

Citi Bike Expansion: Draft Plan



What is Citi Bike?

E 43 St & Vanderbilt Av

Grand Central Terminal

citibike

How to
make 42nd St.
even more
entertaining.

citibike

Unlock 12 bikes.
Unlock New York.
unlocknyc.com

- 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

citibike

04035

citibike

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

Ceda el paso a
los peatones

No use las aceras

Deténgase en las
luces rojas

Circule en el sentido
del tráfico

In NYC, cyclists must:

Yield to pedestrians
Stay off the sidewalk
Obey traffic lights
Ride with traffic



Helmets are encouraged.
Get yours at a nearby bike shop.
See map for locations.

More information



1-855-BIKE-311 (1-855-245-3311)
www.citibikenyc.com

The Bike



Safety instructions face the rider

Bell mounted on handlebar

Rack with built-in elastic cord allows easy carriage of briefcase/handbag size items & front-facing sponsor panel

Seat height adjustable for riders from 4' 8" to 6' 8"

Drum brakes provide strong & consistent stopping power even in wet conditions

Heavy wheels & tires smooth out uneven road surfaces

Front & rear flashing lights are always on once the bike begins to roll

3-speed rear hub

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

Citi Bike Today

Growing to 12,000 bikes and approximately 750 stations by end of 2017

Improved bicycle rebalancing, cleaning and maintenance

Interoperable with regional Jersey City system

Annual membership price
\$14.95/month with annual contract
or \$163

NYCHA & CDC memberships
\$5/month with annual contract



Phase 2 Expansion

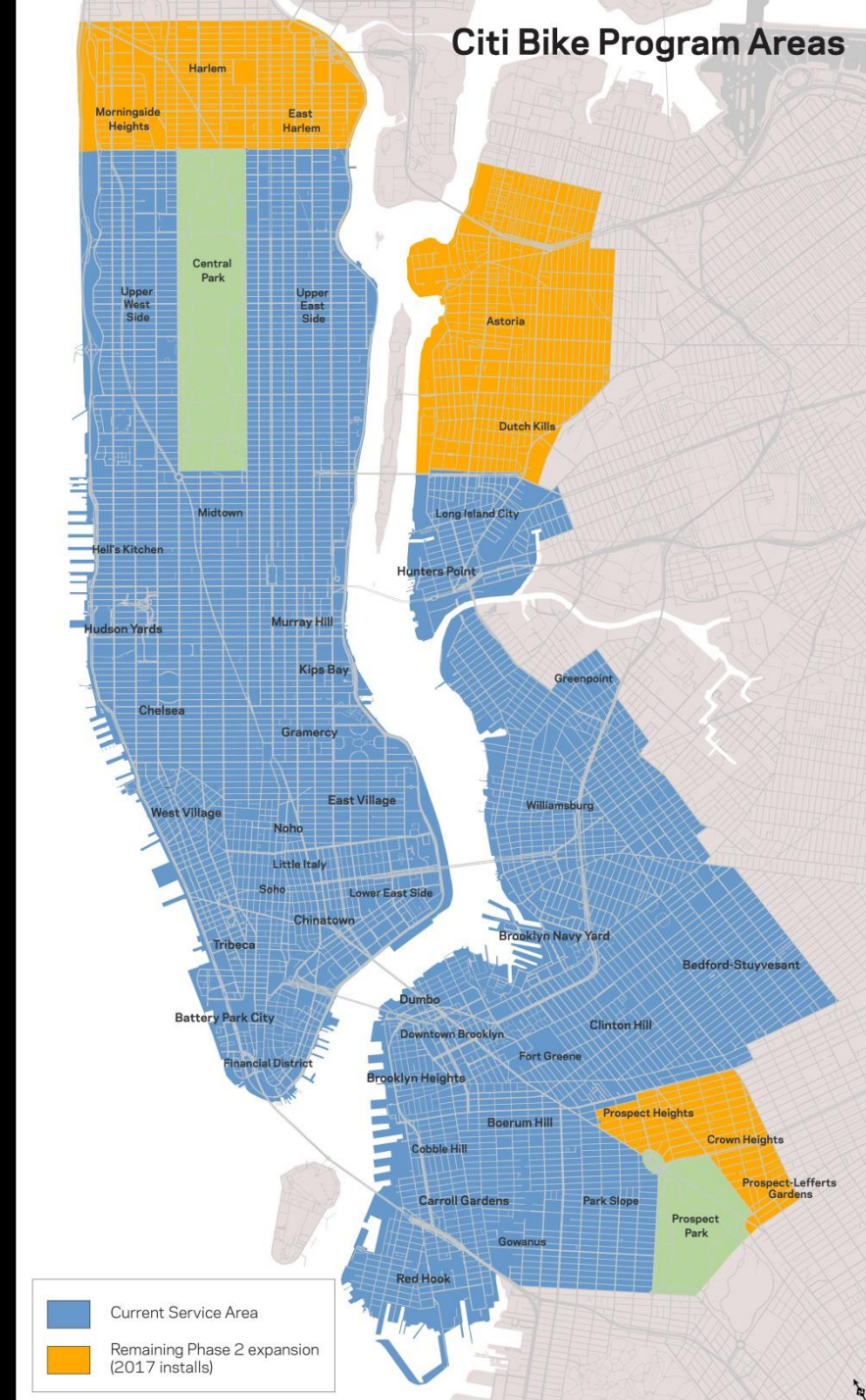
Currently, the system has:

