NEW DORP LANE
MILL RD TO HYLAN BLVD

School Safety Improvements

Presentation for CB 2 | May 7, 2018
EXISTING CONDITIONS

- Students arrive to New Dorp High School on south side of New Dorp Ln
- Long distances to marked or controlled pedestrian crossings

- Students ride S76/S86 bus to school and get off on south curb
- Students are driven to school by car and dropped off on south curb
- Students walk to school through shopping plaza to New Dorp Ln

1000 ft. between signalized crossings

Hylan Blvd

New Dorp Ln

New Dorp HS

Mill Rd
EXISTING CONDITIONS

• Students walk shortest path across New Dorp Ln to New Dorp High School
EXISTING CONDITIONS

- Students get off and cross in front of bus
- Poor visibility between pedestrians and passing drivers on New Dorp Ln
EXISTING CONDITIONS

- Students are driven by car and dropped off on south curb, crossing New Dorp Ln between stopped cars and gaps in traffic.
SAFETY DATA

- New Dorp Ln is a High Crash Corridor with 14.7 KSI per mile, ranking in the top 10% of Staten Island corridors (2012-2016)

**New Dorp Ln - Hylan Blvd to Mill Rd, SI**

**Injury Summary, 2012-2016 (5 Years)**

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
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<tbody>
<tr>
<td>Pedestrian</td>
<td>19</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Motor Vehicle Occupant</td>
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<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>70</strong></td>
<td><strong>3</strong></td>
<td><strong>0</strong></td>
<td><strong>3</strong></td>
</tr>
</tbody>
</table>

 Fatalities, 01/01/2012-1/29/2018: None

Source: Fatalities: NYC DOT
Injuries: NYS DOT
KSI: Persons Killed or Severely Injured
EB New Dorp Ln shifts from 1 lane to 2 lanes, carrying a maximum of 194 vehicles per lane per hour between shopping plaza driveway and Mill Rd.

**TRAFFIC VOLUME**

Weekday Peak Hour Volumes:
- 334 vehicles per lane (AM)
- 446 vehicles per lane (PM)

Weekday Peak Hour Volumes:
- 170 vehicles per lane (AM)
- 194 vehicles per lane (PM)

Weekend Peak Hour Traffic Volumes (Collected in May):
- 222 vehicles per lane (Midday)
PROPOSAL

• Add safer, shorter pedestrian crossing to accommodate desire lines between school, bus stop, and drop-off on south curb

Remove one eastbound travel lane on New Dorp Ln, between shopping plaza driveway and Mill Rd (traffic analysis pending). Maintain one travel lane in each direction.

Install a signalized pedestrian crossing (approved) in front of NDHS. Expand narrow median to create ADA-accessible pedestrian crossing.

Add painted curb extension to improved pedestrian visibility at crossing.

Add a school loading zone on south curb of New Dorp Ln for students driven to school to unload directly to curb.
THANK YOU!

Questions?