COLUMBIA STREET (WEST 9TH ST TO LUQUER ST)

School Safety Improvements

Presentation to CB 6 | November 15, 2018
Background

- DOT conducted walk through with the principals from PS 676 and Summit Academy Charter School in April 2018
- School slow zone installed on Hicks St and school bus loading zone installed on Huntington St in May 2018
Columbia Street (West 9th St to Luquer St)

Safety Data

- 13 total injuries
- 4 pedestrian injuries

Injuries & Fatalities
2012 – 2016 (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>4</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>9</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>13</strong></td>
<td><strong>0</strong></td>
<td><strong>0</strong></td>
<td><strong>0</strong></td>
</tr>
</tbody>
</table>

KSI: Persons killed or severely injured

Source: Fatalities: NYC DOT; Injuries: NYS DOT
Columbia Street (West 9th St to Luquer St)

Existing: Long distance between existing signalized pedestrian crossings

The distance between existing signalized pedestrian crossings on Columbia St is 1,100 feet.
Columbia Street (West 9th St to Luquer St)
Existing: Overly wide intersection of Columbia St/Nelson St/Dwight St

- Allows for unpredictable vehicle movements
- Lacks safe space for pedestrians
Columbia Street (West 9th St to Luquer St)

Stop Control/Signal Studies

Since May 2018 NYC DOT has collected data & studied 4 intersections on Columbia St for a traffic signal or all-way stop.

None of the intersections passed federal guidelines for a traffic signal or all-way stop.
Columbia Street (West 9th St to Luquer St)

Enhanced Crossings

Enhanced crossings proposed to improve pedestrian safety at two uncontrolled crossings:

1) Columbia St at Nelson St
2) Columbia St at Luquer St

Enhanced Crossing Example

New ADA compliant pedestrian ramps
High visibility crosswalks
15’ daylighting at approaches for visibility
Pedestrian warning signage
Columbia Street (West 9th St to Luquer St)

Proposal: New crossings at two intersections

- New Enhanced Crosswalks (shown in red)
- New ADA compliant pedestrian ramps
- Pedestrian warning signage
- 15’ parking removal at approaches for visibility, 3 spots total
  - 2 spots on Columbia St at Commerce St;
  - 1 spot on Columbia St at Verona St
Columbia Street (West 9th St to Luquer St)

Proposal: Safety and visibility improvements on Columbia St/Nelson St/Delavan St

- Safer, slower turns
- Predictable vehicle movements
- New pedestrian crossings near school

Proposed: Delancey St, Manhattan
THANK YOU!

Questions?

Contact: NYCDOT Brooklyn Borough Commissioner’s Office – (646) 892-1350