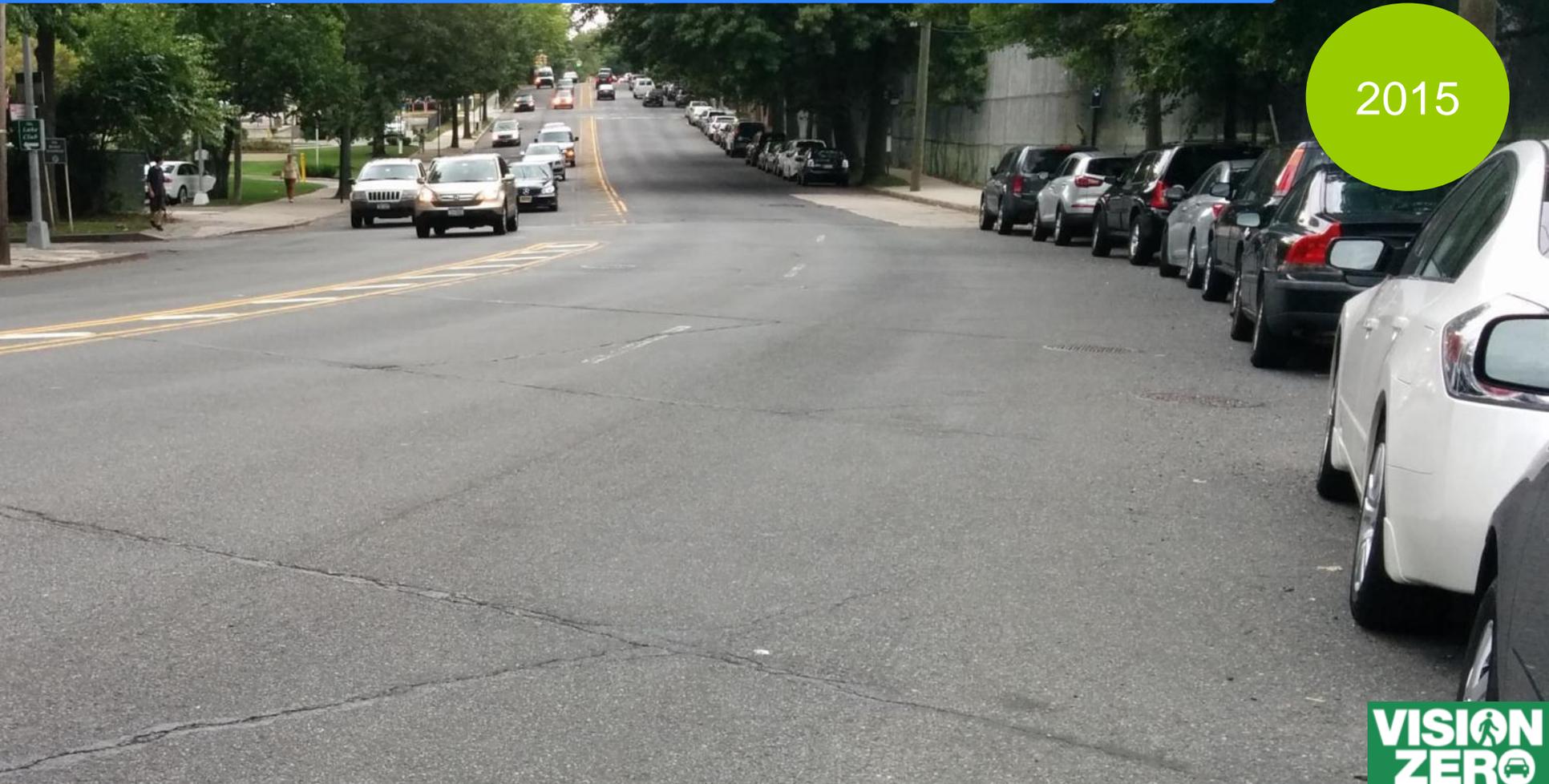


# Clove Road

## Transportation Improvements

2015



# 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. Kiuvara 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

-  Project Route
-  Existing On-Street Bicycle Facility
-  Off-Street Bicycle Path
-  Potential Route

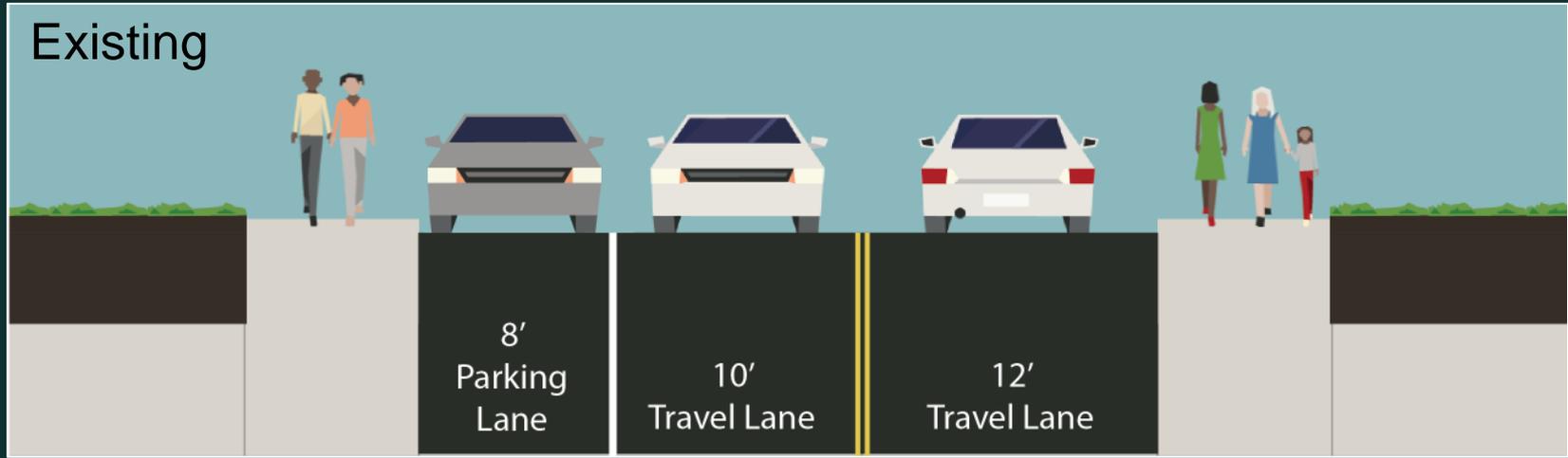
# Existing Condition: Richmond Terr to Forest Ave



