SHORE FRONT PARKWAY

Presentation to Community Board 14 Transportation Committee

May 3rd, 2017
PRESENTATION OUTLINE

1. Project Background
2. Corridor Wide Markings Proposal
3. Parking Options For Discussion
4. Focus Intersection Proposals
Project Background
PROJECT BACKGROUND

- Request from community for pedestrian access to Boardwalk at Beach 102\textsuperscript{nd} Lane
- General corridor improvements requests from area Civics
- Workshop hosted by Councilmember Ulrich on November 14\textsuperscript{th}, 2016 to gather ideas and document issues
- Met with Councilmember Ulrich’s staff and local civics on January 11\textsuperscript{th} to summarize the workshop and identify areas of focus
- Meeting with Civic Association on April 18\textsuperscript{th}
- Presentation to Community Board 14 April 19\textsuperscript{th}
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 collected in August 2016 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

9 entrances have no controls or crosswalks

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<td><strong>2</strong></td>
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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 with Granite Blocks

Concrete Median Work and Pedestrian Ramps
Corridor Wide Markings Proposal
CORRIDOR WIDE PROPOSAL
Shore Front Parkway

Existing Configuration

Overly wide street encourages speeding

Proposed Configuration
CORRIDOR WIDE BENEFITS

Shore Front Parkway

- Two-way bike lane is accommodated in unused space.
- Widen medians into buffer at key locations to calm traffic.
- Painted pedestrian spaces to shorten crossings at key locations and add granite blocks to decrease speeding.
MARKINGS PROPOSAL
Shore Front Parkway

Existing Configuration

Proposed Configuration

Channelization reserving space for future improvements
Parking Options For Discussion
PARKING REGULATIONS

Original Proposal: 1 HR metered parking May-Sept with free overnight hours

Parking allowed except weekends or holidays May-Sept

Overnight parking only

Change existing “No Stopping Anytime” to “No Standing Anytime”, to allow for loading

Larger Scale Parking Changes

No Parking Changes
PARKING LOCATIONS

Additional Options

16 Loading zones along corridor

Loading zones along remainder of corridor

Parking only where space is available to pass

Option 1

Option 2
PERCENTAGE OF CORRIDOR ALLOWING PARKING

Additional Options

Option 1 – 180 Spots
44% of Corridor allows parking
66% of corridor is No Standing/Loading

Option 2 – 60 Spots
16% of Corridor allows parking
84% of corridor is No Standing/Loading
Focus Intersections Proposal
LOCATIONS OF PROPOSED TARGETED IMPROVEMENTS
Shore Front Parkway

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

WB Traffic
BEACH 102ND LANE
Shore Front Parkway

- **Existing**
  - SHORE FRONT PKWY
  - Beach Front Parkway
  - Boardwalk

- **Proposed**
  - SHORE FRONT PKWY
  - Beach Front Parkway
  - Boardwalk

**Changes:**
- 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

Existing

Proposed

Mark Enhanced Crossing and construct pedestrian ramps
EXISTING CONDITIONS – BEACH 95TH AND 94TH ST

Shore Front Parkway

Medians in poor condition and not ADA accessible
EXISTING CONDITIONS – BEACH 94TH AND 95TH 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
PROPOSED CONDITIONS – BEACH 94TH AND 95TH ST

Shore Front Parkway

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

No crossing to beach entrance and ball courts

Median opening does not align with street grid

Daylight 4 spots to accommodate FDNY

Realign Median

Mark Enhanced Crossing and construct pedestrian ramps

Existing

Proposed

nyc.gov/dot
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 TIMELINE

Obtain Community Board approval
Install markings
Complete concrete work
Conduct speed study once construction is complete
If speeding has NOT reduced
Investigate additional traffic calming to reduce speeding
If speeding HAS reduced
Install Enhanced Crosswalks
PROPOSAL SUMMARY

• Realign median at Beach 102<sup>nd</sup> Lane and Beach 81<sup>st</sup> St
• Add Enhanced Crossings at Beach 102<sup>nd</sup> Lane, Beach 96<sup>th</sup> St and Beach 81<sup>st</sup> St
• Add painted pedestrian areas at five locations along the corridor
• Add right turn bays for westbound Shore Front Pkwy at Beach 94<sup>th</sup> St, 102<sup>nd</sup> St, and 105<sup>th</sup> St
• Add loading zone on south side of street to reduce loading related congestion
• Install painted curb extension at Beach 95<sup>th</sup> St
• Reconstruct and narrow median between Beach 95<sup>th</sup> St and 94<sup>th</sup> St
• Add two-way parking protected bike lane on south curb
• Daylight 4 spots at 81<sup>st</sup> St to facilitate FDNY vehicles
THANK YOU!