

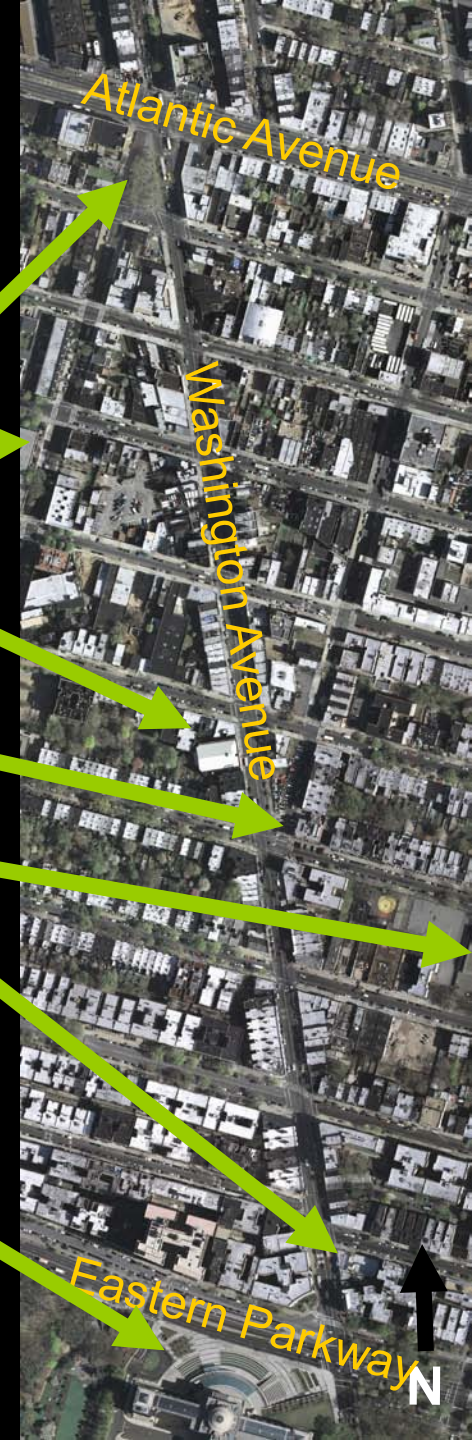
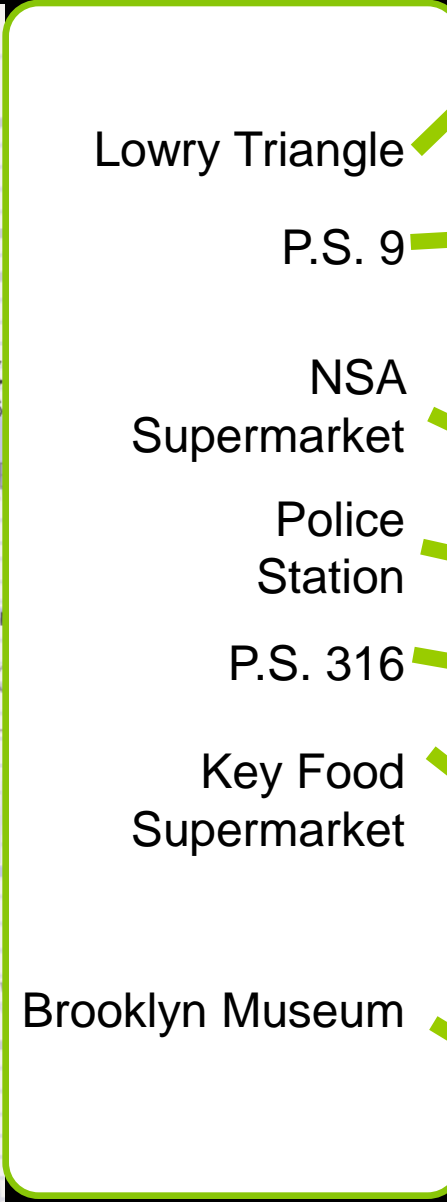
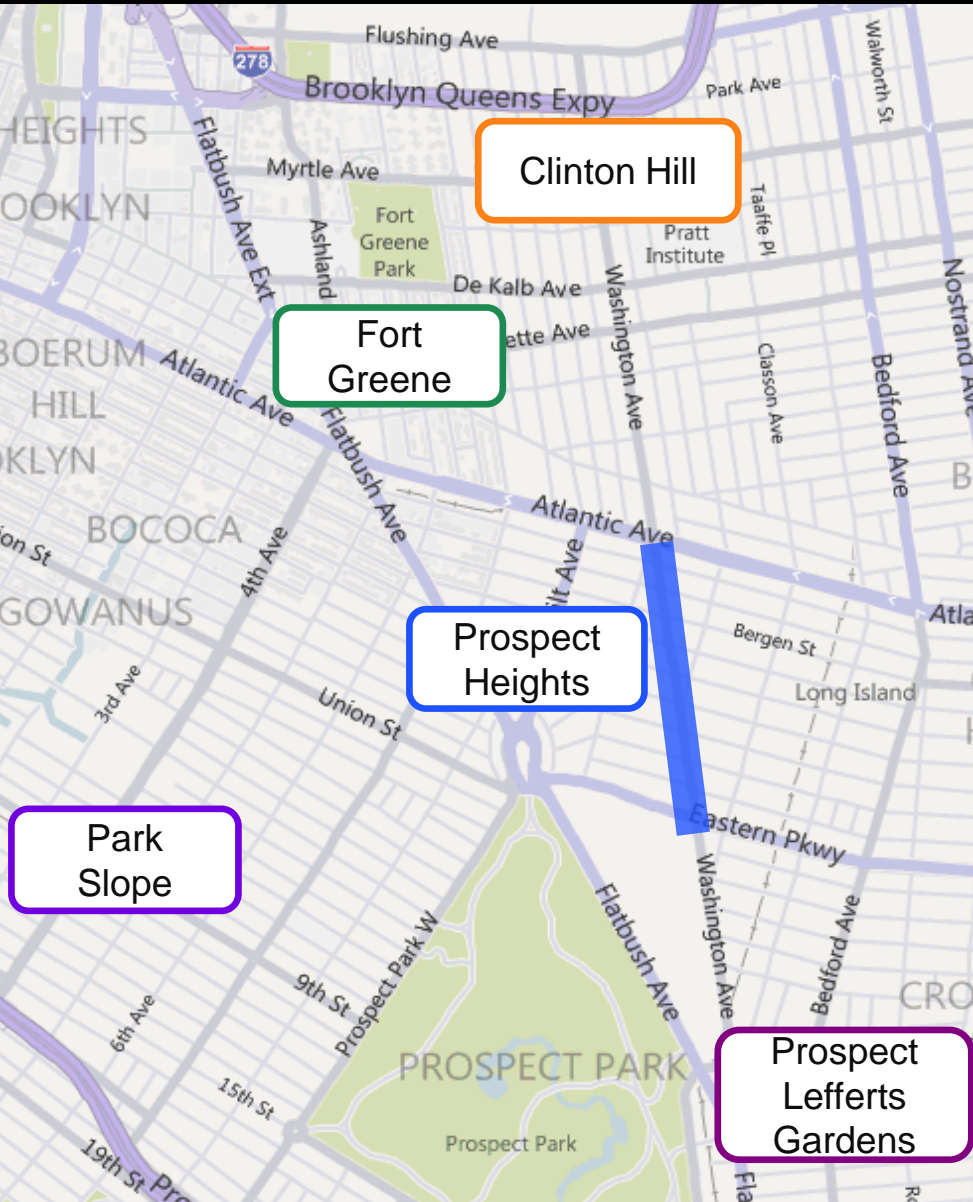
Washington Avenue

Corridor Safety Improvements

2011



Prospect Heights



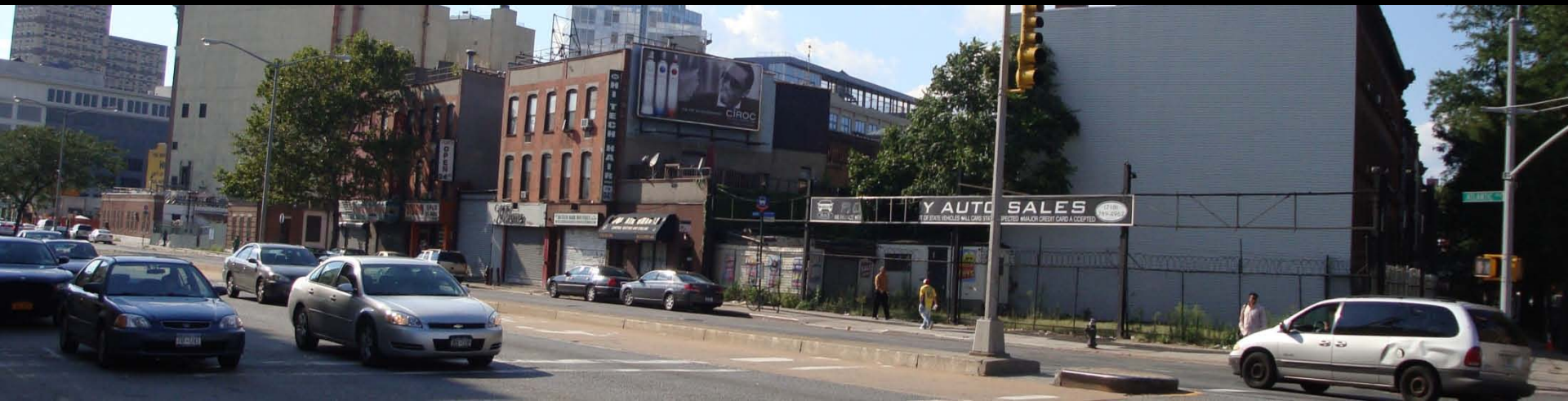
Background

Community Request

- Winter 2011: P Street Block Association requests improvements at Atlantic and Washington
- Has a community petition with over 330 signatures
- Winter 2011: Multiple presentations and workshops with WAPHA to develop Corridor Safety Improvements

