

# Washington Ave & Atlantic Ave

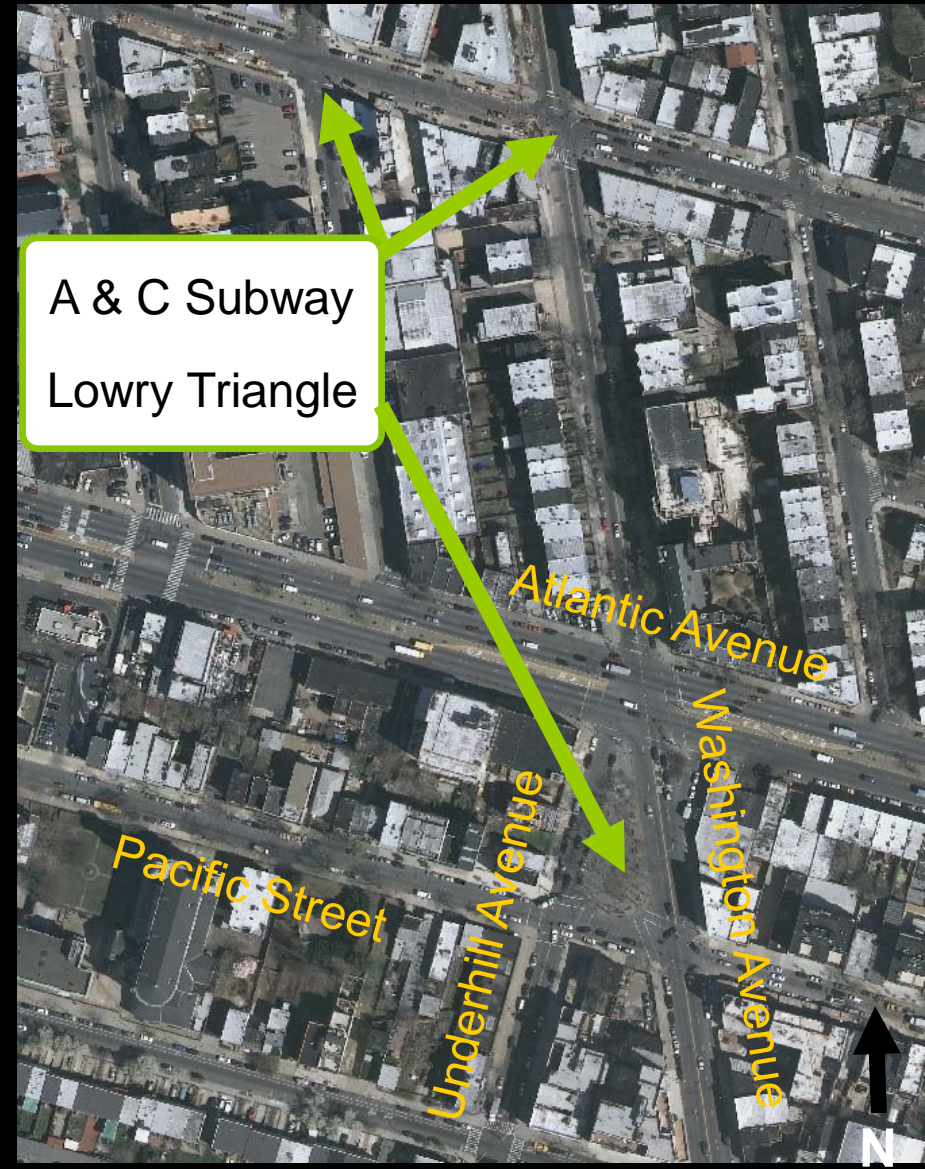
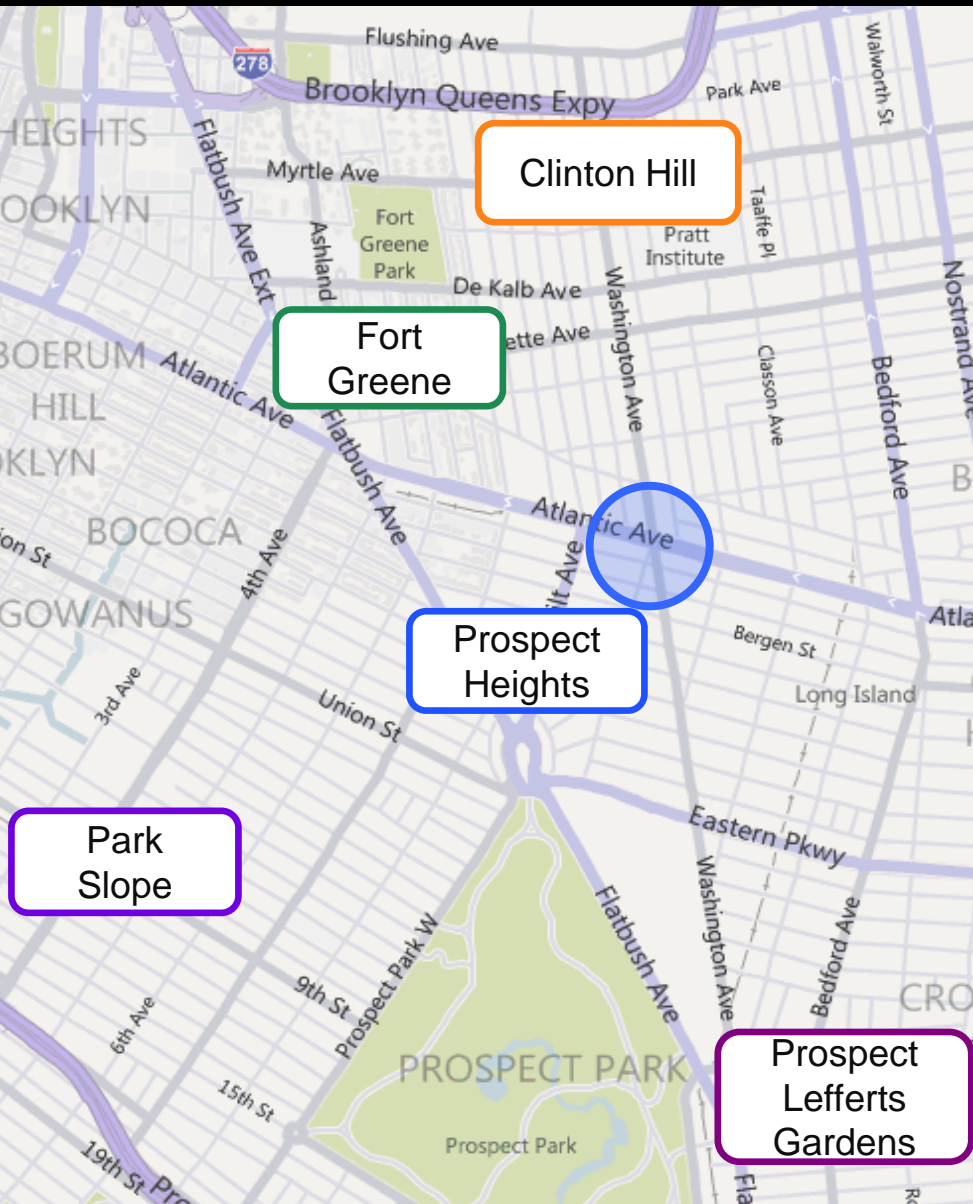
## Safety Improvements

2011





# Prospect Heights





# Background

## Community Request

- P-Street Block Association requests improvements at Atlantic and Washington: Winter 2011
- Has a community petition with over 330 signatures

