Project Background

- Study area is Little Clove Rd, from Clove Rd to Windsor Rd
- Residential corridor with minimal traffic signals
- Access road for Staten Island Expressway
- Truck route between Clove Rd and Renwick Ave
Project Background

Section 1: Clove Rd to Renwick Ave
- 32’ wide one-way
- Striped for three lanes
- Parking allowed on the north curb, functions as two or three lanes
Section 2: Renwick Ave to Windsor Rd

- 32’ wide two-way
- One wide lane in each direction
- Parking allowed on both curbs
Need: Why Little Clove Rd?

- Request from Councilmember Oddo to reduce cut-through traffic and speeding
- Mis-match between residential area and highway access road
- High crash corridor
- ~81% of vehicles over the speed limit (WB btw Seneca Ave & Ontario Ave)
- Used as an alternate route to Staten Island Expressway when congested

### Little Clove Rd - Cayuga Ave to Windsor Rd, SI

**Injury Summary, 2006-2010**

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>Avg Inj/Yr</th>
<th>Avg Inj/Mile/Yr</th>
<th>Severity Percentile of Boro Corridors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>1</td>
<td>0.2</td>
<td>0.2</td>
<td>79%</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>33</td>
<td>6.6</td>
<td>9.6</td>
<td>83%</td>
</tr>
<tr>
<td>Total</td>
<td>34</td>
<td>6.8</td>
<td>9.9</td>
<td>80%</td>
</tr>
</tbody>
</table>

*Fatalities, 01/01/2006-12/19/2011: None*

Source: Injuries: NYS Dept. of Transportation

Fatalities: NYC Dept. of Transportation

*Ranks in 80th Percentile for Staten Island corridors*
Example of similar traffic calming treatment – Hicks St (Brooklyn)

Im​provement Details

• Traffic calming (‘Road Diet’) on Little Clove Rd from Clove Rd to Renwick Ave
  • Expand channelization at Clove Rd
  • Convert Little Clove Rd to one lane between Seneca Ave and Logan Ave
  • Retain all capacity at Renwick Ave intersection
  • Formalize all curbside parking and organize traffic with parking lane stripes
• RT lane only for EB Little Clove Rd @ Renwick Ave
Benefits & Tradeoffs of Proposal

Overall Project Benefits
• Reduces speeding
• Calms traffic
• Discourages cut through traffic
Questions?

Thank You