Nostrand Avenue
Madison Pl to Quentin Road
School Safety Improvements
Presentation | May 2020
Nostrand Ave (Marine Pkwy to Quentin Rd)

Vision Zero Priority

• Vision Zero
• Multi-agency effort to reduce traffic fatalities in NYC
• Borough Action Plans released in 2015
• Priority Intersections, Corridors, and Areas identified for each borough
• Nostrand Ave is a Vision Zero Priority Corridor
Nostrand Ave
(Marine Pkwy to Quentin Rd)

Project Area

- The Nostrand Ave corridor is a wide, two-way street with high traffic volumes
- Project area used by students accessing Yeshiva Gedolah Ohr Yisrael, Yeshiva Ahavas Torah, and James Madison High School
- Vehicles make wide, fast left turns onto southbound Madison Pl and Stuart Street
- Long crossings across skewed intersections
- Residential and light commercial land uses
- B44 runs along Nostrand Ave, access to B44 SBS at Kings Hwy and Ave R
Nostrand Ave (Marine Pkwy to Quentin Rd)

Safety Data, 2013-2017

- 74 total injuries
- 2 severe injuries
- 16% of those injured were pedestrians
- School-aged pedestrian struck by a vehicle at Nostrand Ave & Madison Pl in 2017

<table>
<thead>
<tr>
<th>Injury Type</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>12</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>4</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>58</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>74</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
</tbody>
</table>

Fatalities, 01/01/2013-1/20/2020: None

*Map does 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 1/2020.
Nostrand Ave (Madison Pl to Quentin Rd)

Existing: Wide Roadway Encourages Speeding

Example: Nostrand Ave at Stuart St, facing north

Shared left and thru lane creates conflict and unpredictable vehicular movements like swerving

Wide roadway with speeding
Nostrand Ave (Madison Pl to Quentin Rd)

**Proposal: Organize Wide Roadway**

**Existing:**

Narrower travel lanes discourage speeding and reduce unpredictable vehicular movements.

**Proposed:**

Flush painted median and left turn bays separate and organize traffic movements.

*Example: Nostrand Ave at Marine Pkwy*
Madison Pl (Nostrand Ave to Ave P)

Existing: Long, Unprotected Crossing

Low visibility for southbound vehicles on Madison Pl at Ave P

B44 Bus Stop

Left-turning vehicles create conflict

Yeshiva Gedolah Ohr Yisrael

Long, unmarked crossing for pedestrians

Existing: Nostrand Ave at Madison Pl, facing south
Madison PI (Nostrand Ave to Ave P)

Proposal: Reverse Street and Shorten Crossing

- Reversing Madison St to be northbound prevents fast, wide angle left turns from Nostrand Ave
- Conversion reduces conflict at low-visibility intersection
- Left-turning vehicle movements diverted into the left turn bay
- Painted curb extensions shorten crossings and improve visibility for pedestrians
- Existing

Map highlights:
- Yeshiva Gedolah
- Ohr Yisrael
- Yeshiva Ahavas Torah
Madison Pl (Nostrand Ave to Ave P)

Proposal Detail: Painted Curb Extensions

Example: Painted Curb Extension, 9th Ave, BK

Painted curb extensions shorten crossings and improves visibility for pedestrians.
Stuart St (Nostrand Ave to Quentin Rd)

Existing: Fast, Wide Turns Pose Safety Concerns

Left-turning vehicles create conflicts with pedestrians at unprotected crossing.

Low visibility for southbound vehicles on Stuart St at Quentin Rd.

High volumes of vehicles making left turns at high speeds onto Stuart St slip lane.

Existing: Nostrand Ave at Stuart St
Stuart St (Nostrand Ave to Quentin Rd)

Proposal: Close Slip Lane with Truffle Paint

- Protect pedestrians at Stuart St by removing vehicular traffic
- Conflict avoided at low-visibility intersection
- Remove existing all-way stop control at intersection
- Left-turning vehicle movements diverted into the left turn bay
- Flush median narrows travel lanes and slows speeds

Yeshiva Gedolah
Ohr Yisrael

Yeshiva Ahavas Torah
Stuart St (Nostrand Ave to Quentin Rd)

Proposal: Close Slip Lane with Truffle Paint

Truffle paint creates a pedestrian-only zone

Delineators along the perimeter closes the slip lane to vehicular traffic

Example: Barry St between Lafayette Ave & Tiffany St, BX
Thank You!

Contact: NYC DOT BK Borough Commissioner’s Office – (646) 892-1350