Park Ave 96th-111th Sts
Corridor Safety Improvements

Commissioner Polly Trottenberg  New York City Department of Transportation
Presented by Traffic and Planning on March 4, 2014 to Community Board 11 Transportation Committee
School Safety (PS-72) capital project completed in 2009 at 104th and 105th Sts: concrete neckdowns and pedestrian signals

CM Mark-Viverito and CB 11 requested pedestrian safety improvements

Pedestrian fatality at 102nd St in November 2013

Safety Data

<table>
<thead>
<tr>
<th>Project</th>
<th>Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>38</td>
<td>6</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>15</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>208</td>
<td>12</td>
<td>0</td>
<td>12</td>
</tr>
<tr>
<td>Total</td>
<td>261</td>
<td>19</td>
<td>0</td>
<td>19</td>
</tr>
</tbody>
</table>

Fatalities, 01/01/2007-1/13/2014: 3

Source: Fatalities: NYCDOT Injuries: NYSDOT KSI: Persons Killed or Severely Injured
Existing Conditions and Issues – 96th St

Wide pedestrian crossings

Unclear lane transitions

96th St Existing Conditions
Existing Issues - Viaduct

- Dark pedestrian tunnels
- Pedestrian signals on opposite side of tunnel
- No visibility of on-coming traffic from viaduct
Existing Issues - Viaduct

Wide crossings at cross-streets

Wide travel lanes inside tunnels
Existing Conditions - Viaduct

Examples: one-way cross street at 102\textsuperscript{nd} St

Only two-way cross street at 106th St
Proposed Plan – 96th St

- Painted neckdowns
- NB left turn bay
Proposed Plan - Viaduct

- Concrete neckdown at 102nd St
- Neckdowns along viaduct
- LED lighting installed in pedestrian tunnels
- Mid-tunnel channelization
- Increased “red phase” for east-west in signal
- Concrete and pedestrian signals to be applied at 103rd, 107-111th Sts in 2015
Benefits

1. Shortened crossings
2. Improved pedestrian visibility
3. Traffic calming
4. Improved pedestrian lighting

Example: existing neckdown at 104th St.
Park Ave and 125th St
Park Ave and 125th St

Existing

Proposed

Painted neckdowns

11'

6'

19'

18'

5'

15'

19'
1. Shortened crossings
2. Improved pedestrian visibility
3. Traffic calming

Maintenance Partnership with NHEMA