

Little Clove Road

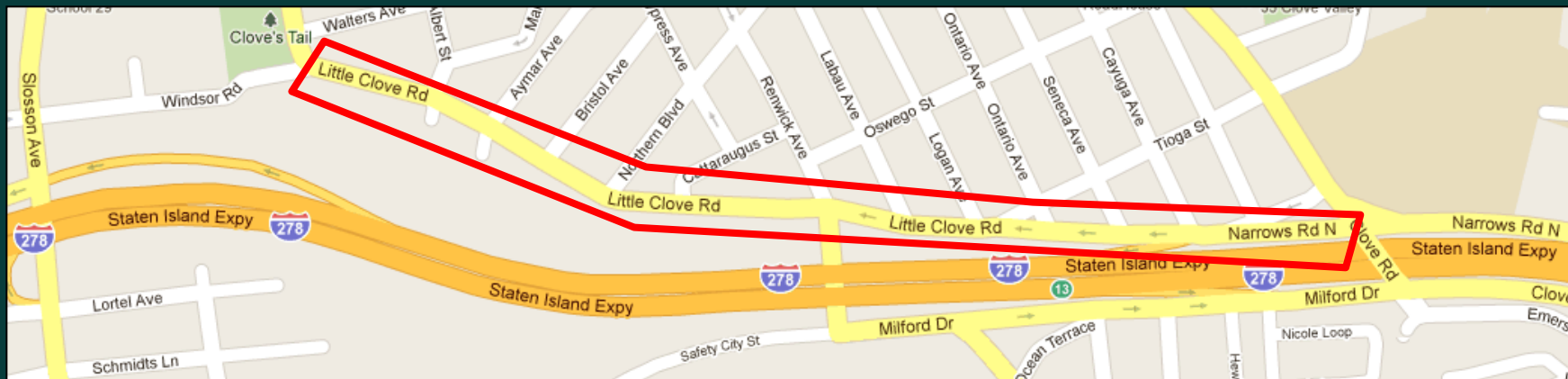
Corridor Safety Improvements

Spring
2012



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

Project Background



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

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

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

Improvement Details

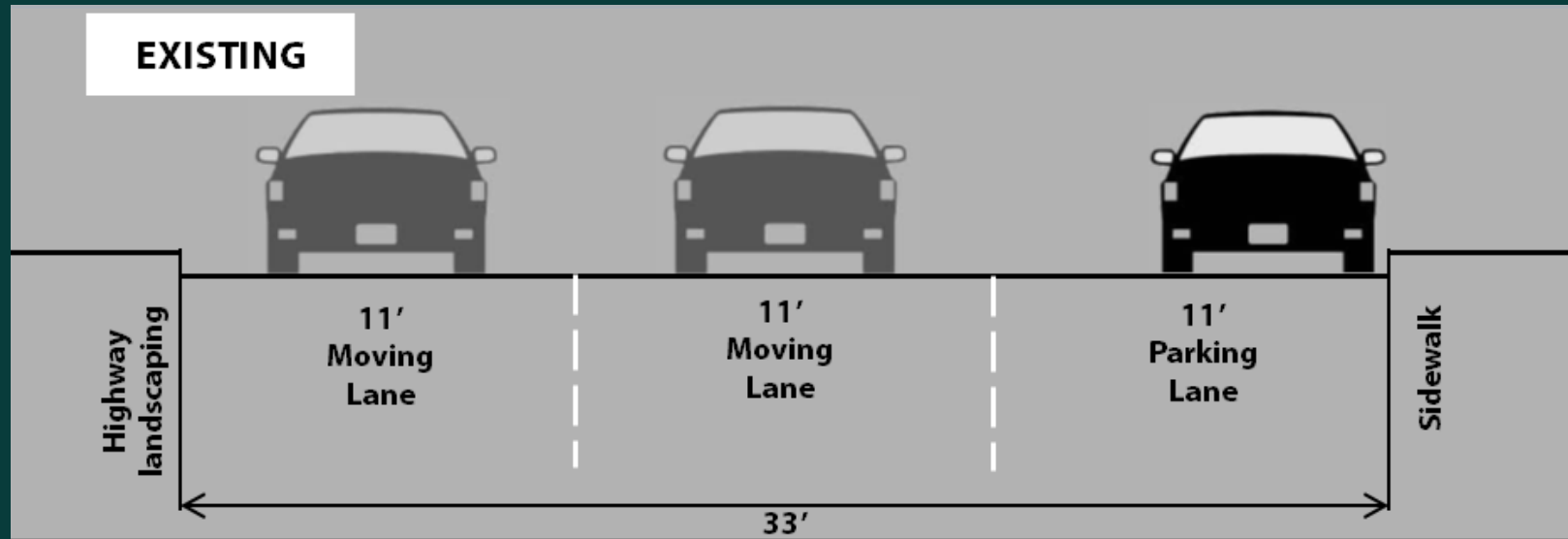
- Traffic calming (“Road Diet”) on Little Clove Rd from Clove Rd to Renwick Ave
 - Expand channelization at Clove Rd
 - Convert Little Clove Rd to one lane between Seneca Ave and Logan Ave
 - Retain all capacity at Renwick Ave intersection
 - Formalize all curbside parking and organize traffic with parking lane stripes
- RT lane only for EB Little Clove Rd @ Renwick Ave