- 10,000 bicycles
- 610 stations

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

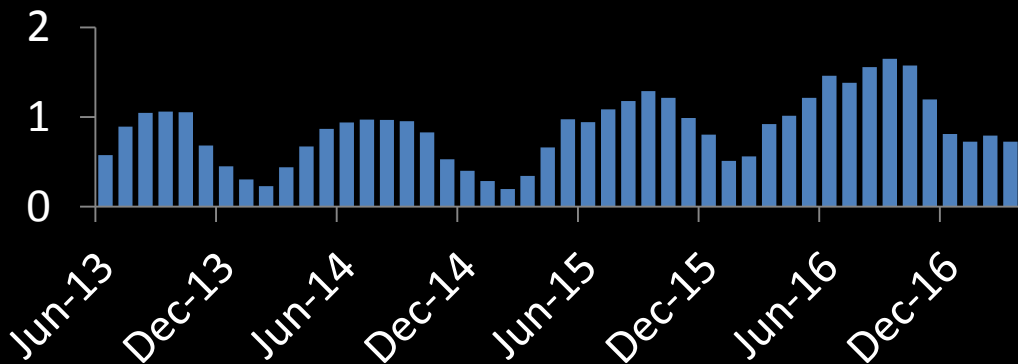
- 12,000 bikes
- 750 stations

Phase 2 sets stage for future expansion in any direction



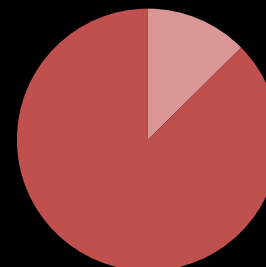
High Ridership

**Trips Per Month
(Millions)**



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

Planning and Outreach

- Extensive participatory planning and outreach campaign conducted to select station locations in CB1
- In this area, outreach campaign has included:
 - More than 18 meetings and events with CB1, elected officials, area institutions, BIDs, and other community organizations
 - Public community planning workshops in October and November 2016



Creating a Plan

Map presented at community planning workshops in October and November 2016

685 potential sites shown

Participants asked to use red and green stickers and comment forms to indicate opinion on specific sites



