SHORE FRONT PARKWAY

Presentation to Community Board 14

April 19th, 2017
PRESENTATION OUTLINE

1. Project Background
2. Corridor Wide Proposal
3. Focus Intersection Proposals
Project Background
PROJECT BACKGROUND

- Request from community for pedestrian access to Boardwalk at Beach 102nd Lane
- General corridor improvements requests from area Civics (Rockaway Beach Civic Association, Rockaway Civic Association, and Rockaway Tower Association)
- Workshop hosted by Councilmember Ulrich on November 14th, 2016 to gather ideas and document issues
- Met with Councilmember Ulrich’s staff and local civics on January 11th to summarize the workshop and identify areas of focus
- Meeting with Civic Association on April 18th.
AREA BACKGROUND

• Shore Front Parkway separates the residential community from their primary park and recreation area
• Surrounding area has a high concentration of seniors and adults with disabilities
• Boardwalk reconstruction after Sandy needed to be completed quickly and was rebuilt in kind instead of a complete reimagining of street
PROJECT AREA DATA

- Peak midday, summer vehicular volumes at 94th-95th St: 400 vehicles per direction
  (One moving lane can accommodate approximately 500 cars an hour)

- Speed study found excessive speeding in both directions
  (Study conducted in February at Beach 81st St)

- Average Speed:
  - WB – 31.8 MPH
  - EB – 37.3 MPH

- Percent above Speed Limit:
  - WB – 95.0%
  - EB – 98.3%
PROJECT AREA
Shore Front Parkway – Beach 108th St to Beach 73rd St
19 Beach entrances along the corridor
Shore Front Parkway

9 entrances have no controls or crosswalks
Community members broke out into groups and identified areas that could be improved and suggested changes that they wanted to see on the corridor.
WORKSHOP FEEDBACK

Issues (Bolded issues were identified multiple times)

Parking
• Add parking on the south side
• Add metered parking on the south side
• Add angled parking at bus shelters on south side
• Daylight parking at building entrances to increase visibility

Vehicles
• Align and formalize median openings
• Time signals for 25MPH to reduce speeding
• Replace channelization by widening medians

Bikes
• Add on-street bike lane
  • Parking Protected
  • Jersey Barriers
• No bike lane needed as lane exists on boardwalk

Pedestrians
• Pedestrian crossing time is too short
• Add pedestrian ramps for beach access
• Add new crossings
• Discontinuous sidewalk on beach side

Maintenance
• Pavement in poor condition
• Medians in poor condition
• Keep bus shelter, waves

NYPD
• Address speeding issue
• Double parking
• Illegal parking in No Standing Anytime zones on north side decreases visibility

DPR/DEP
• Landscape and beautify medians
• Mitigate stormwater/improve drainage
HOW TO ADD CROSSINGS?

Controls

• Crossings are typically added at Signals and Stop Signs (Control)
• Installation of both signals and stops signs is determined by a warrant system
  • Traffic Volumes
  • Gap analysis
  • Crashes
• Many intersections on Shore Front Parkway have been recently studied and controls were denied

Enhanced Crossings

Marked crosswalks with pedestrian sign where vehicles must yield to pedestrians in the crosswalk
• Low volume streets
• One lane in each direction
• Additional traffic calming necessary where speeding exists
TOOLKIT

Painted Sidewalk Extensions

Concrete Median Work and Pedestrian Ramps
Corridor Wide Proposal
CORRIDOR WIDE MARKINGS CHANGES
Shore Front Parkway

Existing Configuration

- Overly wide street encourages speeding

Proposed Configuration
CORRIDOR WIDE BENEFITS
Shore Front Parkway

Parking narrows wide roadway and calms traffic

Metering reduces parking related traffic congestion

Widen medians into buffer at key locations to calm traffic

Two-way bike lane is accommodated in unused space

Proposed Meter Regulation:
Active May-Sept with free overnight and off season hours

Exact regulation to be determined
LAY-BY CHANGES
Shore Front Parkway

Existing Configuration

- Painted space increases pedestrian area and allows for safer loading and unloading
- No Parking Anytime loading areas reduce congestion from loading/unloading in the moving lane

Proposed Configuration
Focus Intersections Proposal
Workshop groups identified locations for new crossings, improvements for existing crossings, and medians that should be realigned.
EXISTING CONDITIONS – BEACH 102ND LANE
Shore Front Parkway

Gap in median does not align with driveway, drivers drive against traffic to use gap in median

No crossing or pedestrian ramp at beach entrance
**BEACH 102ND LANE**

Shore Front Parkway

- **Existing**
- **Proposed**

- Add Enhanced Crossing and construct ramp at beach entrance
- Realign median with driveway
EXISTING CONDITIONS – BEACH 96TH ST

Shore Front Parkway

High volume of pedestrians crossing to beach with no crosswalks
BEACH 96TH ST
Shore Front Parkway

Mark Enhanced Crossing and construct pedestrian ramps

Existing

Proposed
EXISTING CONDITIONS – BEACH 95TH AND 94TH ST
Shore Front Parkway

Medians in poor condition and not ADA accessible
EXISTING CONDITIONS – BEACH 94\textsuperscript{TH} AND 95\textsuperscript{TH} ST

Shore Front Parkway

- Medians in poor condition without ramps
- High right turn volume with no right turn bay
- Wide radius corner encourages high speed turns

Existing
PROPOSED CONDITIONS – BEACH 94TH AND 95TH ST
Shore Front Parkway

- Paint curb extension to slow turns
- Narrow median to accommodate left turn and thru lane
- Mark right turn bay
- Add ADA ramps on all three medians
**BEACH 81ST ST**
Shore Front Parkway

- Median opening does not align with street grid
- No crossing to beach entrance and ball courts

**Existing**

**Proposed**

- Realign Median
- Mark Enhanced Crossing and construct pedestrian ramps
- Daylight 4 spots to accommodate FDNY
PROPOSAL BENEFITS

- Calmed corridor for all users
- Improved vehicular access to street grid and building entrances
- Additional crossings to beach entrances
- Shorter pedestrian crossings
- Improved ADA access
- Bike path provides alternative to busy boardwalk and improved local access
- Loading zones reduce double parking in moving lanes
PROPOSAL SUMMARY

• Realign median at Beach 102\textsuperscript{nd} Lane and Beach 81\textsuperscript{st} St
• Add Enhanced Crossings at Beach 102\textsuperscript{nd} Lane, Beach 96\textsuperscript{th} St and Beach 81\textsuperscript{st} St
• Add painted pedestrian areas at five locations along the corridor
• Add right turn bays for westbound Shore Front Pkwy at Beach 94\textsuperscript{th} St, 102\textsuperscript{nd} St, and 105\textsuperscript{th} St
• Add 15 loading zones along the corridor
• Install painted curb extension at Beach 95\textsuperscript{th} St
• Reconstruct and narrow median between Beach 95\textsuperscript{th} St and 94\textsuperscript{th} St
• Add two-way parking protected bike lane on south curb
• Add metered, floating parking on south curb (approx. 180 spaces)
• Daylight 4 spots at 81\textsuperscript{st} St to facilitate FDNY vehicles
THANK YOU!