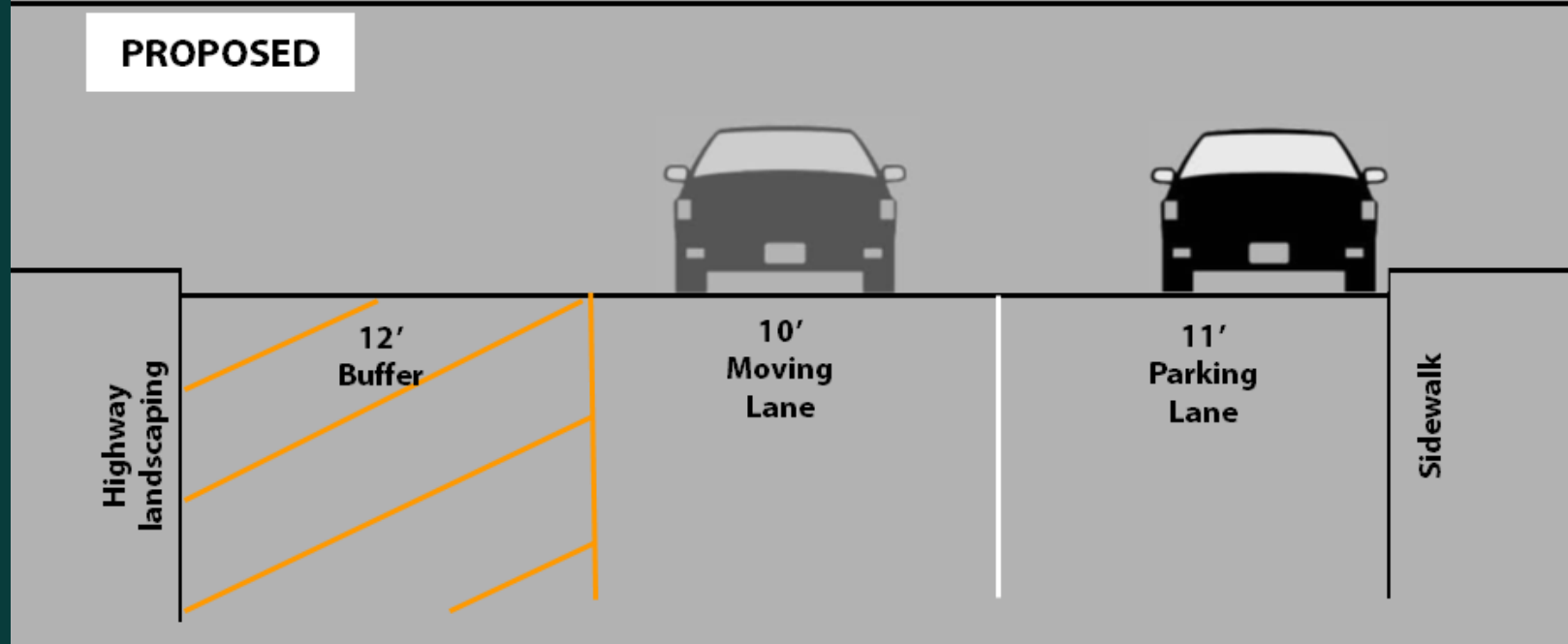
Example of similar traffic calming treatment – Hicks St (Brooklyn)

Improvement Details

EXISTING



PROPOSED



Benefits & Tradeoffs of Proposal

Overall Project Benefits

- Reduces speeding
- Calms traffic
- Discourages cut through traffic



Questions?

**Thank
You**