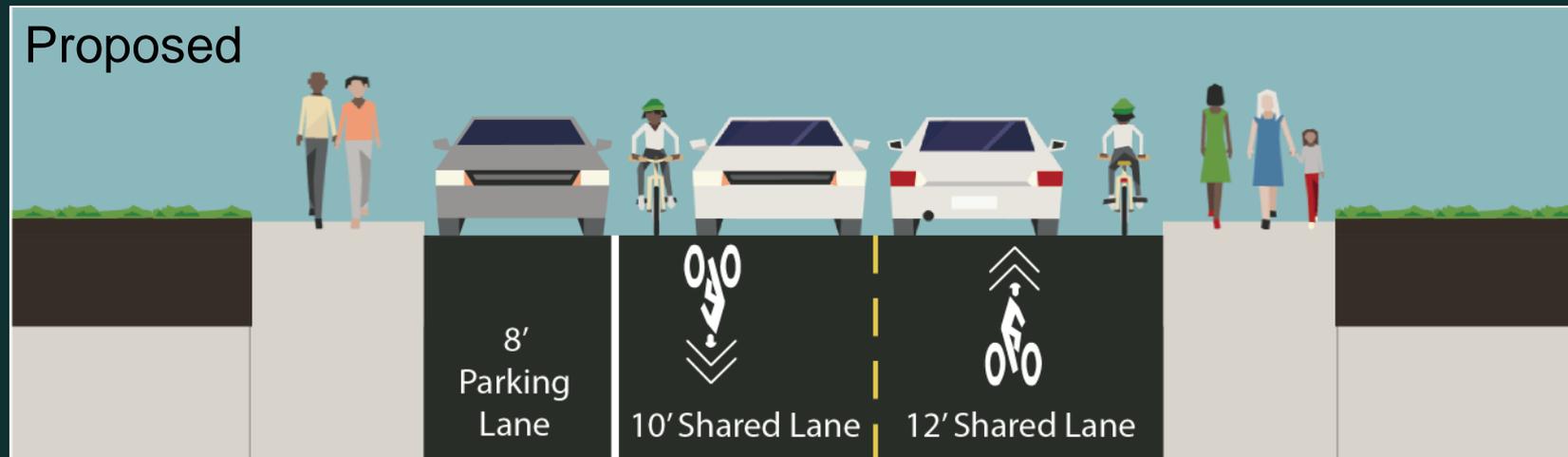
30 feet wide two-way roadway

Facing north near Castleton Ave

# Proposed Condition: Richmond Terr to Forest Ave



30 feet



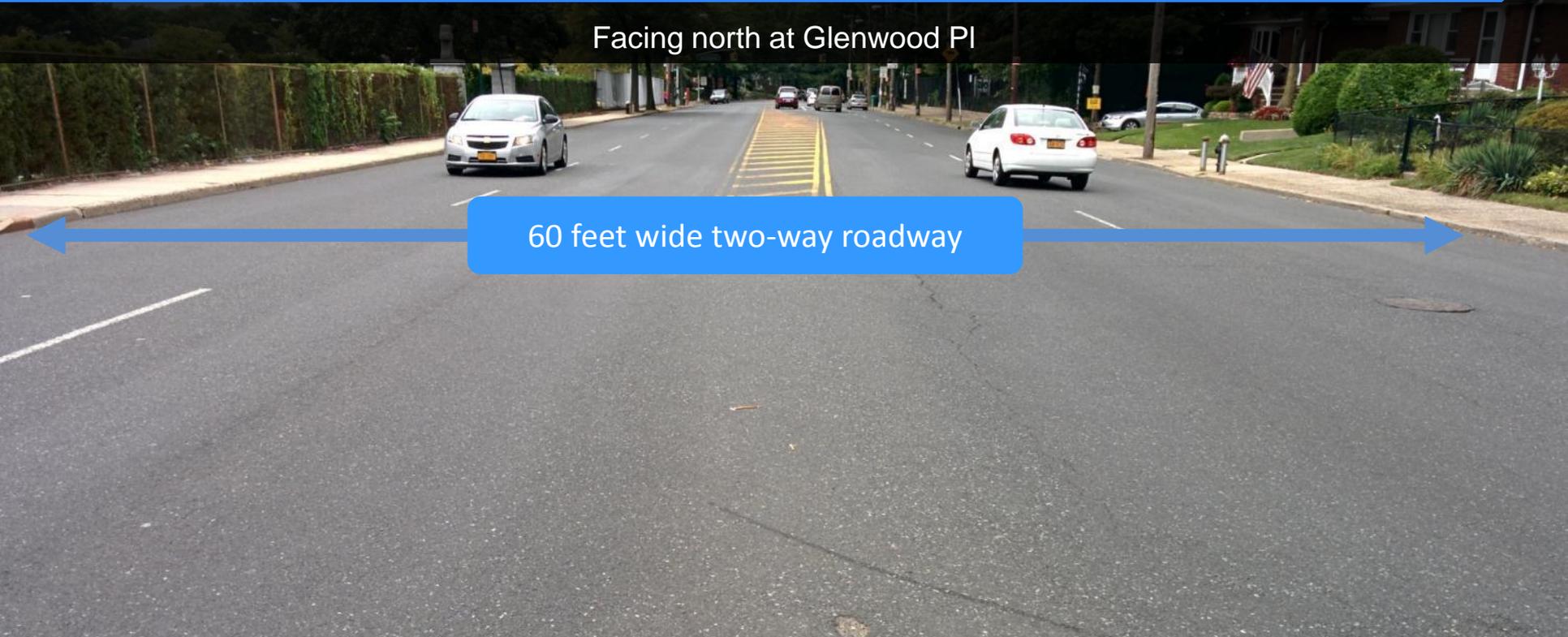
# Example of Shared Lanes



West Broadway, Manhattan