Pedestrian Safety Issues

- Unprotected desire lines
- Long crossings
- Long waits for pedestrian signal
- Weaving traffic

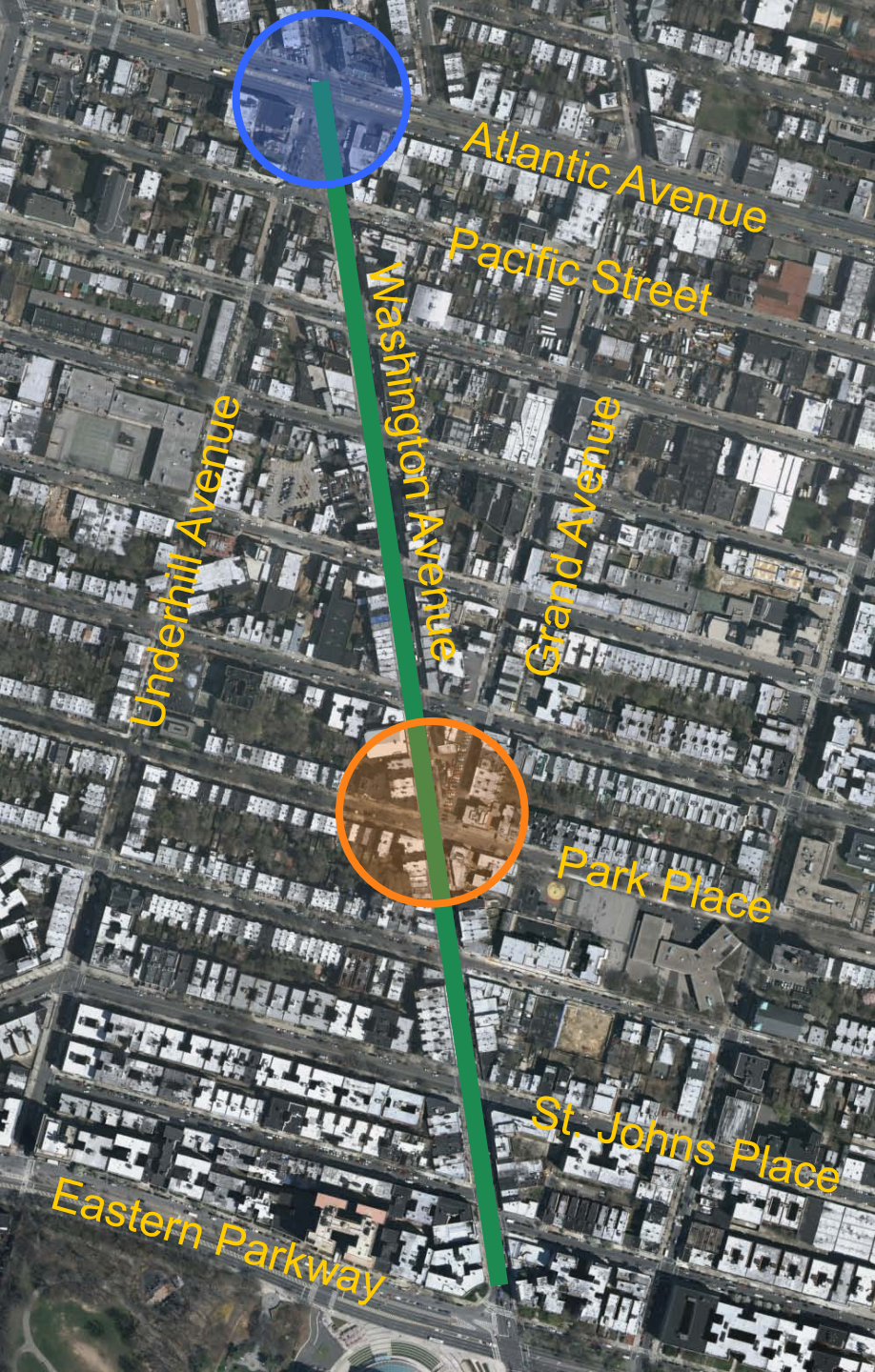


Focus Areas

1. Atlantic Ave at Washington

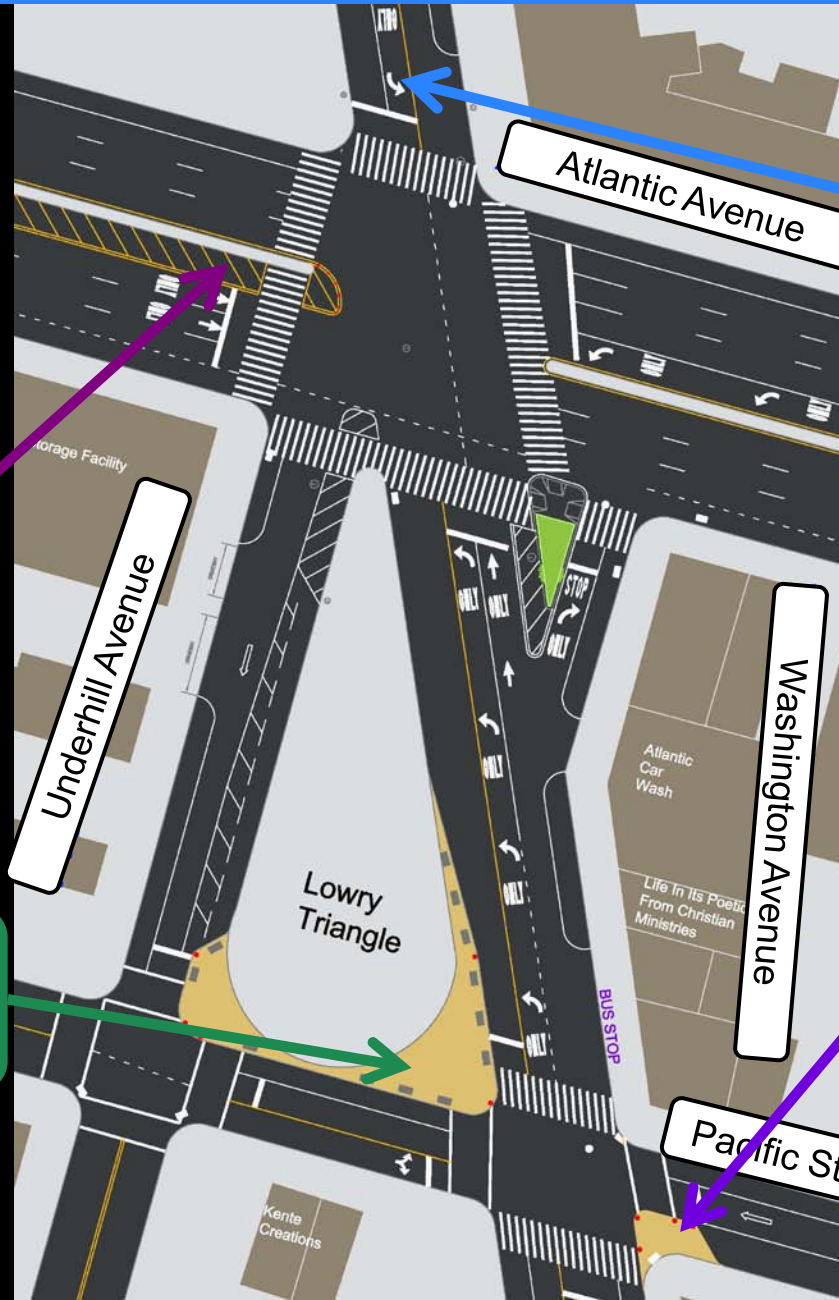
2. Park Place and Grand Ave

3. Washington Corridor Treatment



1. Atlantic Ave at Washington – 2011

Pre-DEP
Sewer Main
Work



New Left Turn
Bay

Left Turn
Ban

Painted Park
Expansions with
Granite Blocks

Approved by
CB 8 & CB 2

Blockbuster
Painted
Neckdown

Pacific Street

Plan

1. Atlantic Ave at Washington - 2012

Post-DEP
Sewer Main
Work

New Left Turn
Bay and New
Neckdown

New Pedestrian
Refuge

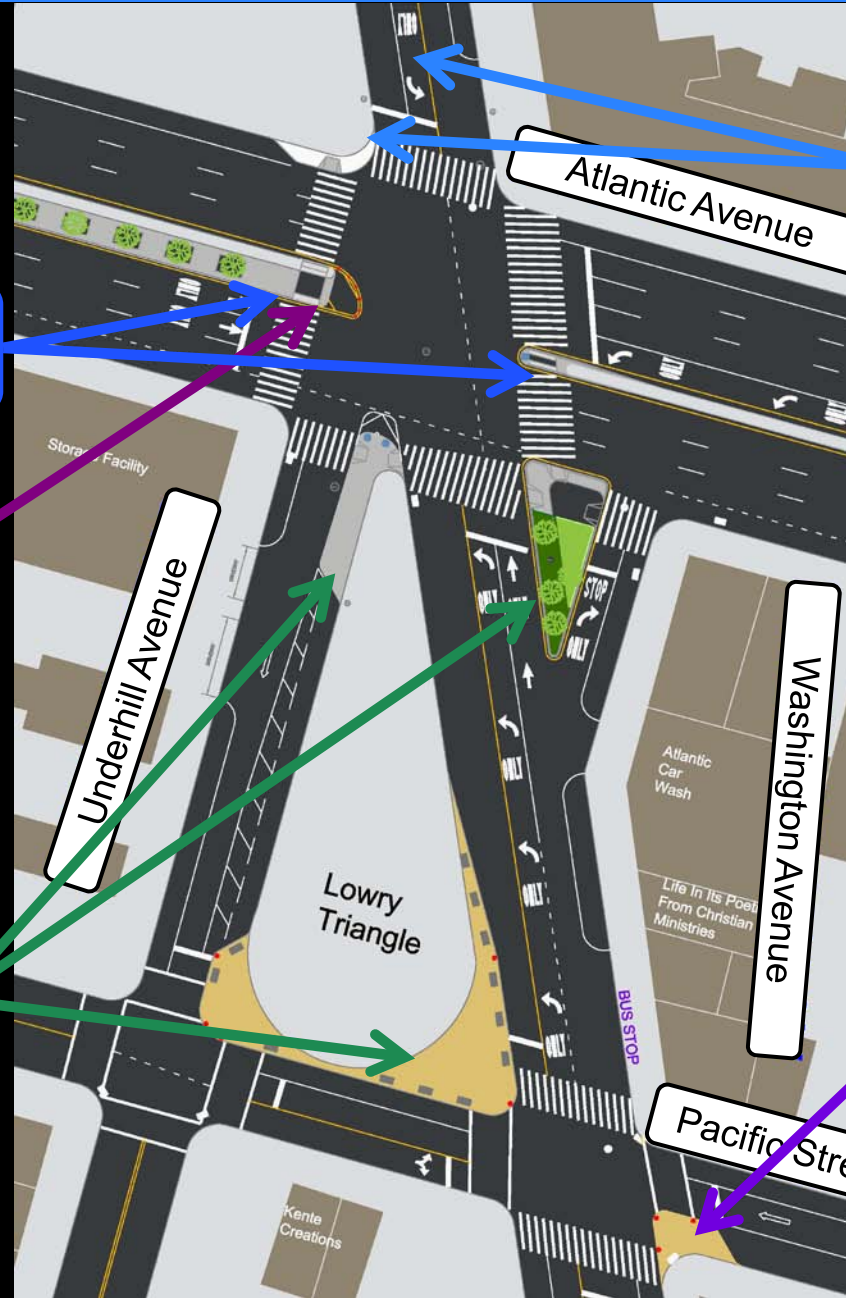
Approved by
CB 8 & CB 2

Left Turn
Ban

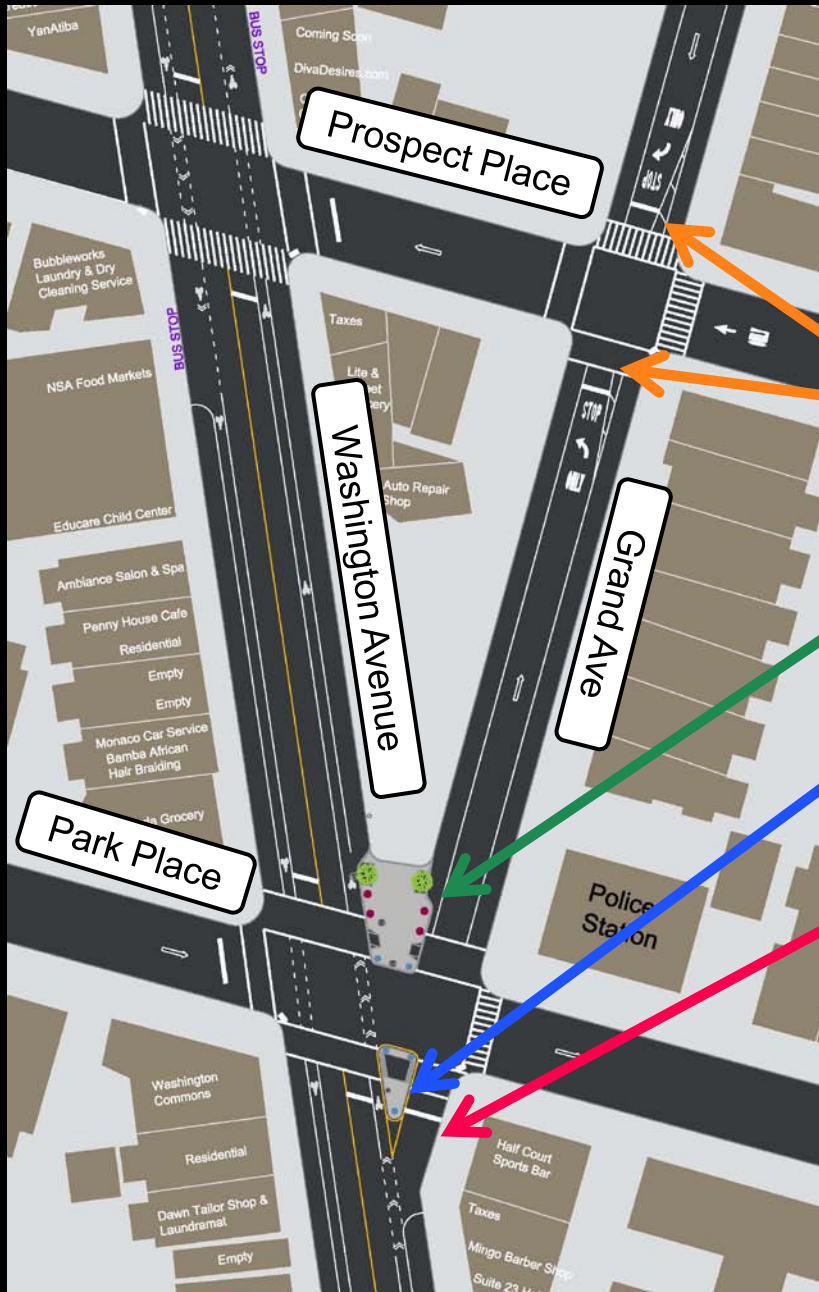
Park and
Greenstreets
Expansions

Blockbuster
Painted
Neckdown

Plan



2. Park Place and Grand Avenue - 2011



Approved by
CB 8

Blockbuster Markings

Landscaped sidewalk
extension

Safety Island

Loss of 2 parking
spaces

Plan

3. Washington Proposed Corridor Treatments

- CB8 recommended:
 - More outreach to Washington Avenue
 - Requested return meeting
- WAPHA , Heart of Brooklyn and DOT surveyed businesses on their needs and issues
- Two presentations, on February 10 and March 9, were organized by WAPHA for community input
- One workshop on the corridor was held on April 5 with WAPHA

3. Washington Proposed Corridor Treatments

Goals that came out of WAPHA /DOT meetings:

- Increase safety for all users
- Improve traffic flow
- Support local business needs

Three Proposed Corridor Treatments to meet these goals:

- A. New Curb Regulations
- B. New Signal Timing
- C. New Striping Plan



3. Washington Ave: Eastern Pkwy – Atlantic Ave

**Washington Ave: Eastern Pkwy – Atlantic Ave
2005 – 2009**

	Total Injuries	Average Injuries/Yr
Pedestrian	46	10.9
Bicyclist	20	4.7
Motor Vehicle Occupant	253	60.1
Total Injuries	319	75.8