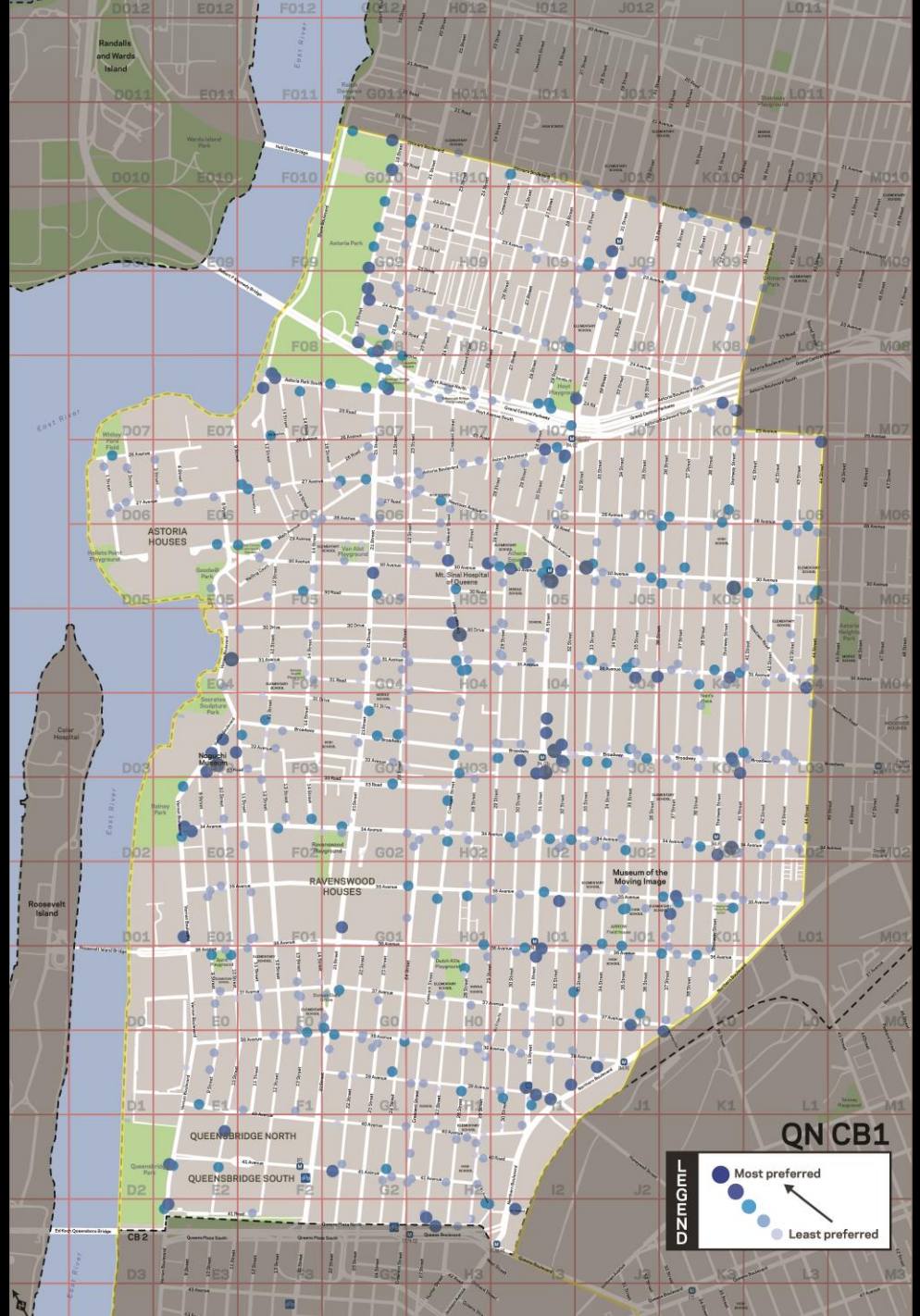
Creating a Plan

Potential sites are shown here by intensity of stakeholder preference

Darker shade indicates greater preference

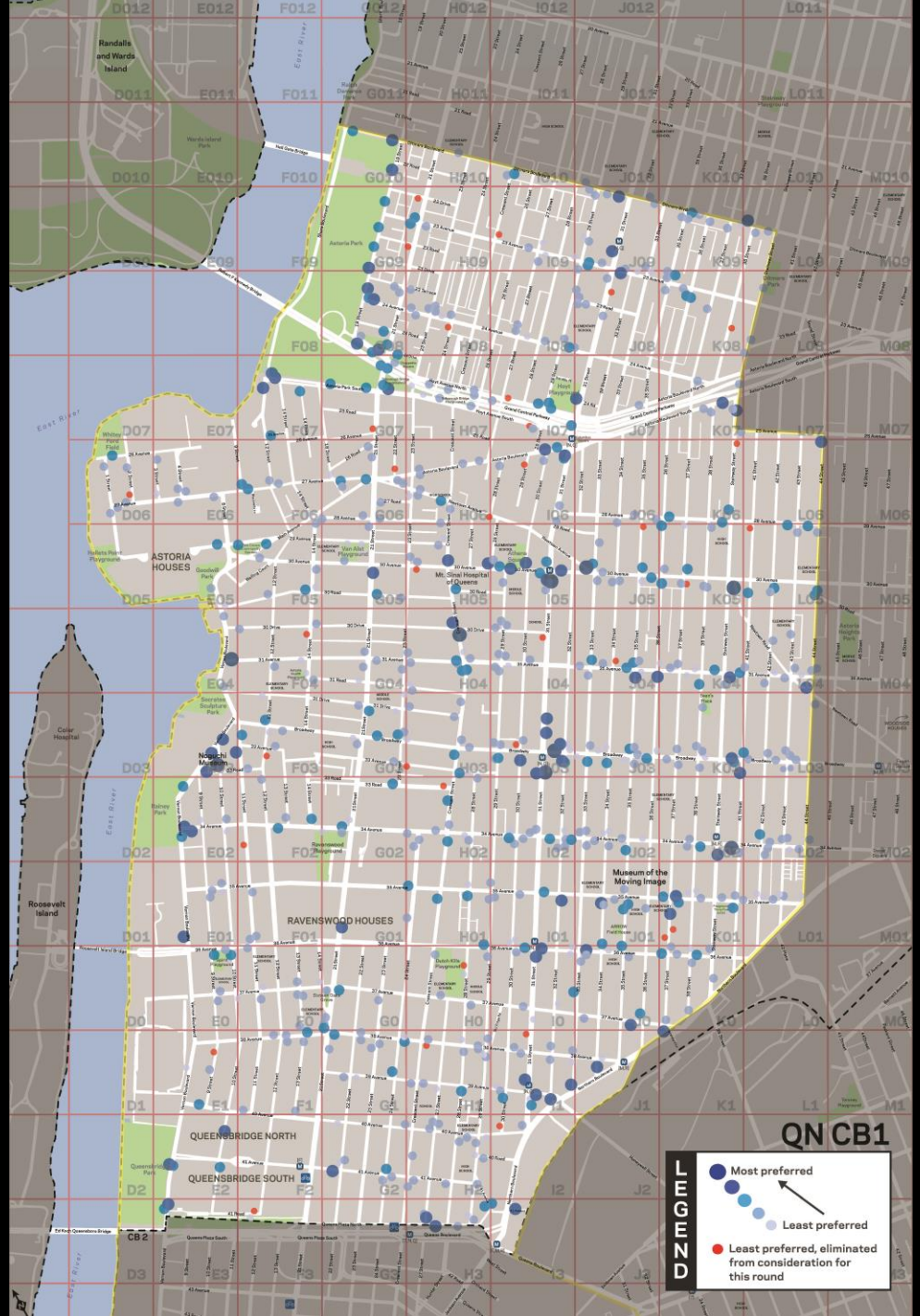
Inputs include:

