

# Atlantic Avenue / BQE

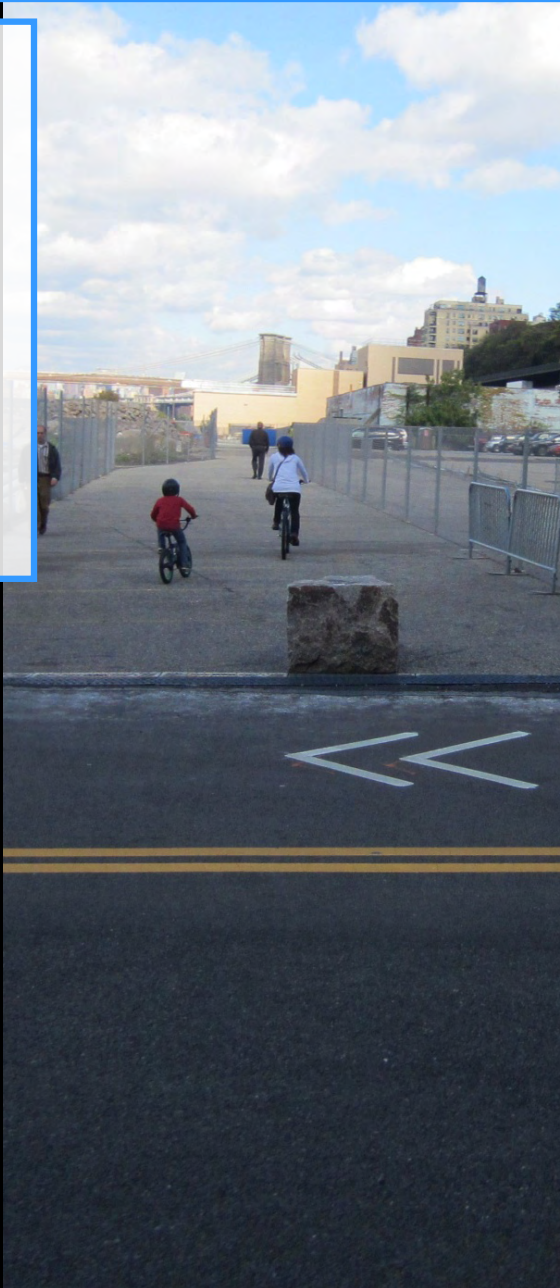
## Brooklyn Waterfront Greenway Improvements

- Background / Past Improvements
- Issues
- Recommendations



# Recent Improvements - Waterfront

- ¼ mile of temporary path in Brooklyn Bridge Park
- ½ mile of greenway path and improved sidewalks south of park
- 2-Way Furman





# Recent Improvements – BQE On-Ramp

- Installed New Pedestrian Signals
- Limited time of Right Turn on Red at BQE On-Ramp
- Eliminated Right Turn on Red at Columbia
- Improved Signage