Source Data: NYS Dept of Motor Vehicles/NYC Dept of Transportation



A. New Curb Regulations

Bus stops shortened = +4 spots

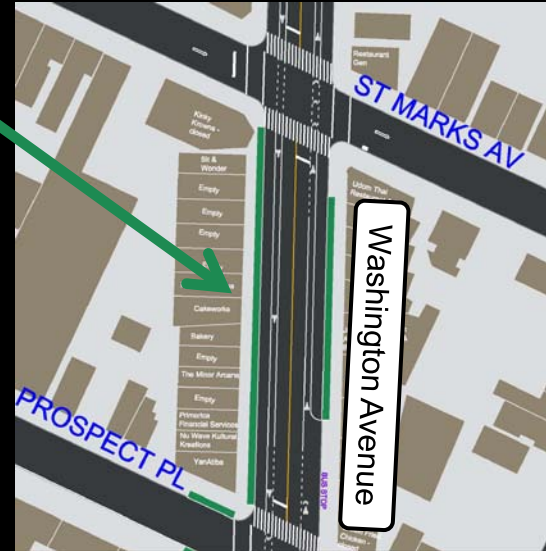


Loading zones for truck deliveries from 8:30 am – 4 pm



A. New Curb Regulations

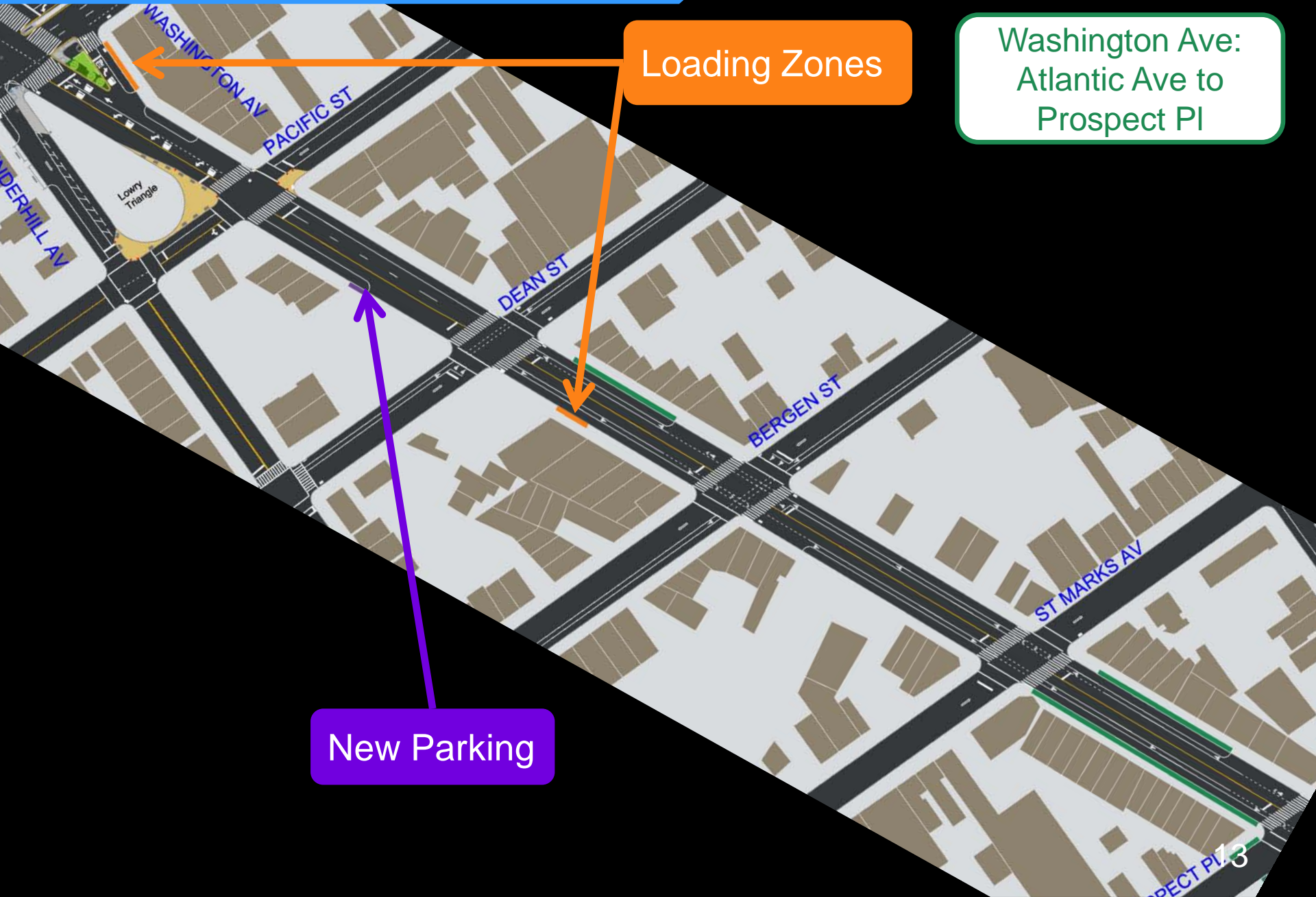
New meters in front of retail



Standardized 2 hour parking 8:30 am – 7pm for all existing meters



A. New Curb Regulations



Loading Zones

Washington Ave:
Atlantic Ave to
Prospect Pl

New Parking

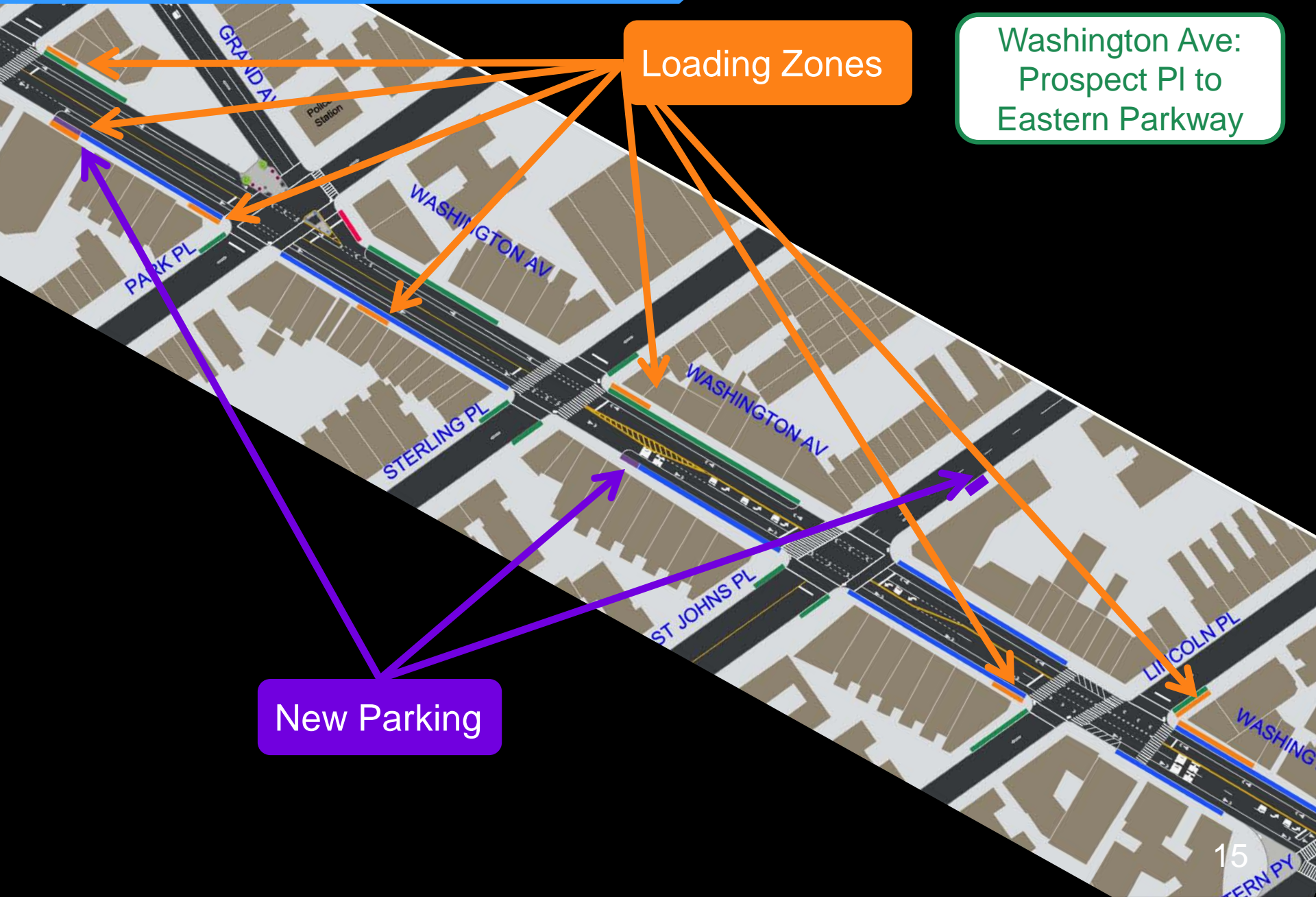
A. New Curb Regulations

