Linden Blvd: Kings Hwy to Ave D
Corridor Safety Project

New York City Department of Transportation
Presented by the Office of Research, Implementation and Safety
Brooklyn Community Board 16, June 15th 2015
Phase I of Linden Blvd (Kings Hwy to 78 St)
Major east/west corridor in Eastern Brooklyn
Residential, light industrial land use
Heavy vehicle volumes at rush hours
B8 Bus, Local truck route
Vision Zero Priority Corridors

Vision Zero

- Multi-agency effort to reduce traffic fatalities in NYC
- Borough Action Plans released in 2015
- Priority Intersections, Corridors, and Areas identified for each borough
  - Church Ave & Linden Blvd identified as a Priority Intersection for Brooklyn
Safety Data: Project Need

- 58 KSI (persons killed or severely injured)
- 1178 total injury crashes
- 5 Fatalities since 2009

### Injury Summary, 2009-2013 (5 Years)

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>59</td>
<td>9</td>
<td>3</td>
<td>12</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>19</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>1100</td>
<td>43</td>
<td>1</td>
<td>44</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1178</strong></td>
<td><strong>54</strong></td>
<td><strong>4</strong></td>
<td><strong>58</strong></td>
</tr>
</tbody>
</table>

### Map

- **Total Injuries 2009-2013**
- **Fatalities 2009-Present**
- **Kings Hwy**
- **Church Ave**
- **East Flatbush Public Library**
- **Follis Ave**
- **Lett Ave**
- **Mt. Hope Ave**
- **Mother Gaston Blvd**
- **Ave D**
- **Linden Blvd**
- **New Lots Ave**
- **Rockaway Ave**
- **Rockaway Pkwy**
- **Thomas S. Boyland**
- **Tilden Ave**
- **Vassar St**
- **Water St**
- **White Plains Rd**
- **Windsor St**
- **Willoughby Ave**
- **Woodhull Rd**
- **33rd St**
- **41st St**
- **55th St**
- **63rd St**
- **72nd St**
- **85th St**

- **212**
- **125**
- **143**
- **78**
- **157**
- **51**
- **88**
- **105**
- **1**
- **1**
- **1**
- **1**
Outreach - Community Workshops

- Workshops held in February 2015 to get feedback from community on top issues with Linden Blvd

Linden Blvd Safety Workshop
February 12th, 2015
Brownsville Recreation Center
Outreach - Interactive Website

- Interactive website allowed community members to submit their top issues to DOT
Top Issues

- Long Crossing Distances
- Not Enough Time to Cross
Top Issues

Not Enough Space to Wait
Top Issues

Lack of left turn arrows at select intersections
Long Distance Between Crosswalks
Top Issues

- Speeding
- Failure to Yield
Top Issues

Lack of Clear Markings at Slips

Lack Of Markings on Service Roads
Top Issues

Narrow Median
Bus Stops

Poor Median Condition
Proposal Details: Speed Limit and Signal Timing

- Reduce speed limit to 30 MPH
- Add protected left turn phases
  - Amboy / E 98th St
  - Thomas Boyland St
  - Ave D / Van Sinderen Ave
- Give pedestrians more time to cross locations where current time is inadequate
Proposed: Markings & Signage

Parking lane and median channelization narrows service road, discourages speeding

Yield signage and markings to clarify right of way

Add high visibility crosswalks to increase pedestrian visibility

Improved slip lane markings to clarify exits and entrances to mainline
Widen and improve B8 median bus stop

Proposal Details: Rockaway Pkwy

Construct new curb extensions to shorten crossing distances and to create a simpler, safer right turns
Proposal Details: Amboy St & Thomas S. Boyland St

- Ban low volume left turn to Thomas S. Boyland St and construct improved median
- Widen and improve B8 median bus stop
- Construct Median tip extension to shorten crossing distances and provide a refuge for pedestrians
Proposal Details: Mother Gaston Ave

Construct Median tip extensions to shorten crossing distances and provide a refuge for pedestrians.
Proposal Details: New Signal

- New signal slows drivers going into dangerous curve and provides pedestrian crossings across Hegeman Ave and Linden Blvd.
- Qwick Kurb better defines service road and restricts traffic from Junius St from making dangerous merge.
- Add new crosswalks.
- Construct new median tips.
- Construct expanded pedestrian space to shorten pedestrian crossings.

*Signal currently under study.*
Project Benefits

- Median extensions allow for shorter, safer pedestrian crossings
- Curb extensions allow for simpler, safer right turns
- Markings upgrades discourage speeding and better define roadway space
- Improved B8 bus stops provide safe space to wait
Questions?

Thank You

Contact: DOT Brooklyn Borough Office at (646) 892-1350