected officials, area institutions, BIDs, and other community organizations
  - First Citi Bike stations installed in CB2 in summer 2015
  - Public community planning workshops for additional stations in March 2017

# CB 2 Existing Network

- 13 stations currently installed in Queens
- CB 2 will receive additional stations to improve network



# CB 2 Updated Station Map

- 7 infill stations planned for Long Island City

# Typical Station Locations

STATIONS IN ROADBED

Stations are typically located in the parking lane of the street, or on sidewalks that are wide enough to allow pedestrian flow

# Typical Station Locations

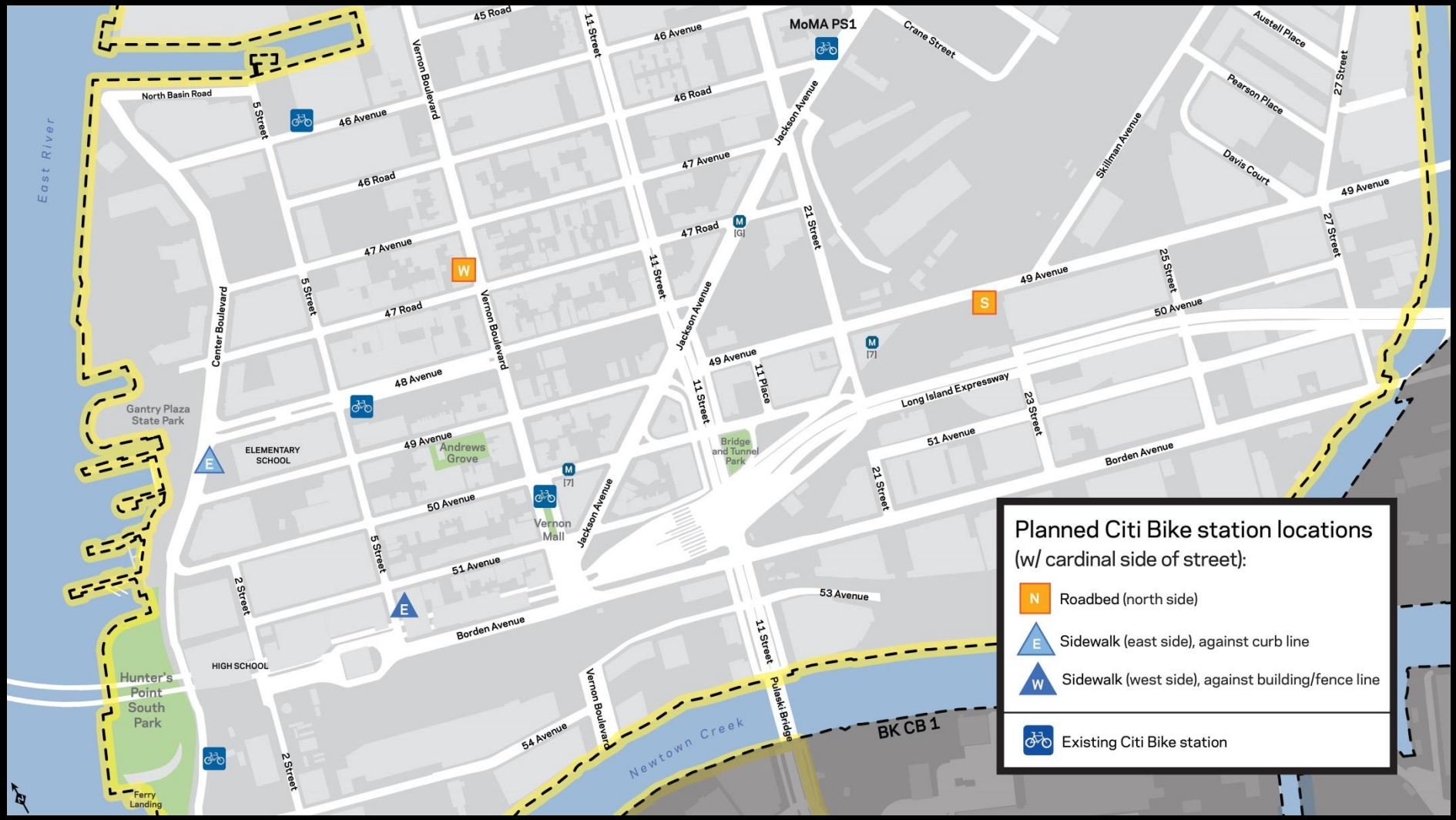
STATIONS ON SIDEWALK

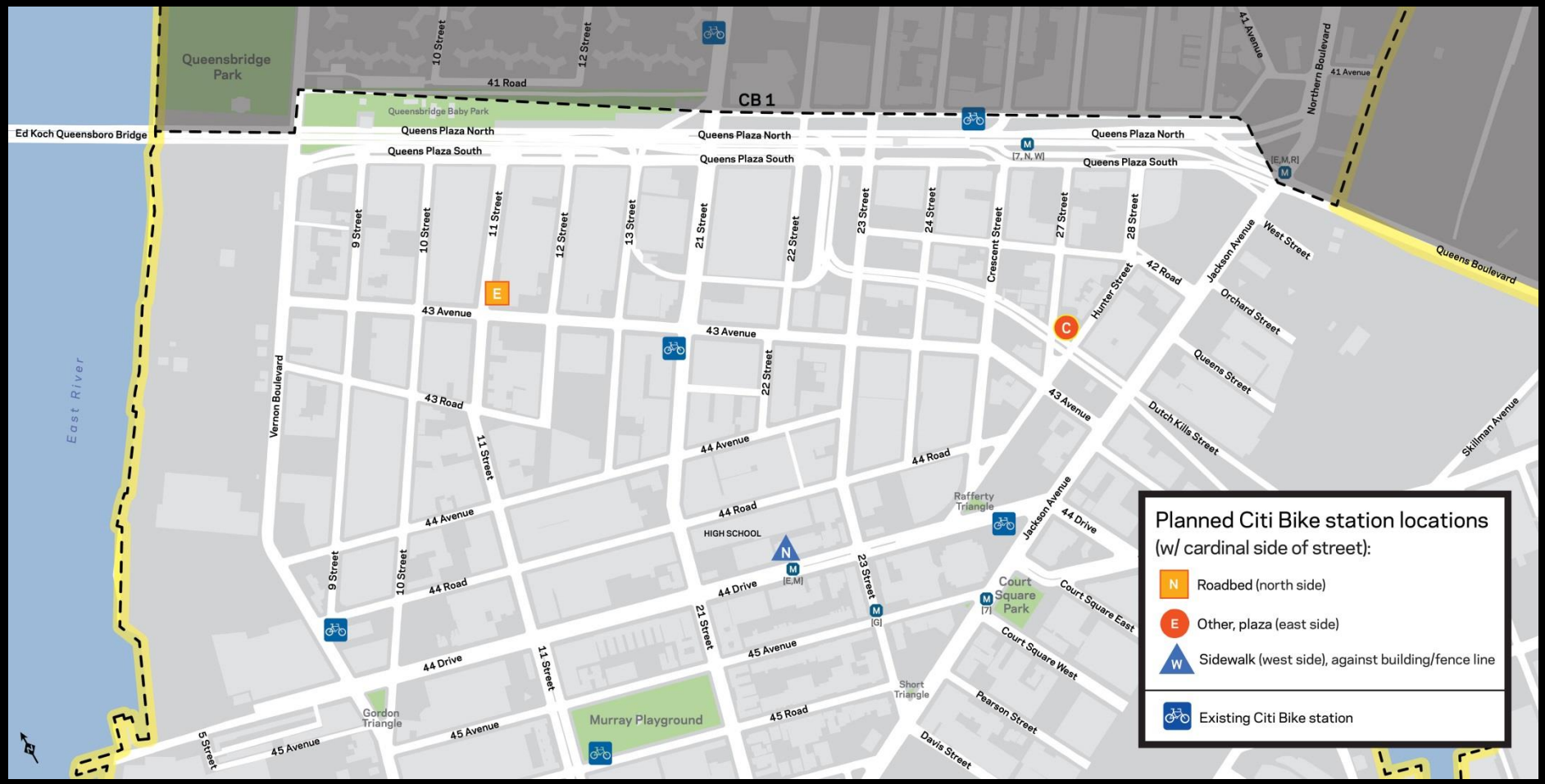
Stations are typically located in the parking lane of the street, or on sidewalks that are wide enough to allow pedestrian flow

ALONG PARK VERGE

ALONG CURB LINE

ALONG BUILDING LINE


Planned Citi Bike station locations
(w/ cardinal side of street):
N Roadbed (north side)
E Sidewalk (east side), against curb line
W Sidewalk (west side), against building/fence line
Existing Citi Bike station
East River
Newtown Creek
BK CB 1
MoMA PS1
Gantry Plaza State Park
Hunter's Point South Park
Ferry Landing
Andrews Grove
Vernon Mall
Bridge and Tunnel Park
ELEMENTARY SCHOOL
HIGH SCHOOL
45 Road
46 Avenue
46 Road
47 Avenue
