Background

- Clove Road is a high crash corridor (7.3 traffic deaths or serious injuries per mile, ranking in the top 33% of corridors in Staten Island)

- CB1 requested a study of bicycle lanes on Clove Road between Richmond Terrace and Howard Avenue in a September 2013 letter to NYCDOT

- November 2014 DOT presentation to CB1
Community Supporters

- Transportation Alternatives
- Project Hospitality
- Harbor Ring Committee
- United Activities Unlimited, PS 18
- Beacon Center Program, 221 Broadway
- Clove Lake Home Owners and Improvement Association
- Ralph R. McKee Career & Technical H.S., 290 St. Marks Pl
- El Centro Del Inmigrante, 1546 Castleton Ave
- Staten Island Athletic Club
- Staten Island Bicycle Association
- New World Preparatory Charter School, 26 Sharpe Ave
- Sunnyside Medical Serv., 1374 Clove Rd
- Buddy’s Tattoo & Piercing, 450 Clove Rd

- John J. Gadomski, M.D. Dermatology, 1492 Clove Rd
- Ultimate Hair Techniques, 1297 Clove Rd
- Sciascia Chiropractic Off., 1313 Clove Rd
- EthNYCity Solutions, 452 Clove Rd
- Mignosi Supermarket, 1490 Clove Rd
- Classic Pharmacy, 1300 Clove Rd
- Napoli Pizzeria, 1206 Victory Blvd
- Janis R. D’Angelo D.P.M., F.A.C.F.A.S., Foot Specialist 1368 Clove Rd
- Darryl Davis Real Est. Inc., 210 Clove Rd
- La Fe Construction, Inc., 210 Clove Rd
- Mola Auto Collision, Inc., 1310 Clove Rd
- Jerry’s Used But not Abused Auto Sales, 1307 Castleton Ave
- Sharon N. Kiuhara Psy. D., 633 Clove Rd
Project Limits

3 Segments:
- Richmond Terrace to Forest Avenue
- Forest Avenue to Broadway
- Broadway to Howard Avenue

Peak Volumes
- At Clove Lake Place
  - Northbound: 491
  - Southbound: 555
- At Victory Boulevard
  - Northbound: 1,062
  - Southbound: 1,116
- At Howard Avenue
  - Northbound: 1,183
  - Southbound: 1,279

ATR data recorded Dec 2012 (Clove Lake Pl) and Oct 2013 (Victory Blvd and Howard Ave)
Facing north near Castleton Ave

Existing Condition: Richmond Terr to Forest Ave

30 feet wide two-way roadway
Proposed Condition: Richmond Terr to Forest Ave

Existing

- 8’ Parking Lane
- 10’ Travel Lane
- 12’ Travel Lane
- 30 feet

Proposed

- 8’ Parking Lane
- 10’ Shared Lane
- 12’ Shared Lane
Example of Shared Lanes
Existing Condition: Forest Ave to Broadway

Southbound (west side)

Parking regulations:
- No Standing 7am-7pm Monday-Saturday

Peak Hour Vehicle Volume (December 2012):
- 555 vehicles (at Clove Lake Pl, 7am-8am)

Northbound (east side)

Parking regulations:
- No restrictions
- No Standing Anytime for 450 feet approaching Forest Ave

Peak Hour Vehicle Volume (December 2012):
- 491 vehicles (at Clove Lake Pl, 4pm-5pm)
Proposed Condition: Forest Ave to Broadway

Existing

| 11' Parking / Travel Lane | 12' Travel Lane | 5' Buffer | 12' Travel Lane | 11' Travel Lane | 9' Parking Lane |

Proposed

| 9' Parking Lane | 5' | 11' Travel Lane | 10' Buffer / Turn Lane | 11' Travel Lane | 5' | 9' Parking Lane |
Proposed Condition: Forest Ave to Broadway

- Maintain all existing turn lanes and add new turn lanes at Purcell St, Martling Ave and Broadway
- Install bicycle lanes
- Remove “No Standing 7am-7pm Monday-Saturday” parking regulation on west side
  - Upgrade approximately 75 overnight parking spaces to full time parking spaces
- Remove “No Standing Anytime” parking regulation for 130 feet on east side between Allen Ct and Forest Ave
  - Add approximately 6 new full time parking spaces
Example of Bike Lane With Painted Median/Turn Bay

Vanderbilt Ave, Brooklyn
Existing Condition: Broadway to Howard Ave

Facing north at Beverly Avenue

60 feet wide two-way roadway

Southbound (west side)

