Sherman Creek – Inwood
Safety Improvements

Commissioner Janette Sadik-Khan  New York City Department of Transportation
Presented to Community Board 12 by the Pedestrian Projects Group, May 2, 2011
+ Additions at 10th Avenue/Broadway + W. 218th Street based upon community input
2011 Intersections

Eight Intersections:
1. Nagle Ave & Dyckman St
2. 10th Ave at W 201st & W.202nd Sts
3. 10th Ave & Nagle Ave
4. 10th Ave & W 207th St
5. W 207th St & 9th Ave
6. Broadway & 207th St
7. W 215th St at Broadway & 10th Aves
8. 10th Ave/Broadway & W.218th St
### Crashes
Recent Three Years (3/2008-3/2011)

**Source:** NYPD

<table>
<thead>
<tr>
<th>Location</th>
<th>Pedestrian Injuries</th>
<th>Bicyclist Injuries</th>
<th>Motor Vehicle Occ. Injuries</th>
<th>Total Crashes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Nagle Ave and Dyckman St</td>
<td>11</td>
<td>3</td>
<td>30</td>
<td>98</td>
</tr>
<tr>
<td>2 10th Ave and W.201st St &amp; W.202nd St</td>
<td>3</td>
<td>0</td>
<td>6</td>
<td>24</td>
</tr>
<tr>
<td>3 10th Ave and Nagle Ave at W.204th - W.206th St</td>
<td>6</td>
<td>1</td>
<td>12</td>
<td>66</td>
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<tr>
<td>4 10th Ave and W.207th St</td>
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<td>0</td>
<td>12</td>
<td>85</td>
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<tr>
<td>5 9th Ave and W.207th St</td>
<td>2</td>
<td>0</td>
<td>22</td>
<td>116</td>
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<tr>
<td>6 Broadway and West 207th St</td>
<td>7</td>
<td>0</td>
<td>9</td>
<td>21</td>
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<tr>
<td>7 W.215th St at Broadway and 10th Ave</td>
<td>3</td>
<td>0</td>
<td>8</td>
<td>33</td>
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<tr>
<td>8 10th Ave and W.218th St</td>
<td>4</td>
<td>0</td>
<td>12</td>
<td>46</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>47</strong></td>
<td><strong>4</strong></td>
<td><strong>111</strong></td>
<td><strong>489</strong></td>
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</tbody>
</table>
• Pavement Markings
• Signal Timing
• New Signage
• Painted and/or Textured Surfaces
• Concrete Islands
• Flexible Delineators
1. Nagle Ave & Dyckman St

Injuries:
- 11 Pedestrians
- 3 Cyclists
- 30 Vehicle Occupants

Total Crashes: 98
Pedestrian access to the subway challenging

Unpredictable vehicle movements

1. Nagle Ave & Dyckman St
1. Nagle Ave & Dyckman St

Existing

Proposed

Subway Entrance
Clarifies movements

Improves pedestrian access & safety

Proposed Left-turn Ban

Existing Left Turn Volumes AM/MD/PM Peak Hours 20/30/55 Vehicles

New Concrete

Surface coloring w/flexible delineators

1. Nagle Ave & Dyckman St
2. 10th Ave & W 201st + 202nd Streets

Skewed intersection allows high speed turns

Four lanes of 10th Ave to cross

Injuries:
- 3 Pedestrians
- 6 Vehicle Occupants

Total Crashes: 24
2. 10th Ave & W 201st + 202nd Streets

- Traffic needs 3 lanes, 4th removed for pedestrian safety
- Turn lanes improve traffic flow
- Right-angle slows southbound left-turns
- Skewed intersection allows high speed turns

Four lanes of 10th Ave to cross

Existing

Proposed
3. 10th & Nagle Aves

Injuries:
- 6 Pedestrians
- 1 Cyclist
- 12 Vehicle Occupants

Total Crashes: 66
3. 10th & Nagle Aves

Chaotic merge & traffic blocked by double parked vehicles
3. 10th & Nagle Aves

- **Existing**
  - Confusing merge

- **Proposed**
  - New markings clarify merge to Nagle Ave
  - New hi-viz column markings
  - New left turn bay
4. 10th Ave & W. 207th St

Injuries:
11 Pedestrians
12 Vehicle Occupants
Total Crashes: 85

Heavy pedestrian volumes
Wide & confusing intersection
Elevated subway columns block visibility
4. 10th Ave & W. 207th St

Existing

Proposed
New road striping clarifies movements.

Southbound Left-turn bans

Post Ave can handle southbound left-turns from 10th Avenue

Existing Volumes
AM/MD/PM Peak Hours
140/75/165 Vehicles

Proposed Left-turn bans

Existing Volumes
AM/MD/PM Peak Hours
0/0/5 Vehicles

10th Ave & W. 207th St

4. 10th Ave & W. 207th St
5. W 207th St & 9th Ave

Injuries:
2 Pedestrians
22 Vehicle Occupants
Total Crashes: 116

Gap in sidewalk
5. W 207th St & 9th Ave

Improved pedestrian connection to bridge

Improved crosswalks and less confusing intersection markings
Existing

- Injuries:
  - 7 Pedestrians
  - 3 Cyclists
  - 9 Vehicle Occupants
- Total Crashes: 21

Proposed

- High visibility crosswalks added
- Left-turn bay clarifies vehicle movements
7. W. 215th St at Broadway and 10th Avenue

Injuries:
3 Pedestrians
8 Vehicle Occupants
Total Crashes: 33

Existing

Left-turn bay clarifies vehicle movements

High visibility crosswalks added + striping around columns

Proposed

Subway Entrances
8. 10th Ave/Broadway & W.218th

Long crosswalk

Narrow cut-thrus on medians

Vehicles stopped on red block access to bus stop island
8. 10th Ave/Broadway & W.218th

- Long crosswalk
- 87'
- 103'
- Narrow cut-thrus

- Vehicles stopped on red block access to bus stop island

- Bus passengers have indirect route to crosswalk
New island and painted sidewalk to bring pedestrians to crosswalk

Install neckdown to shorten crosswalk 8’ + slow right-turns to better enforce “Yield-to Pedestrians in Crosswalks” law

Median cut-thrus added at W. 220th St

Median cut-thrus widened, north island extended south

Existing Turn Bans

New island and painted sidewalk to bring pedestrians to crosswalk

Median cut-thrus - thru added at W. 220th St

W. 218th St

10th Avenue

Broadway
Partially funded - future construction

Plans in Development For September Community Board 12 Meeting

Locations to be built by DDC:

Five Intersections:
1. Broadway at Riverside Drive & Dyckman Street
2. Dyckman Street & Nagle Avenue at Fort George Hill and Hillside Avenue
3. Dyckman Street at 10th Avenue & Harlem River Drive
4. Broadway at Sherman Avenue & Elwood Street
5. Broadway at Nagle & Bennett Avenues