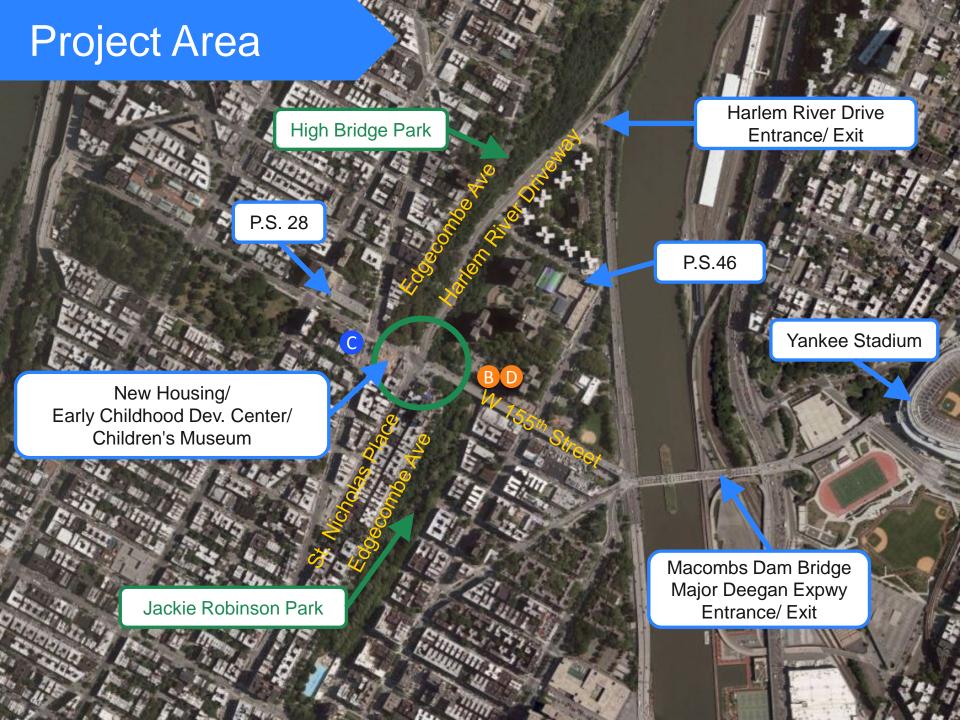


New York City Department of Transportation

Presented to CB 10 Full Board on February 4<sup>th</sup>, 2015





#### Background

#### **Community Requests**

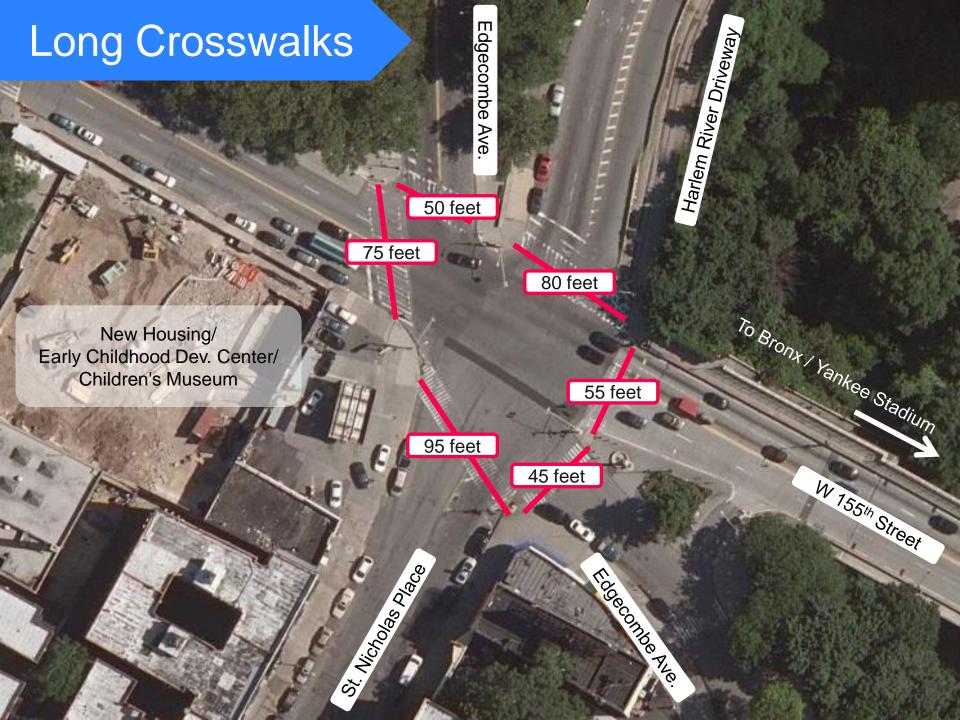
- Former Council Member Jackson requested pedestrian safety improvements
- NYPD 30<sup>th</sup> Precinct requested DOT safety investigation
- Support from NYPD 30<sup>th</sup> and 33<sup>rd</sup> Precincts for proposed DOT improvements

