Astoria Boulevard Visioning

New York City Department of Transportation
Presented by the Pedestrian Projects Group on December 2\textsuperscript{nd}, 2015
Background

- Request for safety improvements along Astoria Blvd from CM Constantinides and AM DenDekker
- 2011 DOT study found that lane reduction along corridor is not feasible due to high traffic volumes
- Recent study found over 60% of vehicles were speeding
- CM Ferreras-Copeland held workshop in April 2015 focusing on the eastern section of Astoria Blvd
- Capital and in-house work is planned to address concerns raised in April workshop
Astoria Blvd is a Vision Zero Priority Area

55 year old woman Killed in crosswalk with right-of-way by right-turning bus

Motor Vehicle Fatalities

Pedestrian KSI

Vehicular KSI

Fatality

<table>
<thead>
<tr>
<th>Injury Type</th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>21</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>9</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>163</td>
<td>7</td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>Total</td>
<td>193</td>
<td>8</td>
<td>3</td>
<td>11</td>
</tr>
</tbody>
</table>

Fatalities, 01/01/2010-11/23/2015: 4

Source: Fatalities: NYCDOT Injuries: NYSDOT KSI: Persons Killed or Severely Injured
Irregular, multi-legged intersections where Astoria Blvd runs diagonal to the street grid.
Bus Network

Bus heavy corridor with lack of crossings

Q47  Q49
Q19  Q72
Q33

Bus Stop

80th St  85th St  89th St  92nd St

Astoria Blvd

94th St
Confusing Gateway

Unclear lane designations and rush hour curbside regulations

Missing crosswalks

Astoria Blvd
Unclear Turn Lanes

Bus only left turn lane and jug handle
Unclear Turn Lanes

Left turn only lane and phase but no bay narrows Astoria Blvd to two thru lanes

Two marked thru lanes but possible to use left turn lane for thru traffic
Excess Slip Lanes

Increased potential for conflicts between vehicles and pedestrians along discontinuous sidewalk.
Excess Slip Lanes

Increased potential for conflicts between vehicles and pedestrians

Missing sidewalk along 25th Ave
Workshop Goals

Redefine Astoria Blvd as a neighborhood boulevard, rather than an extension of the highway

Identify:
- Locations for safety improvements
- Areas of congestion
- Unclear intersections
- Points of conflict
- Desire lines, access points
Astoria Blvd – 77th St to 92nd St