ALEXANDER AVE, E 135 ST TO E 138 ST
School Safety Improvements
Shared with Community Board 1 | March 2019
Alexander Ave
(E 135 St to E 138 St)

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

Alexander Ave
(E 135 St – E 138 St)

- Alexander Ave is in a Vision Zero Priority Area
- Alexander Ave is in a DOT Senior Safety Area
Background

Project Location

- PS 154, South Bronx Classical Charter School II, and Zeta Bronx 1 Elementary located on Alexander Ave
- High volumes of student pedestrians
- Community center, church, nursery located on Alexander Ave
- High density housing developments
- Senior and supportive housing on E 138 St west of Alexander Ave
- Proximity to Major Deegan Expressway
Background

Safety Data

- 116 total injuries
- 25% of pedestrian injuries at uncontrolled intersections

Injuries (2012 – 2016)

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
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<tr>
<td>Pedestrian</td>
<td>10</td>
<td>1</td>
<td>0</td>
<td>1</td>
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<tr>
<td>Bicyclist</td>
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<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Motor Vehicle Occupant</td>
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<td>4</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>116</strong></td>
<td><strong>5</strong></td>
<td><strong>0</strong></td>
<td><strong>5</strong></td>
</tr>
</tbody>
</table>

Source: Fatalities: NYCDOT
Injuries: NYSDOT

KSI: Persons killed or severely injured
Alexander Avenue, E 135 Street to E 138 Street

Existing: Wide roadway between NYCHA and schools

70’ wide roadway with angled and parallel parking
Alexander Avenue, E 135 Street to E 138 Street

Existing: Long crossings & long distances between crossings

- Pedestrians cross between existing signalized crossings
- Double parking outside of schools
- Unpredictable vehicle movements
- U-turns, idling vehicles
Alexander Avenue, E 135 Street to E 138 Street

Existing: Wide roadway between NYCHA and schools

Unmarked parking spots are used inefficiently, leaving space between vehicles which could accommodate additional parking

Alexander Ave, looking west at East 137 St
Proposal: Safer, shorter pedestrian crossings

Alexander Avenue, E 135 Street to E 138 Street

- Stripe parking spots for more efficient use
- Two new signalized pedestrian crossings
- Narrow travel lanes to discourage speeding and unpredictable vehicle movements
- Painted curb extensions to shorten crossing distances and improve visibility
- School loading zones
- PS 154 & South Bronx Classical Charter School II
- Zeta Bronx 1 Elementary

nyc.gov/visionzero
Alexander Avenue, E 135 Street to E 137 Street

Proposal Detail: Safer, shorter pedestrian crossings

**Existing**
- West Sidewalk
- 40’ Combined Travel and Parking Lane
- 24’ Combined Travel and Parking Lane
- East Sidewalk

**Organized vehicle movements**

**Proposed**
- West Sidewalk
- 18’ Travel Lane
- 16’ Travel Lane
- 11’ Travel Lane
- 9’ School Loading/Parking
- 13’ Sidewalk Extension
- East Sidewalk

**Safer, shorter crossings**
Alexander Avenue, E 137 Street to E 138 Street
Proposal Detail: Safer, shorter pedestrian crossings

Existing

Safer, shorter crossings

Organized vehicle movements

Proposed
Alexander Avenue, E 135 Street to E 138 Street
Proposal Detail: Painted Curb Extensions

- Shorten pedestrian crossings
- Control vehicle turns
- Increase pedestrian visibility
- Planters would require a maintenance partner
Alexander Ave
(E 135 St to E 138 St)

New School Loading Zones

- Create 2 new school loading zones to reduce double parking and improve safety
  - Loading zone on Alexander Ave (7 community parking spots outside school hours)
  - Loading zone on E 135 St (6 community parking spots outside school hours)
- Remove 19 parking spots on Alexander Ave for new crossings and curb extensions
- Add 5 parking spots on Alexander Ave by adding angle parking from E 135th St to E 136th St
- Relocate teacher parking from Alexander Ave to E 135 St (no changes to the number of spots)
- Add 14 parking spots on E 135 St

Net parking gain: 13 new community parking spots outside school hours
Alexander Avenue (E 135 Street to E 138 Street)

**NYC DOT Asphalt Art Program**

- NYC DOT Art selects 5-7 sites for Asphalt Art Program every year

- School Safety proposed Alexander Ave a potential Asphalt Art site

- Temporary murals are drawn on selected sites by artists commissioned by NYC DOT

- No guarantee that Alexander Ave site will be selected, but CB support is necessary for site to be considered

- Safety improvements could move forward regardless of whether project was selected for art program

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*Example: NYC DOT Asphalt art installed by PS 169 (Bronx) in 2018*
THANK YOU!

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