# Existing Condition: Forest Ave to Broadway

Facing north at Glenwood Pl



60 feet wide two-way roadway

## 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:

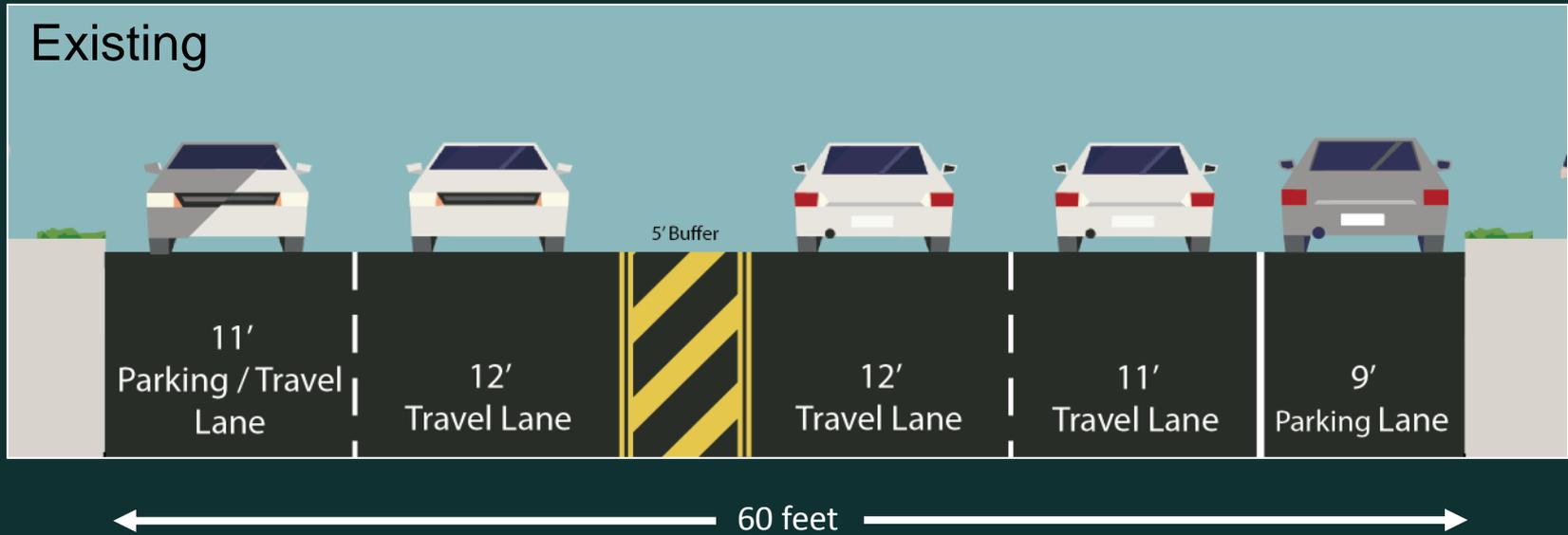
- No restrictions
- No Standing Anytime for 450 feet approaching Forest Ave

