



## NORTHERN BLVD: 146 ST – 147 ST

School Safety Improvements

Presentation to CB 7 Transportation Committee | January 7, 2019



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# PROJECT BACKGROUND

# 1



# Background

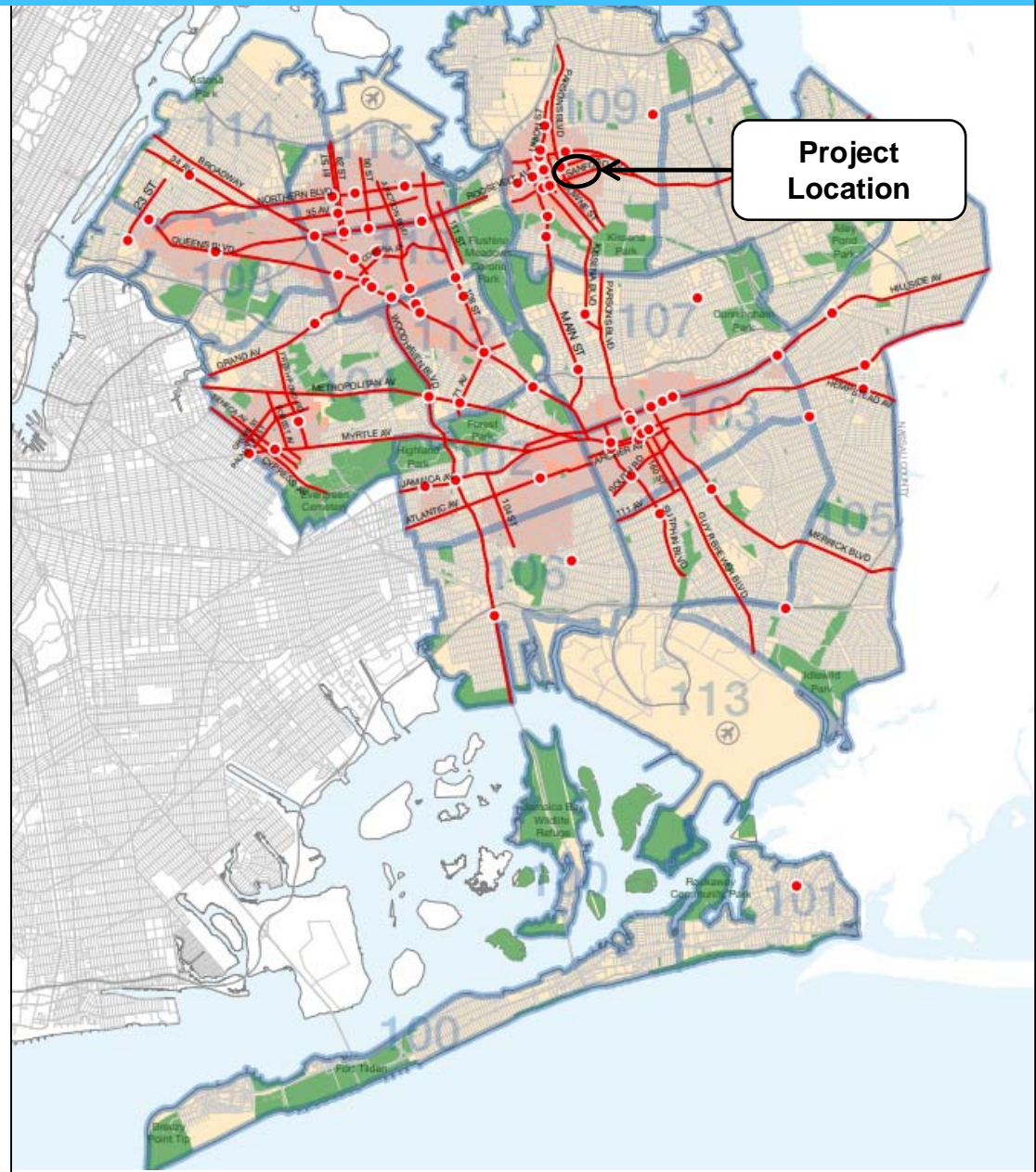
## Vision Zero Priority

### Vision Zero

- Multi-agency effort to reduce traffic fatalities in NYC
- Borough Action Plans released in 2015
- Priority Intersections, Corridors, and Areas identified for each borough

