NORTHERN BLVD

71st St to 112th St

June, 2020
BACKGROUND

Safety Projects on Northern Blvd

- 2015: 9 concrete pedestrian safety islands between 62 St and 102 St
- 2017: 5 concrete pedestrian safety islands between 105 St and 114 St
- 2018: 4 concrete pedestrian safety islands between 98 St and 101 St

After 4 pedestrian fatalities in 2018, NYC DOT expanded its safety efforts on Northern Blvd:

- Left Turn Traffic Calming at 7 locations (June 2018)
- 62 Leading Pedestrian Intervals (LPIs) on corridor extended from 7 to 10 seconds (September 2018)
- High visibility enforcement with NYPD (started September 2018, continuing 2019)
- Community workshops and Street Ambassador/SBS outreach (Fall 2018)
- Added 10 new concrete pedestrian safety islands between 70 St and 92 St (Summer 2019)
NORTHERN BLVD WORKSHOPS

• Three public workshops on October 15th, 22nd, and 29th with table presentations and discussions attended by approximately 110 total participants

• Key design issues raised (in CB 3 portion):
  • Improved bus service, i.e. transit signal priority, bus lanes, bus boarding islands
  • Additional pedestrian safety islands or medians with plantings, shorten pedestrian crossings
  • Remove underused rush hour regulation
NORTHERN BLVD TRANSIT CONNECTIONS

Neighborhoods east of Broadway have limited transit connections
- Broadway is easternmost subway stop location on Northern Blvd (M and R trains)
- Existing Q66 bus has frequent stops, slow travel times during peak
- 7 train ½ mile or more away from Northern Blvd
PROJECT LOCATION

- Project limits: Northern Blvd, 71 St to 112 St
- Primarily commercial corridor with residences and schools
- High concentration of pedestrian fatalities
- Q23, Q33, Q49, and Q66 bus route and through truck route
SAFETY DATA

- 6 pedestrian fatalities since 2013
- 27 people killed or severely injured (KSI) on 2 mile portion of corridor
- 62% of crashes were pedestrians crossing with signal (Queens avg. 34%)

Northern Blvd - 71 St to 112 St, QN
Injury Summary, 2013-2017 (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>113</td>
<td>9</td>
<td>2</td>
<td>11</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>34</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>513</td>
<td>14</td>
<td>0</td>
<td>14</td>
</tr>
<tr>
<td>Total</td>
<td>660</td>
<td>25</td>
<td>2</td>
<td>27</td>
</tr>
</tbody>
</table>

Fatalities, 01/01/2013-4/29/2020 : 6

Source: Fatalities: NYCDOT
Injuries: NYSDOT
KSI: Persons Killed or Severely Injured
EXISTING CONDITIONS

- Two travel lanes in each direction and parking on both sides with left turn bays and a rush hour travel lane (eastbound 4-7 PM, westbound 7-10 AM)
- 70’ wide roadway
CORRIDOR PROPOSAL

Construct pedestrian safety islands at 5 locations to create safer, shorter crossings

Example of Proposed Treatment

Northern Blvd and 89 St, QN
CORRIDOR PROPOSAL DETAILS

Construct pedestrian safety islands at 5 intersections:

• Northern Blvd & 71st St
• Northern Blvd & 73rd St
• Northern Blvd & 75th St
• Northern Blvd & 97th St
• Northern Blvd & 112th St
SUMMARY AND BENEFITS

• Additional pedestrian safety islands create safer, shorter pedestrian crossings and build on past improvements

• After the installation of 9 pedestrian safety islands at targeted locations in 2015:
  • Total injuries decreased by 14%
  • Pedestrian injuries decreased by 51%

• DOT will continue to study safety and transit improvements on Northern Blvd

Source: NYPD AIS/TAMS Crash Database

Proposed Conditions: pedestrian islands. Northern Blvd and 89 St, QN
THANK YOU!

Questions?