Overview

1. Background

2. Proposal

3. Summary
Background

Community Requests for Street Improvements

1. Signalized pedestrian crossing at Beach Channel Drive and B 94th St

2. Address concerns about cut-through traffic across Rockaway Fwy at B 92nd St

3. Repairs to sidewalks and medians on B 95th St at bridge exit

Project History

Presentation to Rockaway Civic Association on March 25, 2015
- Concerns about street closure and loss of parking

Jamaica Bay Greenway Plan – released in 2016
- 16 community planning workshops and events
- 26 projects identified throughout Jamaica Bay
- Workshop participants prioritized Cross Bay Bridge to beach connection
Project Overview

1. New traffic signal at Beach Channel Dr and B 94th St

2. Concrete repairs at B 95th St

3. New Greenway Connection
Existing Conditions
• Un-signalized intersection
• Complex merging
• High volume of pedestrians crossing

Community request:
Pedestrian crossing between commercial destinations, parking, Cross Bay Bridge pedestrian path
Beach Channel Dr and B 94th St, B 92nd St

Proposed Configuration
- Install new signalized crossing
- Maintain all vehicle access
- Maintain concrete barriers in intersection
- Loss of 1-2 parking spaces

Benefits
- Adds safe pedestrian and bicycle crossing
- Organizes traffic flow
2. **Rockaway Freeway and B 95th St**

**Existing Conditions**
- Concrete in need of repair
- Inadequate east-west pedestrian crossings
Proposed Changes

- Increase pedestrian space with new concrete curb extensions
- Create new east-west pedestrian crossing

Precedent: George St, Ridgewood, QN

Precedent: Queens Blvd, Rego Park, QN
Bay to Ocean Bicycle Connection

Existing Conditions
• No designated route for cyclists between Cross Bay Bridge and Rockaway Boardwalk
• Bridge access point is unclear

Waterfront destinations attract many cyclists and pedestrians
Bay to Ocean Bicycle Connection

Proposed

• Create north- and southbound bicycle facilities on B 94 St adjacent to center median connecting cyclists from Cross Bay Bridge to Rockaway Boardwalk

A Beach 94th St Shorefront Pkwy to Rockaway Freeway

B NB Connection to Cross Bay Bridge on B 94th St

C SB Connection from Cross Bay Bridge on B 92nd St and Rockaway Fwy
Bay to Ocean Bicycle Connection

A Beach 94th St Shorefront Pkwy to Rockaway Freeway (Typical)

Existing

26' Travel & Parking Lane

29' Travel Lane

8' Median

66'

Proposed

8' Parking Lane

12' Travel Lane

6' Median

5' 8' Parking Lane

12' Travel Lane

66'

Two-way bike lane along median provides direct connection to Rockaway Beach

ADDS PARKING on main line (approx. 38 spaces)
Bay to Ocean Bicycle Connection

NB Connection to Cross Bay Bridge on B 94th St

Shared lane markings provide wayfinding for cyclists, indicate to drivers to share the road.
Bay to Ocean Bicycle Connection

C SB Connection from Cross Bay Bridge on B 92nd St

Existing

- West Sidewalk
- 30’ Travel & Parking Lane
- East Sidewalk

Proposed

- West Sidewalk
- 8’ Parking Lane
- 5’ Travel & Parking Lane
- 17’ Travel & Parking Lane
- East Sidewalk
Bay to Ocean Bicycle Connection

SB Connection from Cross Bay Bridge Rockaway Fwy

Existing

- North Sidewalk
- 7' Buffer
- 11' Travel Lane
- 5' Buffer
- 4' Median
- 5' Buffer
- 7' Buffer
- 6' Median
- 56'

Proposed

- North Sidewalk
- 6' Buffer
- 11' Travel Lane
- 6'
- 4' Median
- 5' Buffer
- 7' Buffer
- 6' Median
- 56'
Roadway Network Safety Improvements

A De Sota Rd: Safety concerns at intersection with B 94th St

- All bridge-bound traffic merges at intersection
- Lack of organization creates conflicts at intersection.

*Motorist crossing from B 94 St service road to Cross Bay Bridge on-ramp across through-traffic from B 94 St main line
Roadway Network Safety Improvements

A De Sota Rd: Safety concerns at intersection with B 94th St

- All bridge-bound traffic merges at intersection
- Restricting access at Rockaway Fwy will improve processing by removing conflicts from intersection.

*Motorist crossing from B 94 St service road to Cross Bay Bridge on-ramp across through-traffic from B 94 St main line

Cross Bay Bridge Traffic Queuing During AM Peak Hour

- Close service road to through traffic
- Reducing conflicts in intersection improves processing
- Bridge-bound traffic from Service Road merges with main line before intersection
Roadway Network Safety Improvements

A De Sota Rd: Safety concerns at intersection with B 94th St

- B 94 St Service Road carries low vehicular volumes.
- Restricting access at Rockaway Fwy will improve processing by removing conflicts from intersection.

*Motorist crossing from B 94 St service road to Cross Bay Bridge on-ramp across through-traffic from B 94 St main line

Turning Movement Volumes During AM Peak Hour

EXISTING

KEY

- Vehicular volume
- Turning movement with conflict
- Vehicular volume
- Turning movement with no conflict
Roadway Network Safety Improvements

De Sota Rd: Safety concerns at intersection with B 94th St

- B 94 St Service Road carries low vehicular volumes.
- Restricting access at Rockaway Fwy will improve processing by removing conflicts from intersection.

*Motorist crossing from B 94 St service road to Cross Bay Bridge on-ramp across through-traffic from B 94 St main line
Roadway Network Safety Improvements

A  De Sota Rd: Convert to one-way EB to address safety concerns at intersection with B 94th St

B  B 92 St: Convert to SB (Rockaway Fwy to Rockaway Beach Blvd) to address Safety concerns with cut-through traffic across Rockaway Fwy

Current street direction(s)

Proposed street direction(s)
### Roadway Network Safety Improvements

**A** De Sota Rd: Convert to one-way EB to address safety concerns at intersection with B 94th St

**B** B 92 St: Convert to SB (Rockaway Fwy to Rockaway Beach Blvd) to address Safety concerns with cut-through traffic across Rockaway Fwy

- **Close service road to through traffic**
- **Convert to 1-way EB**
- **Convert from NB to SB**
Project Overview

North–South Access improvements for Vehicles, Pedestrians and Cyclists

1. **Beach Channel Dr & B 94th St**
   Install new signalized crossing and maintain vehicle access

2. **Concrete repairs at B 95th St:**
   Increase pedestrian space and create new pedestrian crossing

3. **New Greenway Connection**
   Designate greenway route from Bridge to Boardwalk with added beach parking
THANK YOU!

Questions?