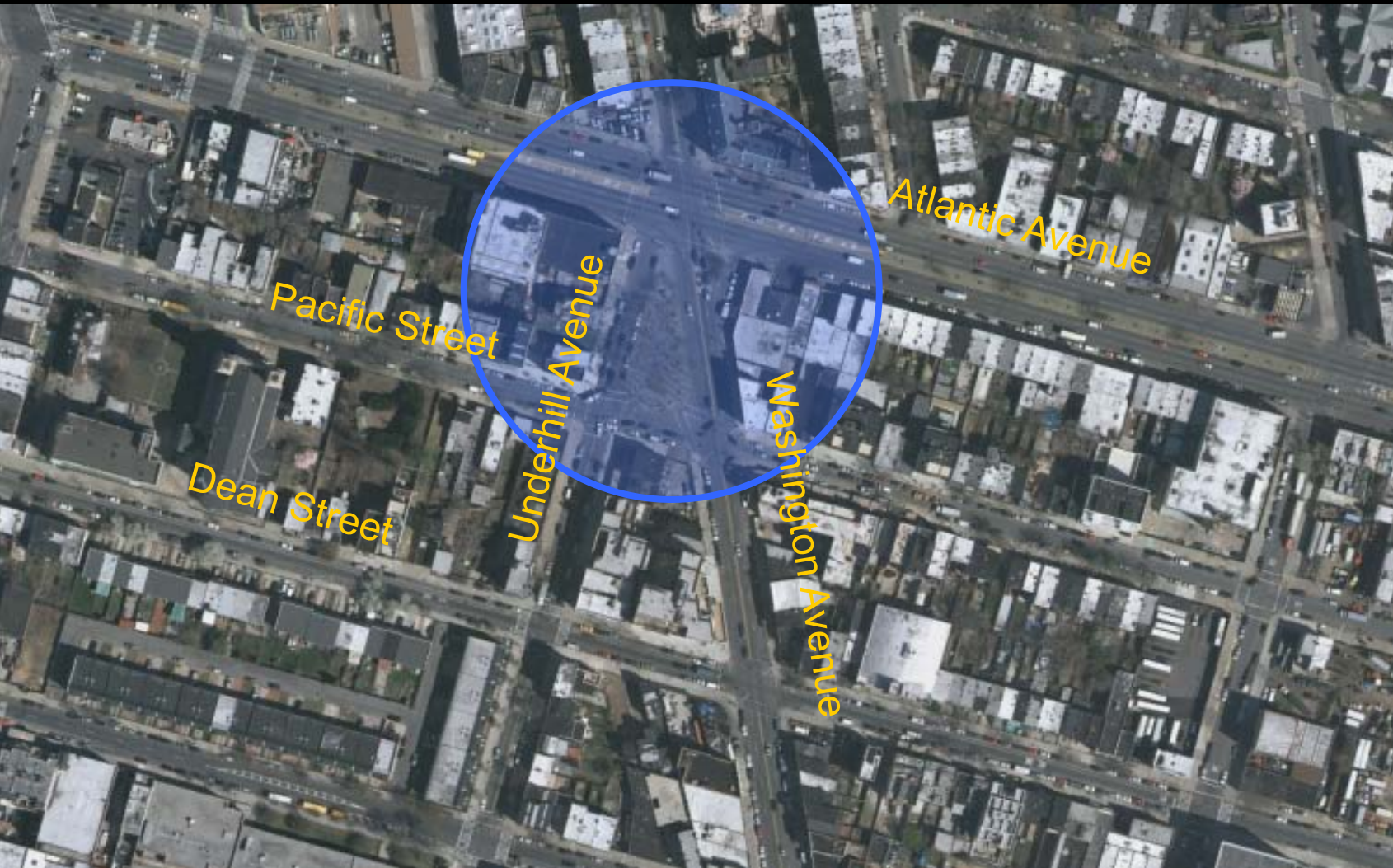
## Pedestrian Safety Issues

- Unprotected desire lines
- Long crossings
- Washington Ave connects Prospect Heights residents to the A & C subway stop at Clinton Ave



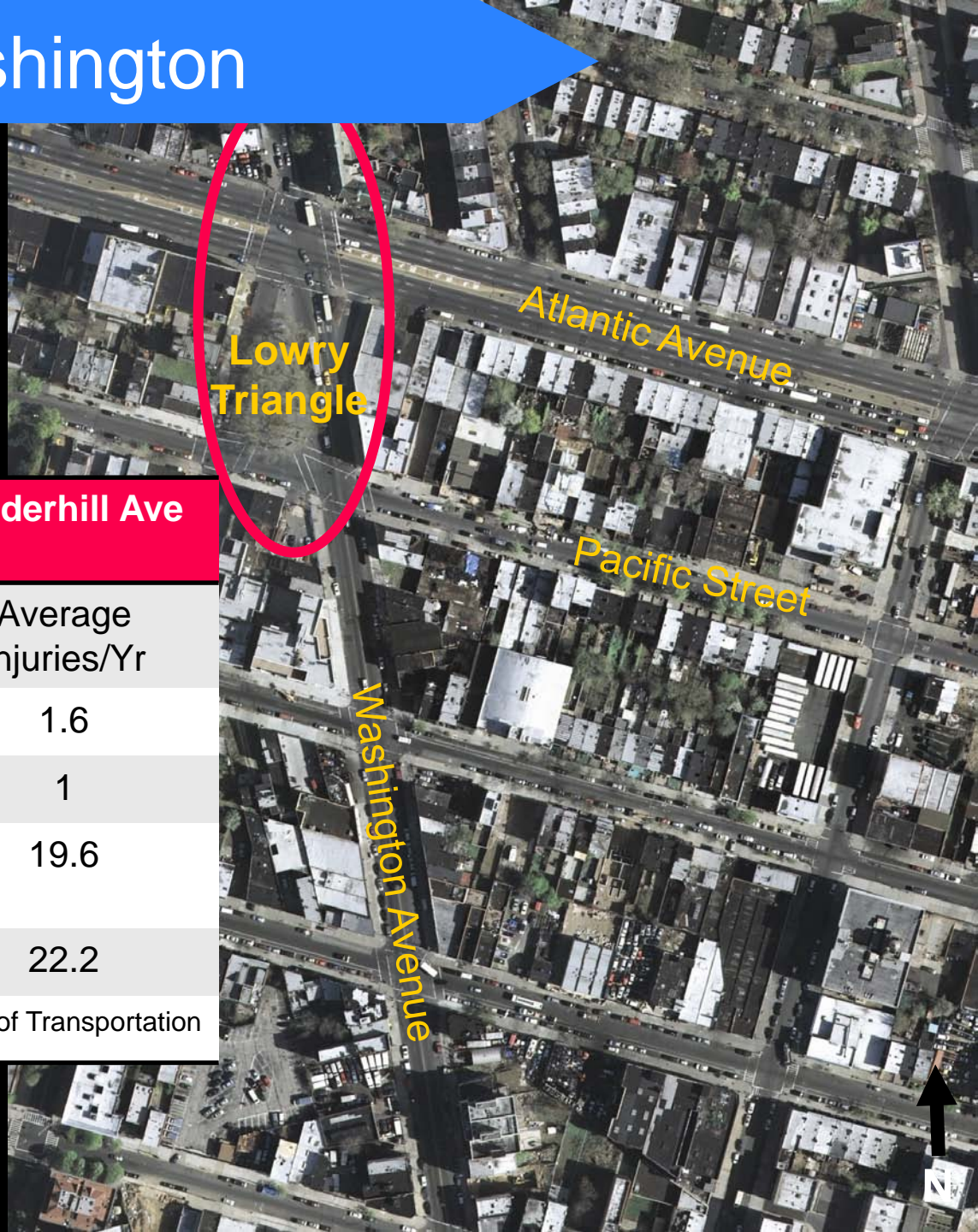
# Focus Area

Atlantic Ave at Washington





# Atlantic Ave at Washington



## Washington Ave & Atlantic Ave & Underhill Ave 2005 – 2009

	Total Injuries	Average Injuries/Yr
Pedestrian	8	1.6
Bicyclist	5	1
Motor Vehicle Occupant	98	19.6
Total Injuries	111	22.2

