Bartow Avenue & Baychester Avenue
High Pedestrian Crash Location
Community Board 10 – September 13, 2011

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

- High crash intersection
- NYPD APL requests from elected officials for improvements
- Previous Thruway Authority/NYSDOT project
- Includes exit ramp from N/B New England Thruway
- Heavy mall vehicular and pedestrian traffic
- Unused S/B roadbed on Baychester Avenue
Existing Conditions

- Local truck route on both Bartow and Baychester Aves, through route on New England Thruway exit ramp
- Bx12 (SBS), Bx26, Bx28, Bx38, BxM7, QBx1 bus routes
- Gun Hill Rd #5 subway station nearby

### Baychester Avenue At Bartow Avenue, BX

**Injury Summary, 2005-2009**

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>Avg Inj/Yr</th>
<th>Severity Percentile of Boro Intersections</th>
<th>Serious Inj/Yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>14</td>
<td>2.8</td>
<td>98%</td>
<td>0.16</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>1</td>
<td>0.2</td>
<td>N/A</td>
<td>0</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>112</td>
<td>22.4</td>
<td>99%</td>
<td>0.28</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>127</strong></td>
<td><strong>25.4</strong></td>
<td><strong>99%</strong></td>
<td><strong>0.45</strong></td>
</tr>
</tbody>
</table>

**Fatalities, 2005 - present:** 0
- Pedestrian: 0
- Bicyclist: 0
- Motor Vehicle Occupant: 0

Percentile of Borough Corridors: Percent of intersections in the same borough with fewer crashes, after accounting for severity of crashes.

**Ranks in 99th Percentile for pedestrian crashes in the Bronx**
Need: Why Bartow & Baychester?

- Long crossing distances
- Multiple pedestrian/vehicle conflict points
  - Heavy vehicular turn volumes
  - No crosswalks for Thruway exit bus stop
  - Unsafe midblock crossings
- Unused roadbed
Proposal Details

- Construct bus stop island at S/B Baychester Ave
- Install pedestrian fencing on Baychester Ave median
- Add planters, curb and fencing to unused road space
- Install high visibility crosswalks
- Install crosswalks and stop signs at mall entrances/exits
Proposal Details

- Remove Jersey Barriers
- Install channelization to narrow moving lanes
- Install Pedestrian island with trees on Baychester Ave in existing left turn bay
- Shave median to accommodate new dual left turns
- Install channelization to narrow moving lanes
- Install high visibility crosswalks
- Add two left turn lanes on N/B Baychester Ave approaching Bartow Ave to reduce congestion
Benefits of Proposal

- Creates safer pedestrian crossings
- Discourages mid-block crossings and crossing against signal
- Better organizes and manages traffic and pedestrian flow
- Simpler, safer left turns

Existing Conditions
Questions?

Thank You

Contact:
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