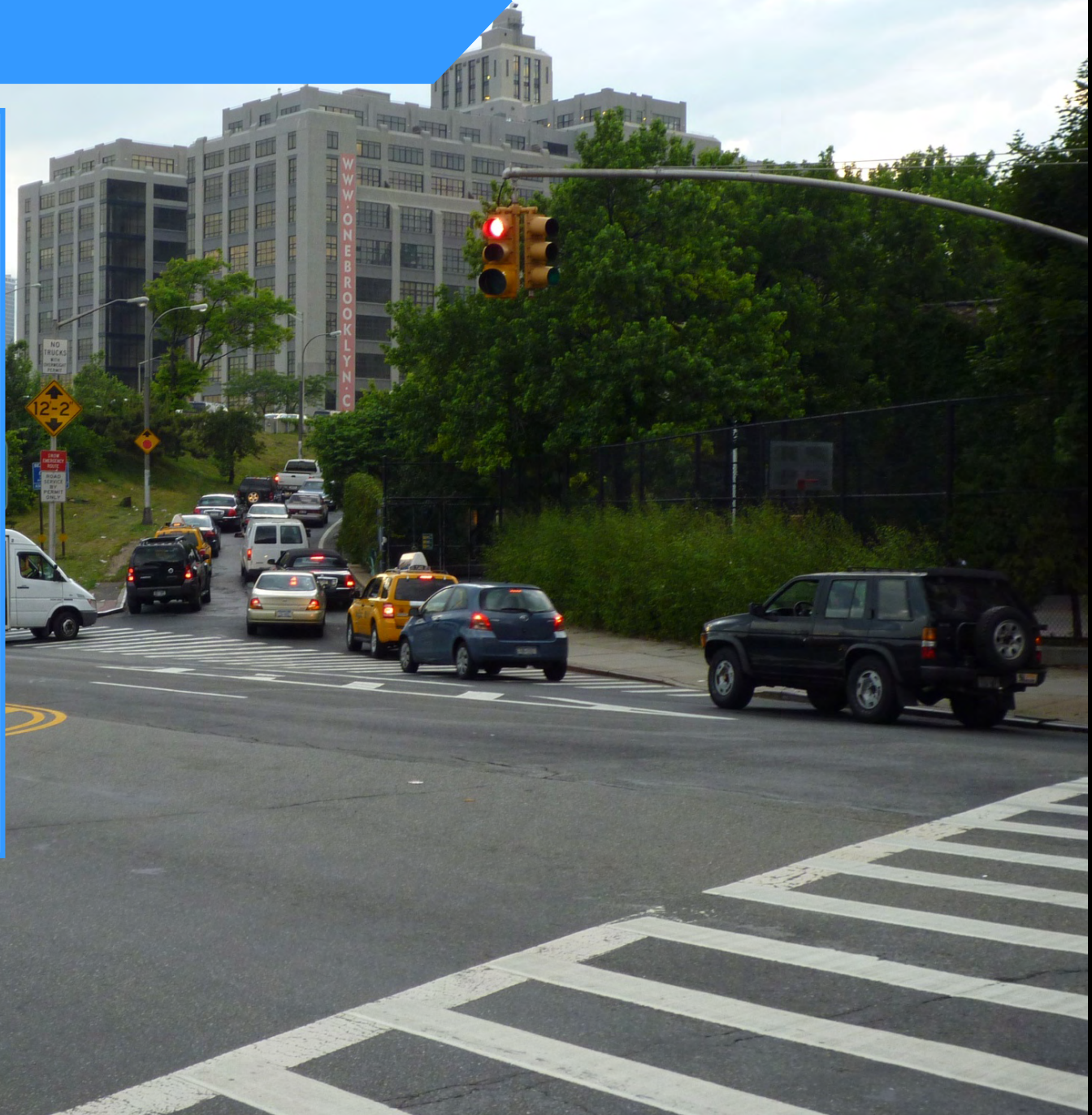




# Background

## Continued Concerns with BQE Entrance

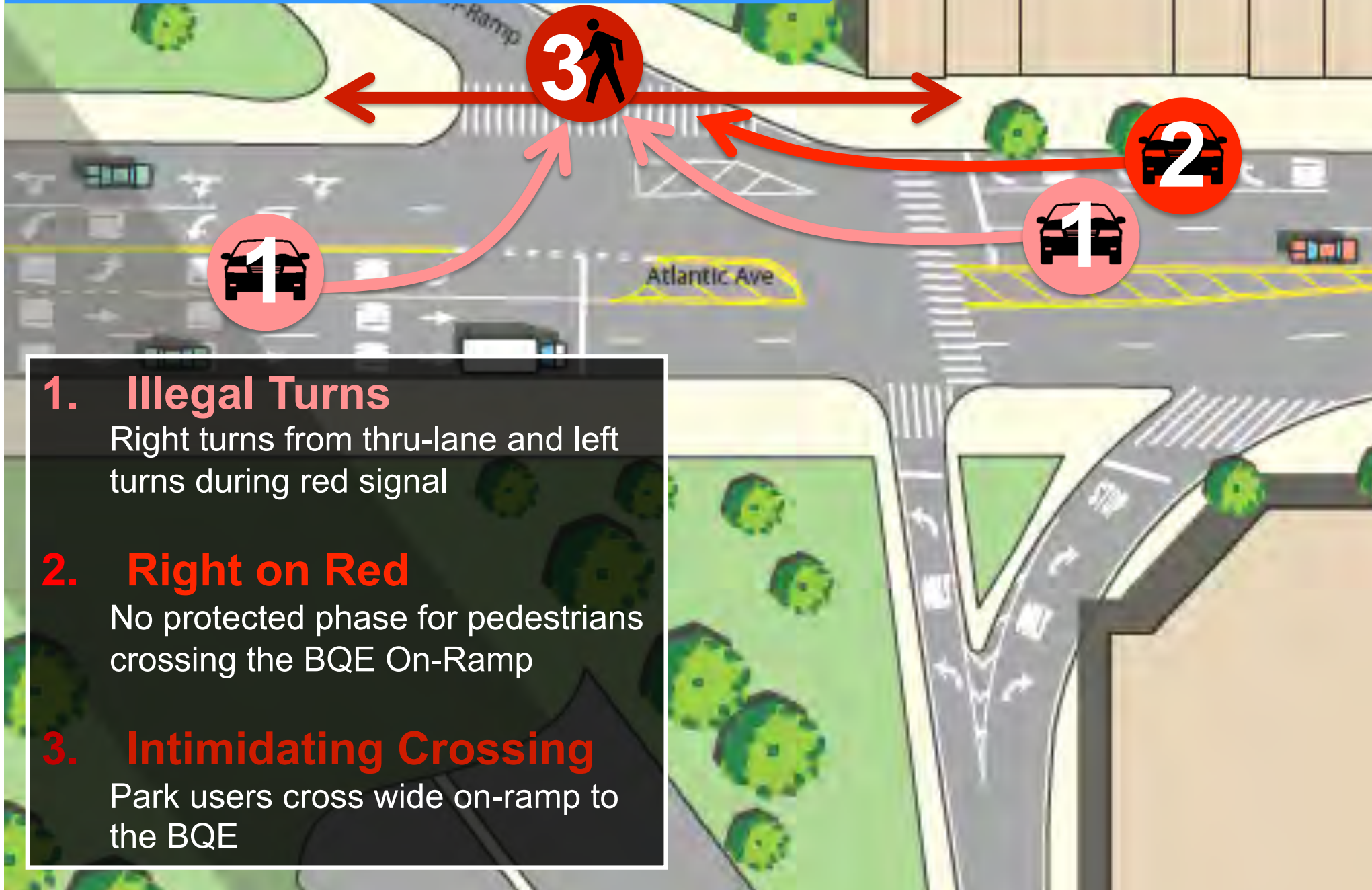
- Councilmember Brad Lander
- State Senator Daniel Squadron
- Community Board 2
- Brooklyn Heights Association
- Brooklyn Bridge Park





# Issues

## Overview





# Issue 1: Illegal Turns

## *Existing Conditions*

- Low compliance with prohibited right on red
- Vehicles turning from adjacent lane