### Peak Hour Vehicle Volume (December 2012):

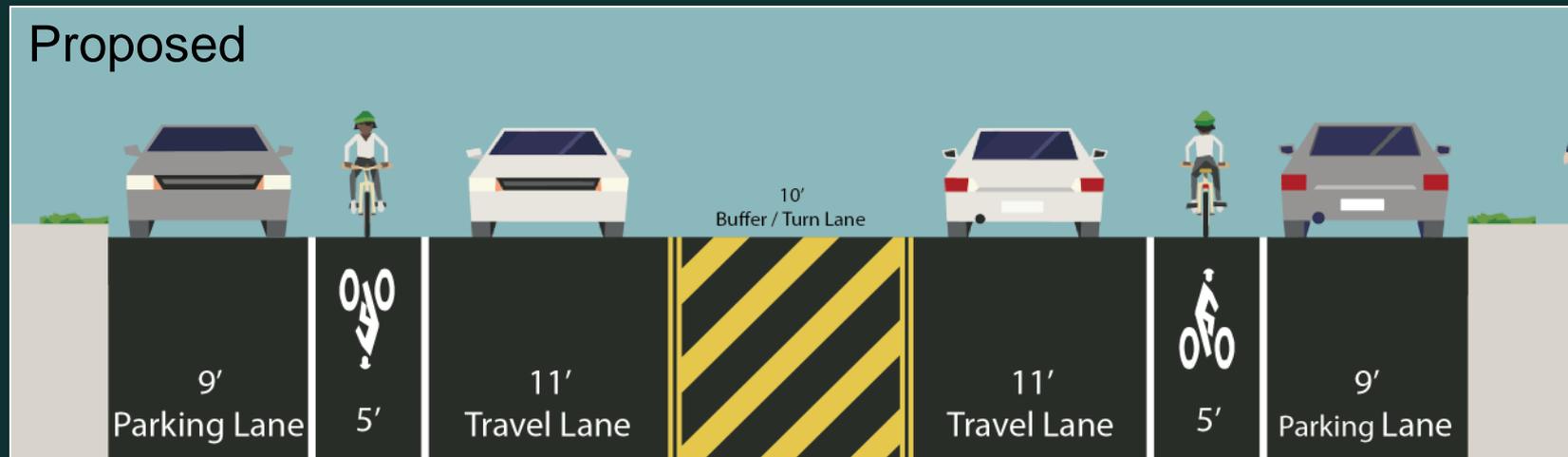
- 491 vehicles (at Clove Lake Pl, 4pm-5pm)