- Community feedback
- Concentration of support clicks from public web portal
- Motivate operational considerations



Creating a Plan

Where possible, less preferred sites were removed from consideration



Creating a Plan

Community preference and network considerations were combined to create a draft plan

59 sites needed for CB 1 Draft Plan



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



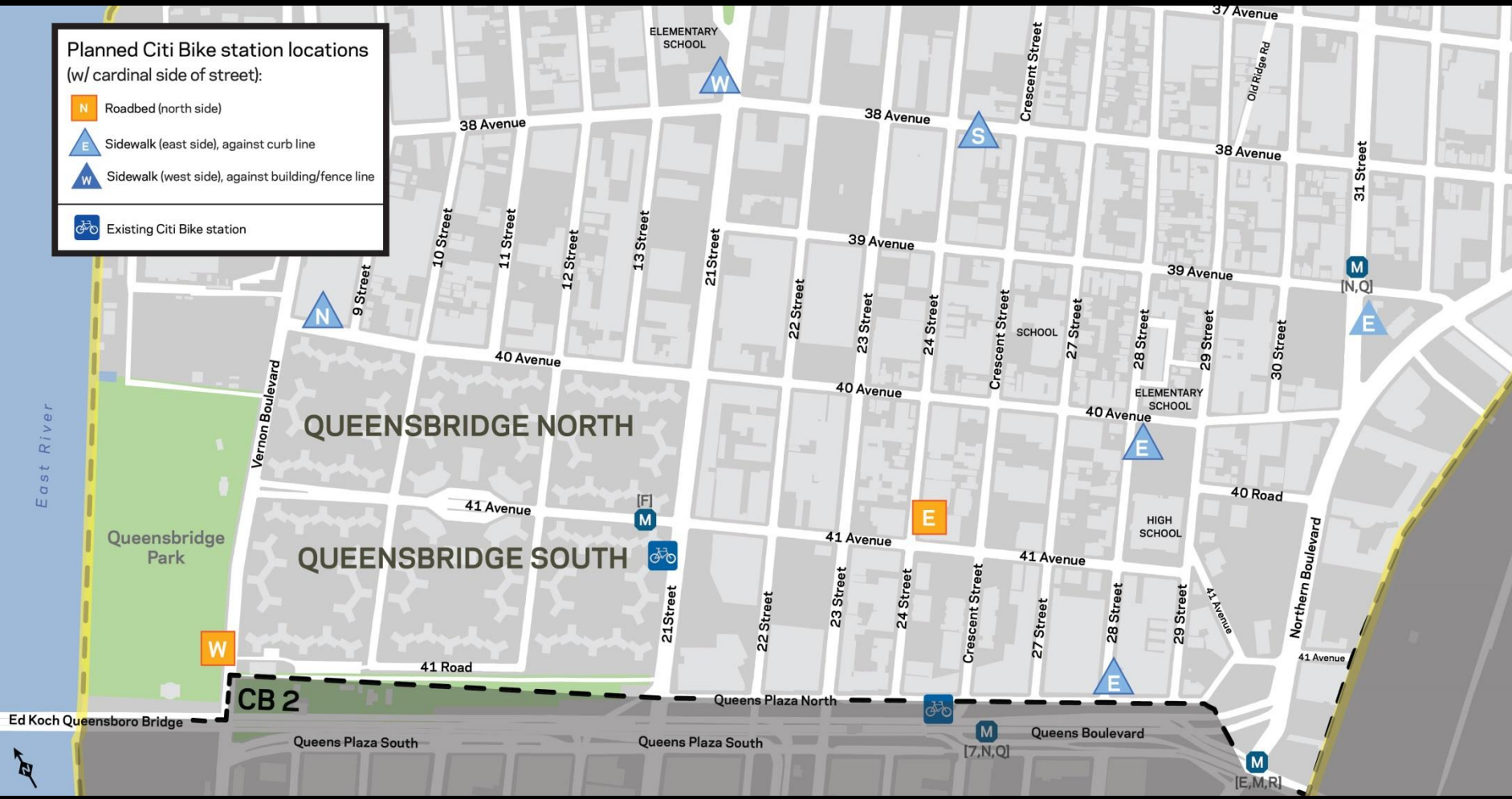
ALONG CURB LINE

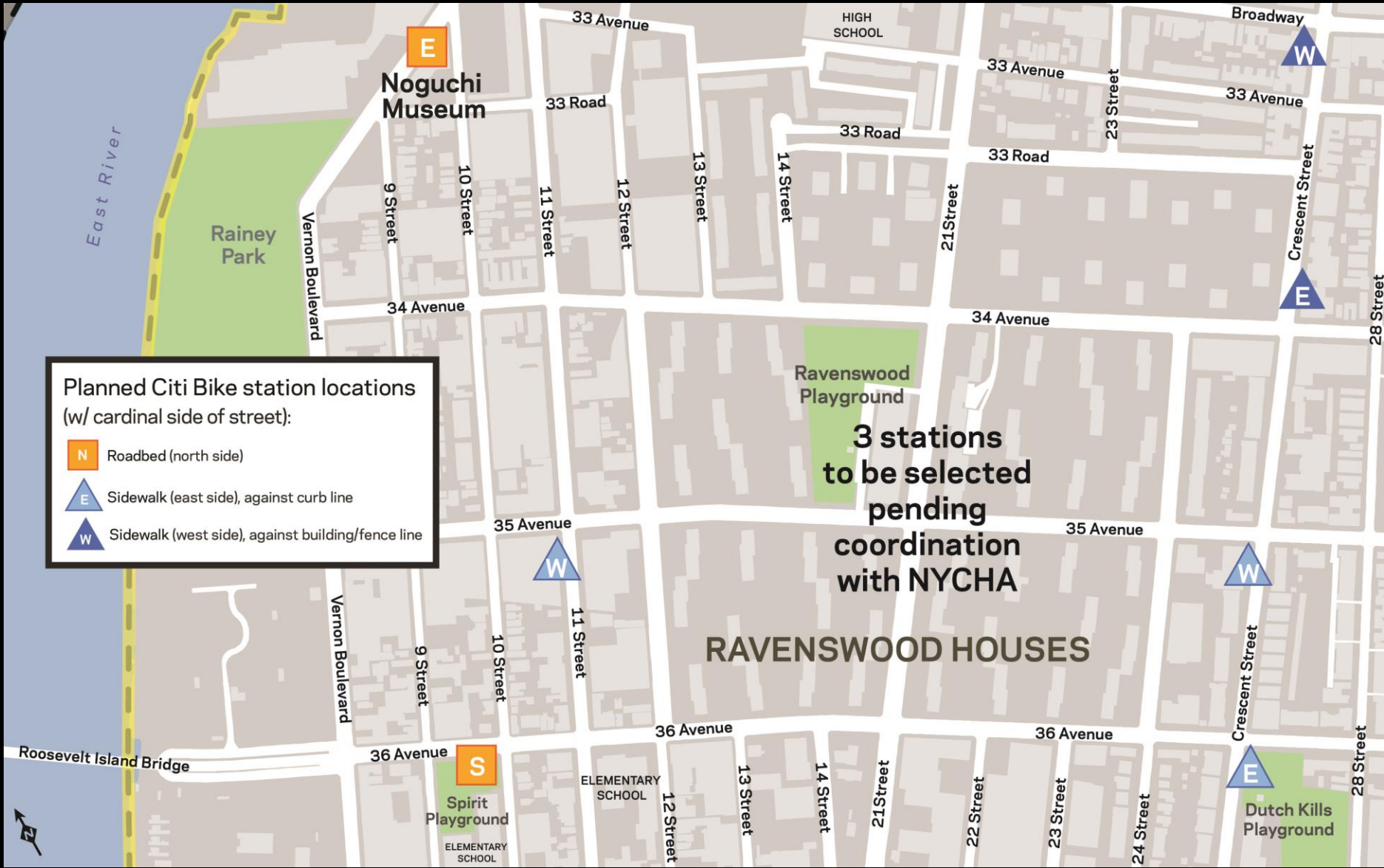


ALONG BUILDING LINE

Planned Citi Bike station locations
(w/ cardinal side of street):

- Roadbed (north side)
- Sidewalk (east side), against curb line
- Sidewalk (west side), against building/fence line
- Existing Citi Bike station