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

Fatalities (2005-Present)  
2 Motor Vehicle Occupants

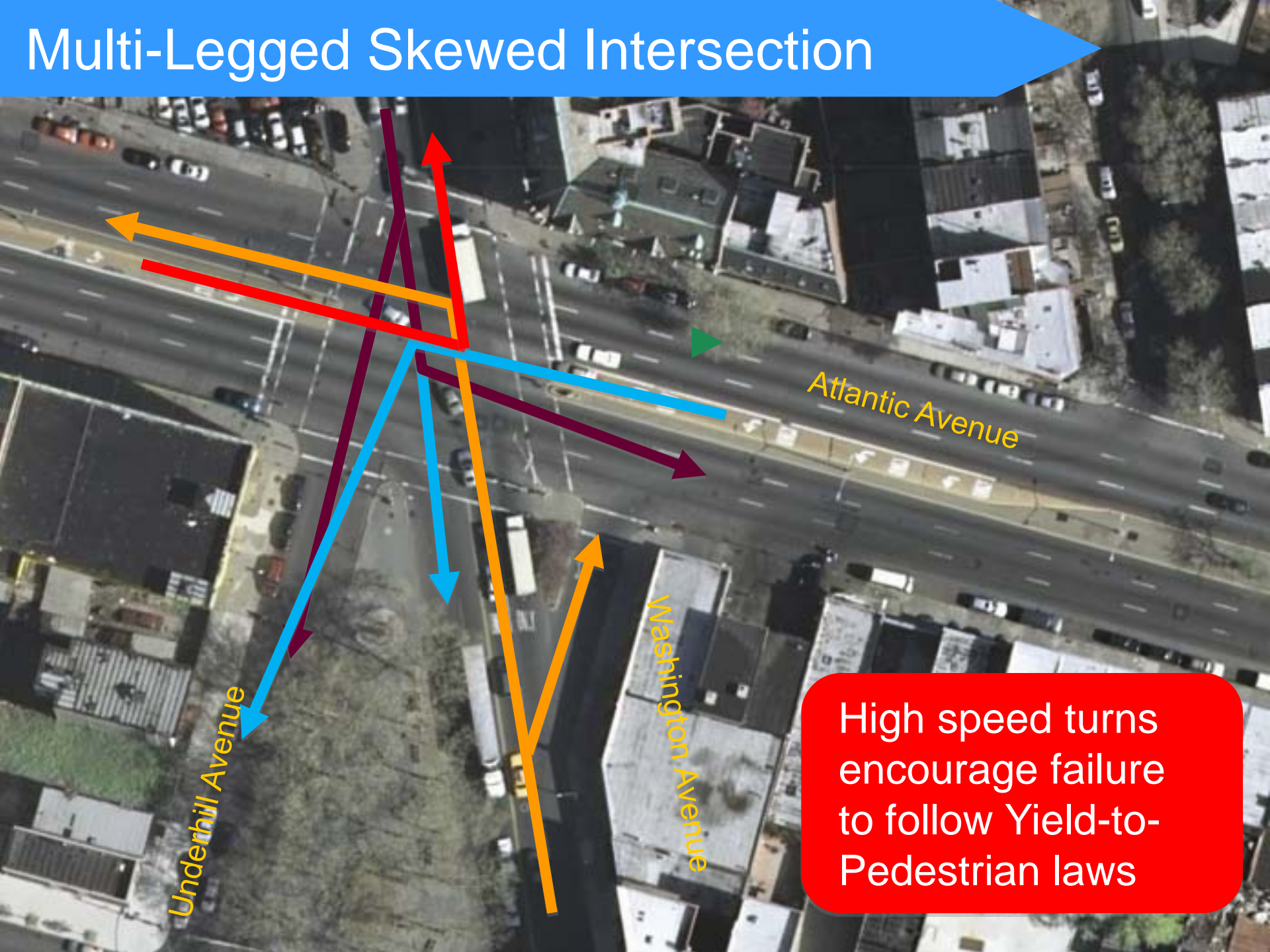




Lowry Triangle  
between  
Washington  
& Underhill



# Multi-Legged Skewed Intersection



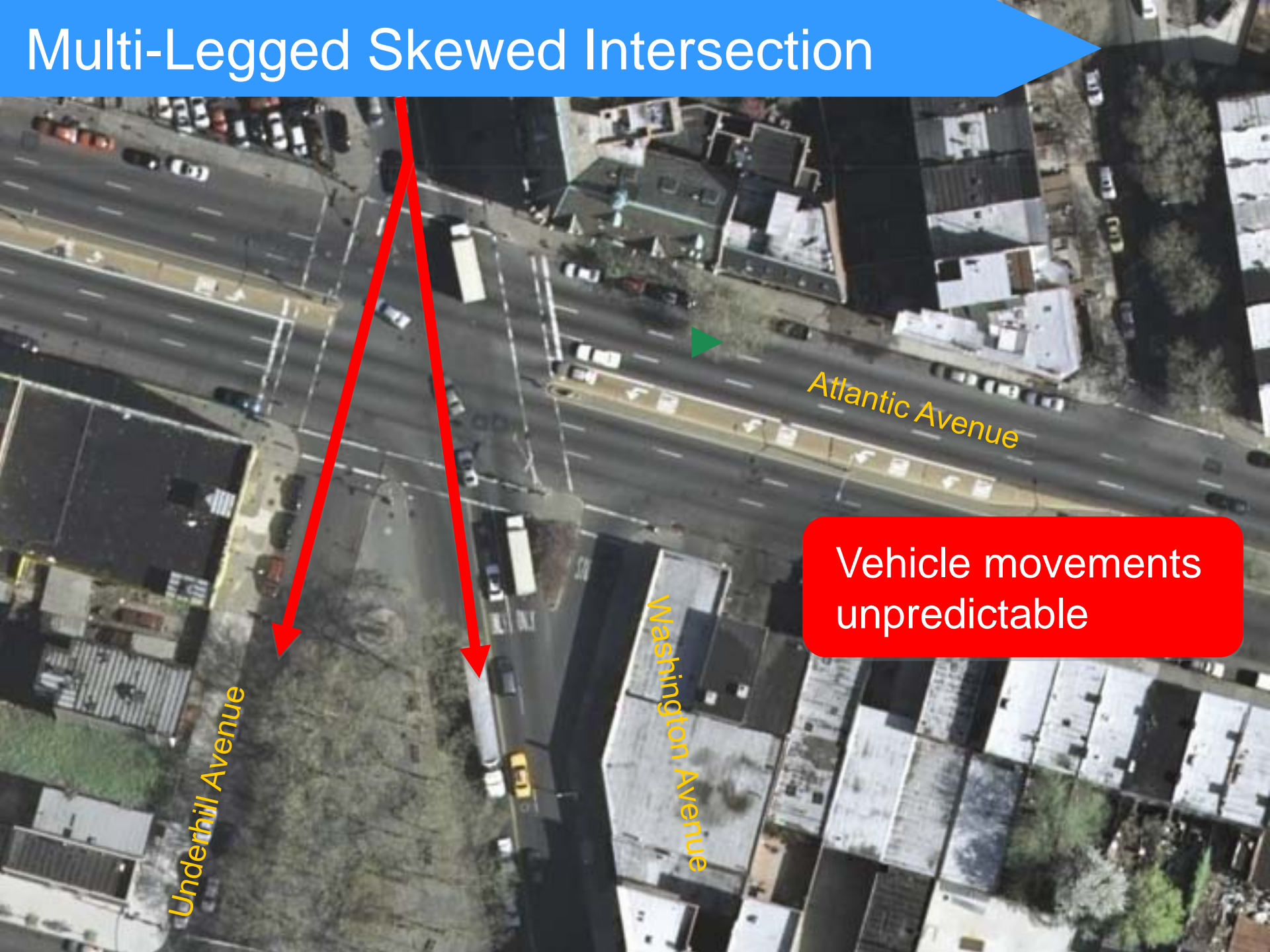
Atlantic Avenue

Washington Avenue

Underhill Avenue

High speed turns  
encourage failure  
to follow Yield-to-  
Pedestrian laws

# Multi-Legged Skewed Intersection



Atlantic Avenue

Vehicle movements  
unpredictable

Underhill Avenue

Washington Avenue



# Long Unprotected Crosswalks



96'

94'

103'