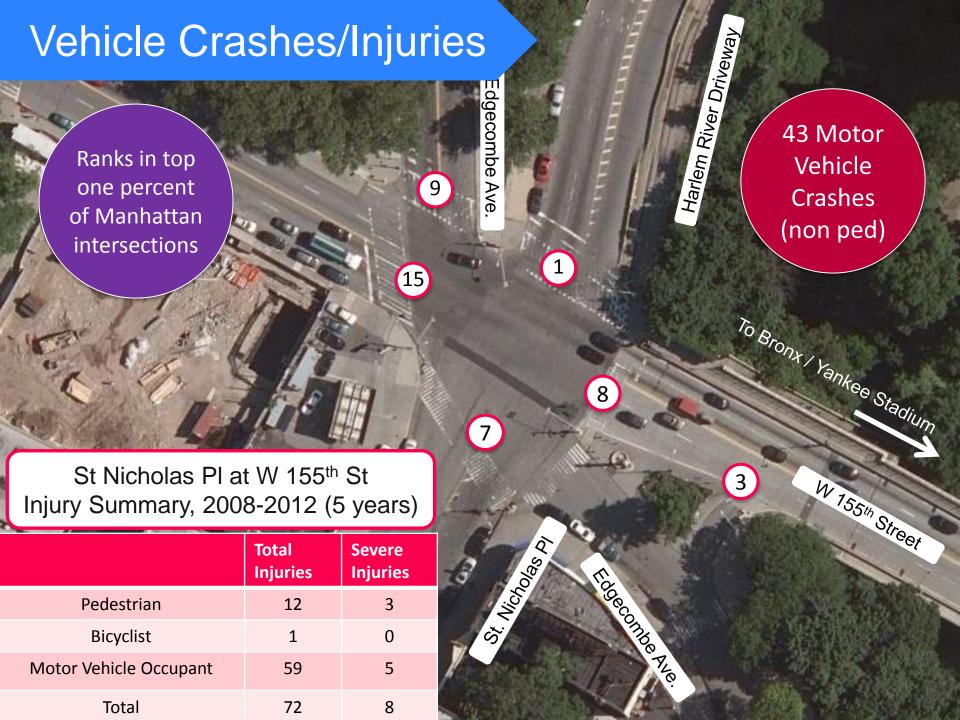
#### **Safety Issues**

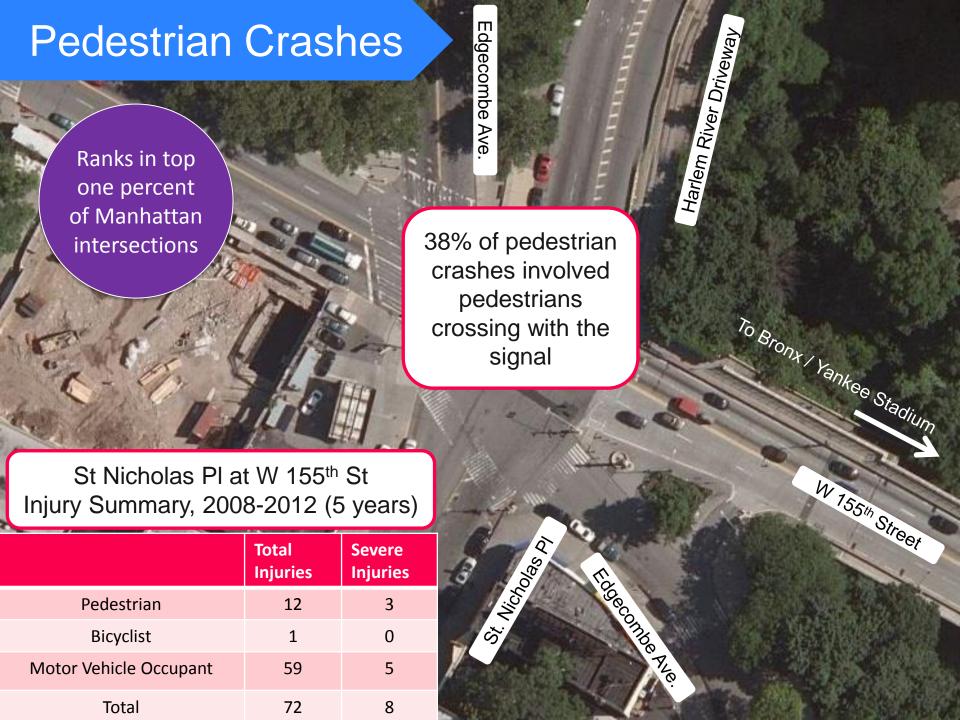
- Long crosswalks
- Pedestrian crashes
- Multi-leg intersection with multiple conflicting movements



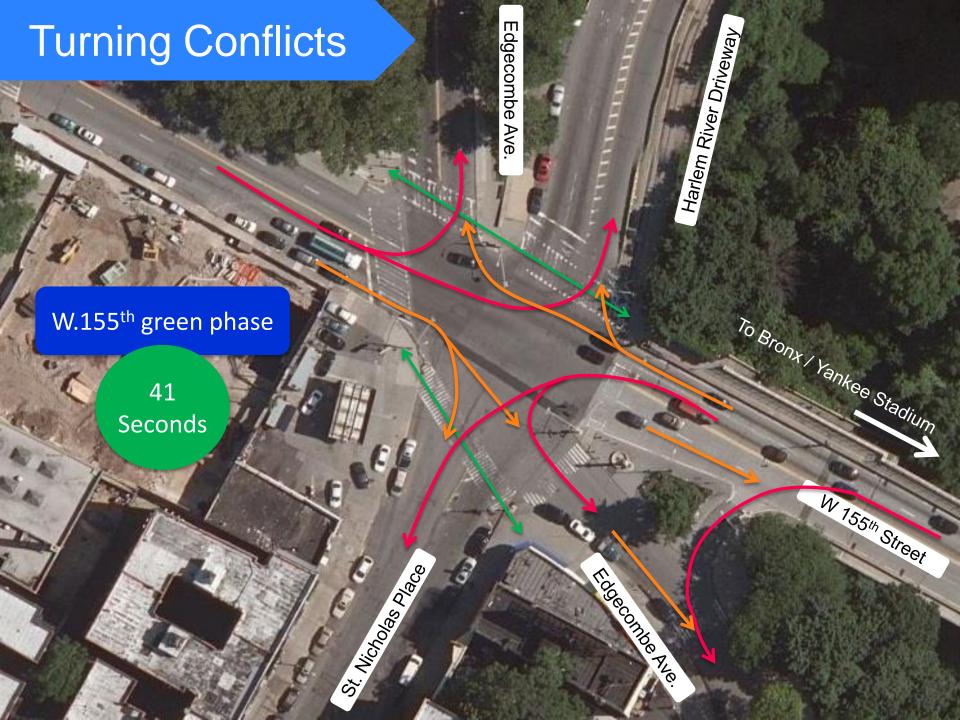
## Background **Public Meetings** 1) 12/06/12 – 1st site walk through and workshop with community members 2) 8/13/13 – 2<sup>nd</sup> site walk through and workshop with community members 3) 5/21/14 - Community forum and presentation 4) 6/02/14 – Presentation to CB12 committee 5) 6/05/14 – Presentation to CB9 committee 6) 6/11/14 - Presentation to CB10 committee 7) 10/2/14 - Presentation to CB9 committee 8) 10/6/14 - Presentation to CB12 committee 9) 10/14/14 - Presentation to CB10 committee 10) 1/13/15 - Update with CB10 committee

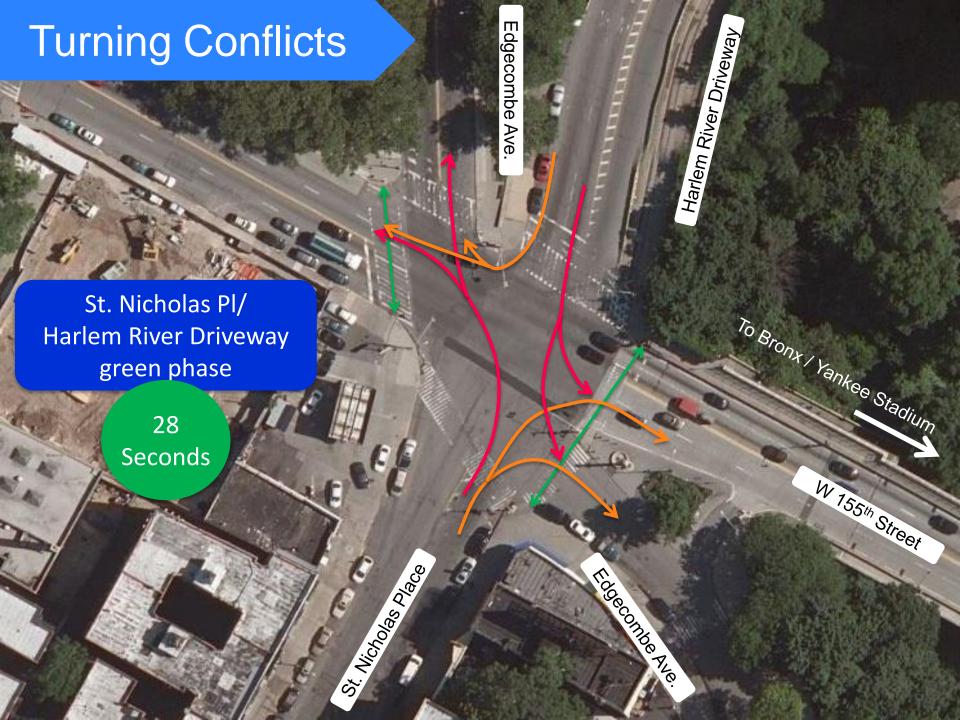






# **Turning Conflicts** 23% of motor vehicle crashes involved left turning vehicles Compared to 6.8% average in all of Manhattan







