WHITE PLAINS RD AT BURKE AVE

Bus Stop Under the El Improvements

December 2017
EXISTING CONDITIONS

- Bx39 and BxM11 bus service
- 2 and 5 trains stop at Burke Ave
- Commercial land use on White Plains Rd and Burke Ave
- Columns of elevated train on WPR separate moving/parking lanes and obstruct visibility

White Plains Rd At Burke Ave, BX
Injury Summary, 2010-2014 (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>10</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>36</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td>48</td>
<td>6</td>
<td>0</td>
<td>6</td>
</tr>
</tbody>
</table>

Fatalities, 01/01/2010-3/3/2017: None

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

• Bus riders forced to wait for bus in roadway

• Roadway layout encourages unpredictable vehicle movements (e.g. attempting to pass stopped buses)

• Poor visibility for vehicles and pedestrians under elevated subway

• High bus ridership, proximity to the 2 & 5 trains
BUS STOPS UNDER THE EL

• Program uses federal grants to construct bus boarding islands under elevated subway lines

• Benefits of bus islands:
  • Provides bus riders a safe space to wait
  • Shortens crossing distances for pedestrians
  • Accessible to bus riders with disabilities
  • Helps expedite bus operations
  • Prevents unsafe passing when bus is stopped
  • In-house construction allows for accelerated implementation
PLAN: WHITE PLAINS RD AND BURKE AVE

Construct accessible concrete bus-boarding islands at bus stops on White Plains Rd

Painted pedestrian space between bus islands and curb allows for safe transfers from curb to bus stop
BENEFITS OF PROPOSAL

• Bus islands create a safe place for riders to wait and board / exit bus
• Improves access for those most reliant on the bus service, and expedites bus operations
• Creates safer, shorter pedestrian crossing
• Clarifies vehicle movements and encourages safer right turns

Proposed: White Plains and Burke, north side
THANK YOU!

Questions?