Citi Bike Expansion: Revised Draft Plan

New York City Department of Transportation
Presented to Manhattan Community Board 10 Transportation Committee, May 9, 2017
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
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
The Bike

- Bell mounted on handlebar
- Safety instructions face the rider
- Rack with built-in elastic cord allows easy carriage of briefcase/handbag size items & front-facing sponsor panel
- Drum brakes provide strong & consistent stopping power even in wet conditions
- Seat height adjustable for riders from 4’ 8” to 6’ 8”
- Heavy wheels & tires smooth out uneven road surfaces
- 3-speed rear hub
- Front & rear flashing lights are always on once the bike begins to roll
Safe Cycling Promotion

DOT promotes cycling safety with:

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

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

Average trip duration is under 15 minutes.

88% of trips are taken by annual members.

Data: NYCDOT (as of April 2017)
Extensive participatory planning and outreach campaign conducted to select station locations in CB10

In this area, outreach campaign has included:

- More than 12 meetings and events with CB10, elected officials, area institutions, BIDs, and other community organizations
- Public community planning workshop in November 2015
- Draft Plan presented to CB10 TC in April 2016
Creating a Plan

Map presented at community planning workshop in November 2015

270 potential sites shown

Participants asked to use red and green stickers and fill out comment forms to indicate opinions 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.

17 sites needed for CB 10 Draft Plan (presented April 2016)
17 stations planned within CB 10
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.
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Planned Citi Bike station locations (w/ cardinal side of street):

- **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):

- Sidewalk (east side), against curb line
Thank You

Questions?

nyc.gov/bikeshare
www.citibikeny.com