#### Rapid Response Toolkit

Pavement markings

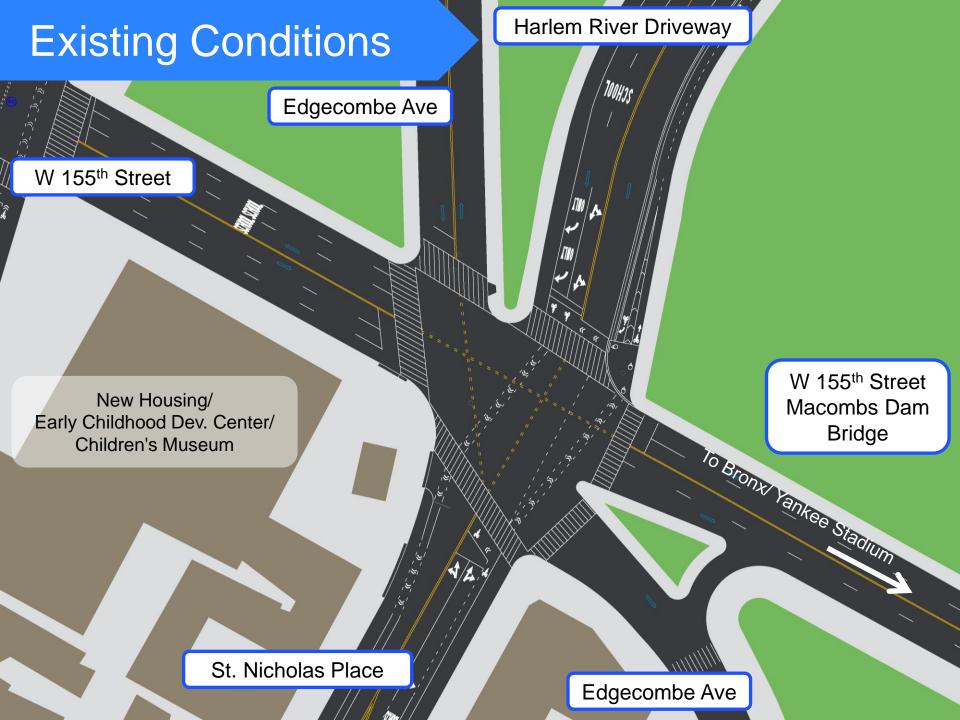
Turn Restrictions

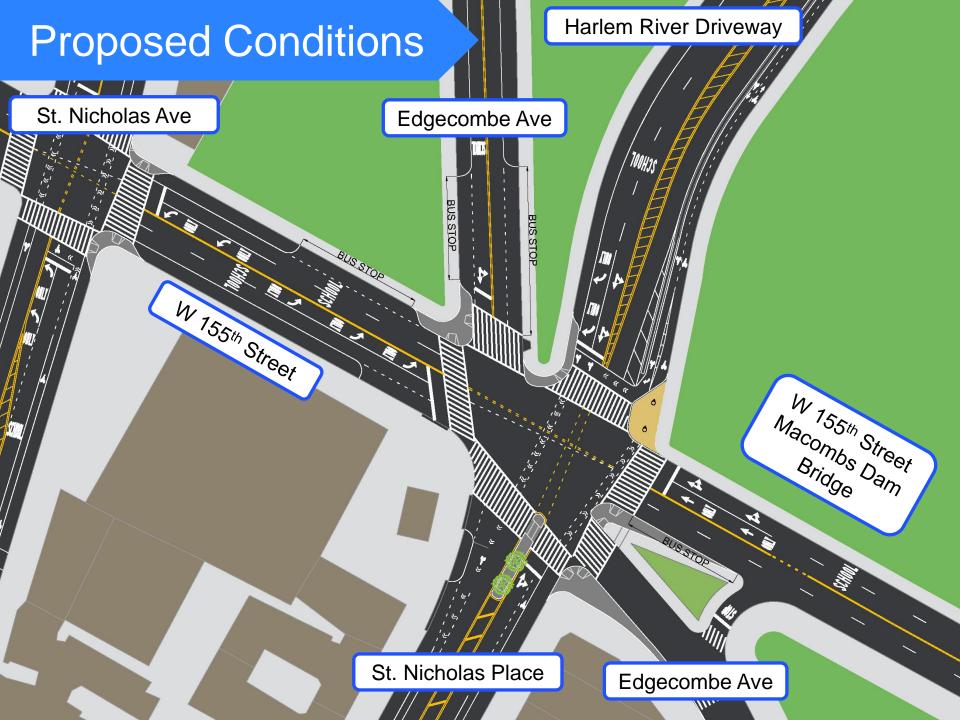
Painted surfaces

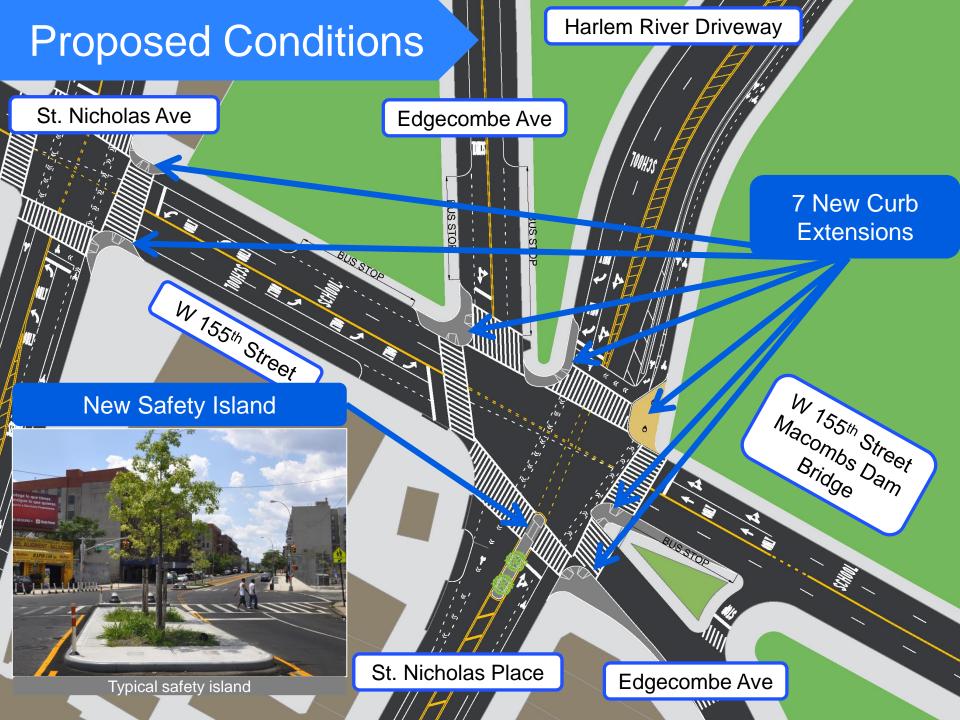
 Concrete Islands & Island Extensions

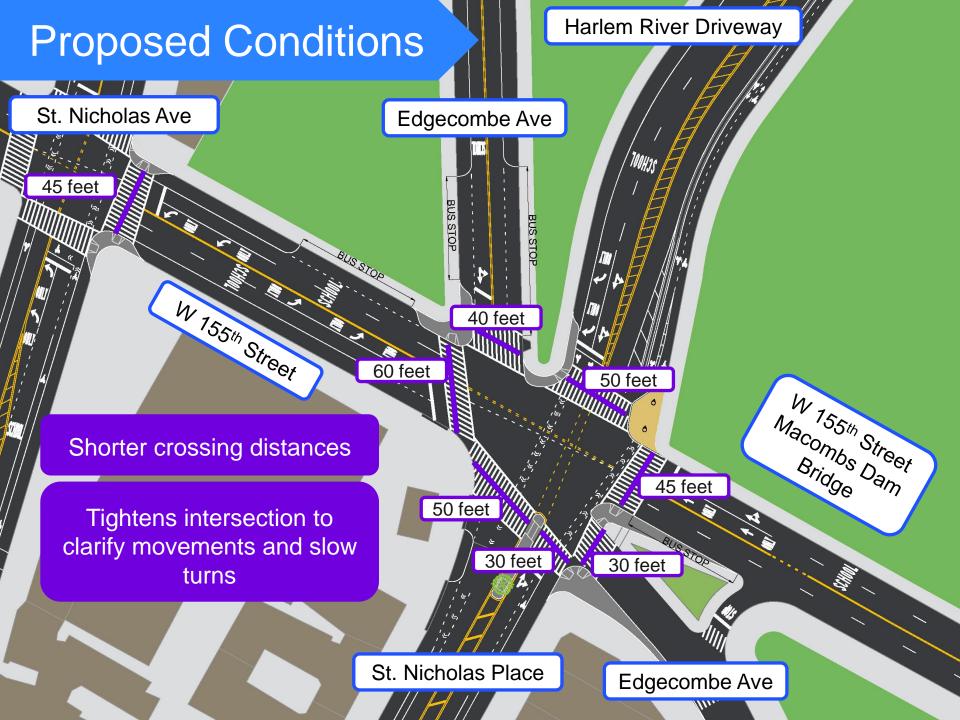
Flexible Delineators