Atlantic Avenue

Underhill Avenue

Washington Avenue

Long crossing distances  
without safety islands



# Long Unprotected Crosswalks

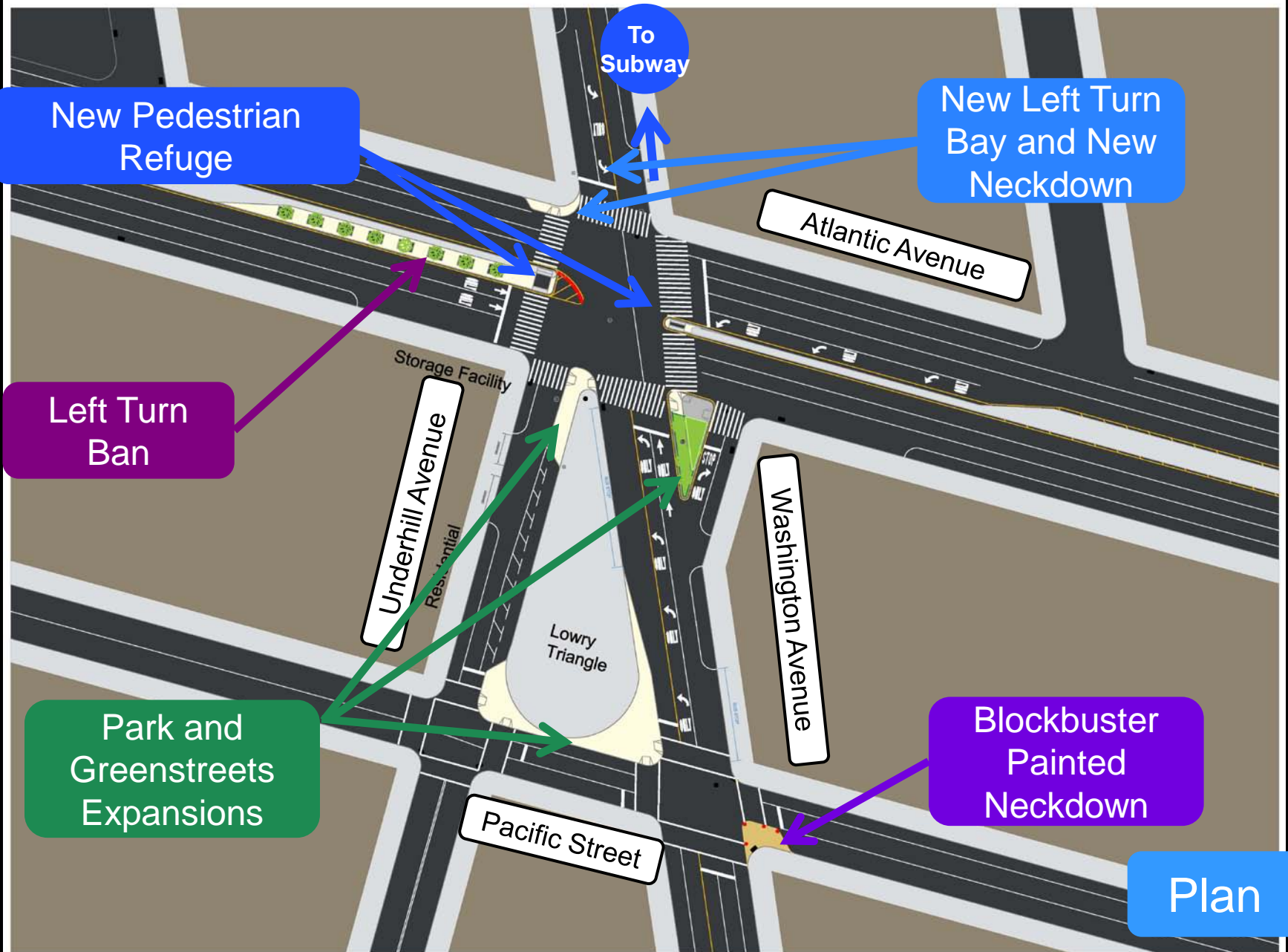
Pedestrian perspective:  
crossing 103 feet with  
cars turning in multiple  
directions

Atlantic Avenue



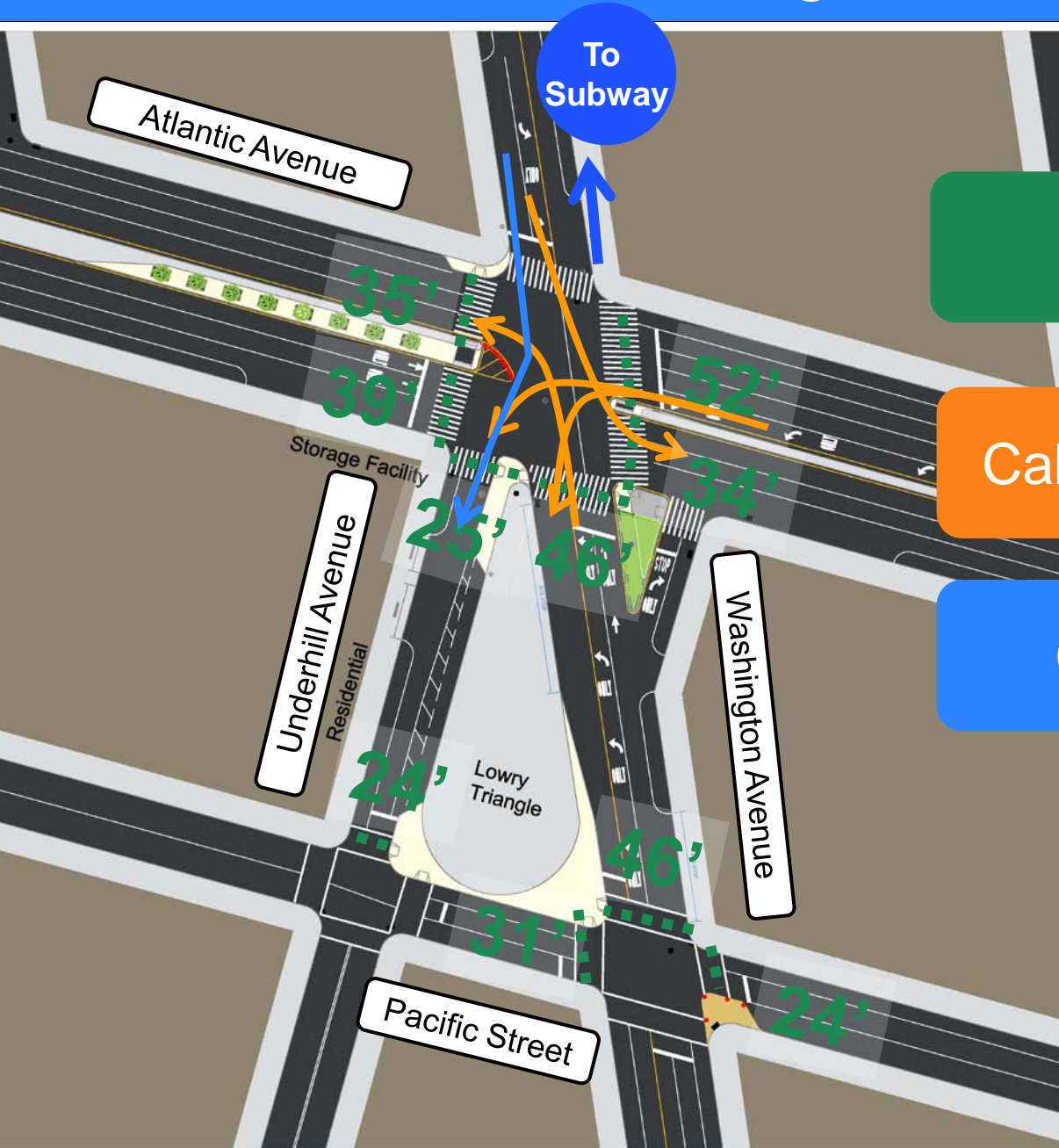


# Atlantic Ave at Washington





# Atlantic Ave at Washington



Shorter crosswalks

Calms left-turning vehicles

Clarifies driver intent

Plan



# Proposed Improvements

- Improve Safety at Atlantic Ave with Shorter Crosswalks by:
- Expand Lowry Triangle Park and Greenstreets Island
  - Add neckdowns where feasible
  - Restrict eastbound left turns from Atlantic to Washington and replace turn bay with Landscaped Median
  - Extend Median in East crosswalk