Parking regulations Broadway to Victory Blvd:
  • No Standing 7am-7pm Monday-Saturday

Parking regulations Victory Blvd to Howard Ave:
  • Regular Parking

Peak Hour Vehicle Volume (October 2013):
  • 1,116 vehicles (at Victory Blvd, 7am-8am)
  • 1,279 vehicles (at Howard Ave, 7am-8am)

Northbound (east side)

Parking regulations Broadway to Victory Blvd:
  • No restrictions

Parking regulations Victory Blvd to Howard Ave:
  • No Standing 7am-7pm Monday-Saturday

Peak Hour Vehicle Volume (October 2013):
  • 1,062 vehicles (at Victory Blvd, 4:30pm-5:30pm)
  • 1,183 vehicles (at Howard Ave, 4:30pm-5:30pm)
Existing Condition: Overnight Parking

Clove Rd looking north at Cheshire Pl

- West side overnight parking

- Parking Regulation is “No Standing 7am-7pm Monday-Saturday” (overnight parking only)

- Parking utilization study, Fall 2014, 10pm-11pm
  - Clove Rd from Broadway to Howard Ave
  - 5 cars on average parked over 1.1 mile length
  - 2.5% parking utilization

- Overnight parking on Clove Road is underutilized
Existing Condition: Overnight Parking

Clove Rd looking south at Cheshire Pl

West side overnight parking
Existing Condition: Overnight Parking

Clove Rd looking north at Van Cortlandt Ave

East side overnight parking
Existing Condition: Overnight Parking

Clove Rd looking north at Martha St

East side overnight parking
Proposed Condition: Broadway to Howard Ave

**Existing**

12’ Parking / Travel Lane

12’ Travel Lane

12’ Travel Lane

11’ Travel Lane

10’ Parking Lane

**Proposed**

10’ Travel Lane

11’ Travel Lane

11’ Travel Lane

10’ Travel Lane

5’ Parking Lane
Proposed Condition: Broadway to Howard Ave

- Install bicycle lanes and maintain all travel lanes and turn lanes
- Change parking regulation from “No Standing 7am-7pm Monday-Saturday” to “No Stopping Anytime”:
  - Clove Way to Victory Blvd, west side
  - Howard Ave to Victory Blvd, east side
- Provide a transition from one travel lane to two travel lanes per direction, plus turning lanes
  - Add approximately 13 new full time parking spaces
  - Upgrade approximately 28 overnight parking spaces to full time parking spaces
Clove Rd @ Forest Ave
Maintain existing turn lanes:
- Northbound left
- Northbound right
- Southbound left

Clove Rd @ Purcell St
Add new turn lane:
- Northbound right

Clove Rd @ Martling Ave
Maintain existing turn lane:
- Northbound left
Add new turn lane:
- Southbound right

Clove Rd @ Broadway
Add new turn lanes:
- Northbound right
- Southbound left

Clove Rd @ Bement Ave
Clove Rd @ Victory Blvd
Clove Rd @ Howard Ave
Maintain existing turn lanes:
- Northbound left
- Southbound left

Note: All existing turn lanes to be maintained
Summary of Proposal

• Richmond Terr to Forest Ave: install shared lane markings

• Forest Ave to Broadway:
  • Maintain 1 travel lane in each direction
  • Remove “No Standing 7am-7pm Monday-Saturday” regulation on the west side
  • Install bicycle lanes

• Broadway to Howard Ave:
  • Maintain all travel lanes
  • Change parking regulation from “No Standing 7am-7pm Monday-Saturday” to “No Stopping Anytime”:
    • Clove Way to Victory Blvd, west side
    • Howard Ave to Victory Blvd, east side
  • Install bicycle lanes

• Additional parking
  • Approximately 14 new parking spaces (net gain)
  • Upgrade approximately 103 overnight parking spaces to full time parking spaces

• Turn lanes
  • Maintain all existing turn lanes
  • Add turn lanes to Broadway (northbound right and southbound left), Martling Ave (southbound right) and Purcell St (northbound right)
Summary of Benefits

- Designated bicycle route connecting Port Richmond/West Brighton neighborhoods to Clove Lakes Park, the Staten Island Zoo and the Sunnyside/Grymes Hill neighborhoods including Wagner College and St. John’s University
  - Encourages active transportation

- Improved parking access to Clove Lakes Park

- Consistent unambiguous 24-hour lane configuration

- Traffic calming measures discourage speeding

- Existing traffic capacity maintained
Questions?

Thank You