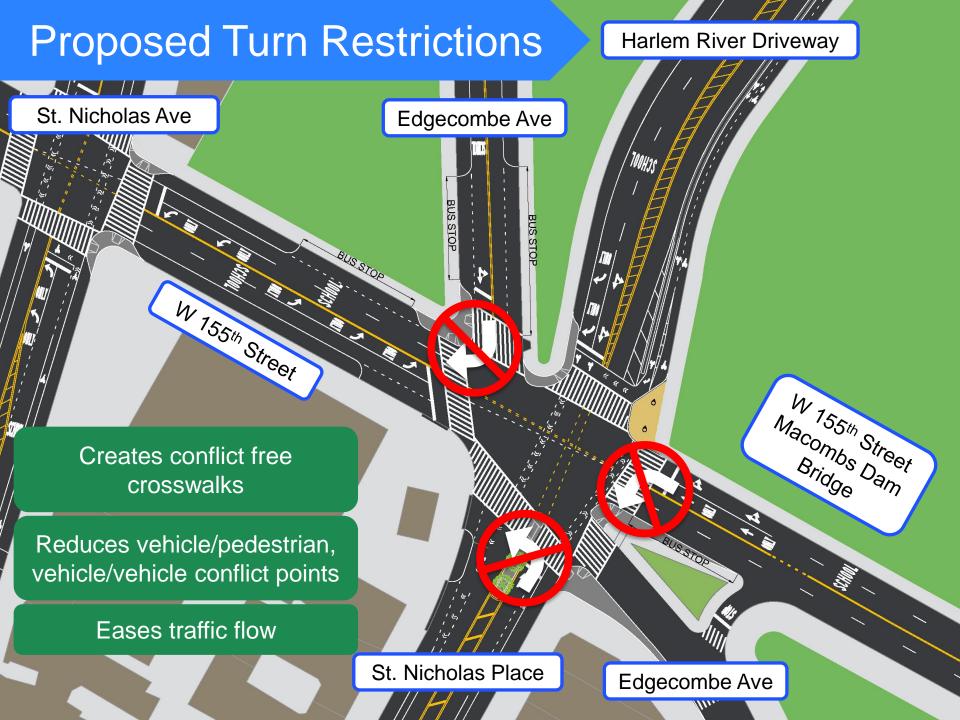


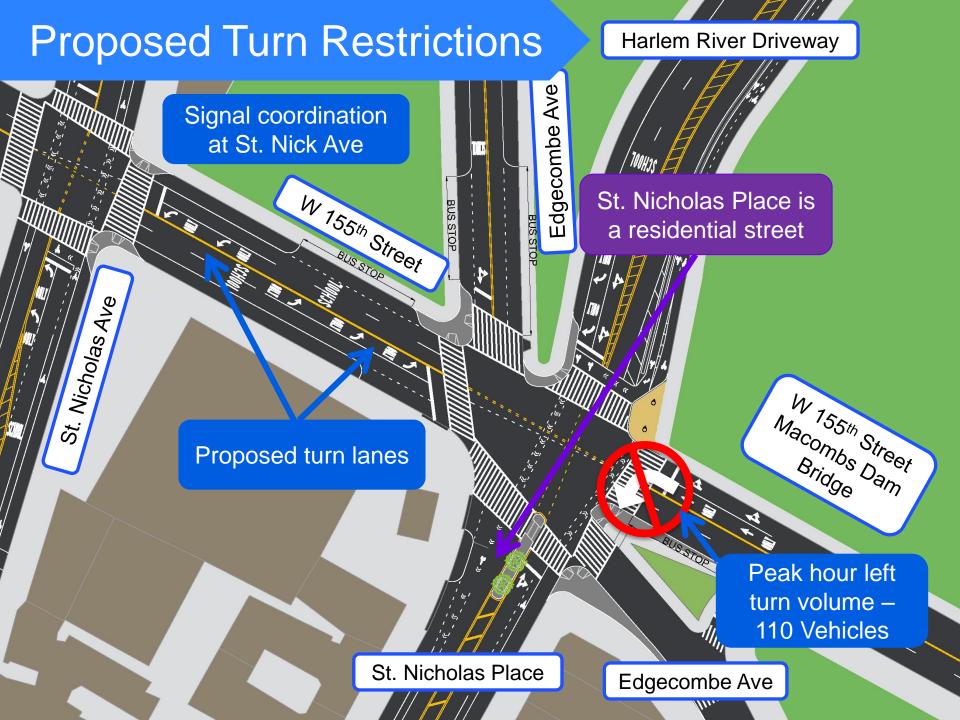


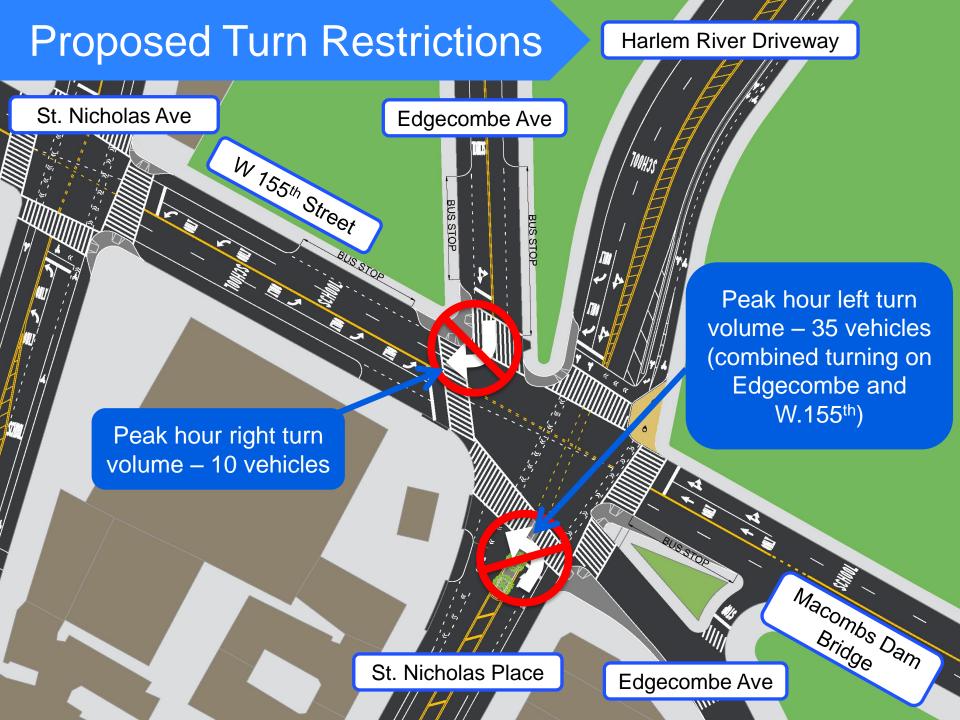


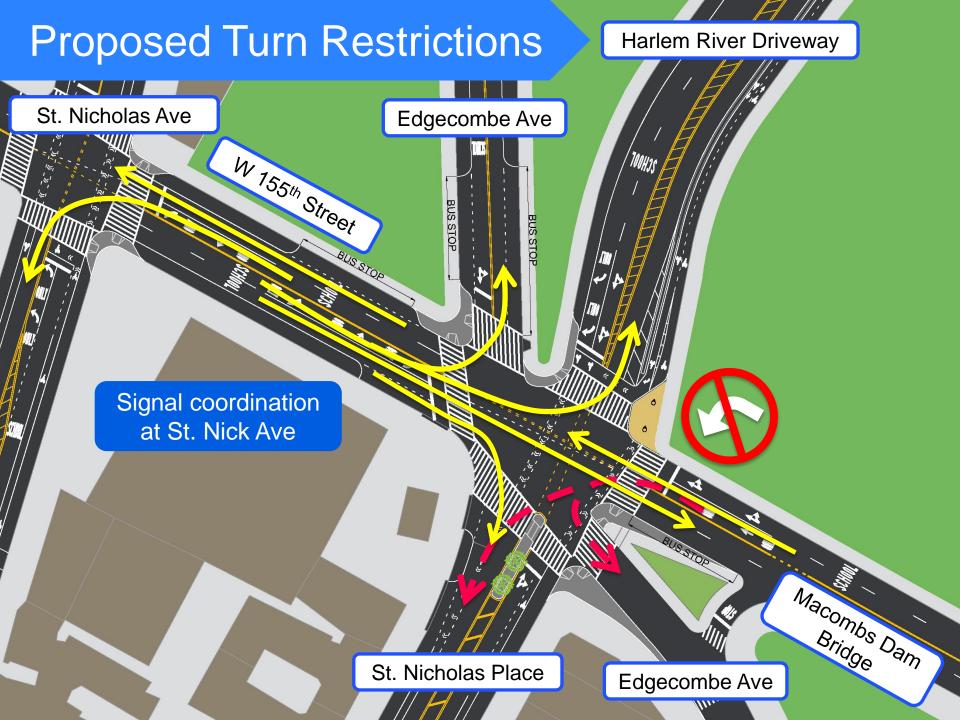


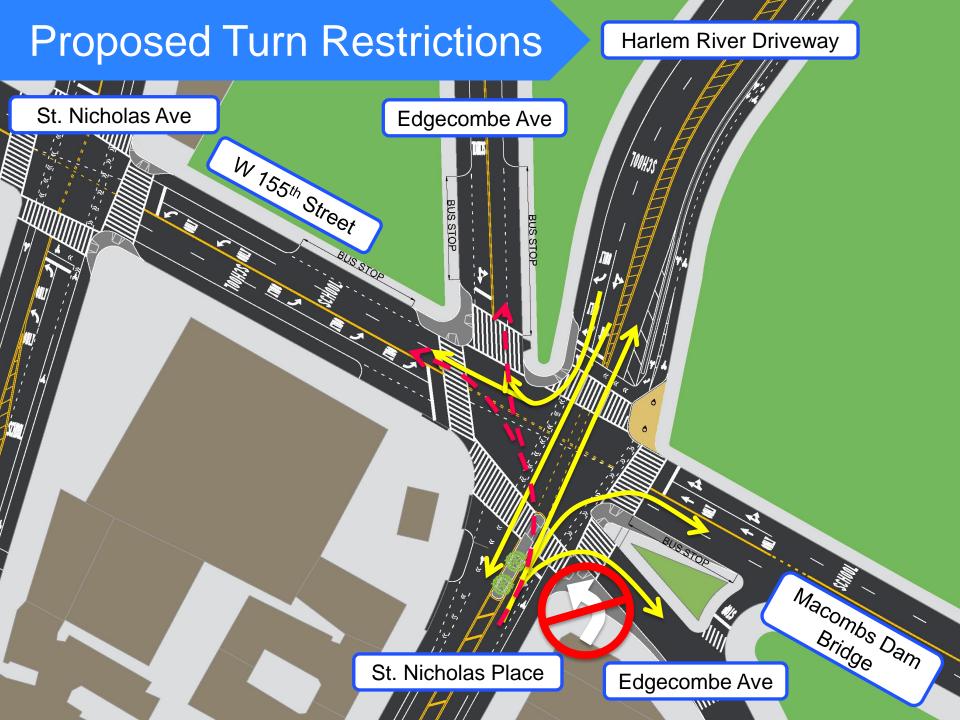












St Nicholas PI Corridor Improvements

75% of pedestrian crashes involved pedestrians crossing at intersections without stop signs or signals

St Nicholas PI: W 150<sup>th</sup> St to at W 153<sup>rd</sup> St Injury Summary, 2008-2012 (5 years)

	Total Injuries	Severe Injuries	Fatalities
Pedestrian	4	0	0
Bicyclist	2	0	0
Motor Vehicle Occupant	29	6	1
Total	35	6	1