**NO TURN ON RED**  
**EXCEPT**  
**7AM - 10AM MON - FRI**

DEPT OF TRANSPORTATION

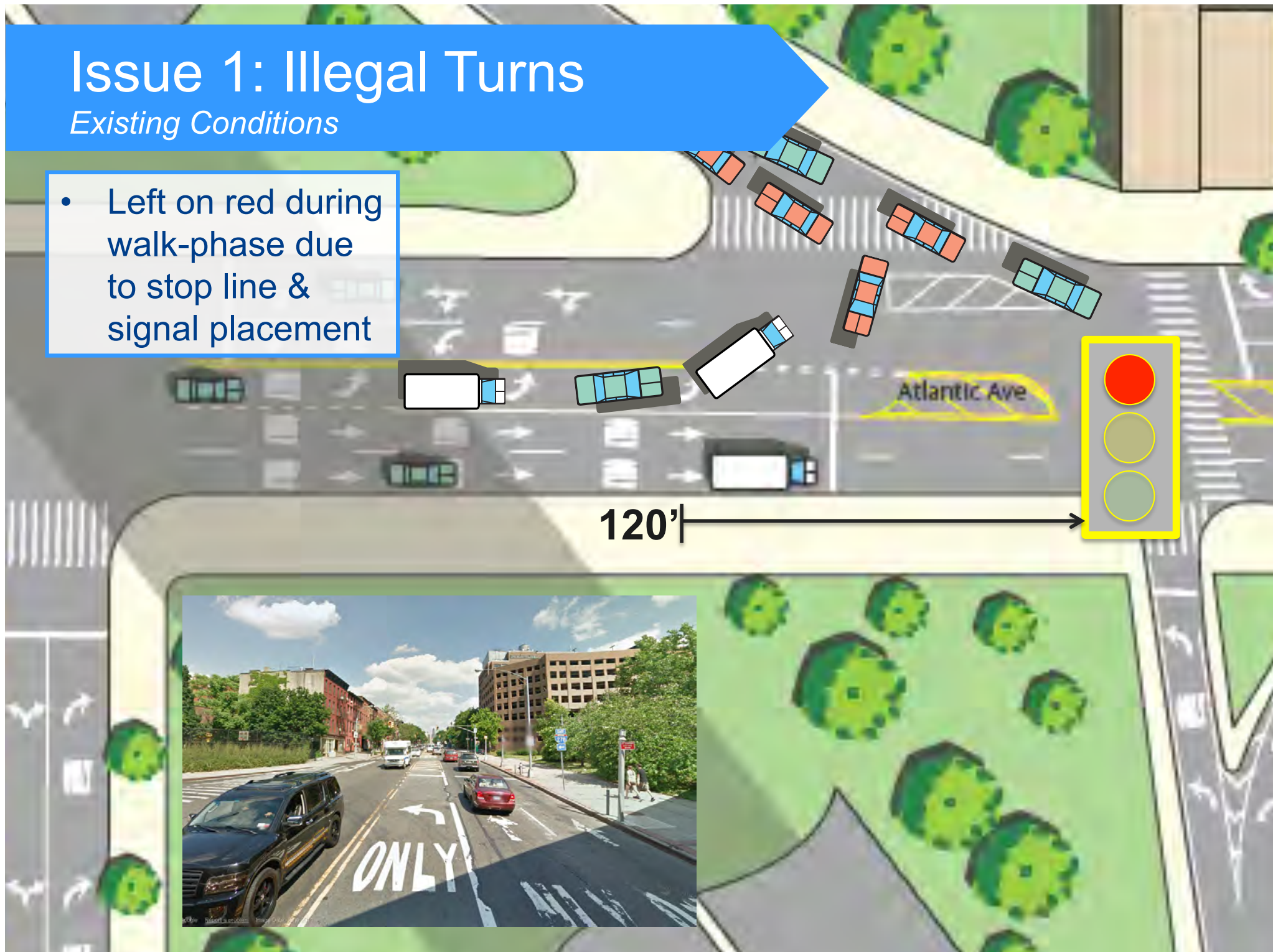




# Issue 1: Illegal Turns

## *Existing Conditions*

- Left on red during walk-phase due to stop line & signal placement





# Issue 2: Right on Red

## *Existing Conditions*

- No protected phase for pedestrians in AM
