E 165th St, E 167th St & Intervale Ave

School Safety Improvements

Presentation for CB 2 | May 12, 2021
E 165\textsuperscript{th} St, E 167\textsuperscript{th} St & Intervale Ave

Why Are We Here?

- Area has high concentration of students
- Several large multi-leg and irregular intersections
E 165th St, E 167th St & Intervale Ave

Vision Zero Priority

Vision Zero

- Multi-agency effort to reduce traffic fatalities in NYC
- Borough Action Plans released in 2019
- Priority Intersections, Corridors, and Areas identified for each borough

Project Area

- Located in a Priority Area

Project area is in a Vision Zero Priority Area
**E 165th St, E 167th St & Intervale Ave**

**Safety Data**

- 214 total injuries
- 7 severe injuries
- 57% of severe injuries were pedestrians

**Injury Summary, 2014-2018 (5 Years)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
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</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>33</td>
<td>4</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>9</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>172</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>214</strong></td>
<td><strong>7</strong></td>
<td><strong>0</strong></td>
<td><strong>7</strong></td>
</tr>
</tbody>
</table>

**Note:** Map may not include total or severe injuries that occurred at midblock locations. Data is based off of NYSDOT/NYSDMV crash and injury data available as of April 2021.
E 165th St, E 167th St & Intervale Ave

Project Area

- 6 schools adjacent to project area
- Large irregular intersections around Horseshoe Playground
- Morrisania School Safety Project to be implemented this summer around NYCHA Forest Houses and William McKinley Houses
E 165<sup>th</sup> St, E 167<sup>th</sup> St & Intervale Ave

**Existing Conditions**

- Long crossing distances for students accessing schools and playgrounds
- Speeding
- Drivers making fast turns and not yielding
Horseshoe Playground: E 165th St at Rogers Pl and Hall Pl

Existing: Large Irregular Intersections

- Large unused space, wide turns
- Large unused space, lack of crosswalk, wide turns

Bronx Regional HS, New Visions AIM, Arturo A. Schomburg
Horseshoe Playground: E 165th St at Rogers Pl and Hall Pl

Proposed: Painted Curb Extensions and Normalized Intersections

- Painted curb extensions slow turning vehicles and shorten pedestrian crossing distances
- Normalized intersection organizes traffic movements and makes them more predictable

Bronx Regional HS, New Visions AIM, Arturo A. Schomburg
Horseshoe Playground: E 165th St at Rogers Pl and Hall Pl

Proposed: Asphalt Art Around Horseshoe Playground

- Asphalt Art planned for proposed painted spaces at Horseshoe Playground.
- NYC Department of Transportation’s Temporary Art Program (DOT Art) partners with artists to paint large-scale murals onto repurposed asphalt that has been transformed into pedestrianized public spaces.
E 165\textsuperscript{th} St, E 167\textsuperscript{th} St & Intervale Ave

Existing Bike Routes

- Existing standard bike lanes on Prospect Ave
- Existing standard bike lanes on E 169\textsuperscript{th} St and E 167\textsuperscript{th} St
- Existing wide parking lanes on Intervale Ave
Morrisania School Safety Project will install protected bike lanes on Trinity Ave, Tinton Ave, E 161st St, E 165th St, and E 166th St in Summer 2021

- Upcoming 2021 Westchester protected bike lane project
- Longwood area currently missing east-west bike connections

Local students help plan Morrisania project
E 165<sup>th</sup> St, E 167<sup>th</sup> St & Intervale Ave

**Proposed Bike Routes**

- Westbound standard lane on E 165<sup>th</sup> St
- Southbound standard lane on Rogers Pl
- Eastbound protected lane on E 167<sup>th</sup> St
- Northbound and southbound standard lanes on Intervale Ave
E 165th St, Westchester Ave to Prospect Ave

Proposal: Standard Bike Lane

Existing: E 165th St at Kelly St

Standard-width travel lane accommodates all vehicles and improves predictability

Example: Bryant Ave at Westchester Ave, BX

Bike lane creates dedicated, predictable space for westbound cyclists and discourages sidewalk riding
Rogers Pl, E 165th St to Westchester Ave

Proposal: Standard Bike Lane

Existing: Rogers Pl south of E 165th St

Standard-width travel lane discourages speeding and reduces unpredictable vehicular movements

Example: Longfellow Ave at E 167th St, BX

Standard bike lane provides dedicated space for southbound cyclists
E 167th St, Prospect Ave to E 169th St

Proposal: Protected Bike Lane

Parking-protected bike lane provides dedicated space for eastbound cyclists

Painted pedestrian refuge islands increase pedestrian visibility, shorten crossing distances, and calm turns

Narrow vehicle lanes calm traffic and reduce speeding

Existing: E 167th St at Tiffany St

Example: Willis Ave, BX
Intervale Ave, Westchester Ave to E 169th St

Proposal: Standard Bike Lanes

Existing

Add standard bike lanes for northbound and southbound cyclists

Proposed

Maintain existing travel lanes and flush median with concrete pedestrian islands

Narrower parking lane better organizes parked vehicles
To address this critical need, SEO will now offer our core K-12 presentations in remote learning formats to deliver to students, their parents, and their schools.

Our staff of experienced educators will customize the approach to each school and schedule remote classes giving students the confidence and knowledge they need to get around safely.

Contact us today to book your class at safety-ed@dot.nyc.gov or 212-839-4750.
E 165th St, E 167th St & Intervale Ave

School Outreach

- DOT School Safety & DOT Safety Education have contacted 6 schools located within project area
- Met with 5 schools to hear safety concerns and offer safety programing; all expressed concerns about traffic safety and interest in safety improvements
- Briefed 5 schools on safety improvements proposal, all were supportive of the project
E 165th St, E 167th St & Intervale Ave

Proposed Parking Impact

- Proposed Parking Impact

34 parking spaces repurposed for safety improvements including painted curb extensions, pedestrian islands, and increased pedestrian and bicyclist visibility.
Thank You!

Contact: NYCDOT Bronx Borough Commissioner’s Office – (212) 748-6680
Appendix

Types of Bike Lanes

Protected
• Provide barrier between cyclists and traffic
• Create shorter, safer pedestrian crossings

Conventional
• Create dedicated space for people on bikes and in vehicles
• Increase predictability for all road users

Shared
• Alert drivers and cyclists of shared space
• Provide wayfinding for people on bikes
Appendix

Intersection Normalization & Public Art

Before

Macombs Rd and University Ave, BX

After
Appendix

Overview Map

Legend
- Schools
- Project Area

- Forest Houses
- McKinley Houses