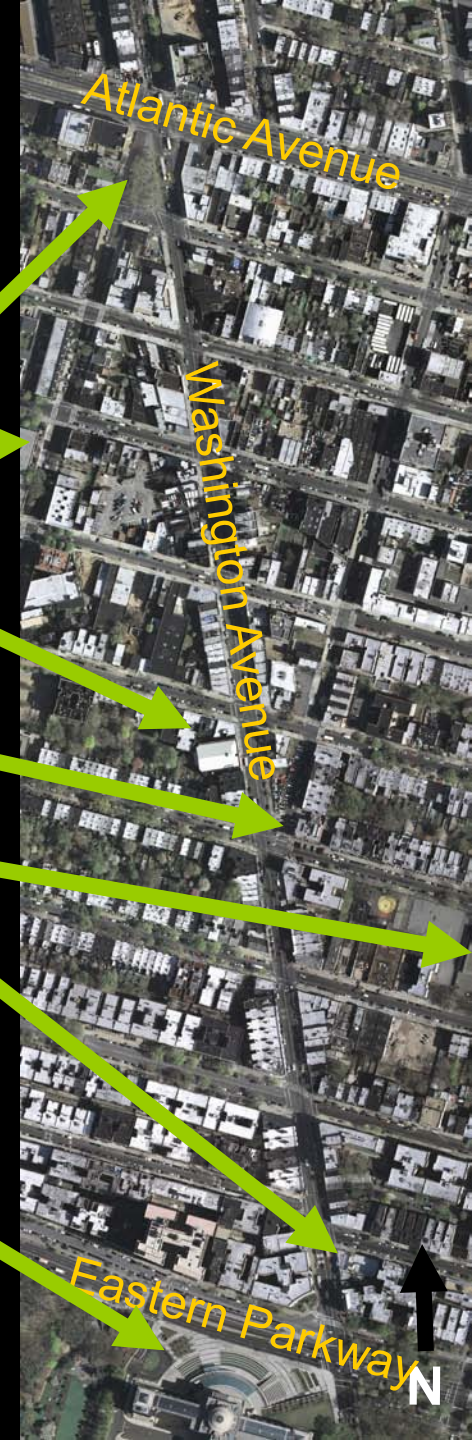
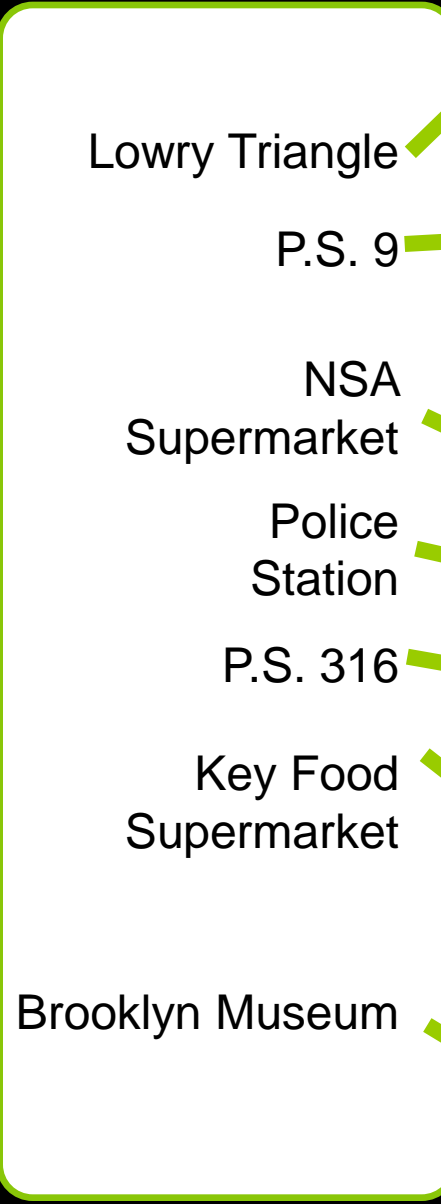
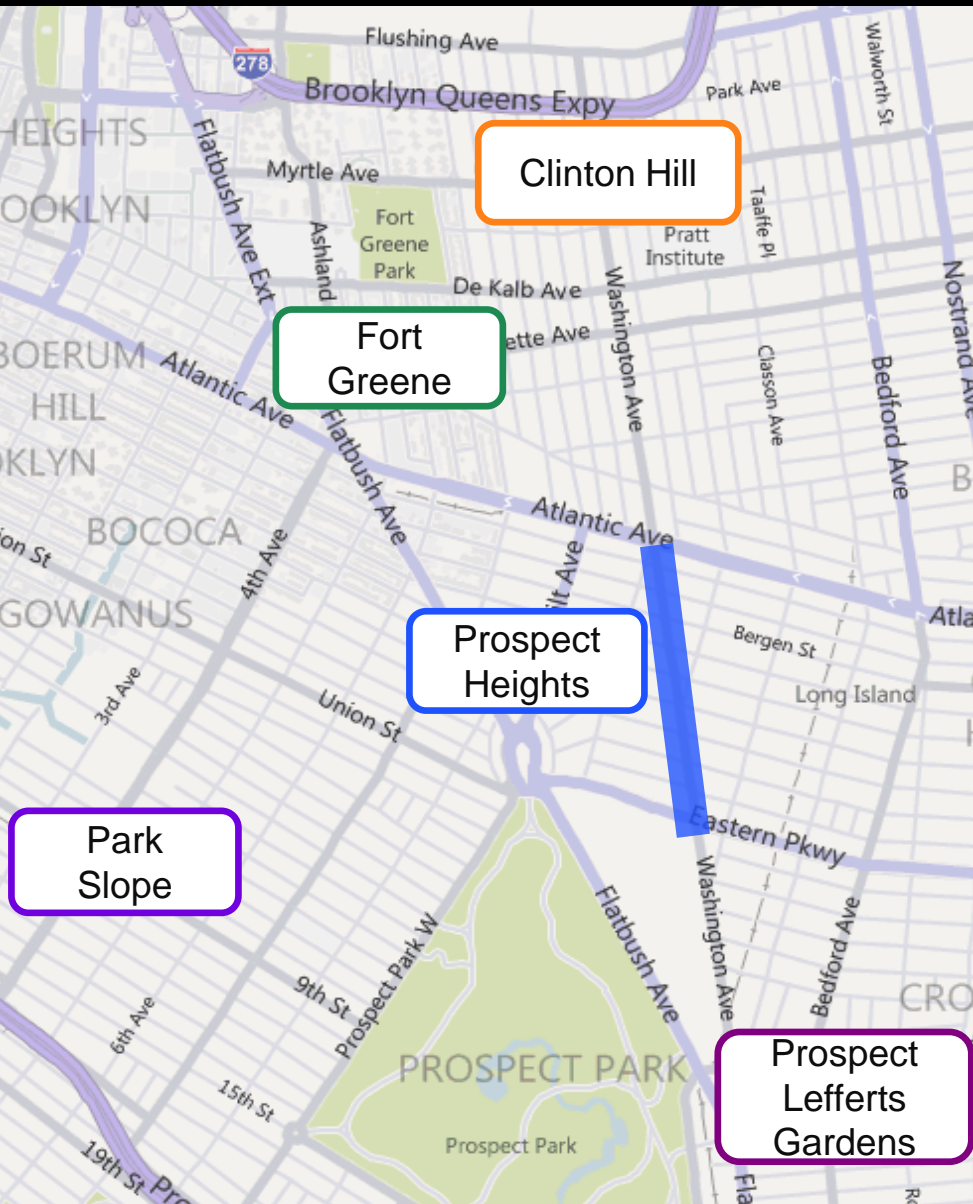


