YELLOWSTONE BLVD AND AUSTIN STREET

School Safety Improvements

Presentation to CB 6  
April 20, 2017
PROJECT AREA

- Young Israel of Forest Hills Senior League
- Senior Pedestrian Focus Area
- Limited north-south connectivity across LIRR Right of Way
SAFETY DATA: PROJECT NEED

Yellowstone Blvd and Austin St (2011 – 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>
<thead>
<tr>
<th>Category</th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>8</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Cyclist</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>7</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>16</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

Source: Fatalities: NYCDOE
Injuries: NYCDOE
KSI: Persons Killed or Severely Injured

Fatalities, 01/01/2010-2/1/2016: None
EXISTING CONDITIONS

- Long pedestrian crossing
- Poor visibility of pedestrians entering crosswalk
- No pedestrian signals to indicate safe crossing time

Eastbound drivers turn left onto Austin St against signal

Eastbound signal located far from eastbound stop bar

Austin St at Yellowstone Blvd looking east
EXISTING CONDITIONS

• Skewed intersection geometry and illegal parking reduces visibility between pedestrians and drivers
• No pedestrian signals to indicate crossing time
EXISTING CONDITIONS

Crosswalk not marked on west side of intersection

Pedestrian desire line

Eastbound drivers ignore existing stop bar and enter intersection against signal

Austin St at Yellowstone Blvd looking south
EXISTING CONDITIONS

Triangle does not provide adequate space for pedestrians to wait.
SAFETY IMPROVEMENT REQUESTS

- Traffic calming on Austin St requested by 112th Precinct
- Crosswalk safety improvements requested in front of JHS 190 by CB 6
- Parking lane stripes to organize traffic, requested by 112th Precinct
- Safety improvements to prevent illegal left turns requested by community and 112th Precinct

nyc.gov/dot
PROPOSAL

• Expand Pedestrian Island
• Increase Crossing Time

Expand pedestrian island to:
• Make crossing ADA accessible
• Shorten pedestrian crossing distances
• Deter illegal left turns

Increase pedestrian crossing time across Yellowstone Blvd
PROPOSAL

- Install Curb Extension
- Add New Crosswalk

1. Add pedestrian signals to crossing in front of JHS 190 and increase crossing time
2. Install concrete curb extension in front of JHS 190 to increase visibility, shorten pedestrian crossing and control vehicle turns.
3. Add new crosswalk on west leg of intersection to accommodate desire lines
4. Install additional traffic signal to increase visibility of stop control

One legal parking space removed to accommodate existing left turn

Austin St at Yellowstone Blvd looking east
PROPOSAL

- Add right turn lane for eastbound Yellowstone Blvd to Austin St

Right turn lane allows more eastbound vehicles to turn with right turn arrow onto Austin St instead of waiting for vehicles turning left and traveling through.

Signal timing will be reviewed over implementation period to ensure traffic safety and flow.

Remove NYPD parking on south curb to add right turn lane.

Austin St at Yellowstone Blvd looking east
PROPOSAL

• Relocate NYPD parking to accommodate right turn lane for eastbound Yellowstone Blvd

Replace 15 NYPD authorized parking spaces with right turn lane along curb

Reassign 3 authorized parking spaces on Austin St for NYPD use

Reassign 12 parking spaces on Gerard Pl for NYPD use
SUMMARY OF PROPOSAL

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

Yellowstone Blvd and Austin St

- Reduces speeding and calms traffic at intersection adjacent to JHS 190
- Adds missing crosswalk and pedestrian signals
- Shorter pedestrian crossing distances and wait times
- Upgrades existing pedestrian island to ADA-accessible design
- Adds right turn lane to clarify vehicle movements and reduce congestion
- Adds additional signal to ensure eastbound vehicles stop at correct location
- Responds to community requests
THANK YOU!

Questions?

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