### **Existing Conditions**

Lack of pedestrian crossings

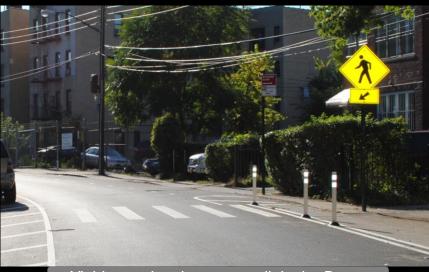
Uninterrupted corridor encourages speeding



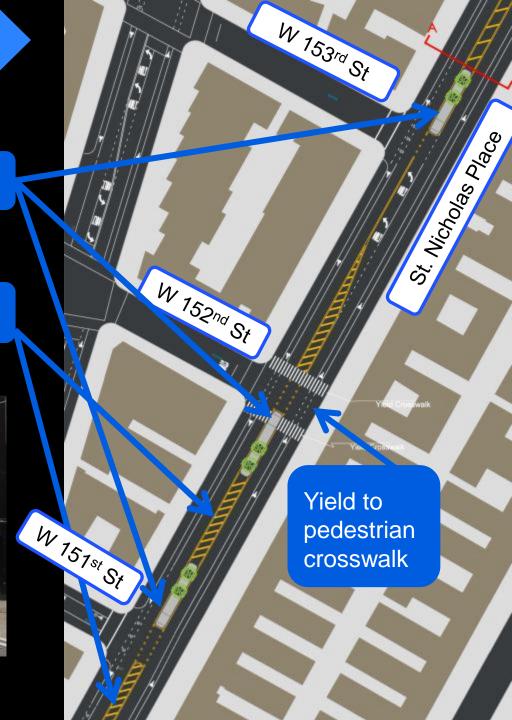
#### **Proposed Conditions**

New pedestrian islands

Speed humps installed Summer 2014



Yield to pedestrian crosswalk in the Bronx



#### Plan Summary

Proposed Changes to the Intersection of St. Nicholas Pl and W 155<sup>th</sup> St

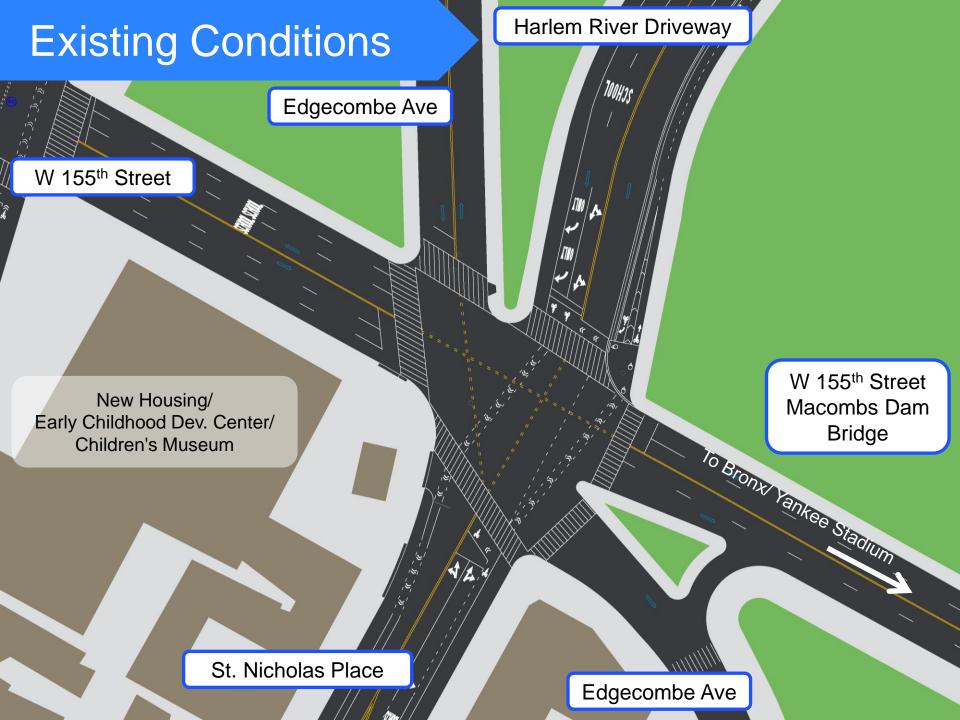
- 1. Add new pedestrian safety island on St. Nicholas Pl at W.155<sup>th</sup> St
- 2. Install five neckdowns at W.155<sup>th</sup> & St. Nicholas Pl
- 3. Install two neckdowns at W.155th & St. Nicholas Ave
- 4. Add left turn lane on W.155<sup>th</sup> St (E/B)
- 5. Modify signal timing to process W.155<sup>th</sup> vehicles through St. Nicholas PI and St. Nicholas Ave
- 6. Ban southbound lefts off of W 155<sup>th</sup> St
- 7. Ban southbound right from Edgecombe
- 8. Ban westbound lefts off of W 155<sup>th</sup> St

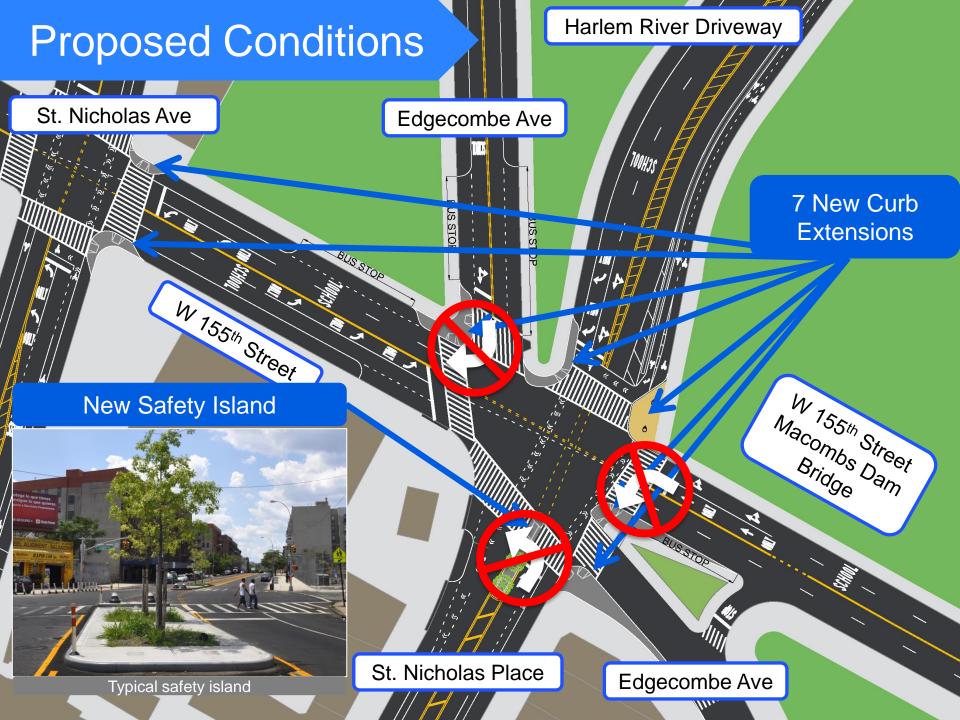
#### Proposed Changes to St. Nicholas Pl