# CB 8 Project Area

Improvements within Community Board 8  
Presented to CB 8 on January 25, 2011

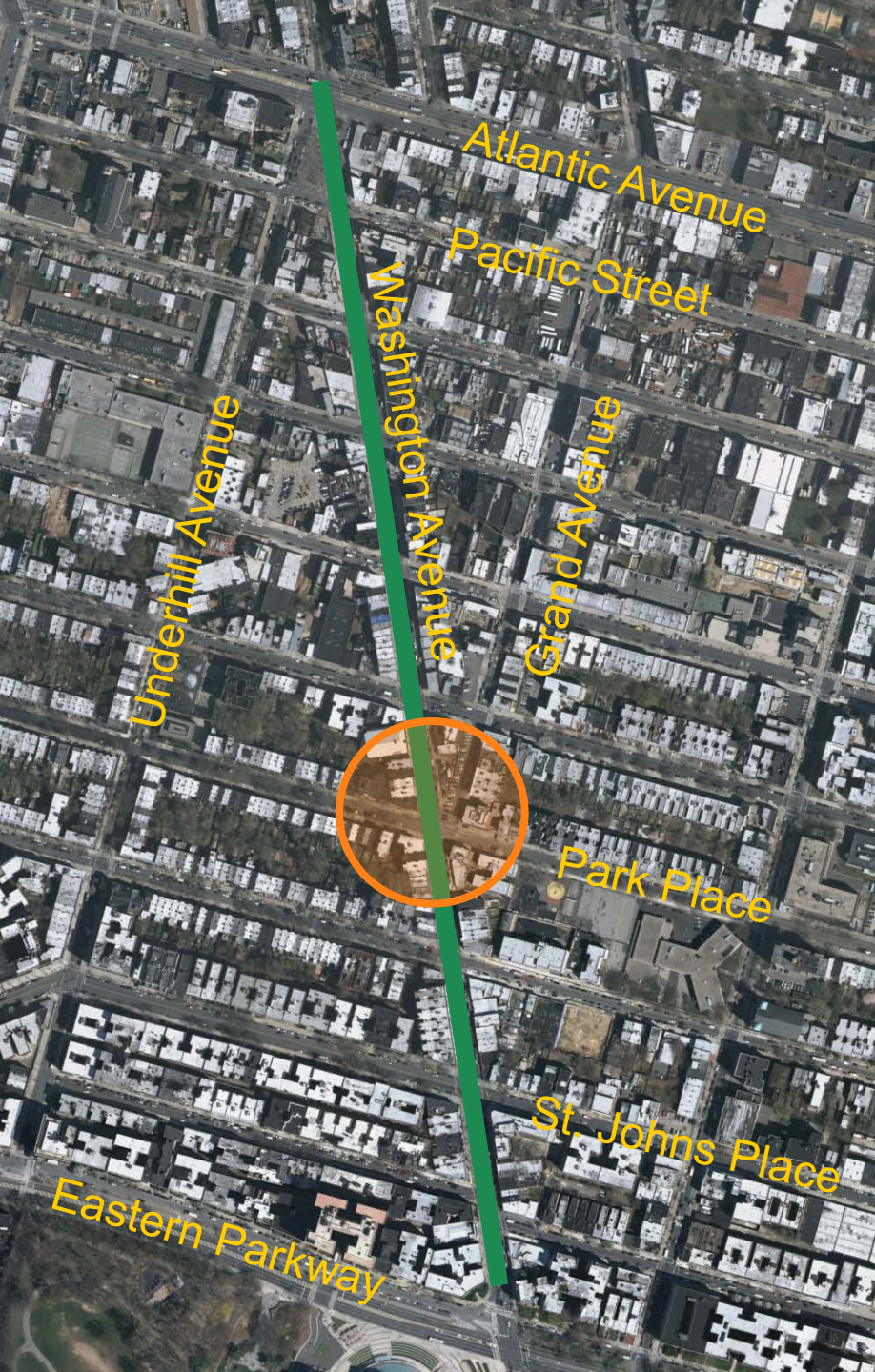


# Prospect Heights





# Focus Areas



2. Park Place and Grand Ave

3. Washington Striping Plan



## 2. Park Place and Grand Avenue



Multi-legged  
intersection

Long crosswalks

School and  
Police Station

To  
School

## 2. Park Place and Grand Avenue

### Washington Ave & Park Pl & Grand Ave 2005-2009

	Total Injuries	Average Injuries/Yr
Pedestrian	4	0.8
Bicyclist	0	0
Motor Vehicle Occupant	15	3
Total Injuries	19	3.8

