Background

Request for Signal at Bridge Entrance

Jamaica Bay Greenway Workshops

Existing Condition: Beach Channel Dr @ Beach 94th St
Cross Bay Bridge Connector

Transportation Issues

#1 Missing waterfront crossing/difficult merge
Beach 94th St at Beach Channel Dr

#2 Confusing connection to bridge
Broad Channel entrance to ped ramp

#3 Gap in Jamaica Bay Greenway loop
Rockaway Beach connection
Issue #1

Missing Waterfront Crossing/Difficult Merge

- Complex Intersection
- No Signal
- Lack of Crossings
Solution #1
Reconfigure Traffic to Install Signal

Simplify Merge/Install Signal
Add Crosswalks + Pedestrian Refuges
Organize Vehicular Movements
Solution #1
Reconfigure Traffic to Install Signal

Summer Peak Vehicles per Hour
• **Beach Channel Dr:**
  1072 AM / 1371 PM
• **Bridge Off Ramp:**
  169 AM / 258 PM
• **Beach 94:**
  29 AM / 46 PM
Solution #1
Reconfigure Traffic to Install Signal

Two-Way Traffic on Beach 94th St
High-Crash Intersection
Solution #1
Reconfigure Traffic to Install Signal

- Actuated Signal for SB Beach 94th St
- Eliminates Service Road Turn Conflicts
- Add Crosswalks
Issue #2
Confusing Connection To Bridge

Existing Condition: Cross Bay Blvd at E 21 Rd
Issue #2
Confusing Connection To Bridge

- W 20 Rd
- E 20 Rd
- Cross Bay Blvd
- E 21 Rd

To Bike/Ped Bridge Path
Solution #2
Create Broad Channel Gateway

- A protected path permits crossing at a signal.
- Preserves parking/roadway capacity.

Locations:
- W 20 Rd
- E 20 Rd
- Cross Bay Blvd
- E 21 Rd

Paths:
- To Bike/Ped Bridge Path
Solution #2
Create Broad Channel Gateway
Issue #3
Gap in Jamaica Bay Greenway Loop

No north-south bicycle route to Shore Front Pkwy/Rockaway Beach

Existing Condition: Shore Front Pkwy at Beach 94th St, facing west
Issue #3
Gap in Jamaica Bay Greenway Loop

18-Mile Loop

Missing Connection (0.3 miles)
Issue #3

Gap in Jamaica Bay Greenway Loop

Beach 94th St designed as important entrance to Rockaway Beach
Solution #3
Create Bay to Beach Connection

Beach 94th St @ Rockaway Fwy, facing beach

- Safe, low-stress path
- +/- 50 spaces
- Add turn lane
Solution #3
Create Bay to Beach Connection
# Summary of Solutions

## Cross Bay Bridge Safety Improvements

1. **Reconfigure Traffic to Install Signal**
   B 94th + Beach Channel Dr

2. **Create Broad Channel Gateway**
   Cross Bay Bridge Ramp

3. **Create Bay to Beach Connection**
   Bridge to Beach Gateway
Cross Bay Bridge Connector

Thank You!

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