Springfield Blvd, 144 Ave to 131 Ave

Queens Community Board 12 Transportation Committee

April 12, 2022
Project Location

- Springfield Blvd is a through truck route
- Q77 bus route runs along entire project limits and Q85 bus runs from N Conduit Ave to 140th Ave
- Mainly residential land use, with a large commercial development south of Merrick Blvd
- Springfield Gardens High School, Success Academy Queens Middle School, PS 132, Cynthia Jenkins High School, Merrick Academy, and Tri-Community JHS 231 located on the corridor
- Montbellier Park Playground located between 139th St and Eastgate Plaza
- Project area corridor length is 1.2 miles
Safety Data

- 297 people have been injured along this corridor, including 15 severely injured (2015-2019 crash data)
- 12.4 severe injuries per mile and 4 pedestrian severe injuries per mile
- 23% of pedestrian crashes are related to pedestrians crossing with the signal
- Over 33% of motor vehicle crashes on this corridor are rear-end crashes, indicative of speeding

<table>
<thead>
<tr>
<th>Injury Summary, 2015-2019 (5 Years)</th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>40</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>7</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>250</td>
<td>10</td>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>Total</td>
<td>297</td>
<td>15</td>
<td>0</td>
<td>15</td>
</tr>
</tbody>
</table>

Source: Fatalities: NYCDOT, Injuries: NYSDOT KSI: Persons Killed or Severely Injured
Existing Conditions

Lack of Pedestrian Refuges + Long Crossing Distances

Springfield Blvd and Merrick Blvd
Existing Conditions Continued

Lack of Clear Markings + Wide, Open Roadway

Springfield Blvd and 132 Rd
Proposed Safety Improvements

- Add 16 painted median tip extensions at 9 locations
- Add painted curb extension at SW corner of Springfield Blvd and Eastgate Plaza
- Expand channelized space adjacent to median and add parking lane stripe where feasible to create standard width moving lanes
- Add left turn traffic calming treatment at 135 Ave for left turns from WB 135 Ave to SB Springfield Blvd

Example: Merrick Blvd and 233 St
Proposed Safety Improvements: Painted Median Tip Extensions

- Extended medians give pedestrians a safe place to wait and encourage slower/safer vehicle turns
- Vertical, reflective delineators improve visibility

Proposed: Springfield Blvd and Eastgate Plaza
Proposed Safety Improvements: 141 Ave to 140 Ave

Painted median tips provide pedestrian refuge and shorten crossing distance
Proposed Safety Improvements:
135 Ave to Merrick Blvd

- Parking lane stripe creates standard width moving lanes
- Turn calming treatment slows turns to and from Springfield Blvd
- Channelization narrows the roadway to decrease speeding
- Painted median tips provide pedestrian refuge and shorten crossing distance
Project Benefits

- Median tips shorten crossing distance for pedestrians and provide a safe place to wait
- Extended medians encourage slower, safer left and right turns
- Upgraded markings with reduced lane widths clarify vehicle movements and discourage speeding
Thank You!