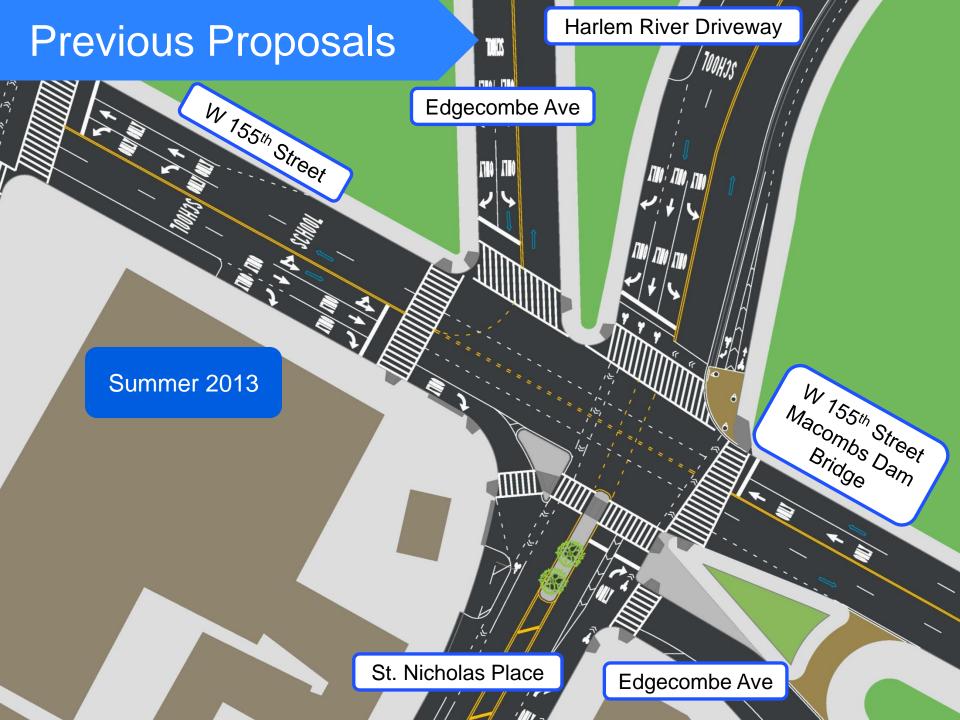
- 1. Add pedestrian islands at 151st St, 152nd St and 153rd St
- 2. Add yield crosswalk on St. Nicholas Pl at W 152<sup>nd</sup> St

