Safe Streets for Seniors
Washington Heights
Community Board 12 - May 7, 2012

Commissioner Janette Sadik-Khan  New York City Department of Transportation
Office of Research, Implementation and Safety
Senior Pedestrians

- 58% decrease in pedestrian fatalities in NYC since 1990
- 12% of the population in NYC are seniors
- 36% of pedestrian fatalities are seniors

Source: 2006-2010 NYCDOT-NYPD Fatality Database; 2010 U.S. Census
• Two major projects within area
  • Broadway, Wadsworth & W173
  • Ft George, St Nick, Audobon & W193

• General improvements throughout area
Project Area: Broadway, Wadsworth & W173rd
Safety Data: Broadway, Wadsworth & W173rd

Total Fatalities 2006-2012

Total (Motor vehicle occupant, bicycle + pedestrian) Injuries 2006-2010

Pedestrian Injuries 2006-2010

Senior Pedestrian Injuries 2006-2010
Need: Why Broadway, Wadsworth & W173rd

- Long crossing distances
  - 1 senior pedestrian fatality crossing Broadway
  - Complicated intersection with multiple legs

Unsafe midblock crossings

Little refuge for pedestrians
Proposal Details

Construct pedestrian safety island in north crosswalk to create more refuge space for safer crossings

Construct curb extension for shorter, safer crossings and to realign intersection, NB Broadway right turn ban
Ban Right Turns from N/B Broadway onto N/B Wadsworth Ave

Volumes: 54 AM 102 PM
Examples of Treatments

Example of proposed tip extension on Southern Blvd at Hunts Point Ave, Bronx

Example of proposed large curb extension on Empire Blvd at Flatbush Ave, Brooklyn
Project Area:
Ft George, St Nick, Audobon & W193rd St
Safety Data: Ft George, St Nick, Audobon & W193rd St

Total (Motor vehicle occupant, bicycle + pedestrian) Injuries 2006-2010

Pedestrian Injuries 2006-2010
Need: Why
Ft George, St Nick, Audobon & W193rd St

Unorganized and unsafe traffic movements

Long crossing distances

Wide roadway used for u-turns

Faded markings
**Existing Signal Timing:**

- **S/B Ft George Hill:** 30 Seconds
- **S/B Fairview + N/B St Nick:** 25 Seconds
- **N/B St Nick:** 35 Seconds

**Proposed Signal Timing**

- **S/B Ft George Hill:** 43 Seconds
- **S/B Fairview + N/B St Nick:** 47 Seconds
Proposal Details

Install dual through lane designation markings, channelization and truffle paint on St Nicholas to organize traffic flow

Upgrade substandard refuge island for safer crossings

Construct pedestrian safety island to create more refuge space and safer crossings
Alternative Routes for Ft George Ave

Ban Left Turns from S/B St. Nick onto N/B Ft. George Ave

Volumes: 176 AM 117 PM

OPTION 1:

OPTION 2:
Alternative Routes for Wadsworth Ave

Ban Left Turns from Wadsworth Ave on N/B St Nick

Volumes: 29 AM 60 PM

OPTION 1:

OPTION 2:

OPTION 3:
Proposal Details

Install flush center painted median along Ft George Ave with 13-ft parking lane stripe to calm traffic

Create pedestrian space with additional parking along Ft George Ave to normalize intersection
Throughout the Site:

- Upgrade crosswalks to high visibility crosswalks
- Install pedestrian countdown signals
- Reconstruct broken pedestrian ramps
Signal Timing Improvements

- 1 new signal installed
- All signals in area were modified to accommodate slower walking speeds

<table>
<thead>
<tr>
<th>Location</th>
<th>Total Number of Existing Signals in Site</th>
<th>Number of Signals with More Crossing Time</th>
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</thead>
<tbody>
<tr>
<td>Ft Washington Ave</td>
<td>6</td>
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</tr>
<tr>
<td>Broadway</td>
<td>16</td>
<td>11</td>
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<tr>
<td>St Nicholas Ave</td>
<td>19</td>
<td>15</td>
</tr>
<tr>
<td>Audobon Ave</td>
<td>15</td>
<td>2</td>
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<td>Wadsworth Ave</td>
<td>16</td>
<td>11</td>
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<tr>
<td>Nagle Ave</td>
<td>4</td>
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</tbody>
</table>
Possible CityBench Locations

Potential CityBench sites in front of senior/community centers

* YMWA-of Wash Heights/Inwood Senior Center (Nagle Ave btwn Broadway and Ellwood St)

* Wash Heights Com Service Inc (also St Elizabeth's Church at Wadsworth between 186 and 187 St)

Many potential CityBench sites along M100 bus line on Broadway

* Broadway at W 190th St

* Broadway at Fairview
Questions?

Thank You

Contact: Manhattan Borough Commissioner’s Office at (212) 839-6210