Broadway at Flushing Ave and Graham Ave

Brooklyn CB 1

April 12, 2022
Project Background

Broadway at Flushing Ave and Graham Ave

Community and NYPD requests for safety improvements at Broadway, Flushing, and Graham Ave
Project Area

**Broadway at Flushing Ave and Graham Ave**

- Intersection of three major vehicular corridors
- Mixed commercial and residential uses
- Multi-Modal transit hub with access to the bus lines B43, B57, B46, J and M trains
- Within the Graham Ave BID
- Adjacent to Woodhull Hospital
Safety Data

- Broadway, Flushing, and Graham Ave are all Vision Zero Priority Corridors
- Pedestrian fatalities in 2014 and 2021

Broadway, Flushing Ave and Graham Ave, BK
Injury Summary, 2015-2019 (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>26</td>
<td>2</td>
<td>2*</td>
<td>4*</td>
</tr>
<tr>
<td>Bicyclists</td>
<td>5</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Motor Vehicle</td>
<td>32</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Occupant</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>78</strong></td>
<td><strong>3</strong></td>
<td><strong>0</strong></td>
<td><strong>3</strong></td>
</tr>
</tbody>
</table>

KSI: Killed or Severely Injured
* Includes data from 2014-2021

Location of pedestrian fatality
Existing Conditions
Existing Conditions
Existing Conditions

Graham Ave is not part of the signalized intersection
Existing Conditions

- Left turns from westbound Flushing Ave to northbound Graham Ave are direct, creating conflict point with pedestrians on Broadway
- Recessed crosswalk limits both driver and pedestrian visibility
Existing Conditions

Wide slip lane

• Multiple vehicles making the soft left turn at the same time
Existing Conditions

Pedestrian desire lines
Proposed Design
Existing Conditions
Proposed Design
Proposed Design

1. Remove existing concrete to expand the northern slip of Graham Ave
Proposed Design

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2. Close the southern slip of Graham Ave with a concrete sidewalk extension
Proposed Design

1. Remove existing concrete to expand the northern slip of Graham Ave
2. Close the southern slip of Graham Ave with a concrete sidewalk extension
3. Build a concrete sidewalk extension on the NW corner of Broadway and Flushing Ave
Proposed Design

1. Remove existing concrete to expand the northern slip of Graham Ave

2. Close the southern slip of Graham Ave with a concrete sidewalk extension

3. Build a concrete sidewalk extension on the NW corner of Broadway and Flushing Ave

4. Flare crosswalks to accommodate pedestrian desire lines
Proposed Design

1. Remove existing concrete to expand the northern slip of Graham Ave
2. Close the southern slip of Graham Ave with a concrete sidewalk extension
3. Build a concrete sidewalk extension on the NW corner of Broadway and Flushing Ave
4. Flare crosswalks to accommodate pedestrian desire lines
5. Combine B43 bus stop with the B57 stop on the south curb of Flushing Ave

*all proposed changes involving bus operations have been agreed upon by MTA
Graham Ave - Existing
Graham Ave – Proposed Rendering
Benefits

• Shorter, safer crossing distances
• Widened crossings to subway stairs
• Improved accessibility
• Clarified vehicular movements
Thank You!

Questions?