Linden Boulevard
Traffic Calming
Community Board 17 - June 29, 2011

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

- Roadway widens from 1 to 2 lanes each direction east of Brooklyn Ave
- East Flatbush Safe Streets for Seniors pedestrian focus area from E. 45\textsuperscript{th} St to E. 52\textsuperscript{nd} St
- Adjacent to Priority schools PS 135 and St. Catherine Genoa
- Multi-family residential frontage for majority of project area
Project Background

Existing conditions from Bedford Ave to Brooklyn Ave

Existing conditions from Brooklyn Ave to Kings Hwy
Need: Why Linden Boulevard?

- 50’-55’ wide roadway
- High crash corridor
- Faded markings
- Heavy pedestrian volumes and truck/bus traffic

Linden Blvd and E. 51st St, looking east

Linden Blvd and E. 34th St, looking east

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>Avg Inj/Yr</th>
<th>Avg Inj/Mile/Yr</th>
<th>Severity Percentile of Borough Corridors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>187</td>
<td>21.4</td>
<td>11.8</td>
<td>93%</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>25</td>
<td>5</td>
<td>2.7</td>
<td>86%</td>
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<tr>
<td>Motor Vehicle Occupant</td>
<td>1069</td>
<td>217.6</td>
<td>120.9</td>
<td>99%</td>
</tr>
<tr>
<td>Total</td>
<td>1229</td>
<td>244</td>
<td>135.6</td>
<td>93%</td>
</tr>
</tbody>
</table>

Source Data: NYS Dept. of Motor Vehicle

Fatalities (2005-Present): 2 Pedestrians

Ranks in 93rd Percentile for Brooklyn corridors
Project Details

- Remove one through travel lane in each direction from Bedford Ave to Brooklyn Ave
- Install flush center median with turn bays and parking lane stripe from Brooklyn Ave to E. 58th St
- Upgrade crosswalks to high visibility at necessary locations

Linden Blvd and E. 52nd St, looking east
Proposal

Install left turn bays and painted medians

Install wide 11' parking lane stripe

Install wide 9' parking lane stripe

Recommendations from Bedford Ave to Brooklyn Ave

Recommendations from Brooklyn Ave to Kings Hwy
Benefits & Tradeoffs of Proposal

Benefits
• Reduces speeding and calms traffic
• Provides safer pedestrian crossings
• Simpler, safer turns

Tradeoffs
• 5 parking spots on the NE corner of Linden Blvd between E. 57th and E. 58th Streets will be converted to driving lane
Questions?

Thank You

Contact: Rob Viola at rviola@dot.nyc.gov