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

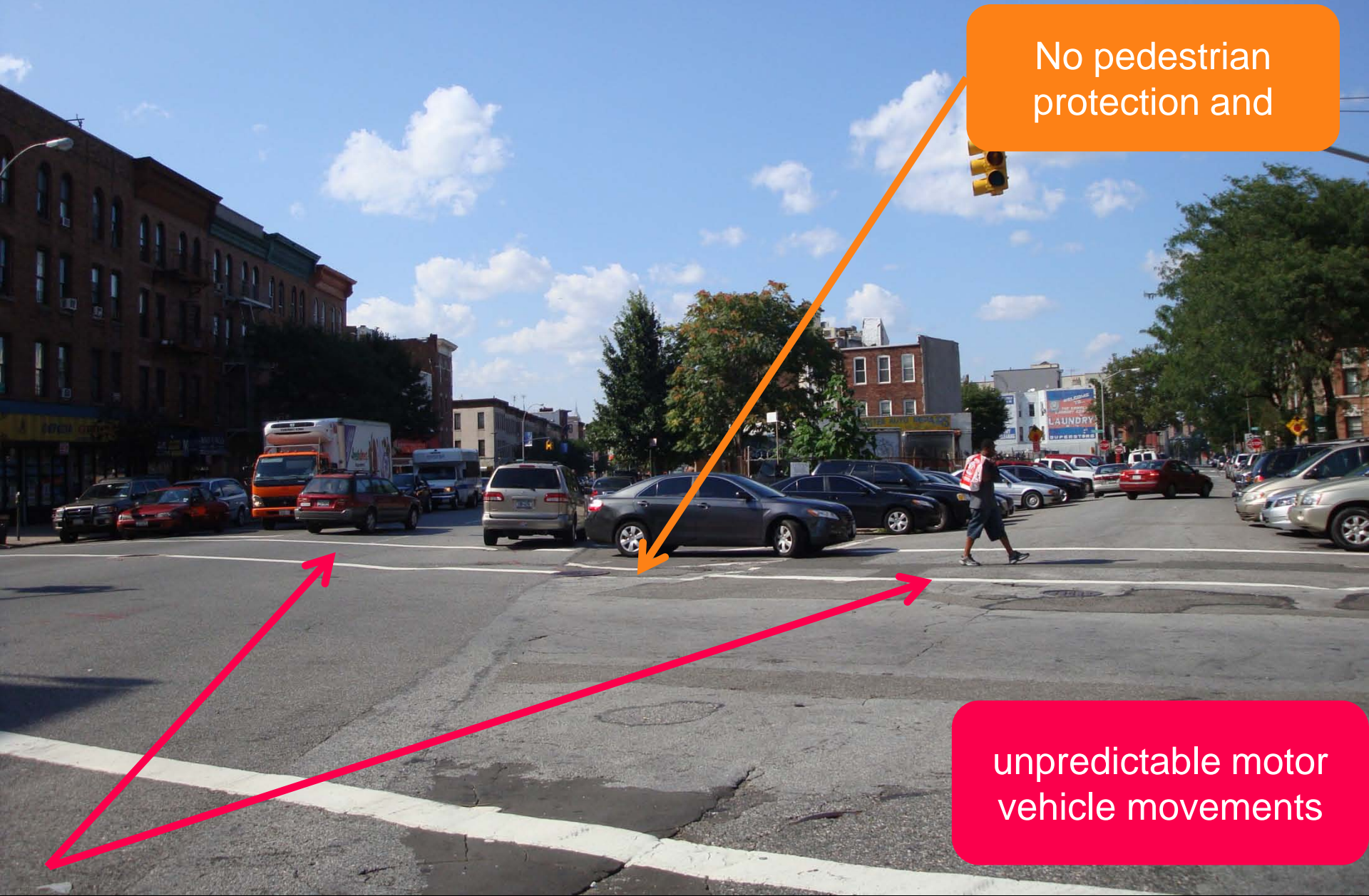




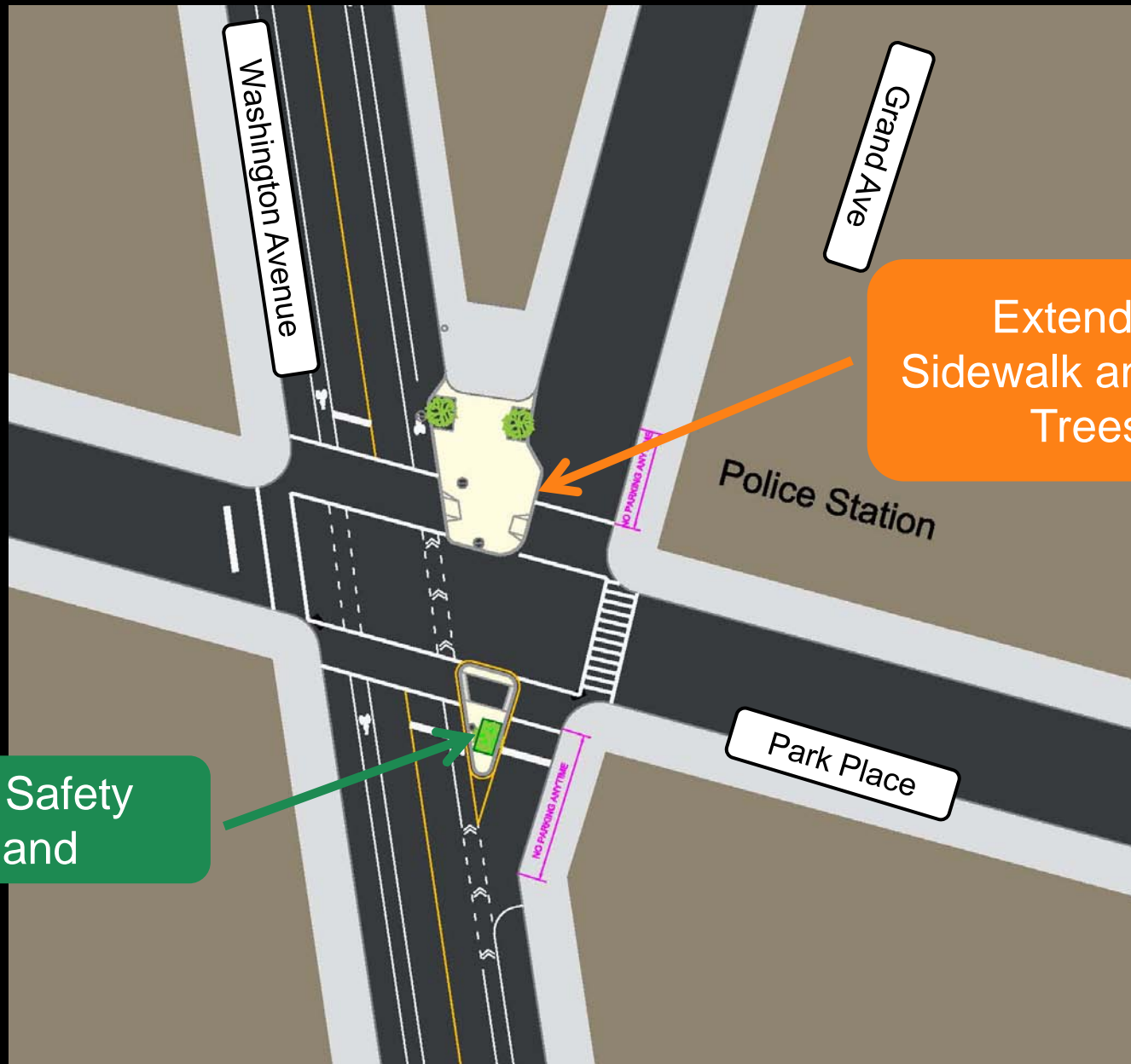
## 2. Park Place and Grand Avenue

No pedestrian protection and

unpredictable motor vehicle movements



## 2. Park Place and Grand Avenue



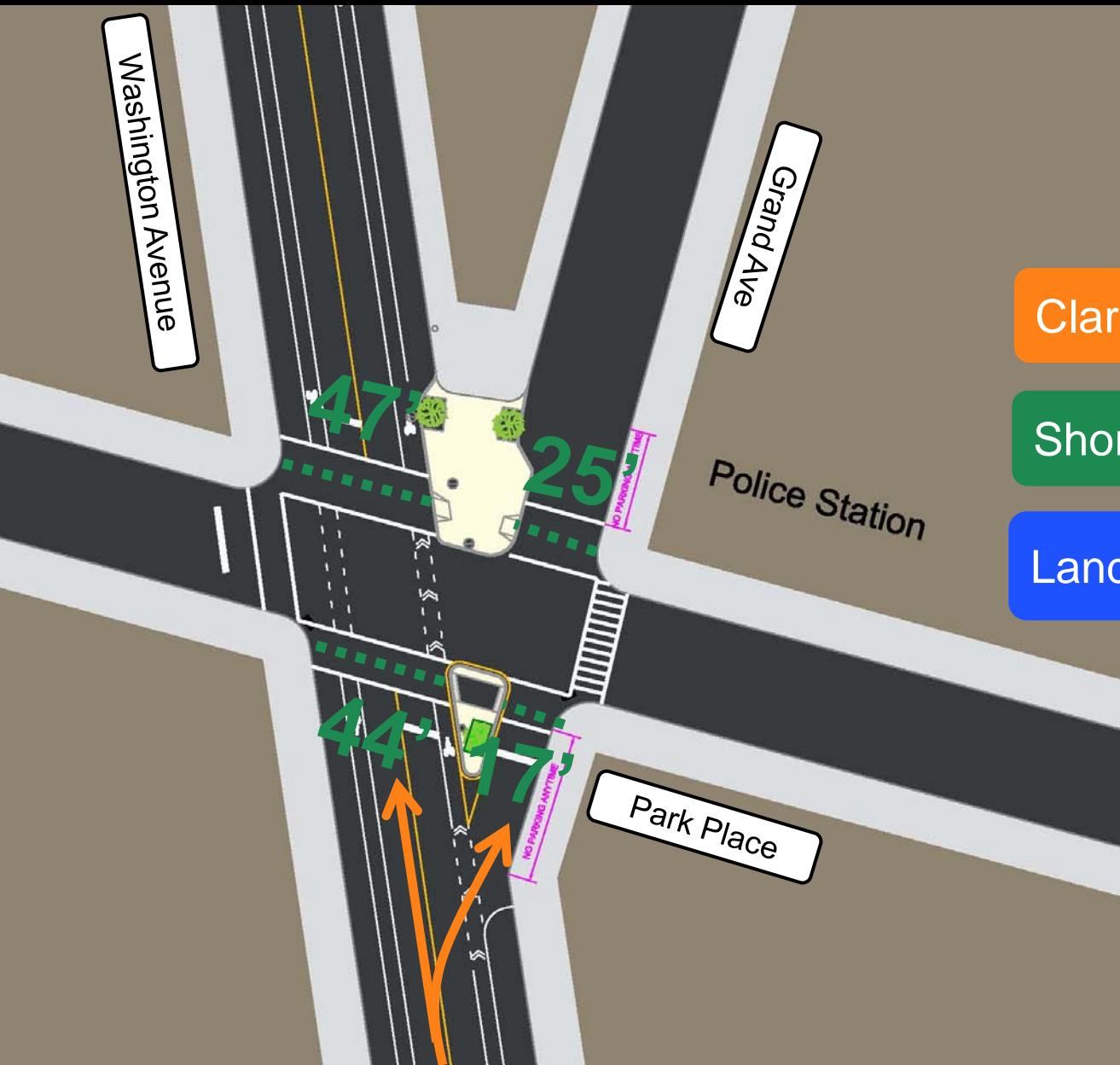
Extended  
Sidewalk and New  
Trees

New Safety  
Island

Plan



## 2. Park Place and Grand Avenue



Clarifies Intersection

Shortens crosswalks

Landscaped safety areas

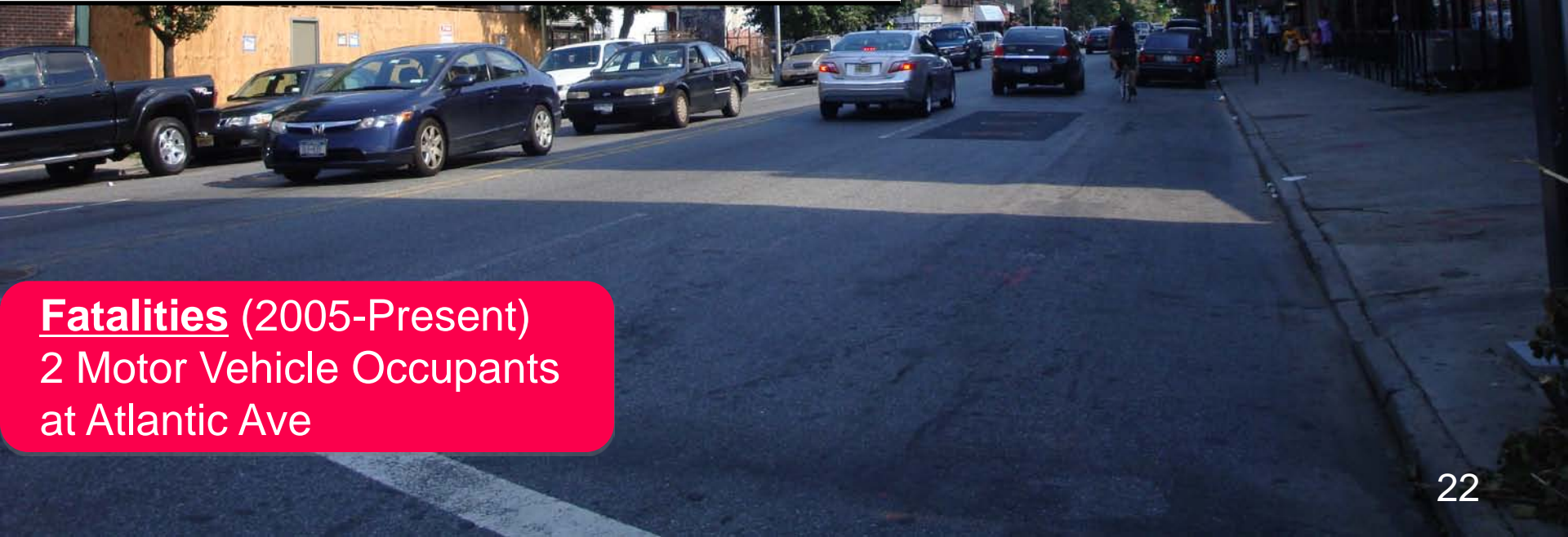
Plan

# 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



**Fatalities** (2005-Present)  
2 Motor Vehicle Occupants  
at Atlantic Ave



### 3. Washington Possible Striping Plan

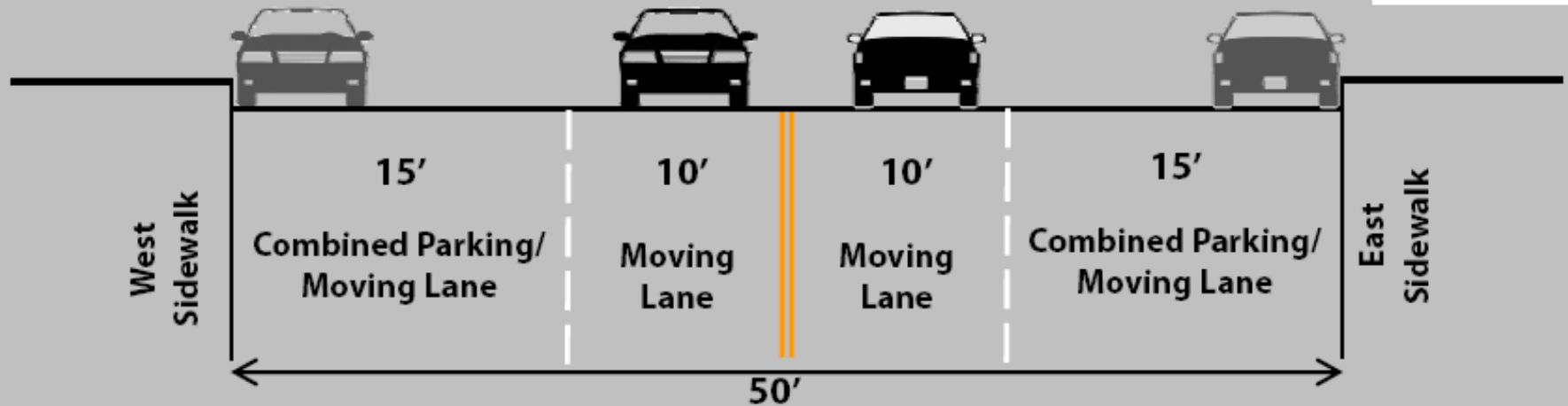


Confusing striping:

