• Request from Council Member Van Bramer for safety improvements at the intersection of Northern and Broadway
• Additional request from Council Member Van Bramer for improvements at 41st St/36th Ave/Northern Blvd
• Request from community member for improvements at the intersection of 37th St/37th Ave/Northern Blvd
Safety Data

- Northern Blvd is a Vision Zero Priority Corridor
- 22 KSI (Killed or Severely Injured) in the project area

Northern Blvd - Honeywell St to Broadway, QN

<table>
<thead>
<tr>
<th>Injury Summary, 2010-2014 (5 Years)</th>
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<tbody>
<tr>
<td></td>
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<td></td>
</tr>
<tr>
<td>Pedestrian</td>
</tr>
<tr>
<td>Total Injuries</td>
</tr>
<tr>
<td>43</td>
</tr>
<tr>
<td>Bicyclist</td>
</tr>
<tr>
<td>Total</td>
</tr>
<tr>
<td>329</td>
</tr>
</tbody>
</table>

Fatalities, 01/01/2010-3/14/2016: 1

Source: Fatalities: NYCDOT
Injuries: NYS DOT
KSI: Persons Killed or Severely Injured

Map of Northern Blvd showing locations of Pedestrian, Vehicular, and Bicyclist KSI incidents.
Primary Corridor Issue

Conflicts between turning vehicles and pedestrians and long crossings
Proposal

• Construct 14 pedestrian safety islands
Proposal

- Improve operations at 3 locations
- Improve signal timing at 1 location
- Investigating sidewalk treatment where driveways are signalized
Existing Conditions – 48th St

- No continuation of curb along Northern Blvd
- Northbound movement conflicts with southbound movement
- No crossing on west side of intersection
- Marked parking lane but no parking allowed
Proposed Conditions – 48th St

- Construct islands in channelization*
- Reverse 48th St to one-way northbound from Northern to Broadway
- Add curb extension to shorten crosswalks
- Add two new crosswalks
- Mark two moving lanes

*Pending completion of transit work
No crossing on east side of intersection
Proposed Conditions – 49th St

Reverse 49th St to one-way southbound from Broadway to Northern creating pair with 48th St

Add crosswalk on east side

Bay not needed with new street direction, close bay and build island

Build island in existing channelization

Shopping center parking
Existing Conditions – Broadway/Newtown

Lack of crosswalks

One way street forced southbound

Lack of crosswalks
Proposed Conditions – Broadway/Newtown

- Reverse one block of Newtown Rd
- Convert one block of 49th St to two-way
- Reverse stop control from 49th St to Newtown Rd
- Reverse 48th St to Northbound
- Reverse 49th St to Southbound
- Paint curb extension and mark crosswalks
Proposed Conditions – Broadway/Newtown

Southbound traffic diverted to 49th St
Existing Conditions – Woodside Ave

- Substandard island and triangle
- Wide radius corner lengthens crosswalk and encourages high speed turns
Proposed Conditions – Woodside Ave

- Move stop bar back and signalize slip movement
- Expand triangle
- Mark dedicated right lane and thru/left lane
- Expand corner
- Expand island
Existing Conditions – Broadway

All pedestrian phase unclear, predominant pedestrian movement

Long crossing
Proposed Conditions – Broadway

Mark pedestrian phase crossing

Construct island
Seeking Support from CB 2 for the following:

- Expand triangles and corner at Newtown/Woodside Ave
- Construct Pedestrian Safety Island at Broadway
CITY SPEED LIMIT
25
Northern Blvd
SLOW ZONE

www.nyc.gov/dot

Thank You