YELLOWSTONE BLVD AND AUSTIN STREET

School Safety Improvements

Presentation to CB 6 Transportation Committee

January 5, 2017
PROJECT AREA

Yellowstone Blvd and Austin St

• JHS 190 Russell Sage
• High-density residential
• Senior Safety Area, nearby senior center
• Yellowstone Blvd is important north-south connection across LIRR right of way
• Austin St commercial corridor
• Q23, QM12, and QM42 buses
BACKGROUND

Yellowstone Blvd and Austin St

• Long, skewed intersection
• Requests from BP Katz and CB 6 for safer crosswalk on Austin St in front of JHS 190
• Requests from community and 112th Precinct to address unpermitted left turns from Yellowstone Blvd to Austin St
• Request from 112th Precinct for parking lane stripes to organize traffic and reduce side swipes
SAFETY DATA: PROJECT NEED

Yellowstone Blvd and Austin St (2010 – 2014)
- 1 severe injury
- 16 total injuries

Pedestrian severely injured in crosswalk by left-turning driver

Yellowstone Blvd At Austin St, QN
Injury Summary, 2010-2014 (5 Years)

<table>
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<tr>
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<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
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<tr>
<td>Pedestrian</td>
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<td>1</td>
<td>0</td>
<td>1</td>
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<tr>
<td>Bicyclist</td>
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<tr>
<td>Motor Vehicle Occupant</td>
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<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>16</td>
<td>1</td>
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</tbody>
</table>

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

Austin St at Yellowstone Blvd looking east

Crosswalk is 85 feet long

Parked vehicles obscure view of pedestrians using crosswalk

Long crossing distances for pedestrians, especially seniors and children

Crosswalk is 85 feet long

Austin St at Yellowstone Blvd looking east
EXISTING CONDITIONS

Vehicles parked in crosswalk limit visibility between pedestrians and drivers
EXISTING CONDITIONS

Eastbound drivers ignore existing stop bar and enter intersection against signal
EXISTING CONDITIONS

Pedestrian severely injured in crosswalk by left-turning driver

Driver turning from westbound Yellowstone Blvd to eastbound Austin St against signal

Eastbound drivers turn left onto Austin St against signal
EXISTING CONDITIONS

Crosswalk not marked on west side of intersection

Pedestrian desire line

Austin St at Yellowstone Blvd looking south
EXISTING CONDITIONS

Triangle does not provide adequate space for pedestrians crossing east side of intersection to wait.
PROPOSAL

New Crosswalk and Traffic Signal

Install additional traffic signal to increase visibility of stop control

Proposed crosswalk and pedestrian signals at existing stop bar:
- accommodate pedestrian desire line
- reinforce where drivers stop for signal

Existing stop bar

Austin St at Yellowstone Blvd looking south
PROPOSAL

Concrete curb extension in front of JHS 190

- Increases pedestrian visibility
- Controls vehicle turns onto Austin St
- Shortens pedestrian crossing distances
- Pedestrian signal indicates exclusive crossing phase
PROPOSAL

Expand Pedestrian Island

- Makes crossing ADA accessible
- Provides space to wait
- Shortens pedestrian crossing distances
SUMMARY OF PROPOSAL

1. Add new crosswalk and pedestrian signals on west leg of intersection
2. Install additional traffic signal to increase visibility
3. Install concrete curb extension in front of JHS 190 to shorten crossing and control vehicle turns
4. Expand pedestrian island on east leg of intersection to make crossing ADA-accessible
PLAN BENEFITS

Yellowstone Blvd and Austin St

- Reduces speeding / calms traffic
- Adds missing crosswalk and signal at busy intersection opposite JHS 190
- Safer, shorter pedestrian crossings
- Upgrades existing pedestrian island to ADA-accessible design
- Responds to community requests
THANK YOU!

Questions?

Contact: NYCDOT Queens Borough Commissioner’s Office – (212) 839-2510