- Compliance issues at other times

**NO TURN ON RED  
EXCEPT**

**7AM - 10AM MON - FRI**

DEPT OF TRANSPORTATION





# Issue 3: Intimidating Crossing

## *Existing Conditions*

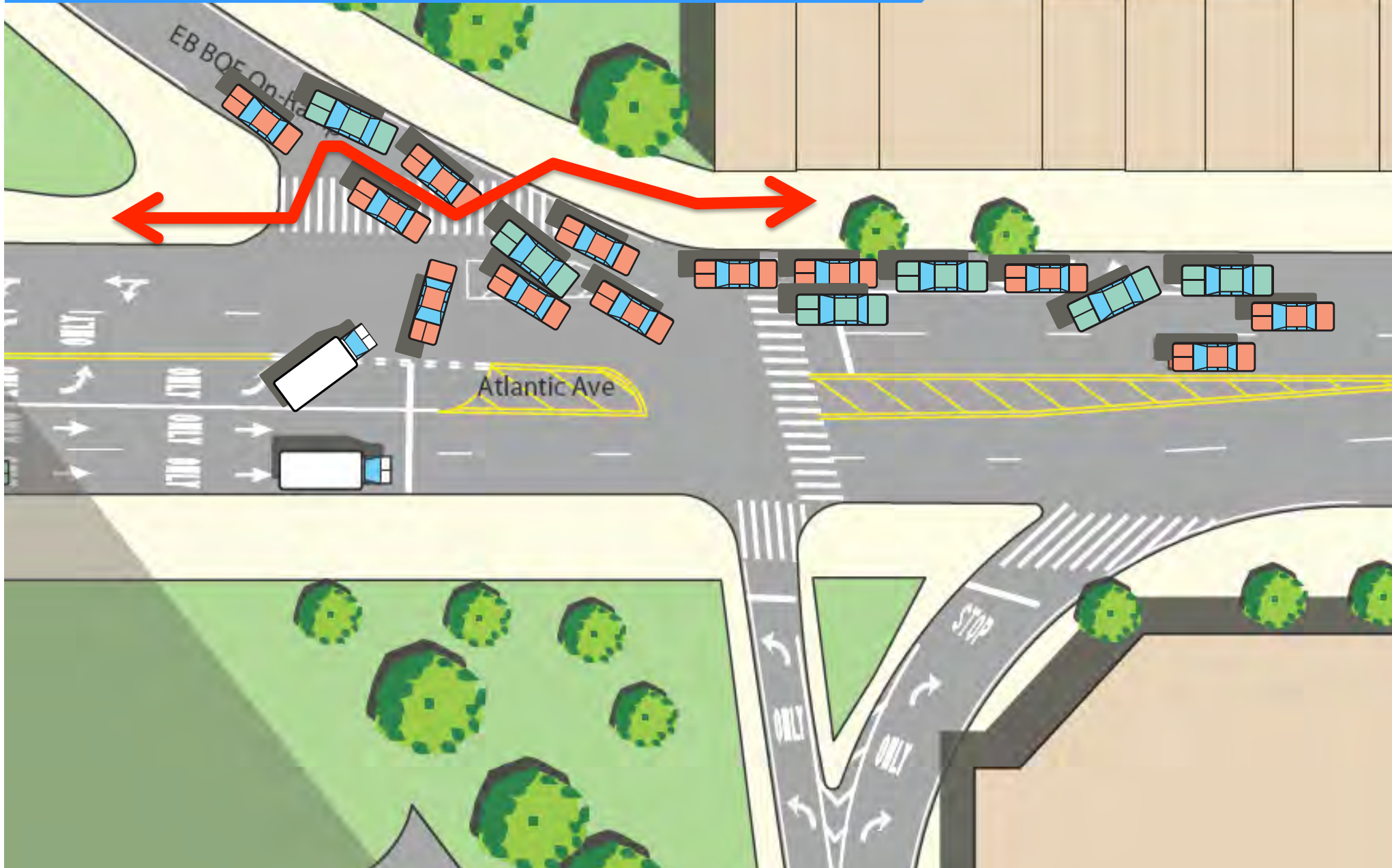
- Primary Access to Brooklyn Bridge Park
- Wide crossing (80 feet)
- Vehicles appear to be coming from all directions





