PARK ROW AND BROADWAY

Presentation to Community Board 1
Land Use, Zoning & Economic Development Committee
November 13th, 2017
Project Background
- Multiple, nearby pedestrian generators: Woolworth Building, City Hall Park, World Trade Center, Brooklyn Bridge

- Express busses pickup and drop off on Broadway

- 8 Subway Stations within a 5 min walk from intersection
SAFETY DATA

- 12 pedestrian injuries and one pedestrian KSI (killed or severely injured)
- One motorist KSI

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
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<tr>
<td>Pedestrian</td>
<td>12</td>
<td>1</td>
<td>0</td>
<td>1</td>
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<tr>
<td>Bicyclists</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Motor Vehicle Occupant</td>
<td>21</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>36</strong></td>
<td><strong>2</strong></td>
<td><strong>0</strong></td>
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Existing Conditions
EXISTING CONDITIONS – LONG, SKEWED CROSSINGS

68’

84’
EXISTING CONDITIONS – UNCLEAR LANE DESIGNATIONS

Two thru lanes merge to one receiving lane

Low volume left turn with two left turn lanes
EXISTING CONDITIONS – HEAVY TURNS

Heavy left turn to Park Row/Bridge
EXISTING CONDITIONS – BARCLAY AND CHURCH ST

One lane for thru and turning vehicles

High pedestrian volumes cause queuing for turning vehicles
Proposal
PROPOSAL

1. Paint Curb Extension on Northeast corner
2. Construct Concrete Island
3. Modify Lane Configurations
PROPOSAL – SHORTER CROSSINGS

Shorter, direct, two-part crossings

- 45'
- 46'
- 48'
- 30'
- 24'
Island creates slip lane for dedicated turn to Park Row

Install one thru and one left turn lane, clarifying vehicular movements
Install one thru and one right turn lane, clarifying vehicular movements and allowing cars to better yield to pedestrians by removing back pressure.
PROPOSAL SUMMARY

- Paint Curb Extension at Barclay St
- Construct Concrete Island at Vesey St
- Create slip lane from Broadway to Park Row
- Install one thru lane and one left turn lane for westbound Park Row approaching Broadway
- Install one thru lane and one right turn lane approaching Church St

Benefits
- Shorter, more direct crossings
- Reduced pedestrian and vehicular conflicts
- Clear vehicular movements
THANK YOU!

Questions?