Washington Ave:
Atlantic Ave to
Prospect Pl

New Meters



A. New Curb Regulations



Loading Zones

Washington Ave:
Prospect Pl to
Eastern Parkway

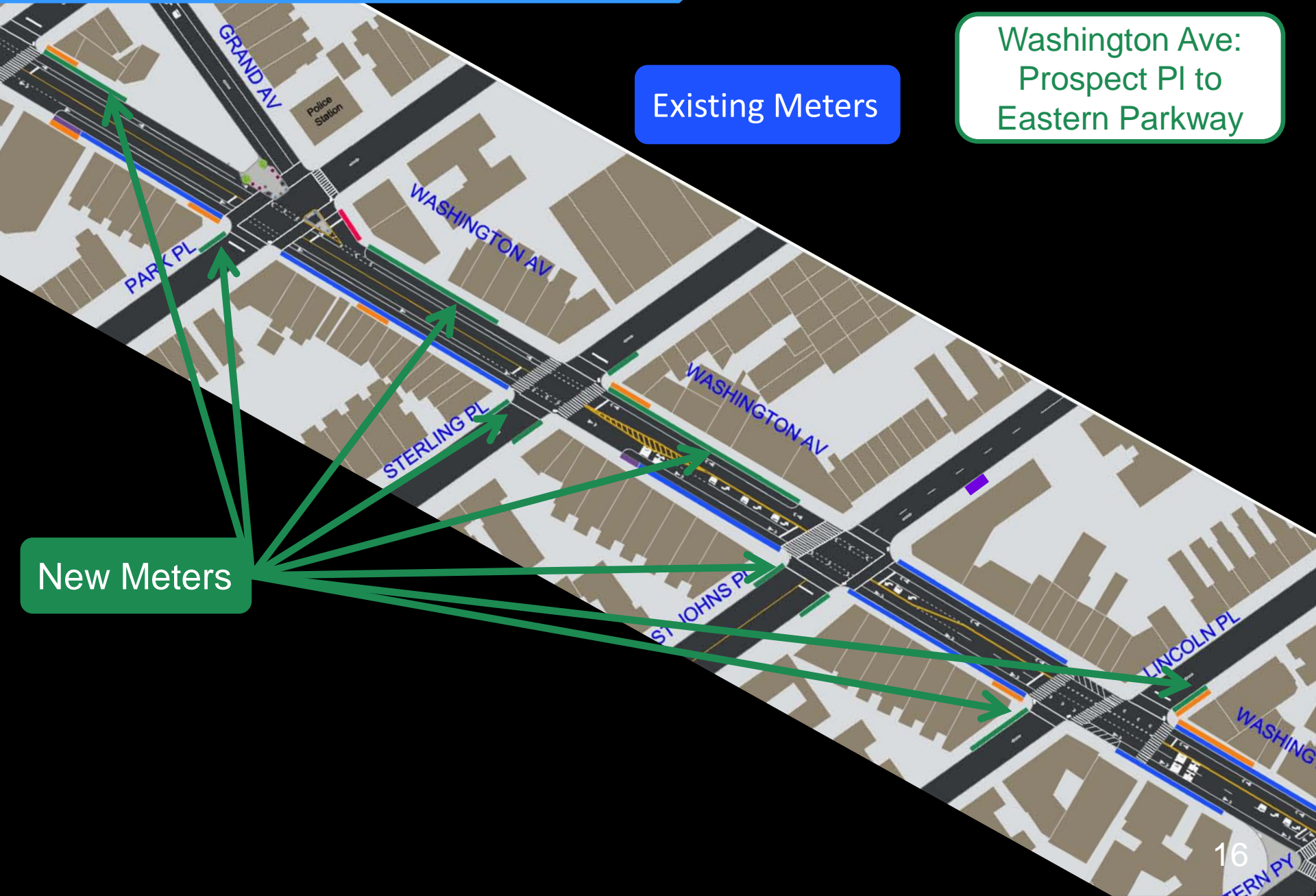
New Parking

A. New Curb Regulations

Existing Meters

Washington Ave:
Prospect Pl to
Eastern Parkway

New Meters



B. New Signal Timing

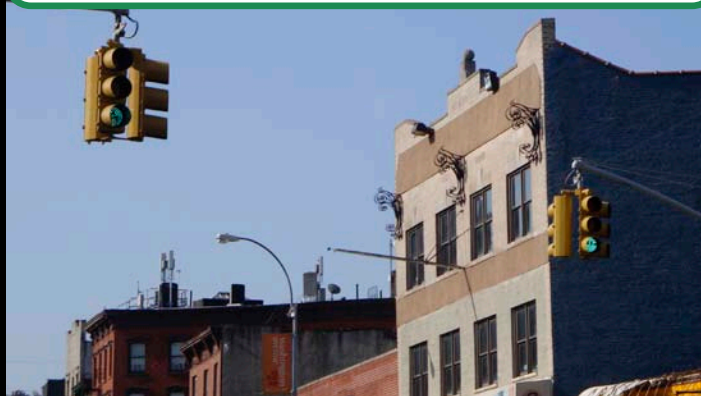
Improved traffic flow



Less wait time



Better signal coordination and traffic flow



Reduced Jaywalking and speeding



Existing Striping

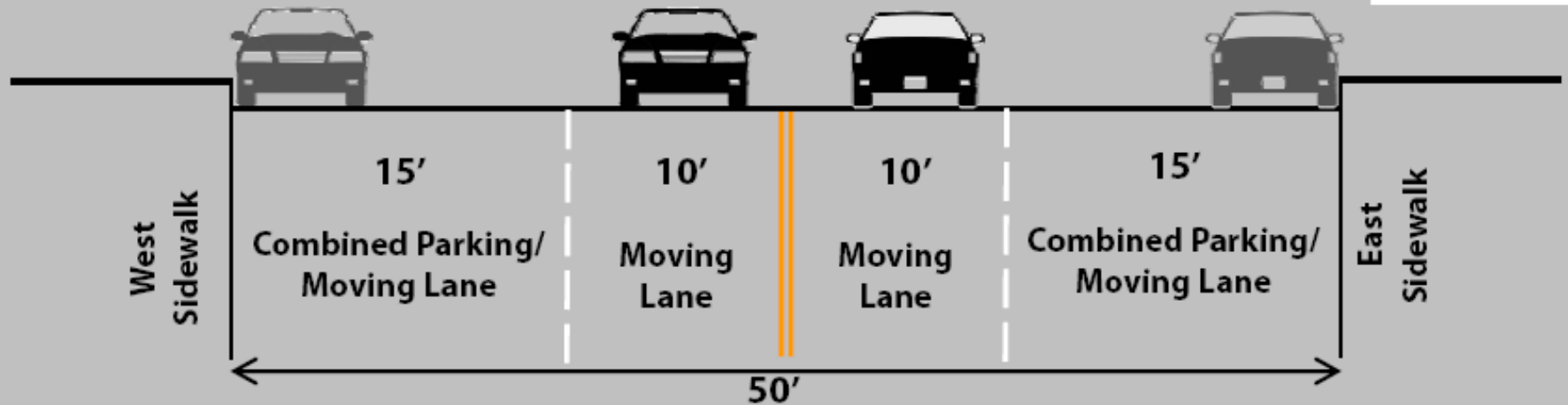


Confusing striping:

