Cropsey Avenue & Bay 53 St

Intersection Safety Improvements

2023 Street Improvement Project
Project Location

- Project location: Cropsey Ave & Bay 53 St
- South of Belt Pkwy entrance
- Commercial land use
- Previous safety improvements on Cropsey Ave in 2018 and 2019 between Bay Pkwy & Bay 52 St
Previous Improvements

- Expanded median tips and concrete islands shorten crossing distances and provide refuge for pedestrians
- Expanded median tips encourage slower, safer turns by vehicles
- Improved markings clarify roadway and discourage speeding on Cropsey Ave
Existing Conditions

- High crash intersection with 13 injuries and 1 serious injury to a motor vehicle occupant

![Injury Summary, 2016-2020 (5 Years)]

<table>
<thead>
<tr>
<th>Mode</th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>0</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>14</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Other Motorized</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>14</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

Source: Fatalities: NYCDOT, Injuries: NYSDOT KSI: Person Killed or Severely Injured
Existing Conditions

- No safe pedestrian crossing at the south leg of the intersection
  - Existing demand for safe crossing
  - Existing concrete median has no accessible pedestrian cut-through and does not provide safe refuge
- Existing pedestrian ramps at corners below ADA legal standards
Cropsey Ave at Bay 53rd St

- Add new pedestrian ramps
- Upgrade pedestrian ramps to ADA standards
- Add new crosswalk at south leg
- Rebuild concrete center median tip with pedestrian cut-through
Summary

- Adding a marked crosswalk with median cut-through and ADA accessible pedestrian ramps will provide safe refuge for pedestrians crossing Cropsey Ave at Bay 53 St

- An accessible crossing will bring safety improvements to Cropsey Ave & Bay 53 St similar to those installed by DOT from Bay Pkwy – Bay 52 St since 2018
Thank You!

Questions?