**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

**3 stations
to be selected
pending
coordination
with NYCHA**

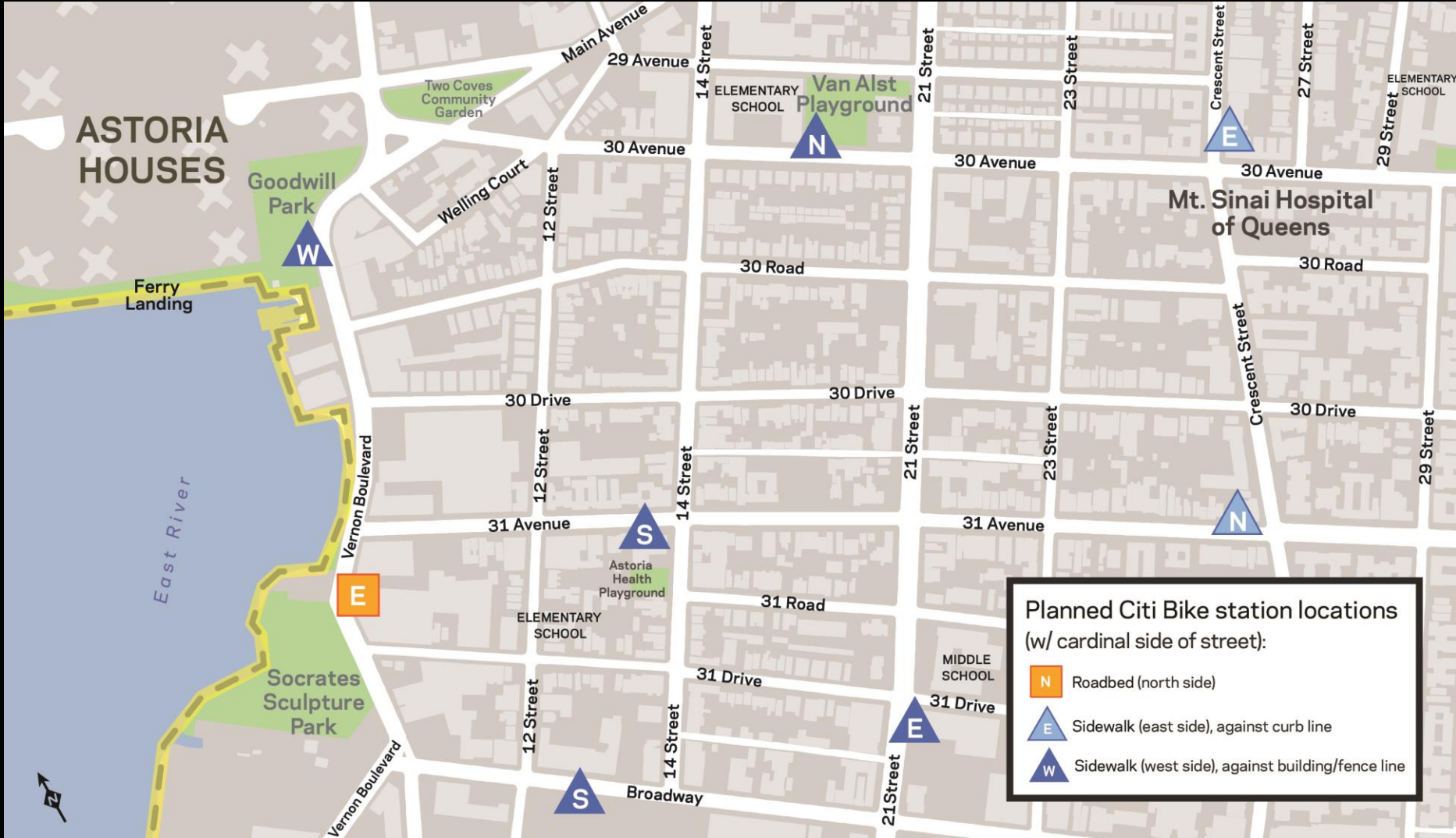
RAVENSWOOD HOUSES



Museum of the Moving Image

Planned Citi Bike station locations (w/ cardinal side of street):

- Roadbed (north side)
- ▲ Sidewalk (east side), against curb line
- ▼ Sidewalk (west side), against building/fence line

