8TH STREET
BICYCLE LANE

New York City Department of Transportation

Presented by the Bicycle and Greenway Program on September 8, 2016 to Manhattan Community Board 2
(1) Background
- Pedestrian Safety Project
- Bicycle Network Improvements
- Success of Citi Bike

(2) Project Proposal
- Existing Conditions
- Proposed Design

(3) Summary
(1) Background

PEDESTRIAN SAFETY PROJECT – Implemented 2015

Washington Square Park

Astor Place

6th Ave

Greenwich Ave

8th St

6th to Lafayette St

October 2016

Opportunity to Re-examine corridor

8th St Resurfacing

Washington Square Park

Broadway

Lafayette St

Astor Place
(1) Background

PEDESTRIAN SAFETY PROJECT – Preliminary Results

8th Street with 1 year of After Data: Before and After

Crashes w/ Injuries

<table>
<thead>
<tr>
<th></th>
<th>Before (3 year average)</th>
<th>After (1 year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Injury Crashes</td>
<td>14</td>
<td>10</td>
</tr>
<tr>
<td>Crashes w/ Injuries</td>
<td>43</td>
<td>49</td>
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</tbody>
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Each before year period is the 12-month period beginning May 1 and ending April 30. The 1 yr after period is August 1, 2015 to July 31, 2016. The implementation period of May 1, 2015 to July 31, 2015 is excluded.

Source: NYPD AIS/TAMS Crash Database
(1) Background

BICYCLE NETWORK IMPROVEMENTS

Greenwich Ave/8th Street provides important connection from Hudson St to Astor Pl
(Greenwich Ave Bike Improvements Under Investigation)

8th St Bike Counts
583 - weekday
843 - weekend
(12-hr counts conducted in August 2016)

Astor Place Reconstruction to be completed Fall 2016

Access to Citi Bike and Subway

Recent Projects
• 4th Ave/Lafayette St
• 6th Ave
• Union Square

LEGEND
- Proposed Bicycle Route
- Existing Bicycle Facilities
  - Protected Bicycle Path
  - Bicycle Lane
  - Shared Lane
  - Signed Route
SUCCESS OF CITI BIKE

Citi Bike has improved mobility in CB 2

January – March 2016:
292,892 trips started in CB 2
300,507 trips ended in CB 2
EXISTING CONDITIONS – 8th St (6th Ave to Broadway)
PROPOSED DESIGN – 8th St (6th Ave to Broadway)

Bicycle Lane

- Proposed design
  - 9’ Parking Lane
  - 11’ Travel Lane
  - 5’ Shoulder
  - 10’ Parking Lane

- Dimensions: 35’
Curb Extensions at key locations

EXISTING CONDITIONS – 8th St (6th Ave to Broadway)
Curb Extensions Maintained (with minor geometric adjustments)
(2) Proposal

EXISTING CONDITIONS – 8th St (Broadway to Lafayette St)

Roadway narrows

Existing

South Sidewalk

30’
Combined Bus Stop/Travel / Parking Lane

30’

North Sidewalk
Bike Lane
Completes connection to Astor Pl

PROPOSED DESIGN – 8th St (Broadway to Lafayette St)
(3) Summary

PROPOSED DESIGN

• Roadway will be resurfaced in October

• Creates opportunity to upgrade wide parking lane to bike lane
  • Provides clear dedicated space for cyclists
  • Complements neighborhood network expansion
  • Accommodates growing number of cyclists
  • Improves access to newly reconstructed Astor Place

• Maintains existing pedestrian improvements and vehicular mobility
THANK YOU!

Questions?