# Proposed Condition: Forest Ave to Broadway

## Existing

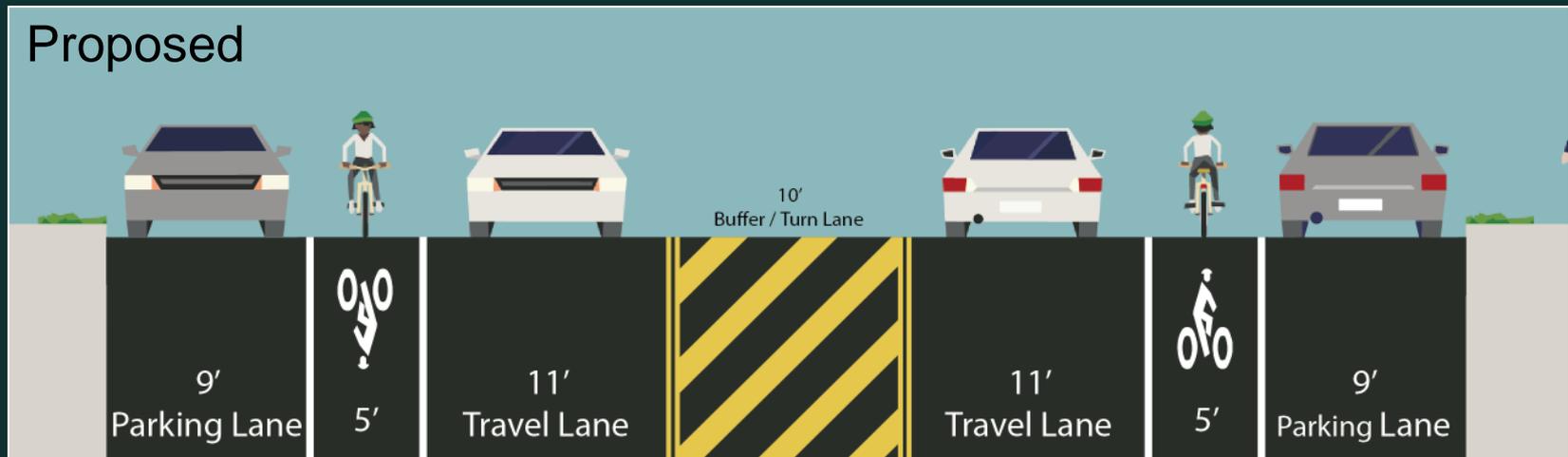


## Proposed



# 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

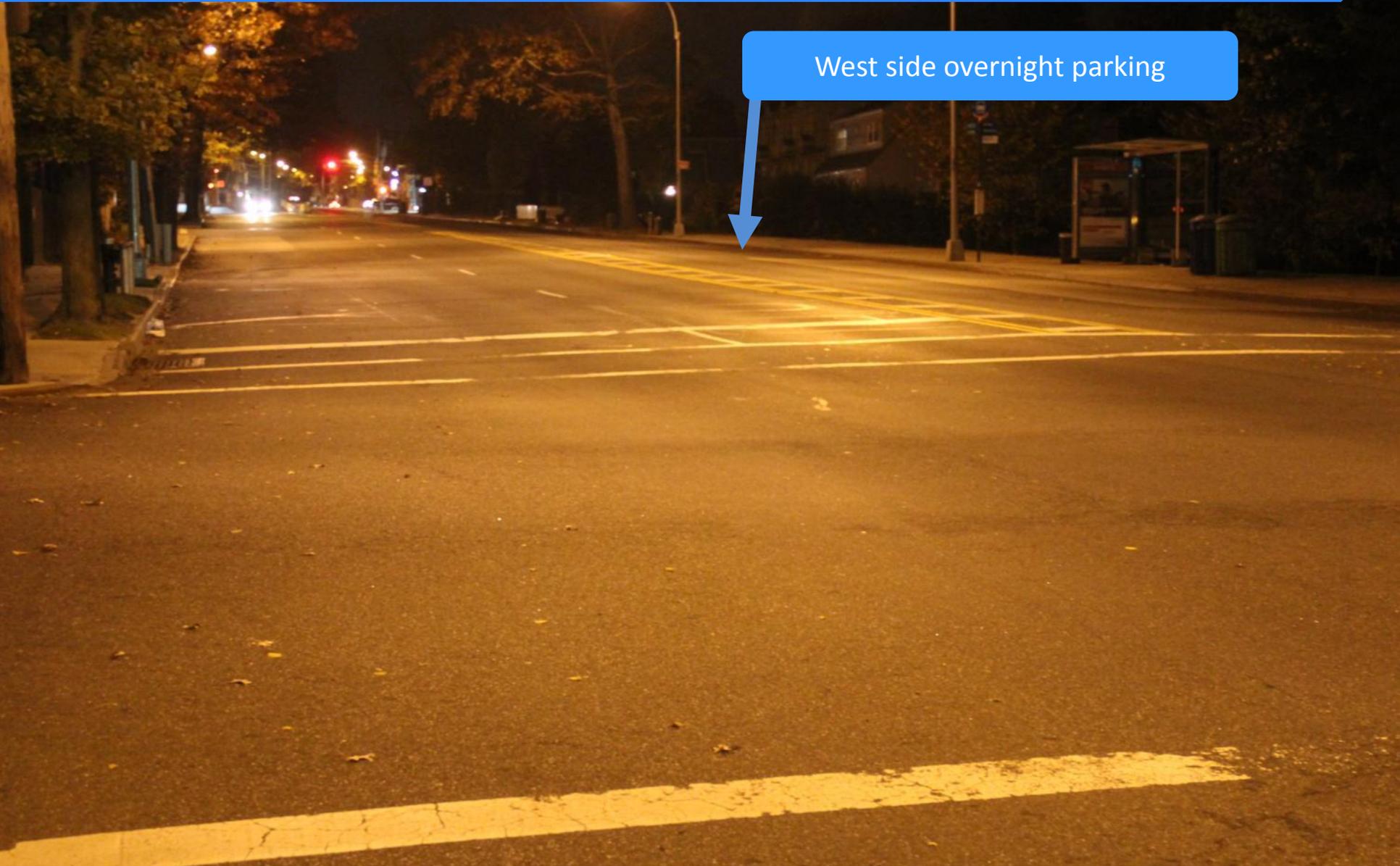
West side overnight parking



