Hylan Boulevard & Steuben Street
High Pedestrian Crash Location
Community Board 2

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

- High crash intersection ranking in the 99th percentile in Staten Island

- Two left-turning fatalities from EB Hylan Blvd onto NB Steuben St in August and November 2010

- Request from Borough President Molinaro and Council Member Oddo for intersection improvements
Need: Why Hylan & Steuben?

- Multi-lane roadway with high vehicular volumes
- Skewed intersection with heavy left turn volumes
- Multiple bus routes along Hylan Blvd
- Mixture of commercial and residential land uses

Ranks in 99th Percentile for pedestrian crashes

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>Avg Inj/Yr</th>
<th>Severity Percentile of Boro Intersections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>Motor Veh Occupant</td>
<td>90</td>
<td>18</td>
<td>99%</td>
</tr>
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<td>90</td>
<td>18</td>
<td>99%</td>
</tr>
</tbody>
</table>

*Source Data: NYS Dept. of Motor Vehicles / NYS Dept. of Transportation*

*Fatalities (2005-Present):*

3 Motor Vehicle Occupants
Need: Why Hylan & Steuben?

- Long crossing distances
- Heavy vehicular volumes with numerous trucks and buses
- Vehicle/pedestrian conflicts due to high number of turns
Signal Timing Changes

Previous Signal Timing:

<table>
<thead>
<tr>
<th>Hylan: 42 seconds</th>
<th>Steuben/Kenn.: 36 Seconds</th>
<th>Hylan/Steuben: 42 Seconds</th>
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</table>

Current Signal Timing:

<table>
<thead>
<tr>
<th>Hylan: 38 seconds</th>
<th>Steuben/Kenn.: 36 Seconds</th>
<th>Hylan/Steuben: 46 Seconds</th>
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</thead>
</table>
Proposal Details

Installed protected left turn phase for E/B Hylan Blvd with dual left turn lanes

Extend median in east crosswalk

Paint NSA channelization on south curb of Hylan Blvd

Extend AM rush hour regulations from 6-9am on south curb of Hylan Blvd
Benefits of Proposal

• Provides protected crosswalk in north leg of intersection
• Creates protected left turn phase for heavy left turn movements
• Provides safer pedestrian crossings
• Better aligns traffic
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