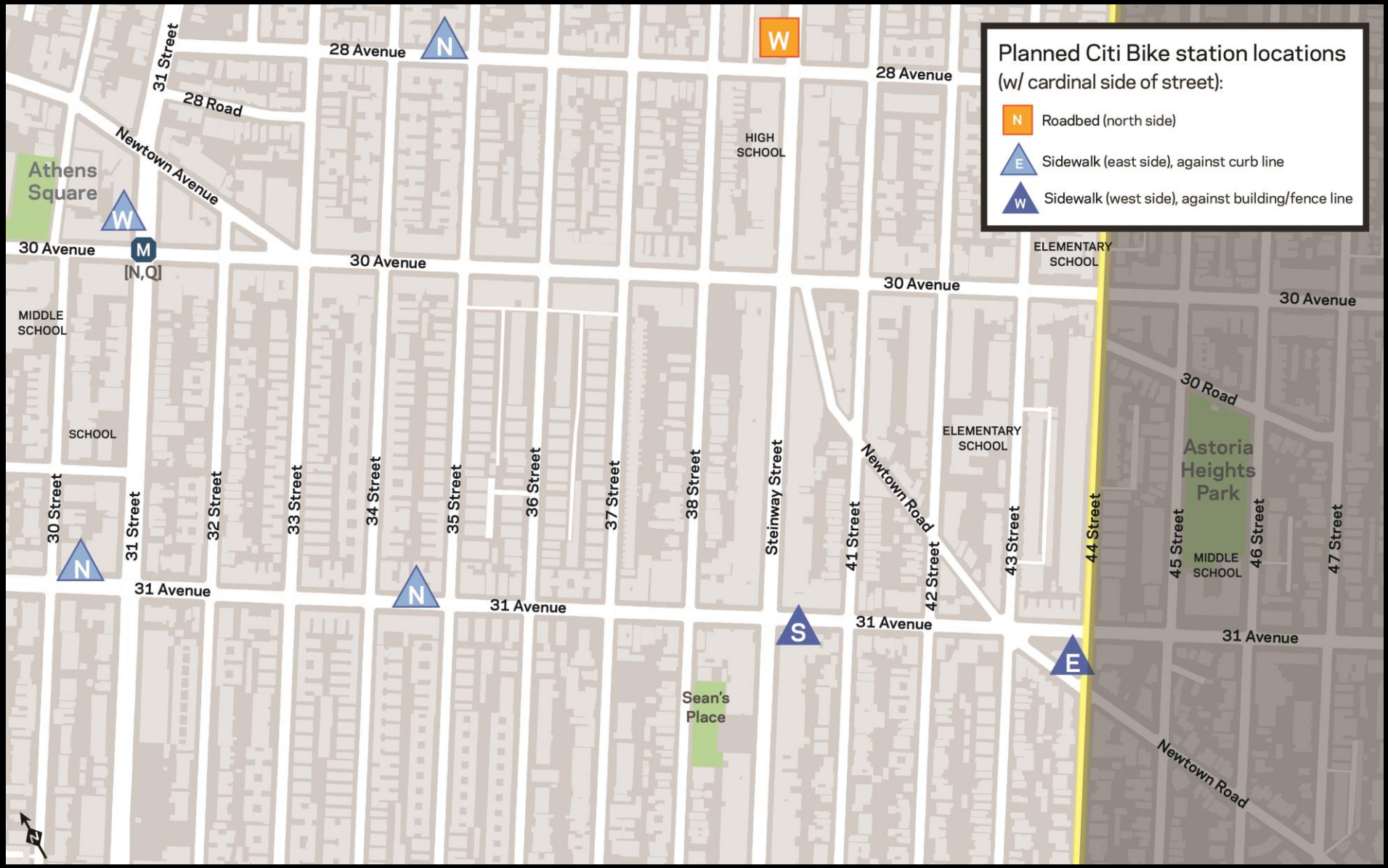


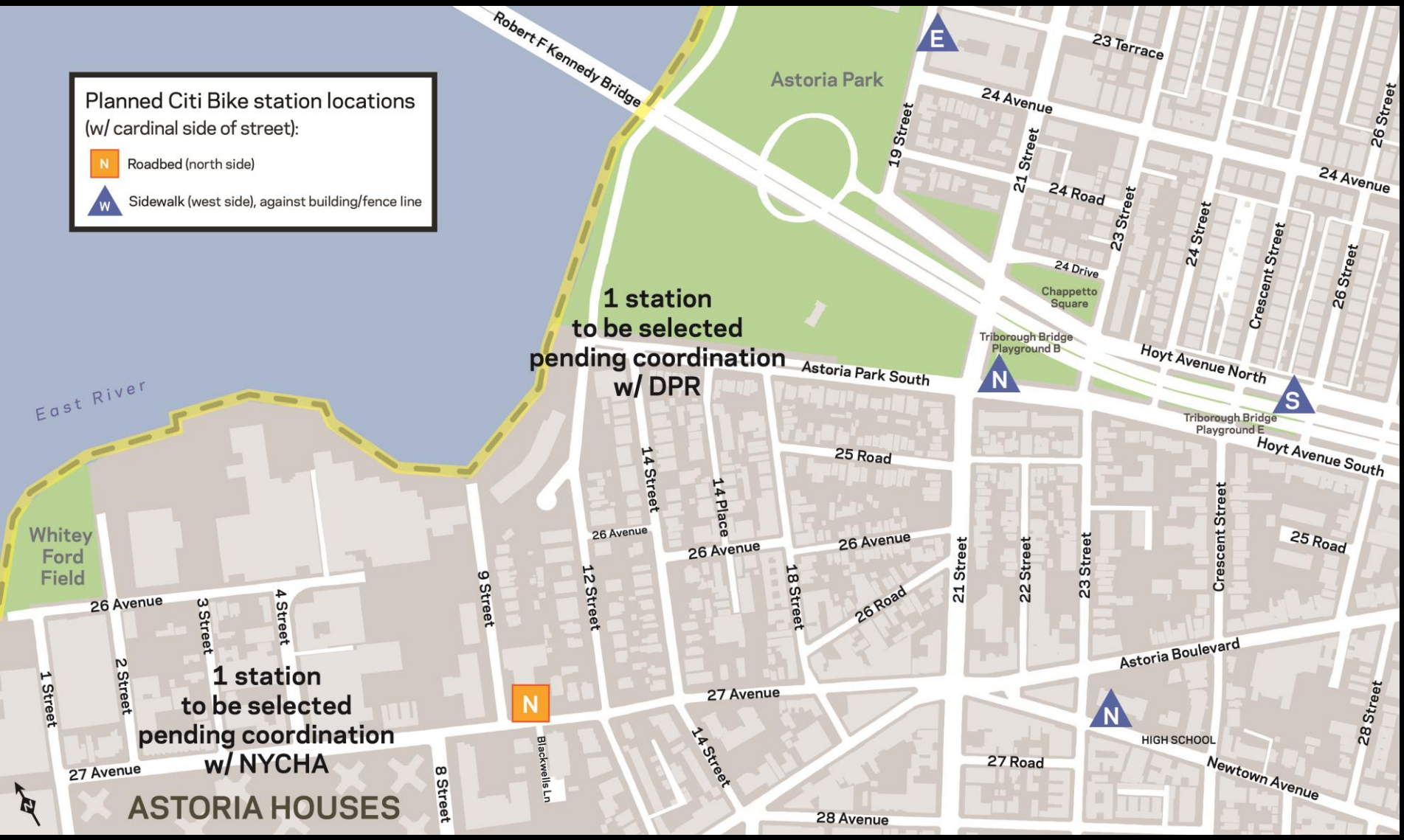
Planned Citi Bike station locations (w/ cardinal side of street):