# Issue 3: Intimidating Crossing

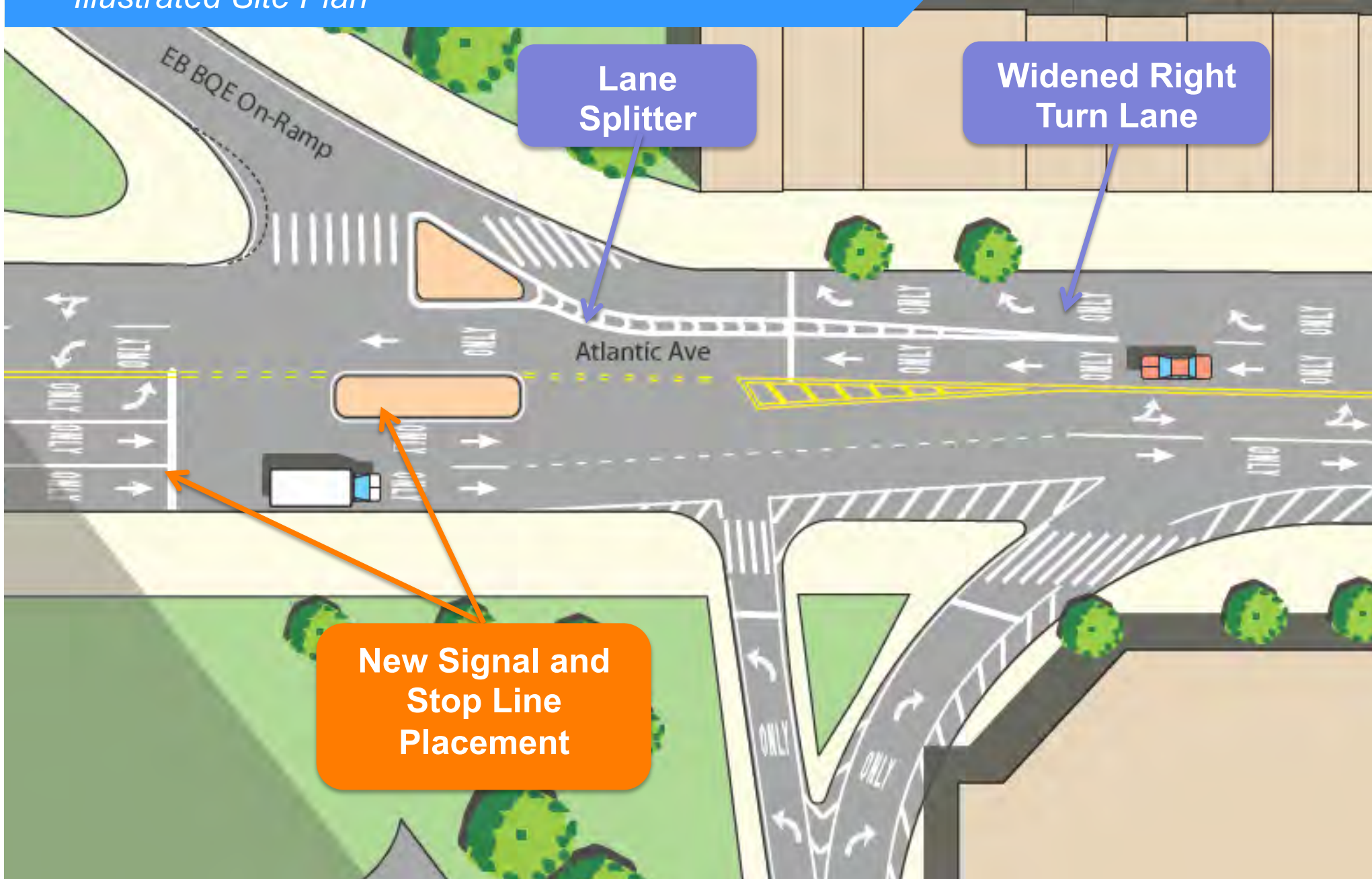
*Existing Conditions*





# Proposed Geometric Design

*Illustrated Site Plan*





# Proposed Geometric Design

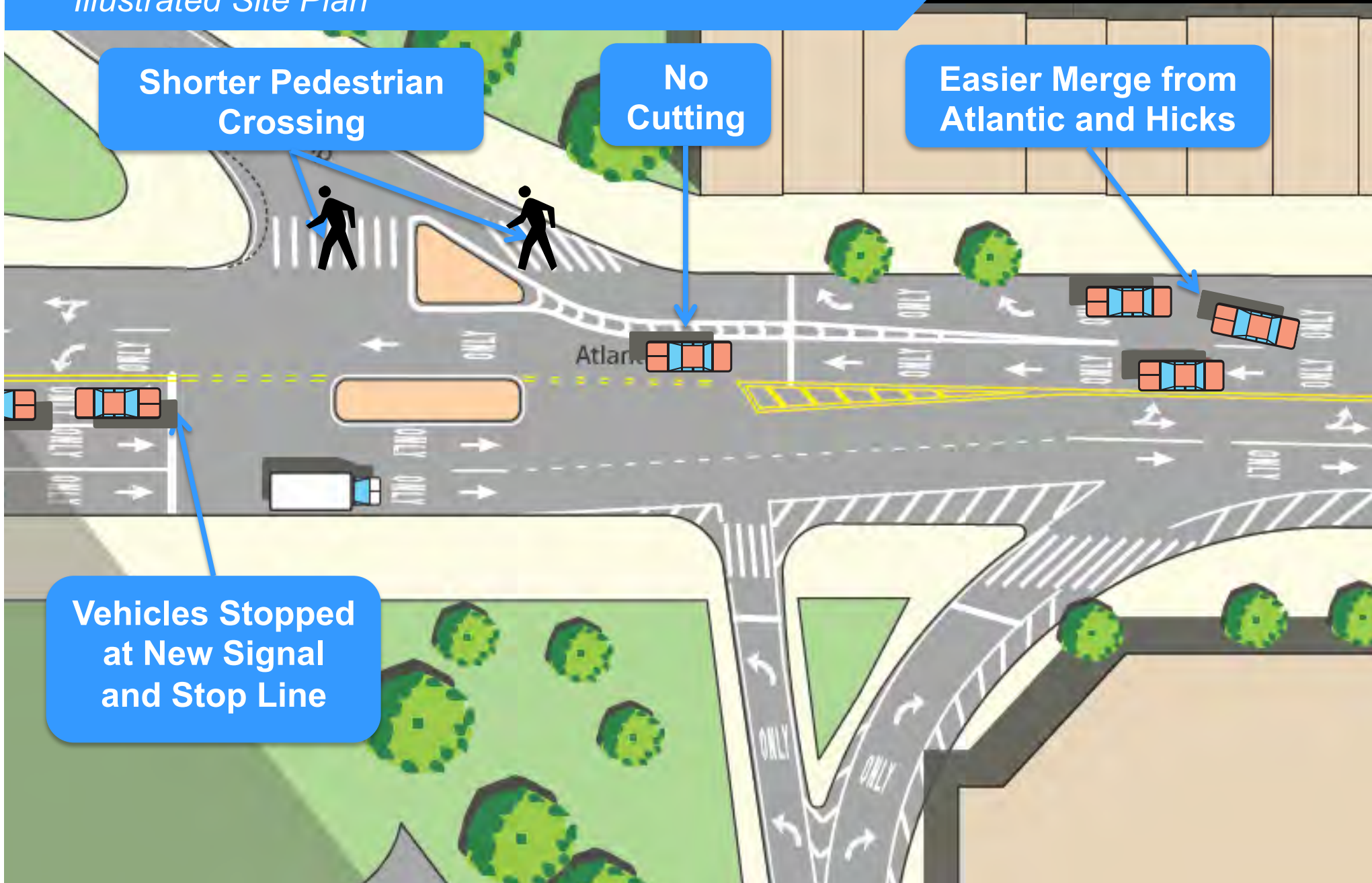
*Illustrated Site Plan*

Shorter Pedestrian Crossing