- 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

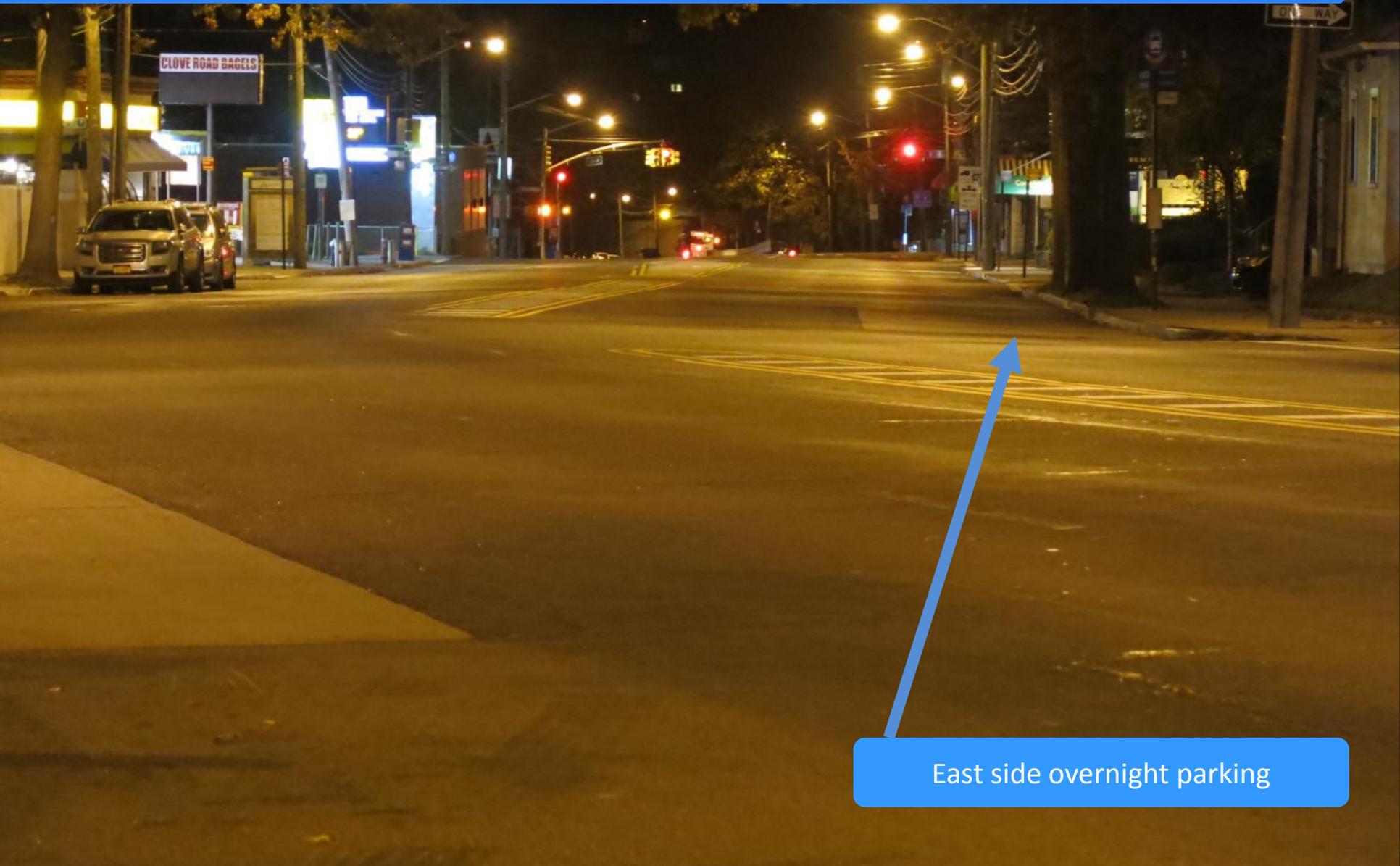
# Existing Condition: Overnight Parking

West side overnight parking



Clove Rd looking south at Cheshire Pl

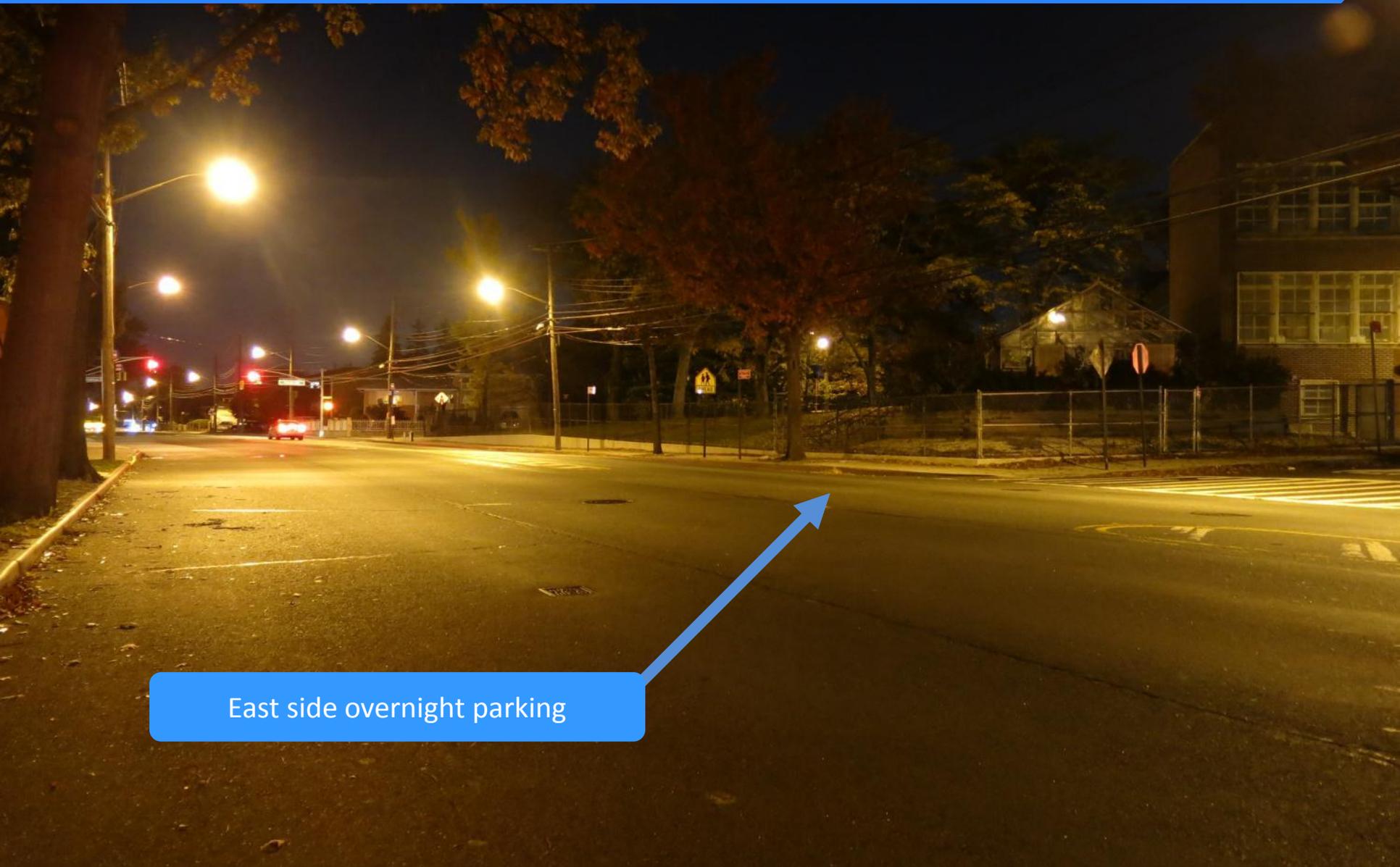
