BROOKLYN CB 10
Bike Network Expansion Workshop
January 16, 2019
Background
Introduction to NYC DOT

Safe, efficient, and environmentally responsible movement of people and goods on the City’s streets

NYC DOT is responsible for:
- 6,000 miles of streets and highways
- 789 bridges and tunnels
- 12,000 miles of sidewalk
- 12,700 signalized intersections
- 315,000 street lights
- Staten Island Ferry
- 1 million+ street signs
- 200 million+ linear feet of roadway markings
NYC DOT Bicycle and Greenway Program

Responsible for building on-street bike network and increasing bike safety

Largest bike network in North America (1000+ lane miles)

NYC Bike ridership growing every year

- **460,000 bike trips per day** (2016 estimate)
- Daily cycling up 70% (2011-2016)
- Regularly 60,000 Citi Bike trips a day

Street redesigns improve safety for all road users

- Cyclists
- Pedestrians
- Drivers
- Bus Riders
Street Improvement Project Toolbox – Bike Facilities

**Conventional Bike Lanes**

- Create dedicated space for people on bikes and in cars
- Increase predictability for all road users
- Visually narrow the roadway, reduces crashes with injuries
Street Improvement Project Toolbox – Bike Facilities

Protected Bike Lanes

- Provide barrier between cyclists and traffic
- Create shorter, safer pedestrian crossings
- May include floating parking, narrower roadway has traffic calming effect
  
  21% decrease in pedestrian injuries
  15% decrease in motor vehicle occupant injuries

Background

Data from 25 separate protected bicycle lane projects installed from 2007-2014 with 3 years of after data. Includes portions of 1 Ave, 2 Ave, 8 Ave, 9 Ave, Broadway, Columbus Ave, Hudson St, Lafayette St / 4 Ave, Sands St; Allen/Pike St, Kent Ave, Prospect Park West, Flushing Ave, Bruckner Blvd & Longfellow Ave, Imlay St / Conover St, Paerdegat Ave. Only sections of projects that included protected bike lanes were analyzed.

Source: NYPD AIS/TAMS Crash Database
Street Improvement Project Toolbox – Bike Facilities

Shared Lanes

- Alert drivers and cyclists of shared space
- Provide wayfinding for people on bikes
- Guide bicycles away from open car doors
Background

BIKING IN SOUTHERN BROOKLYN – Major Destinations and Ridership

- Shore Parkway Greenway
  - 2200+ cyclists

- Ocean Parkway Greenway
  - 1200+ cyclists

- Marine Park Path

- Jamaica Bay Greenway
  - 1600+ cyclists

- 27% of Bensonhurst & Bay Ridge residents ride a bike (at least once in past year)

- 17% of Sheepshead Bay & Coney Island residents ride a bike (at least once in past year)

Source: 2014 NYC Community Health Survey
PREVIOUS PROJECTS

- 2003 Bike Lanes (Shore Rd, Colonial Rd)
- 2015 Bike lanes (72nd St, 68th St, Ft Hamilton Pkwy, 6th Ave, Marine Ave)
PREVIOUS PROPOSALS

- 84 St/85 St/Ave S/Ave T proposal to District Managers of CBs 10, 11, 13, and 15
- 92 St proposal
GOALS

- Complete neighborhood network within Bay Ridge
- Extend the network into Dyker Heights
- Improve access to recreational paths and greenways
THANK YOU!

Questions?