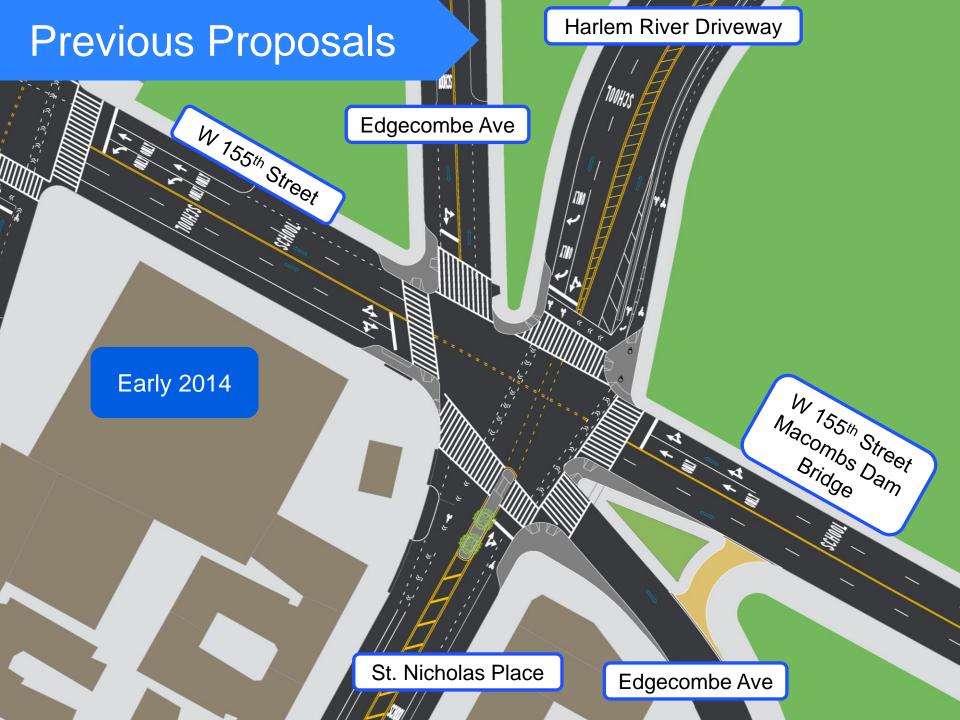
## nyc.gov/dot

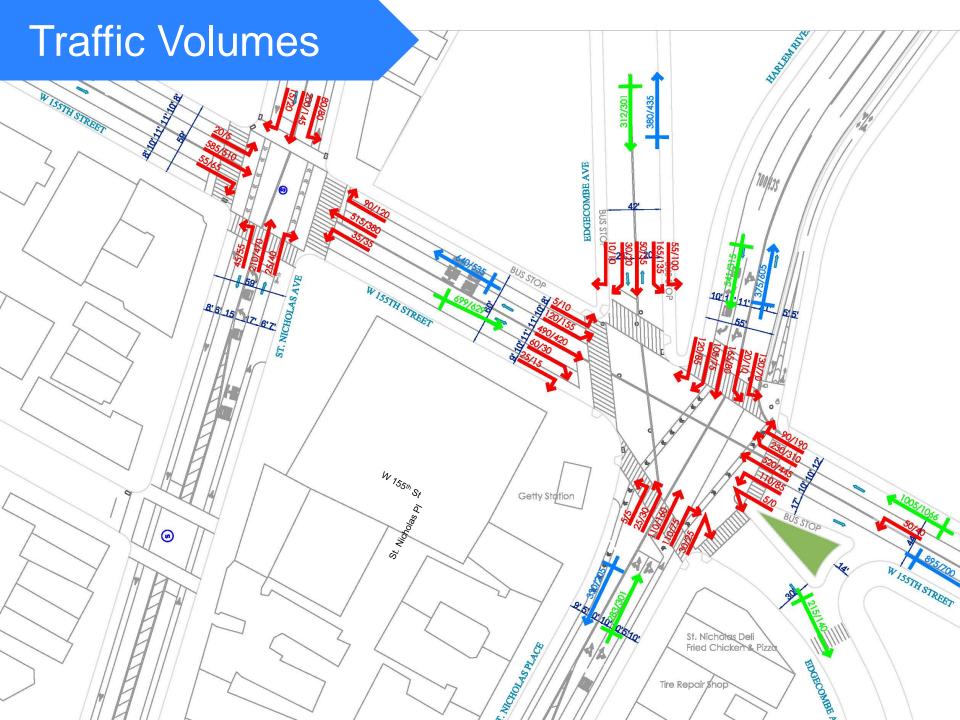


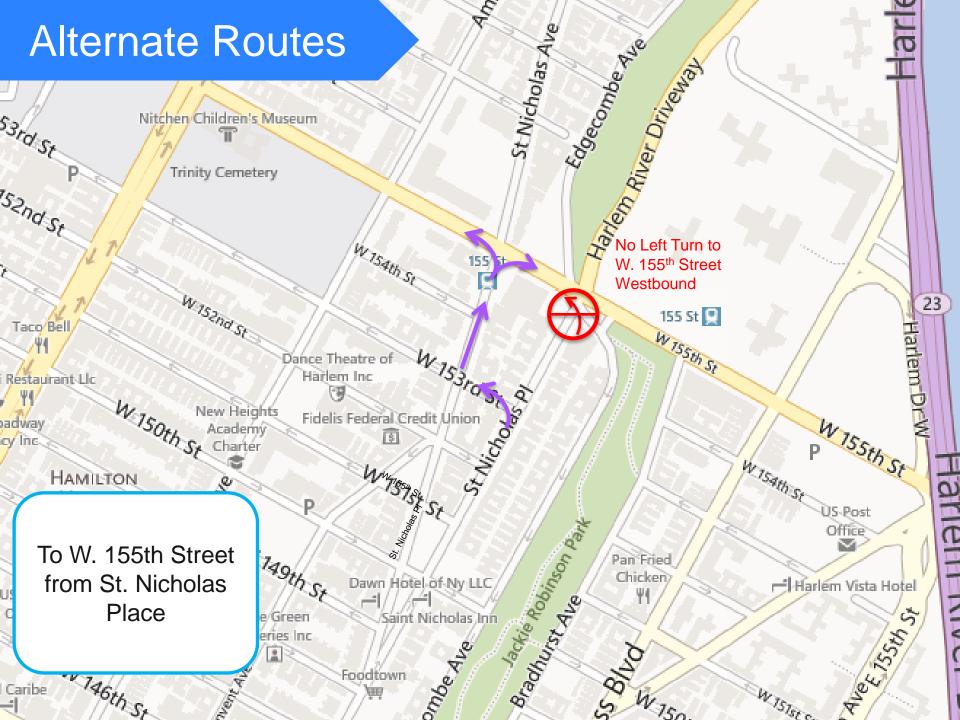


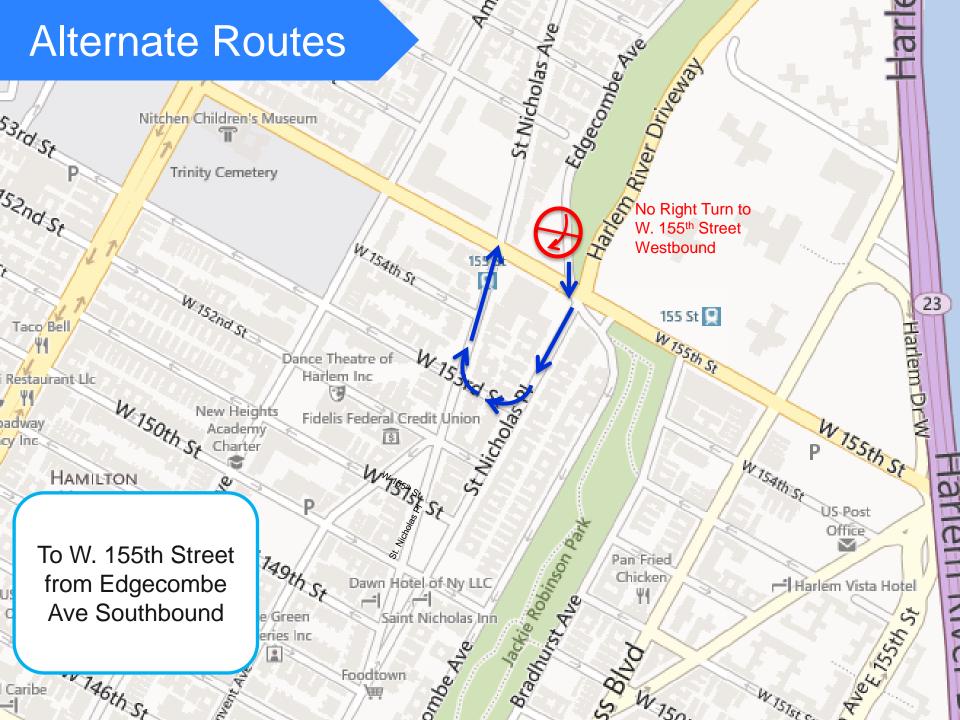


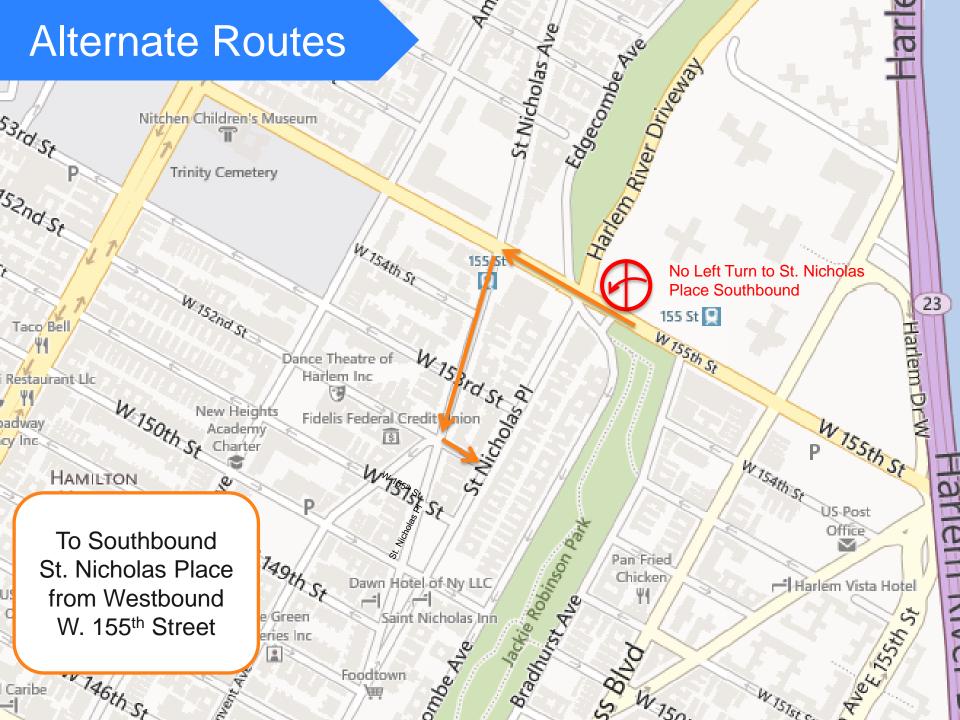












#### Vehicle Crashes/Injuries

Ranks in top one percent of Manhattan intersections

2 rear end
2 left turn
2 right angle

8 rear end

2 sideswipe

1 over taking

Harlem River Driveway

43 Motor
Vehicle
Crashes
(non ped)

1 right angle

1 left turn

1 head on

3 rear end

2 right-angle

St Nicholas D.

6 left turn 1 head on

W 155th Street

Severe **Total Injuries Injuries** 3 Pedestrian 12 **Bicyclist** 0 1 Motor Vehicle Occupant 59 5 72 Total 8

St Nicholas PI at W 155th St

Injury Summary, 2008-2012 (5 years)

\*9 crash types unidentified