1. Too wide for parking lane
2. Too narrow for moving lane

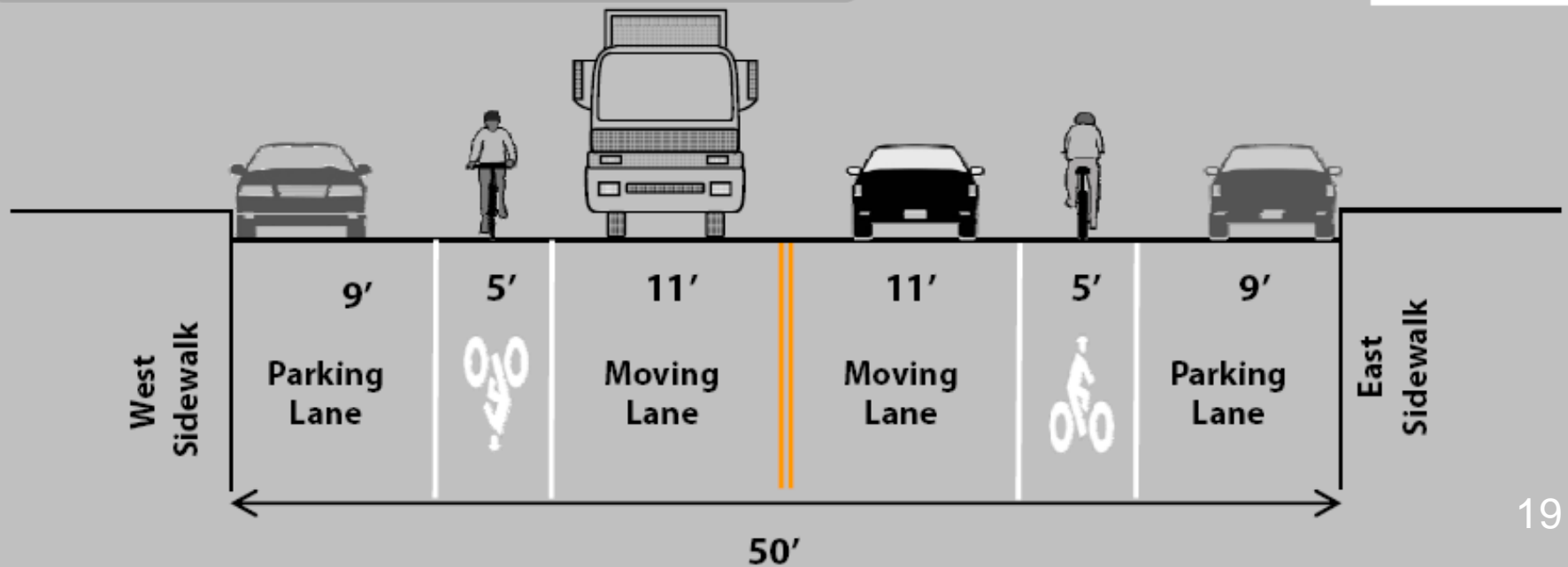
C. Potential Striping Plan

EXISTING

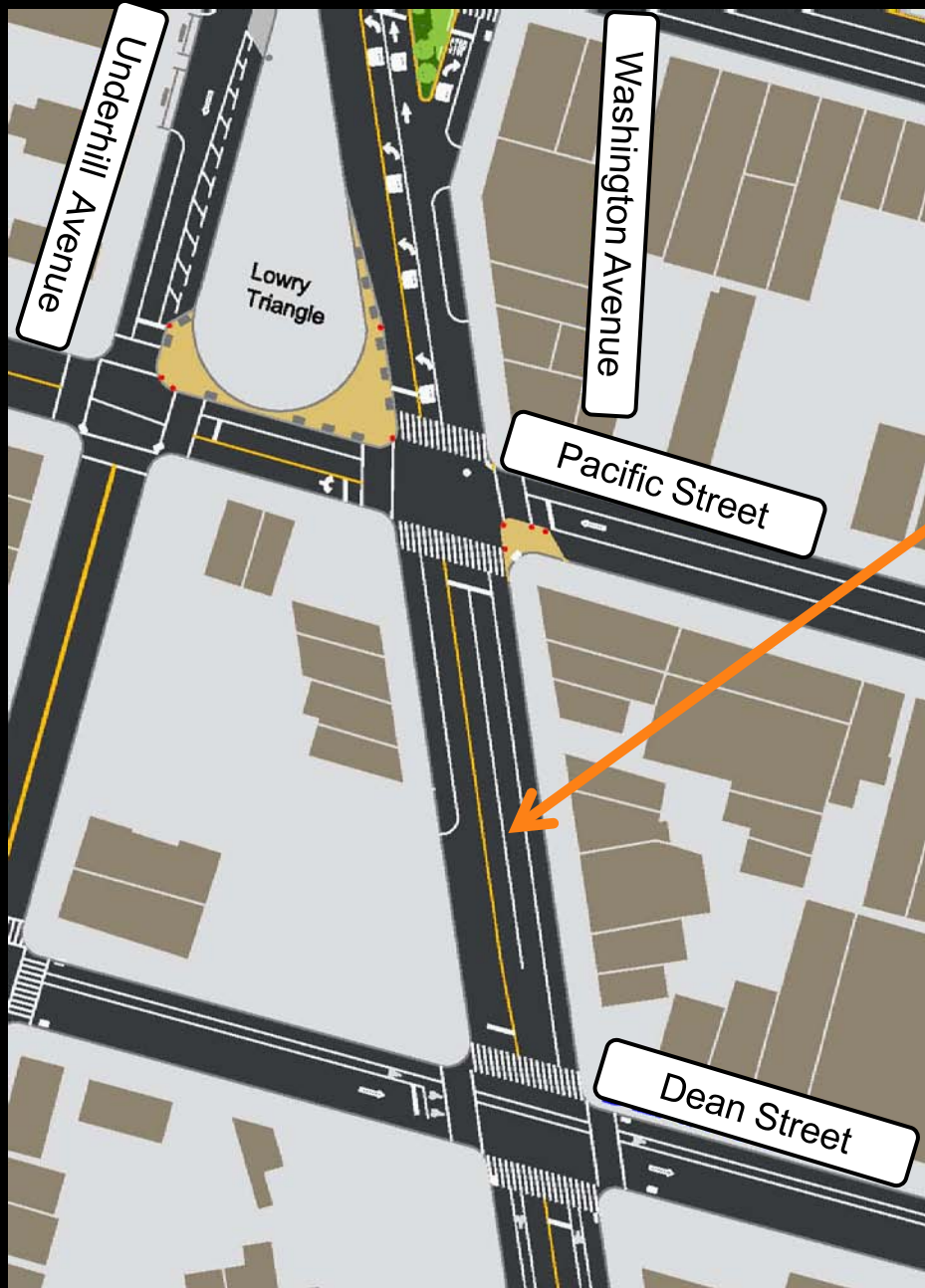


One moving lane with turn bays as needed for reduced vehicle weaving

PROPOSED

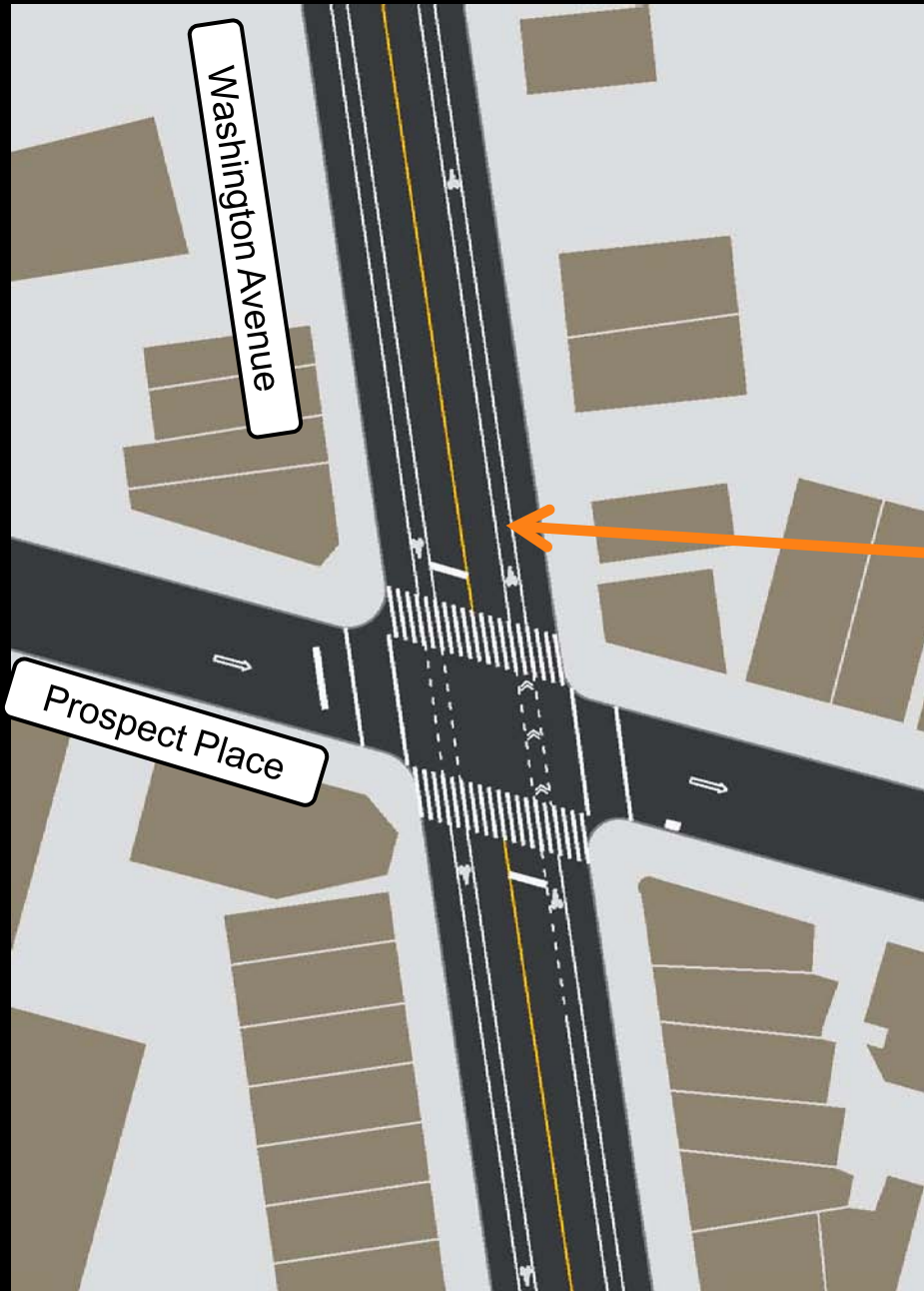


C. Potential Striping Plan



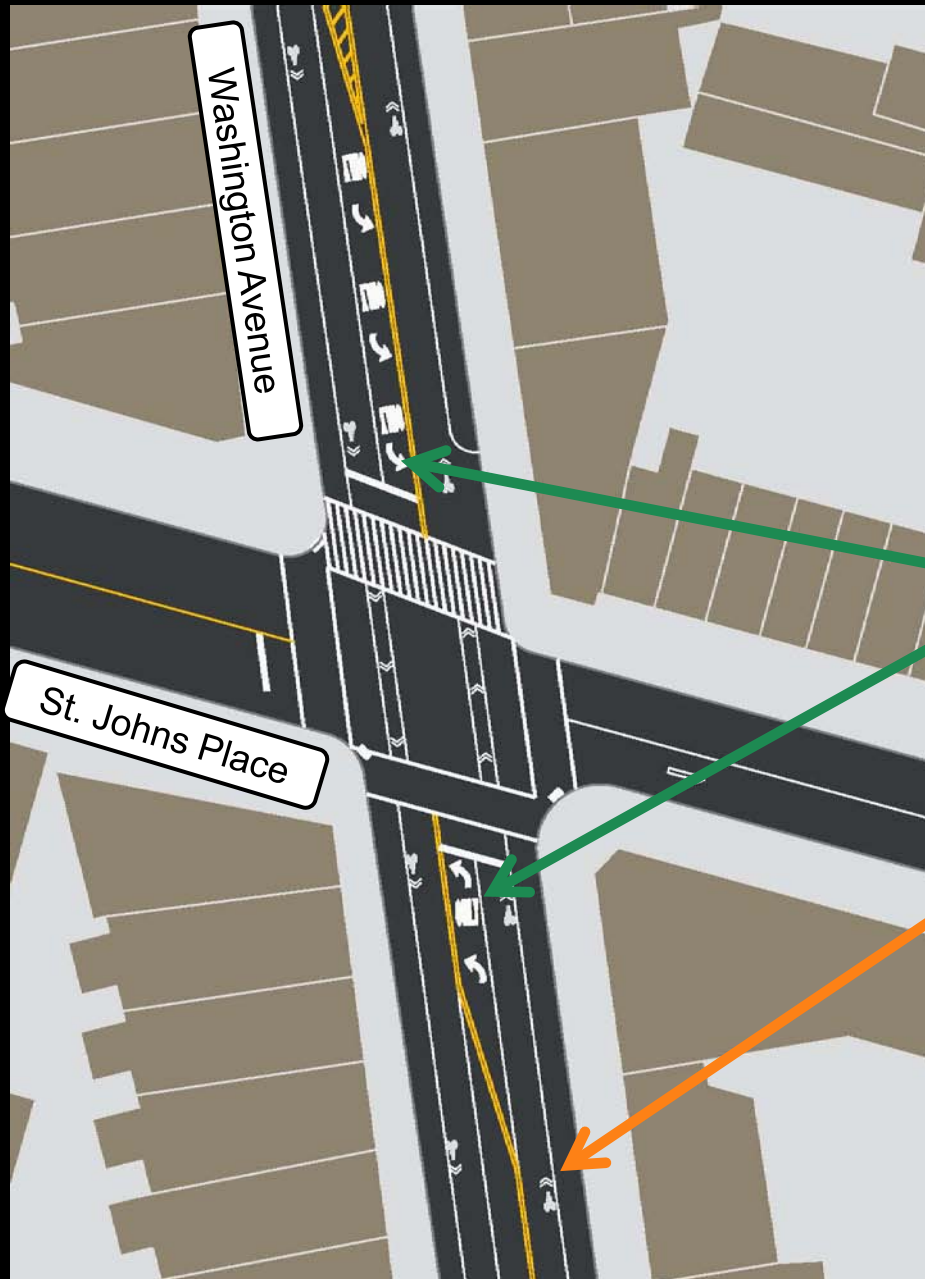
New Two Northbound Lanes
from Dean St to Pacific St