# Existing Condition: Overnight Parking



East side overnight parking

Clove Rd looking north at Van Cortlandt Ave

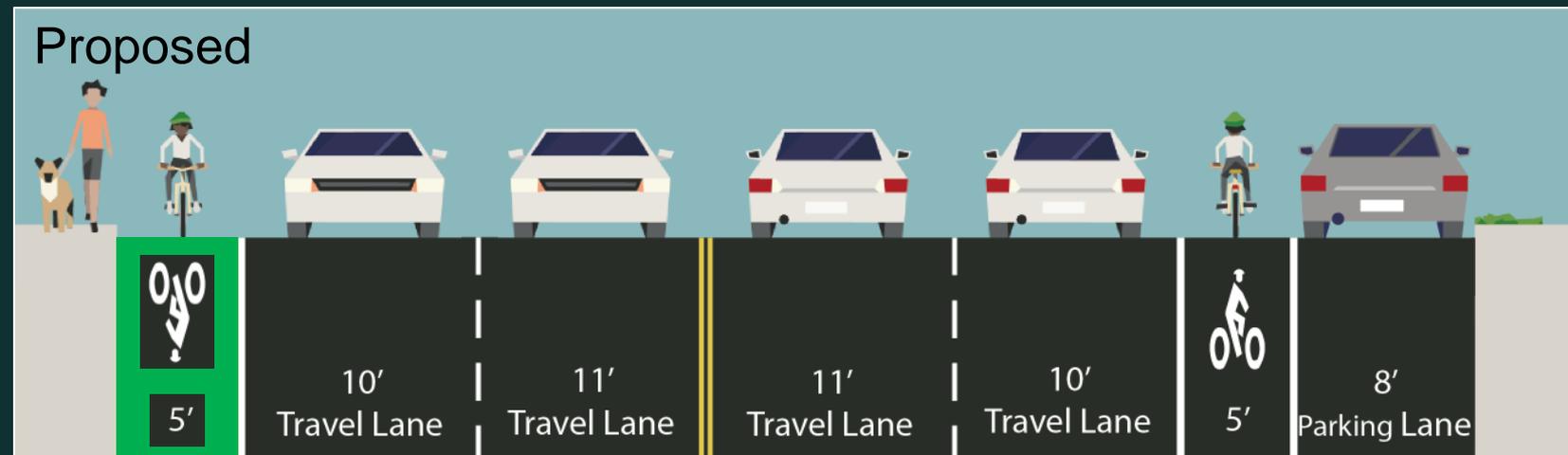
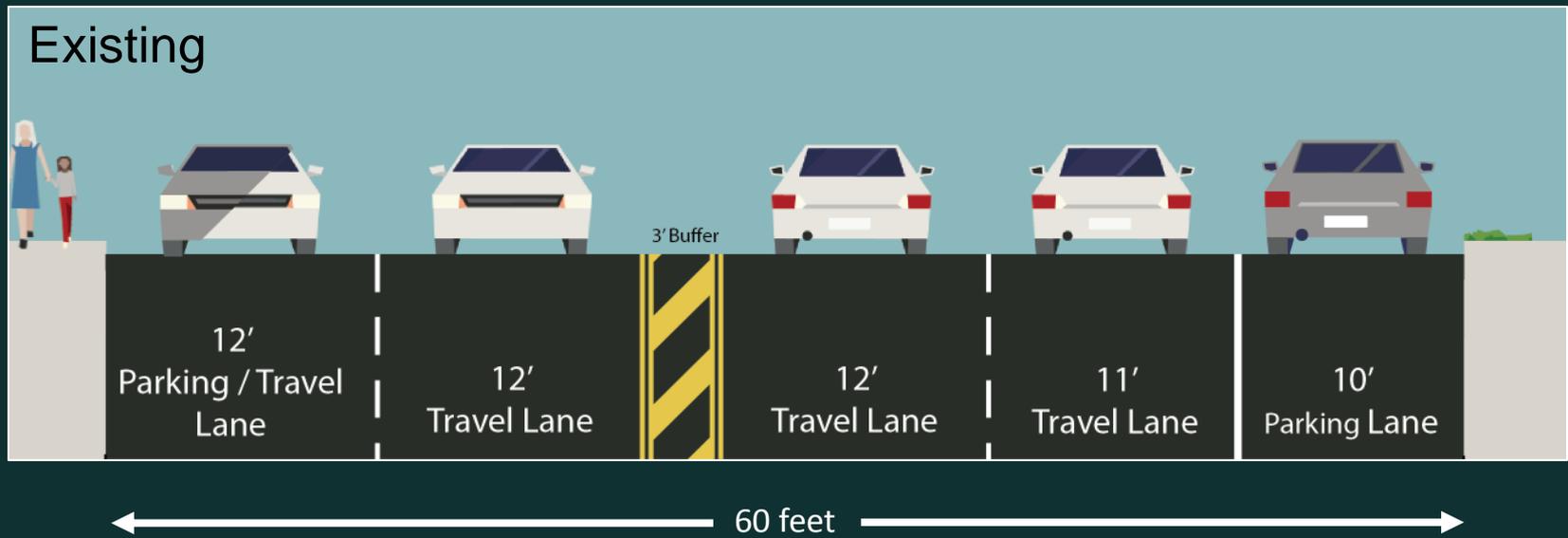
# Existing Condition: Overnight Parking