No Cutting

Easier Merge from Atlantic and Hicks

Vehicles Stopped at New Signal and Stop Line

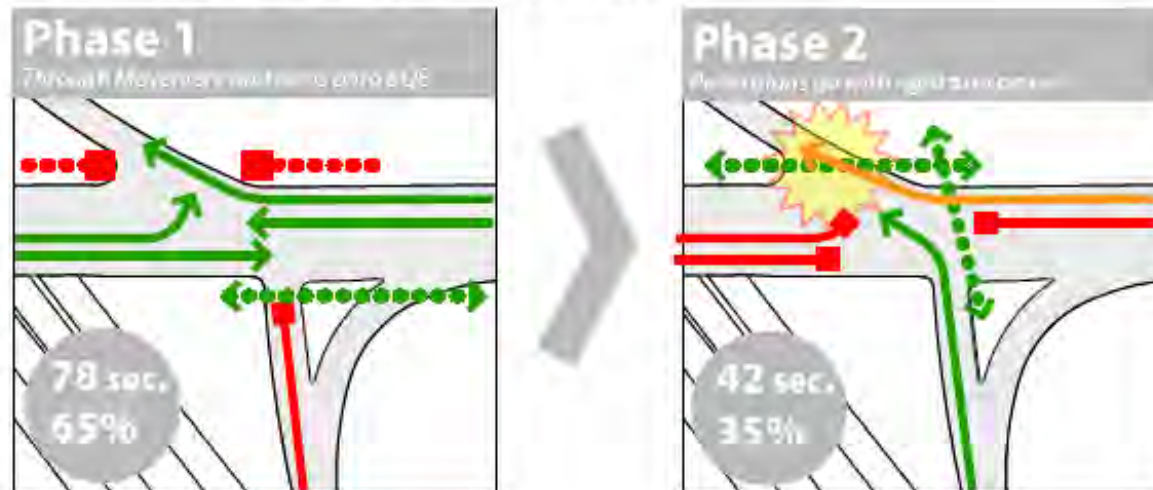




# Proposed Signal Design

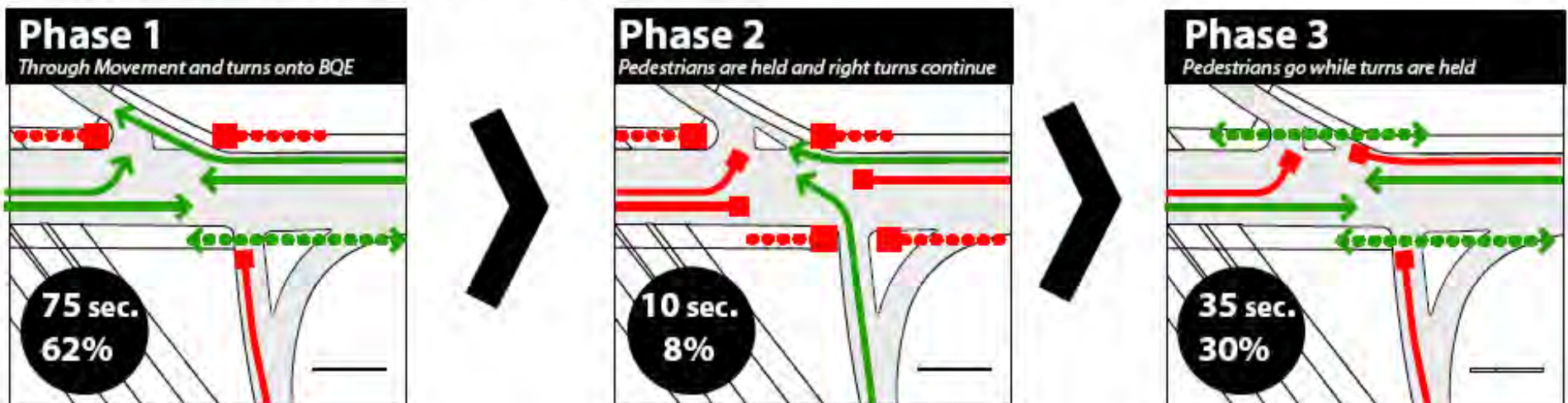
*Existing Signal Phasing / Proposed Signal Phasing Design*