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

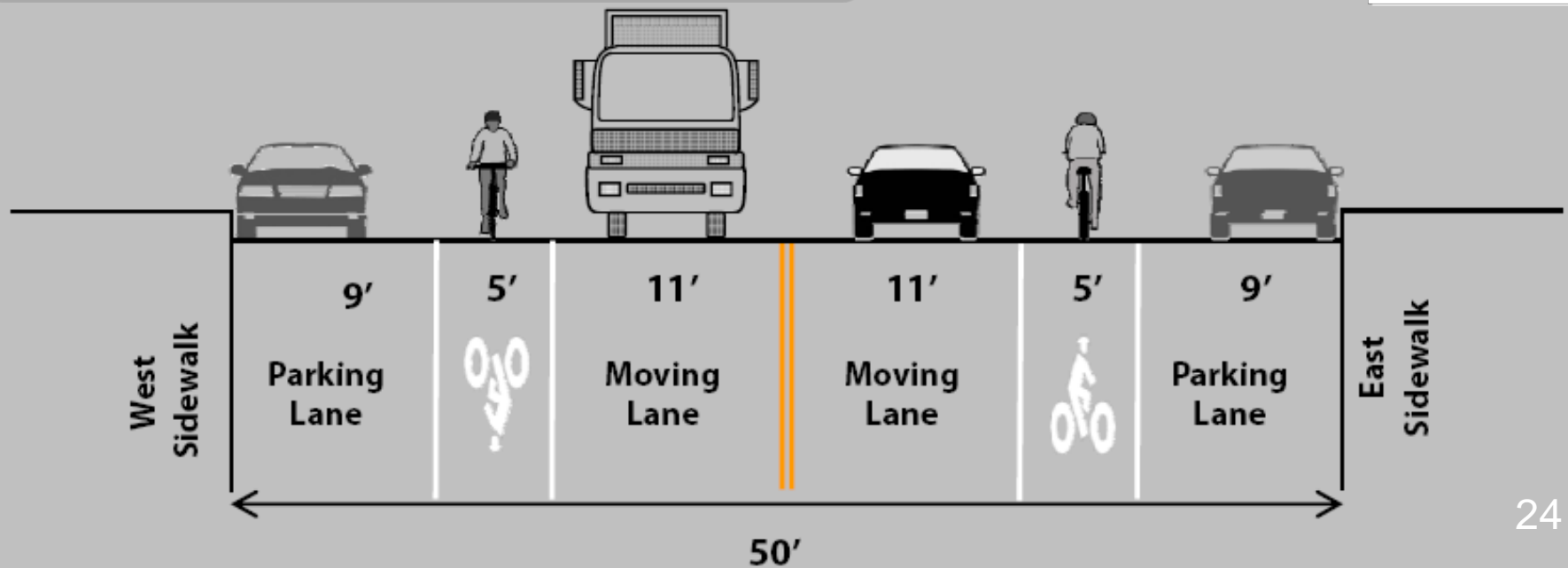
### 3. Washington Possible Striping Plan

**EXISTING**



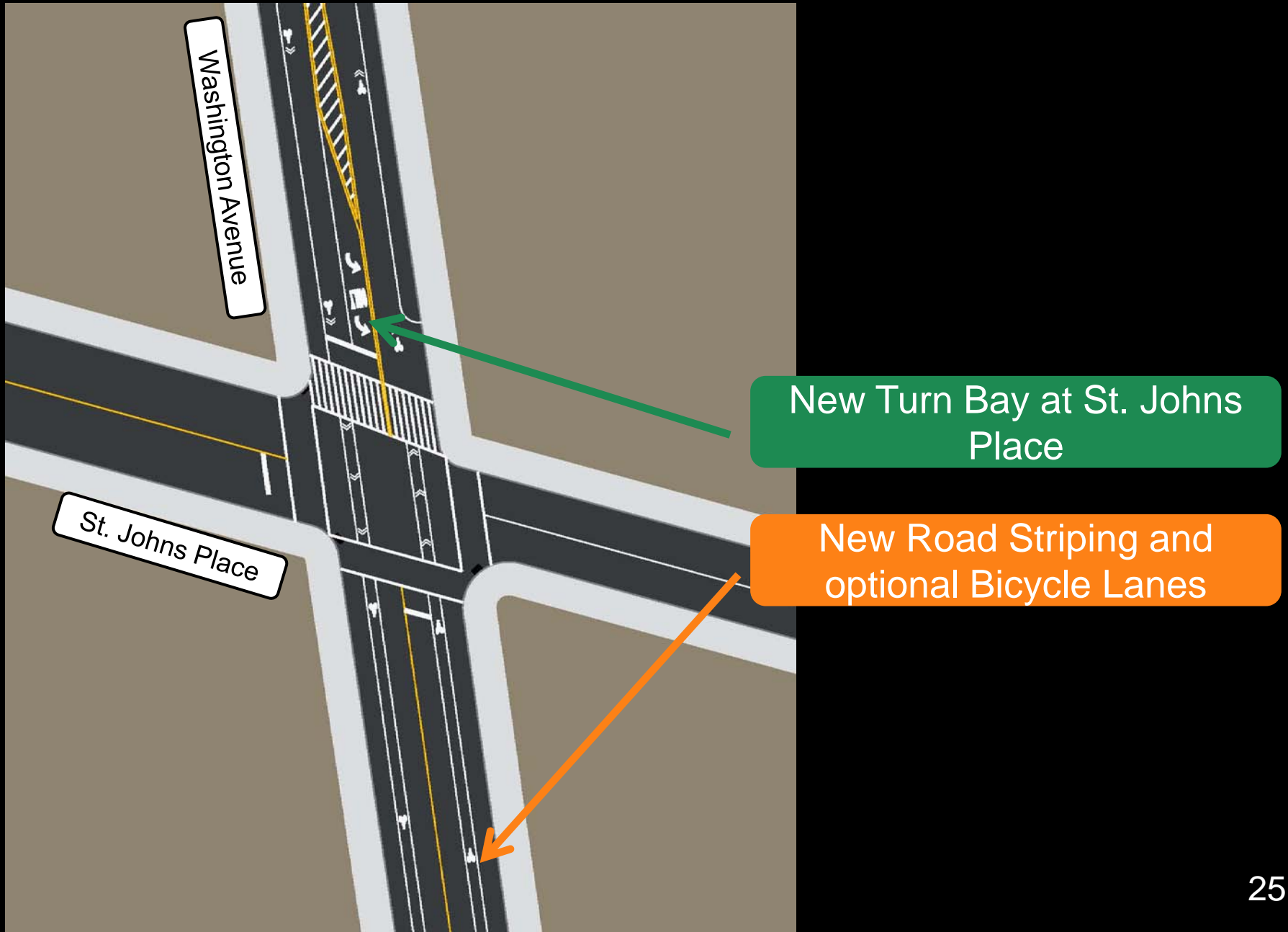
One moving lane with turn bays as needed for reduced vehicle weaving

**OPTION**





### 3. Washington Possible Striping Plan



### 3. Washington Possible 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



# Proposed Improvements

1. Improve Safety at Atlantic Ave with Shorter Crosswalks by:
  - Expanding Lowry Triangle Park and Greenstreets Island
  - Add neckdowns where feasible
  - Restrict eastbound left turns from Atlantic to Washington and replace turn bay with Treed Median
  - Extend Median in East crosswalk
2. At Grand Ave and Park Place:
  - Add Crosswalk Refuge
  - Construct Island in South crosswalk
3. Restripe corridor with clear travel lanes, adding possible striped bicycle lanes

[nyc.gov/dot](https://nyc.gov/dot)

**Thank  
You**