East side overnight parking

Clove Rd looking north at Martha St

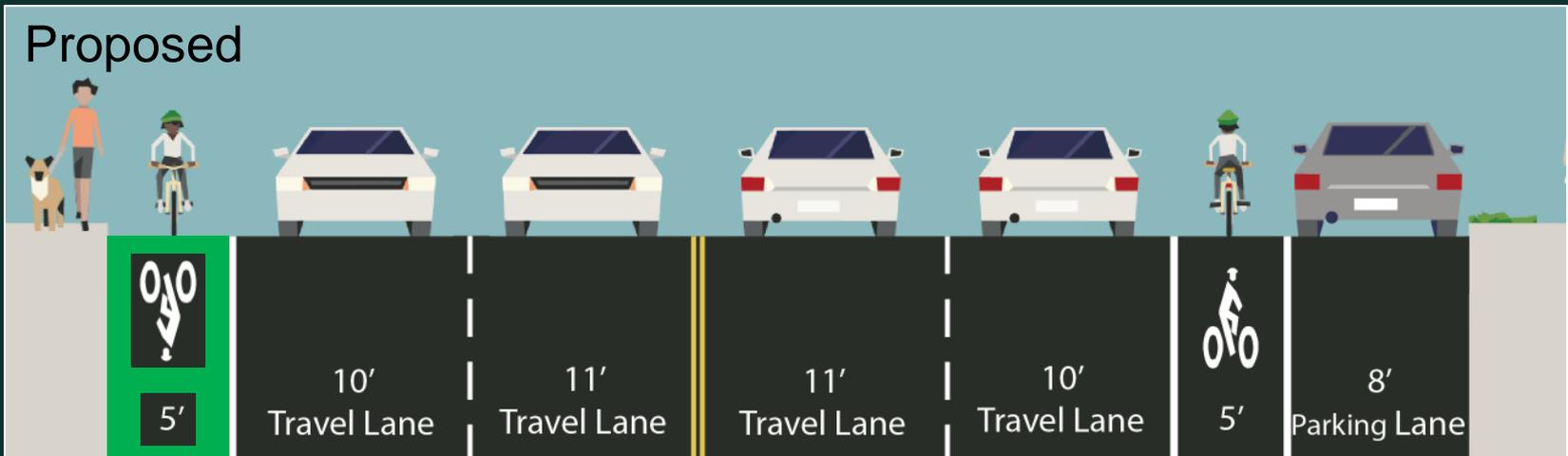
# Proposed Condition: Broadway to Howard Ave



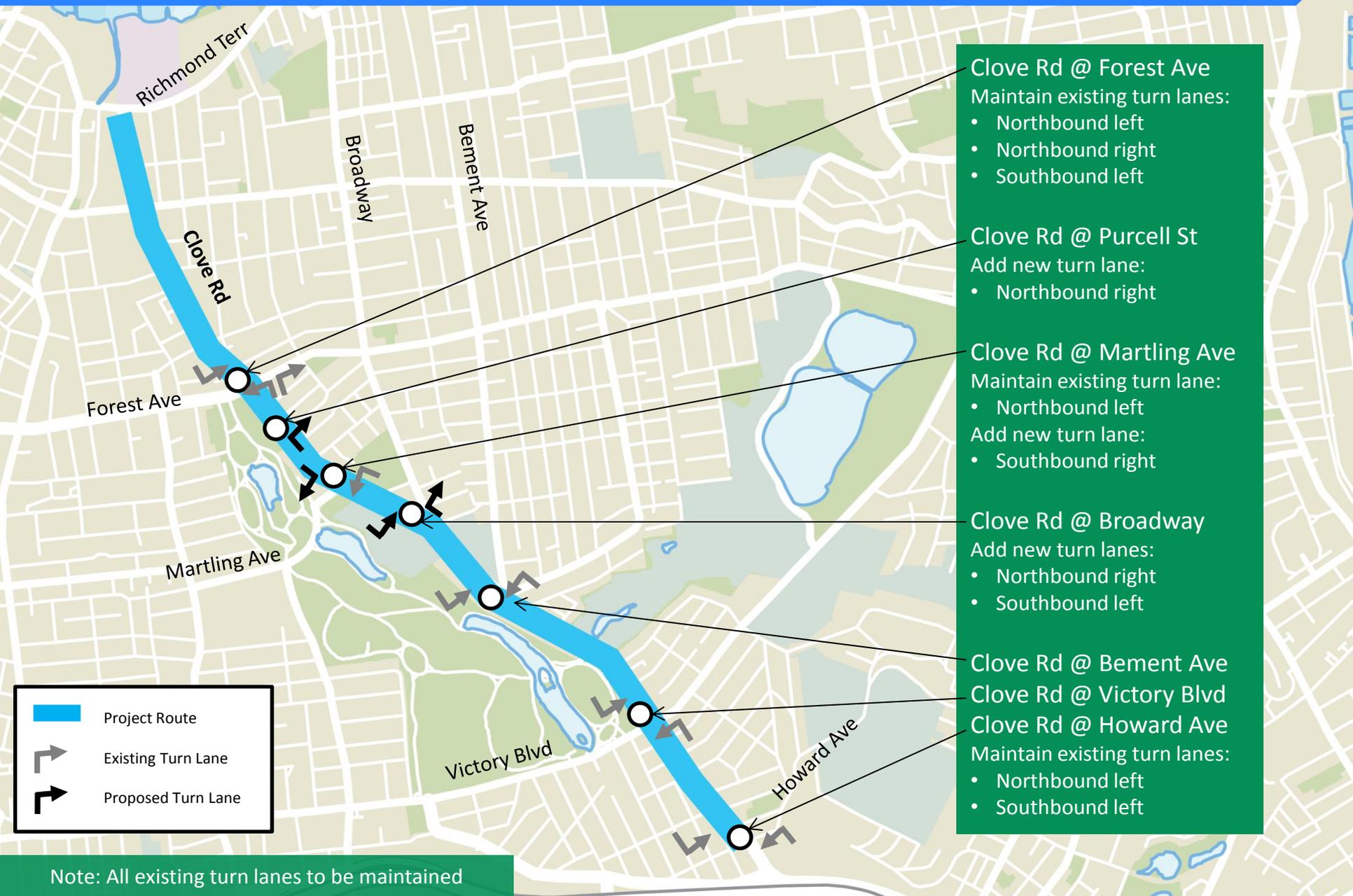
# Proposed Condition: Broadway to Howard Ave

- 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

60 feet



# Clove Road Proposed Turn Lane Locations



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

 Project Route

 Existing Turn Lane

 Proposed Turn Lane

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