- N Roadbed (north side)
- ▲ E Sidewalk (east side), against curb line
- ▲ W Sidewalk (west side), against building/fence line

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





Planned Citi Bike station locations (w/ cardinal side of street):

- N** Roadbed (north side)
- W** Sidewalk (west side), against building/fence line

1 station to be selected pending coordination w/ DPR

1 station to be selected pending coordination w/ NYCHA

ASTORIA HOUSES



**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



ELEMENTARY SCHOOL

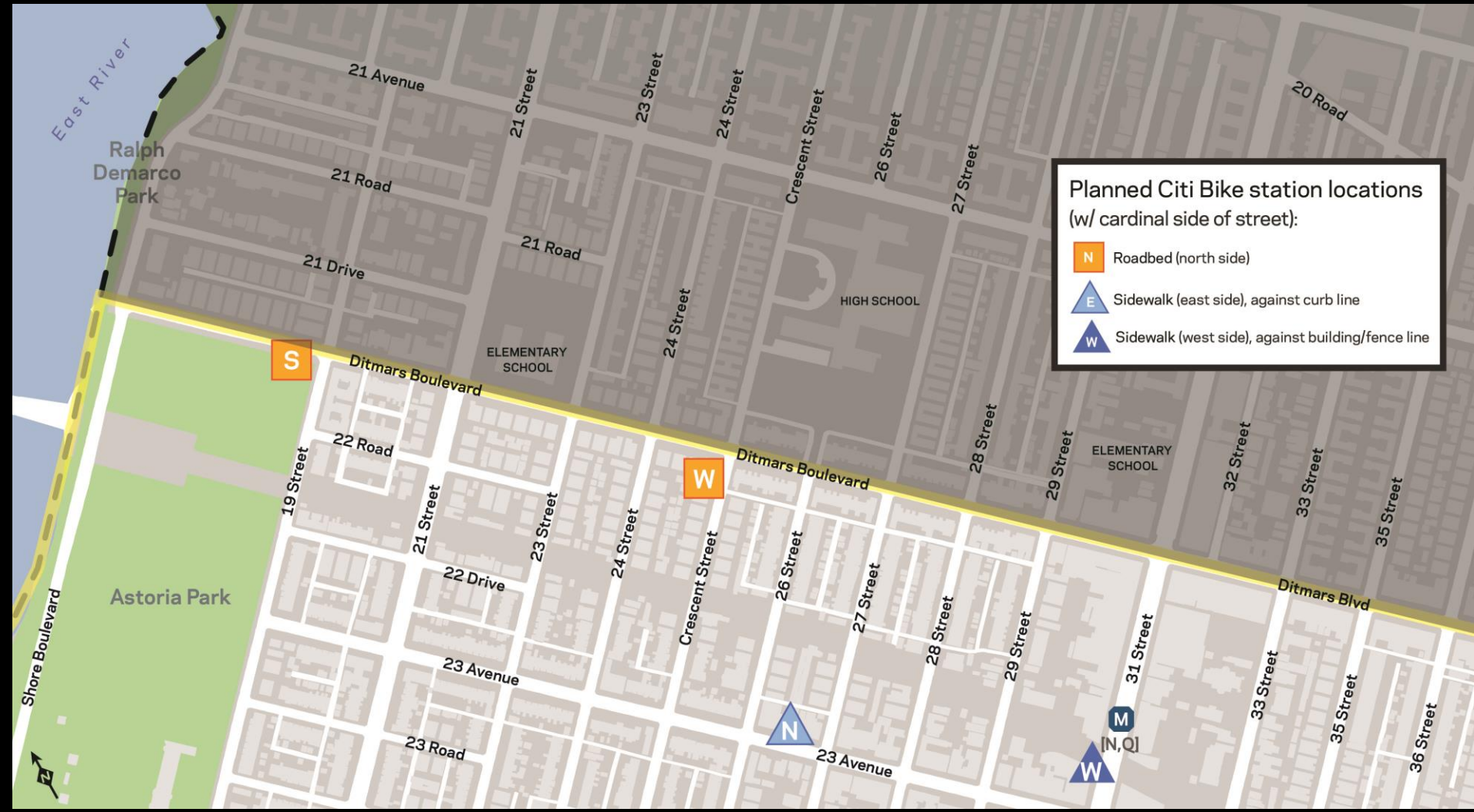
Ditmars Park

ELEMENTARY SCHOOL

Hoyt Playground

Columbus Square

[N, Q]



**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

S

W

N

W

M
N, Q



Questions?



nyc.gov/bikeshare

www.citibikenyc.com

Thank
You