## EXISTING SIGNAL PHASING



- +7 sec/cycle for WB Right Turn
- +120 veh/hour processed on green
- RTOR Eliminated

## PROPOSED SIGNAL PHASING

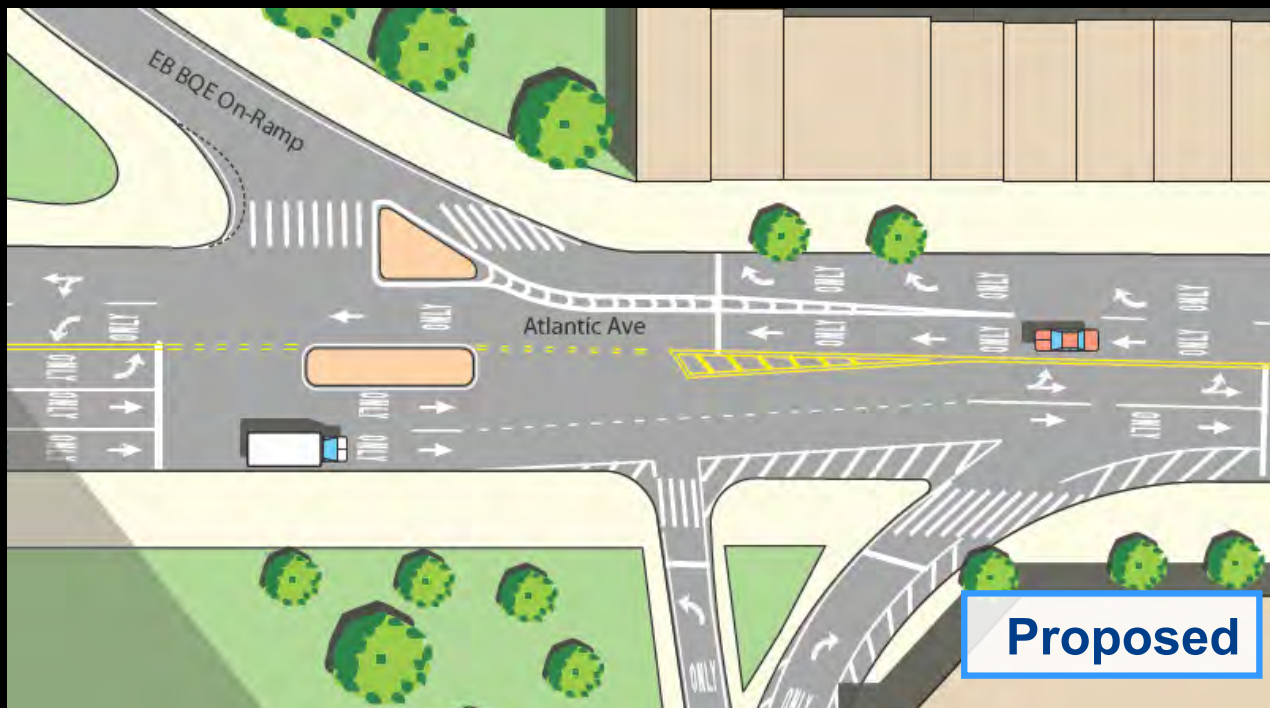




# Proposal Summary

## Conclusion

1. Prevent Illegal Turns
2. Eliminate Right on Red
3. Shorten Pedestrian Crossings





[www.nyc.gov/dot](http://www.nyc.gov/dot)

Thank  
You