C. Potential Striping Plan



New Road Striping and
Class 2 Bicycle markings
between Sterling Pl and
Dean St

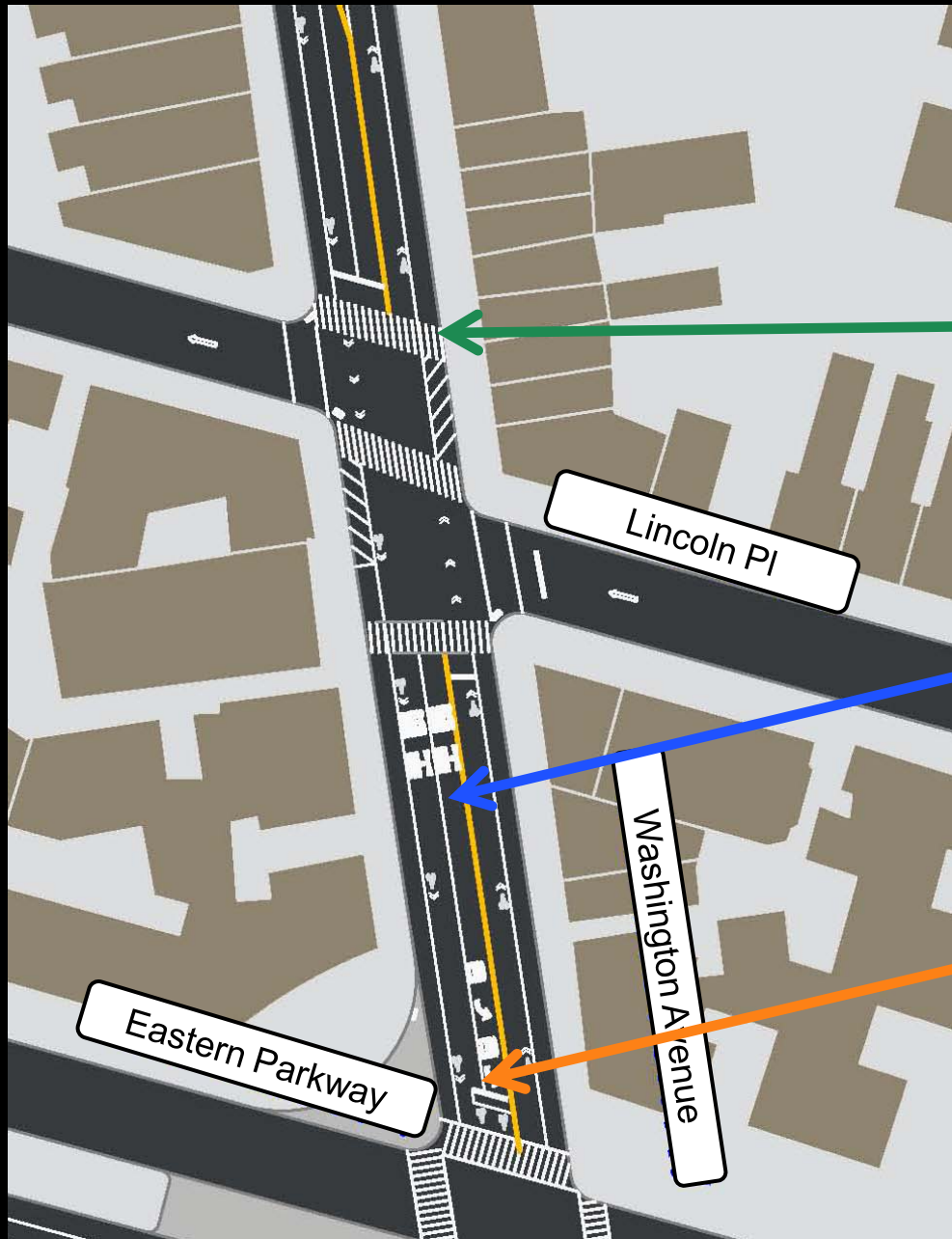
C. Potential Striping Plan



New Turn Bays at St. Johns Place

New Road Striping and class 3 Bicycle markings between Eastern Parkway and Sterling Place

C. Potential Striping Plan



New Crosswalk and
Pedestrian Signal

New Two Southbound
Lanes from St. Johns Pl
to Eastern Parkway

Class 3 Bicycle markings
between Eastern Pkwy
and Sterling Pl

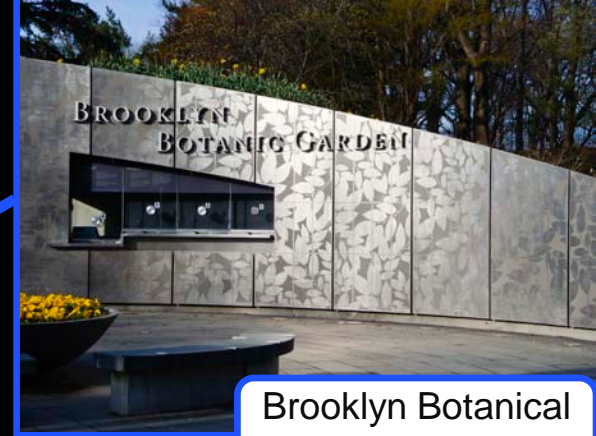
C. Potential Striping Plan

Pedestrian crashes resulting in death or severe injury were 40% less deadly on streets with bicycle lanes

Proposed: Same street width and striping as 5th Ave in Park Slope

Washington Ave Connections

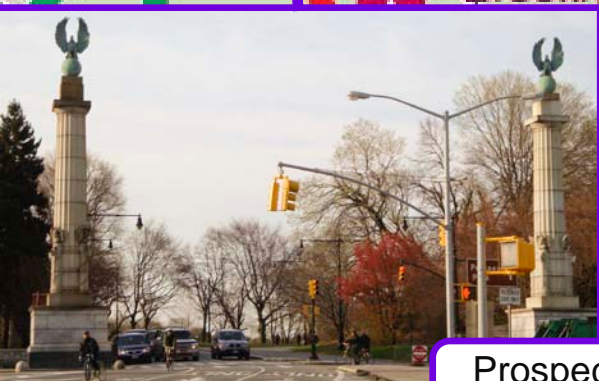
NYC Bicycle Master Plan



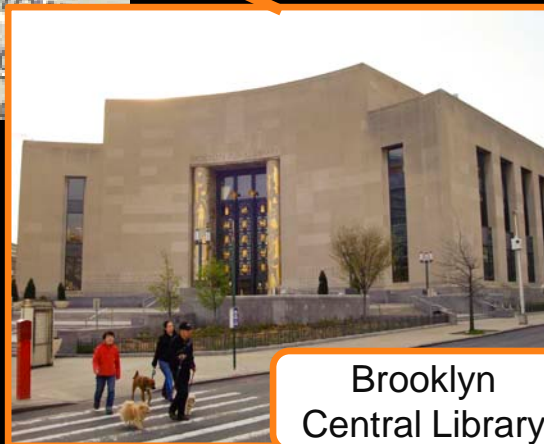
Brooklyn Botanical
Gardens



Eastern
Parkway
Greenway



Prospect
Park



Brooklyn
Central Library



Brooklyn
Museum

Project Benefits

Calms Traffic and Improves Flow

- Reduces dangerous weaving driving pattern
- New signal timing improves traffic flow while slowing speeding cars

Enhances Safety and Mobility

- Establishes space in street for cyclists where their presence can be anticipated
- Establishes designated route for cyclists

Shorten Crosswalks

Enhances access to local business and cultural destinations

NO CHANGE in number of travel lanes or total overnight parking spaces

Proposed Improvements

Community Board 8 approved:

1. Atlantic and Washington Ave Intersection:
 - To be installed 2011:
 - Painted expansion of Lowry Triangle with granite blocks
 - Painted block buster on Pacific Street
 - To be constructed 2012:
 - Safety area will be marked with temporary paint until completion of DEP/DDC water and sewer main project
2. At Grand Ave and Park Place:
 - Concrete improvements will be installed 2011

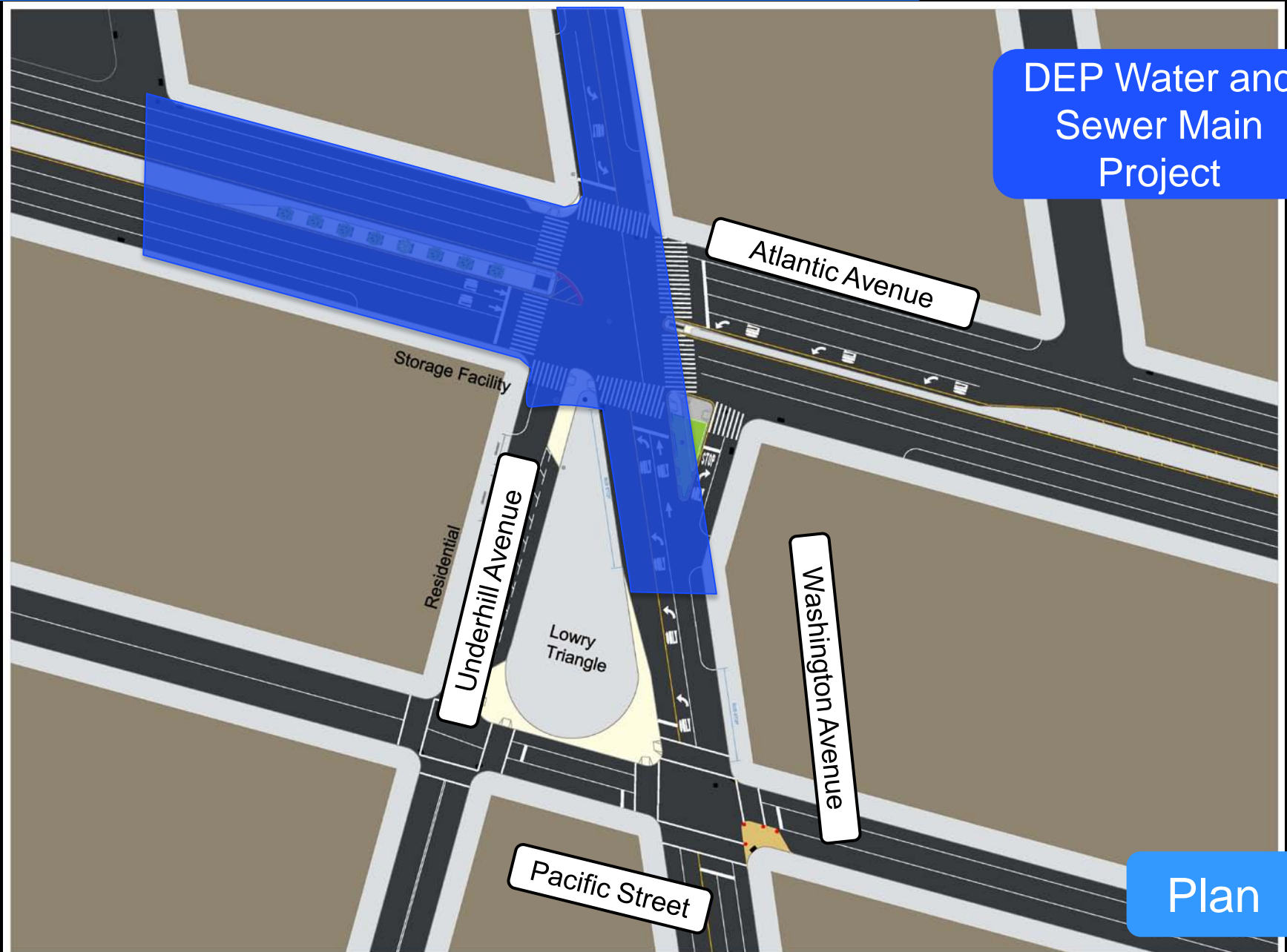
Under consideration tonight:

