BEACH 108TH ST
CAPITAL RECONSTRUCTION
Presentation to Community Board 14
January 16, 2019
AGENDA

1. Project Background
2. Project Goals
3. Summary of Feedback Session
4. Project Proposal
   1. Geometry
   2. Landscape and Street Furnishings
5. Project Timeline
Project Background
Rockaway West NY Rising report identified Beach 108th St as a key economic development and infrastructure project. DOT/DDC will be reconstructing Beach 108th St between Beach Channel Drive and Shore Front Parkway.
PROJECT FUNDING

$16.9 million project
$3.8 million in city funds
$13.1 million in federal HUD funding
BACKGROUND

- Requests from community for left turn bays and phases at Rockaway Beach Blvd and Beach 108th St (bays added)
- Requests from community for reconstructed sidewalks to ferry (mostly completed)
- Area-wide requests for angled parking
- Ferry launched in May 2017
- 2 Motorist KSI’s (killed or severely injured) occurred at Rockaway Freeway

**Beach 108th St (Beach Ch. Dr. to Shore Front Pkwy), QN**
Injury Summary, 2012-2016 (5 years)

<table>
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<tr>
<th></th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
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<tbody>
<tr>
<td>Pedestrian</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Bicyclists</td>
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<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Motor Vehicle Occupant</td>
<td>21</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>26</td>
<td>2</td>
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<td>2</td>
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</tbody>
</table>
EXISTING CONDITIONS

- Roadway varies in width and alignment
- Southbound: one consistent thru lane
- Northbound: one thru lane, widening to two past Rockaway Beach Blvd
- NB left turn lane at Rockaway Fwy, left turn bays at Rockaway Beach Blvd
- Buffered bike lanes connecting to Rockaway Beach Blvd lanes and Shore Front Pkwy path
- Parking on majority of medians with excess channelization
Project Goals
Goal: Improve Pedestrian Accessibility and Safety to Ferry and Boardwalk

- Limited sidewalk space during peak season
- High pedestrian volumes on west side of street with narrow sidewalks
VEHICLES

Goal: Improve roadway alignment and vehicular operations

- Street profile narrows north of Rockaway Beach Blvd
- Offset alignment and skewed intersection with no left turn phases at Rockaway Beach Blvd creates conflicts between turning vehicles

Goal: Maintain or add parking along project corridor

- High parking demand area
BICYCLES

Goal: Improve bicycle access to ferry and boardwalk

• Existing bike lane on one block of Beach 108th St does not connect to ferry
• Current buffered lanes have frequent double parking
GOALS SUMMARY

1. Improve pedestrian access
2. Improve roadway alignment
3. Improve vehicular operations
4. Maintain or add parking
5. Improve bicycle access
6. Maintain Landscaping
Summary from Feedback Session
MAJOR COMMENTS

1. Maintain access to Rockaway Beach Drive
2. Maintain parking on northern median for ferry access
3. Improve pedestrian crossings at Beach Channel Drive

Comments heard but unable to be addressed

1. Discourage beachgoers from using western, residential sidewalk
   Response: Difficult to prevent pedestrians from using shortest path
Project Proposal
1. Geometry
2. Landscaping and Street Furnishings
1. Construct “Top-of-the-T” curb extension (part of Beach Channel Dr. Capital Project)
2. Add two-way bike path with tree plantings on median
3. Maintain two lanes at intersection approach
4. Reconstruct sidewalks (14’ on the west, 12’ on the east)
5. Add protected left turn phase for Beach 108th St
1. Flip parking to east side of median south of turn bay
2. Add median, two-way bike path with tree plantings
3. Maintain one southbound travel lane
4. Reconstruct sidewalks (14’ on the west, 12’ on the east)
1. Add parking on Rockaway Freeway west and east of Beach 108th St
2. Add protected left turn phase for northbound Beach 108th St
3. Ban southbound left turn to Rockaway Freeway (0-5 cars in peak hours)
4. Construct curb extension on NE corner
5. Reconstruct sidewalks (15’ on both sides of Beach 108th St)
1. Pull back median on Rockaway Beach Blvd, creating left turn bay
2. Construct bus bulb on NE corner at existing bus stop with red bus queue jump/right turn lane
3. Add dual, protected left turn phase for Beach 108th St
4. Convert east side of Beach 108th St to back in angled parking
5. Maintain access to Rockaway Beach Dr
1. Restore parking to Shore Front Parkway by rerouting bike path
2. Add new sidewalk and crossing across median at Shore Front Parkway
3. Connect bike path to boardwalk through median
4. Construct curb extension on NE corner
5. Add new crossings to boardwalk stairs
6. Reconstruct and widen west sidewalk, maintaining tree lawn (20’)

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LANDSCAPE AND STREET FURNISHINGS

1. Add street trees to median wherever possible
2. Add street trees in front of DEP facility
3. Add street trees and benches at new bus bulb and widened sidewalk on NE corner of Beach 108th St and Rockaway Beach Blvd
4. Add pedestrian scale lighting to median
5. Improve lighting under MTA structure
1. Add street trees to median wherever possible
2. Replace missing trees on east and west tree lawns
3. Maintain community planting spaces at Rockaway Beach Blvd and reinstall “Welcome” sign following construction
4. Add plantings along bike path in Shore Front Pkwy median
5. No changes to circular planting area in Shore Front Pkwy median
LANDSCAPE AND STREET FURNISHINGS

Section A looking south

1. ‘Flatbush Ave’ decorative street lights (used on Beach 116th St)
2. ‘Flushing Meadows’ decorative pedestrian light

Section B looking south

1. ‘Flatbush Ave’ decorative street lights (used on Beach 116th St)
2. ‘Flushing Meadows’ decorative pedestrian light
PROPOSAL SUMMARY

• Consistent road profile
• Increased tree coverage
• Added parking (20-24 new spaces)
• New left turn phases to improve safety and processing
• Dedicated space for cyclists
• Improved pedestrian access to ferry landing through wider sidewalks and shorter crossings
PROJECT TIMELINE

Conceptual Design
Community Outreach Presentation (2/28/18)
Preliminary Design
Community Outreach Presentation (1/16/19)
Design Completion (June 2019)
Construction Start (Spring/Summer 2020)
Construction Duration (24 Months)
THANK YOU!

Questions?