47 Road
48 Avenue
49 Avenue
50 Avenue
51 Avenue
53 Avenue
54 Avenue
Borden Avenue
Long Island Expressway
North Basin Road
5 Street
2 Street
Center Boulevard
Vernon Boulevard
11 Street
11 Place
Jackson Avenue
21 Street
23 Street
25 Street
27 Street
Crane Street
Austell Place
Pearson Place
Davis Court
Skillman Avenue
Pulaski Bridge


Planned Citi Bike station locations
(w/ cardinal side of street):
N Roadbed (north side)
E Other, plaza (east side)
W Sidewalk (west side), against building/fence line
Existing Citi Bike station
CB 1
Queensbridge Park
Queensbridge Baby Park
Ed Koch Queensboro Bridge
East River
41 Road
Queens Plaza North
Queens Plaza South
Queens Boulevard
Northern Boulevard
41 Avenue
43 Avenue
43 Road
44 Avenue
44 Road
44 Drive
45 Avenue
45 Road
5 Street
9 Street
10 Street
11 Street
12 Street
13 Street
21 Street
22 Street
23 Street
24 Street
27 Street
28 Street
Crescent Street
Hunter Street
42 Road
Jackson Avenue
West Street
Orchard Street
Queens Street
Dutch Kills Street
Skillman Avenue
Vernon Boulevard
HIGH SCHOOL
Rafferty Triangle
Court Square Park
Court Square East
Court Square West
Short Triangle
Pearson Street
Davis Street
Gordon Triangle
Murray Playground
[7, N, W]
[E,M,R]
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# Questions?

Thank You

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www.citibikenyc.com