1. New parking regulations to match corridor needs
2. New striping plan with bicycle lanes

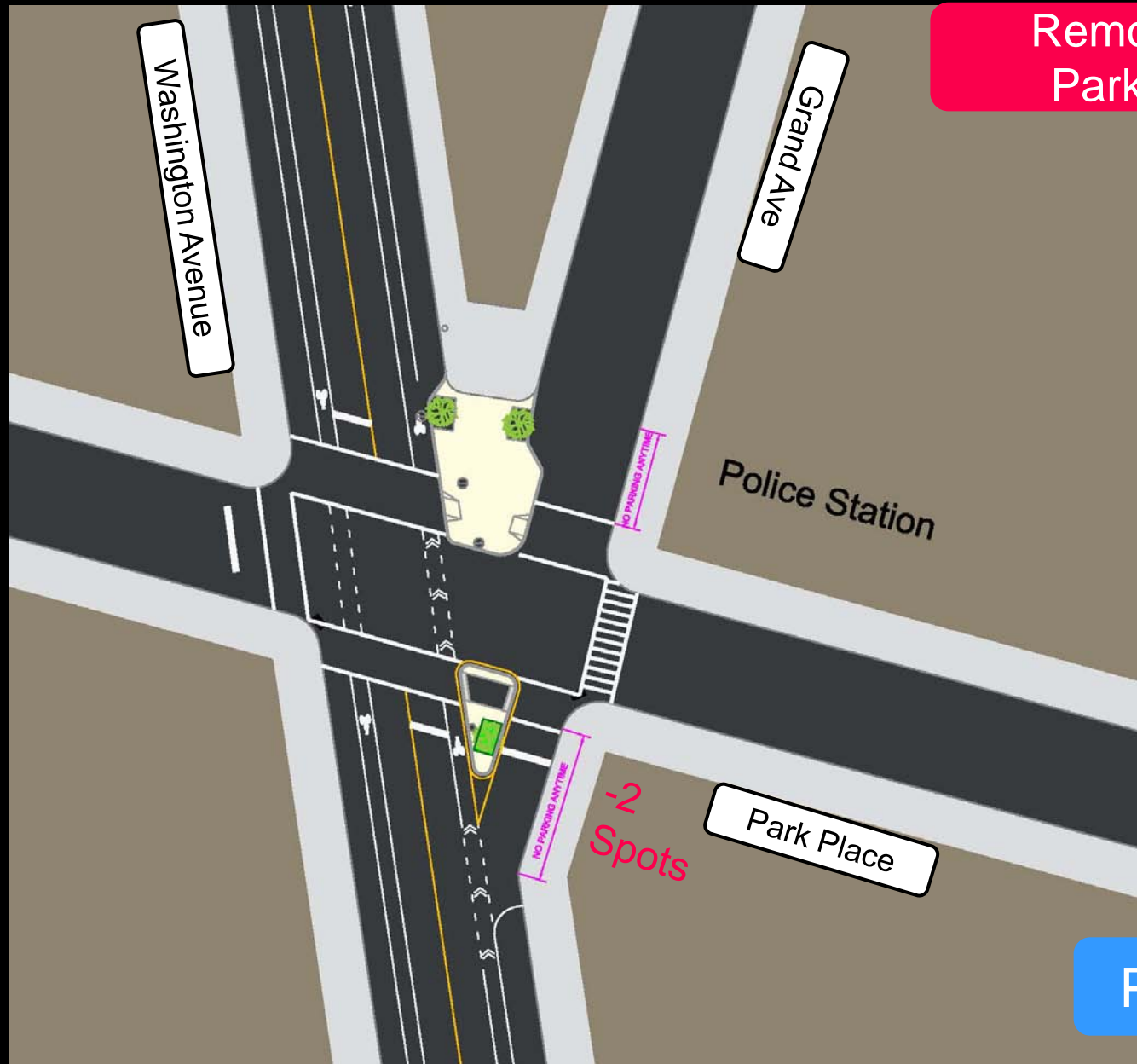
nyc.gov/dot

**Thank
You**

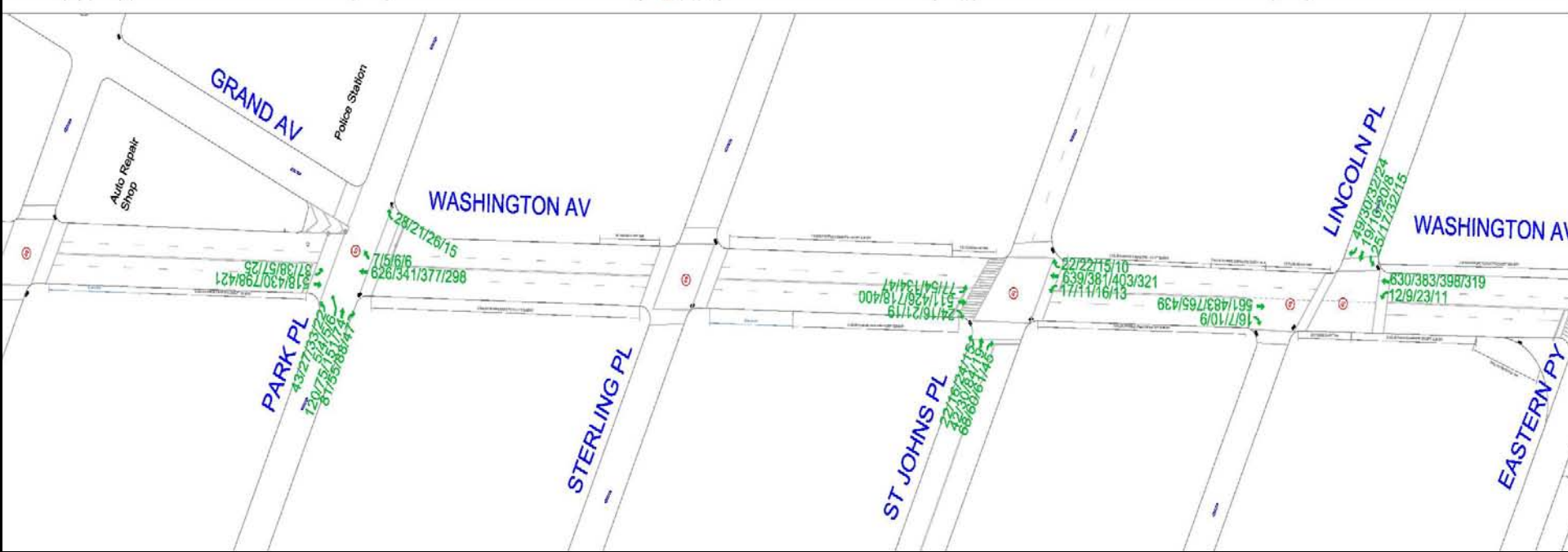
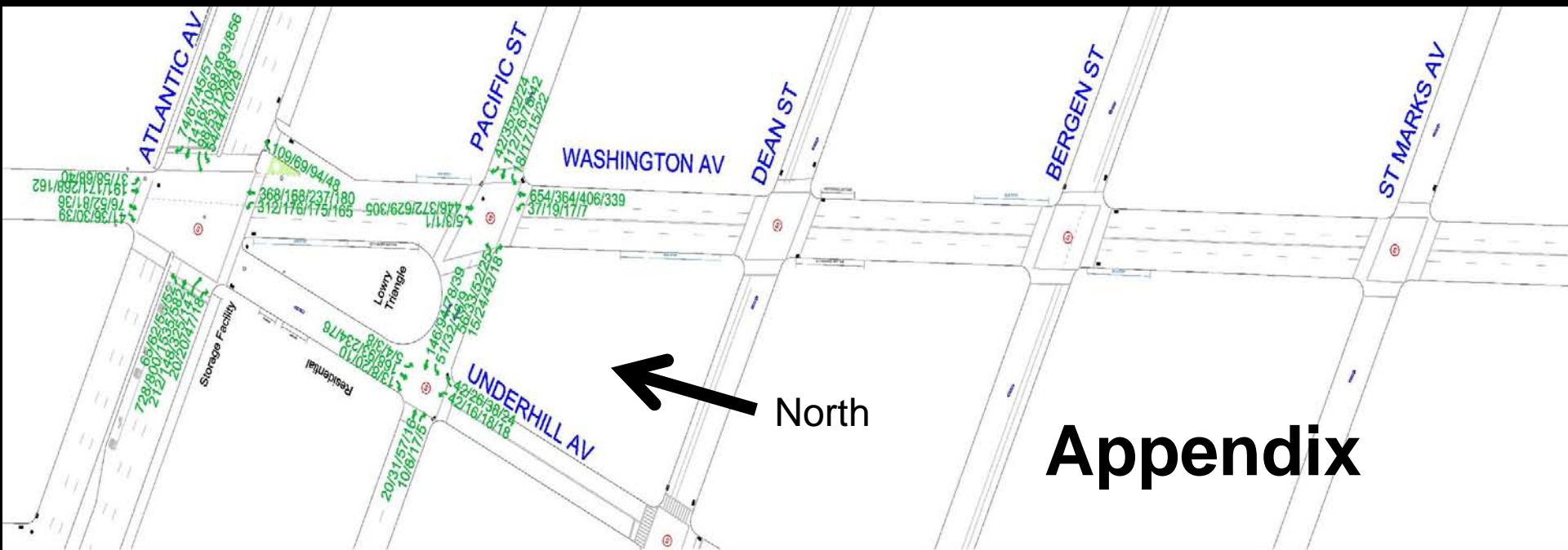
1. Atlantic Ave at Washington



2. Park Place and Grand Avenue



Plan



Project Benefits

- Reduces speeding / calms traffic
- Safer pedestrian crossings
- Crossing distances dramatically shortened
- Eliminates dangerous weaving behavior
- Expands green spaces at Lowry Park and at the intersection of Washington Ave and Grand Ave
- Safe, convenient cycling routes connecting to Eastern Parkway bicycle path
- Enhances streetscape