### Northern Blvd

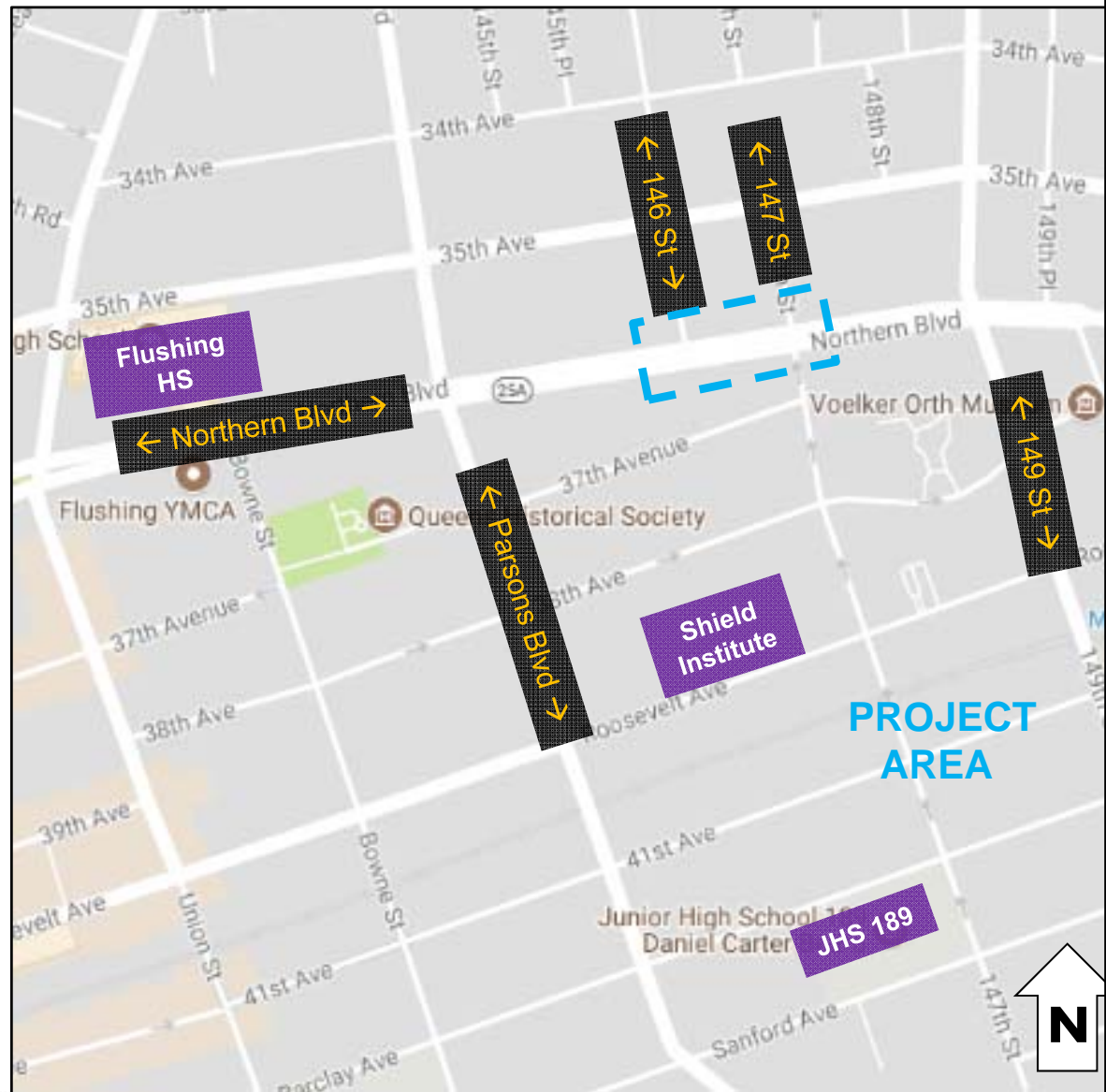
- Northern Blvd is a Vision Zero Priority Corridor
- Northern Blvd and 146 St is a Vision Zero Priority Intersection
- Located in a Priority Area



# Background

## School Safety

- Project area used by students accessing Flushing High School, Junior High School 189 and The Shield Institute
- Safety improvements requested by The Shield Institute, a private school for children and adults with Autism spectrum disorder
- Mixed use commercial and residential area
- Located in the Flushing Senior Pedestrian Focus Area
- Commercial corridor with multiple drive-thrus and parking lots at 146 St and 147 St



## Background

### Safety Data: Northern Blvd: 146 St – 147 St

- 1 pedestrian fatality and 1 severe pedestrian injury (2012-2016)
- 61% of pedestrian injuries are from left turn crashes

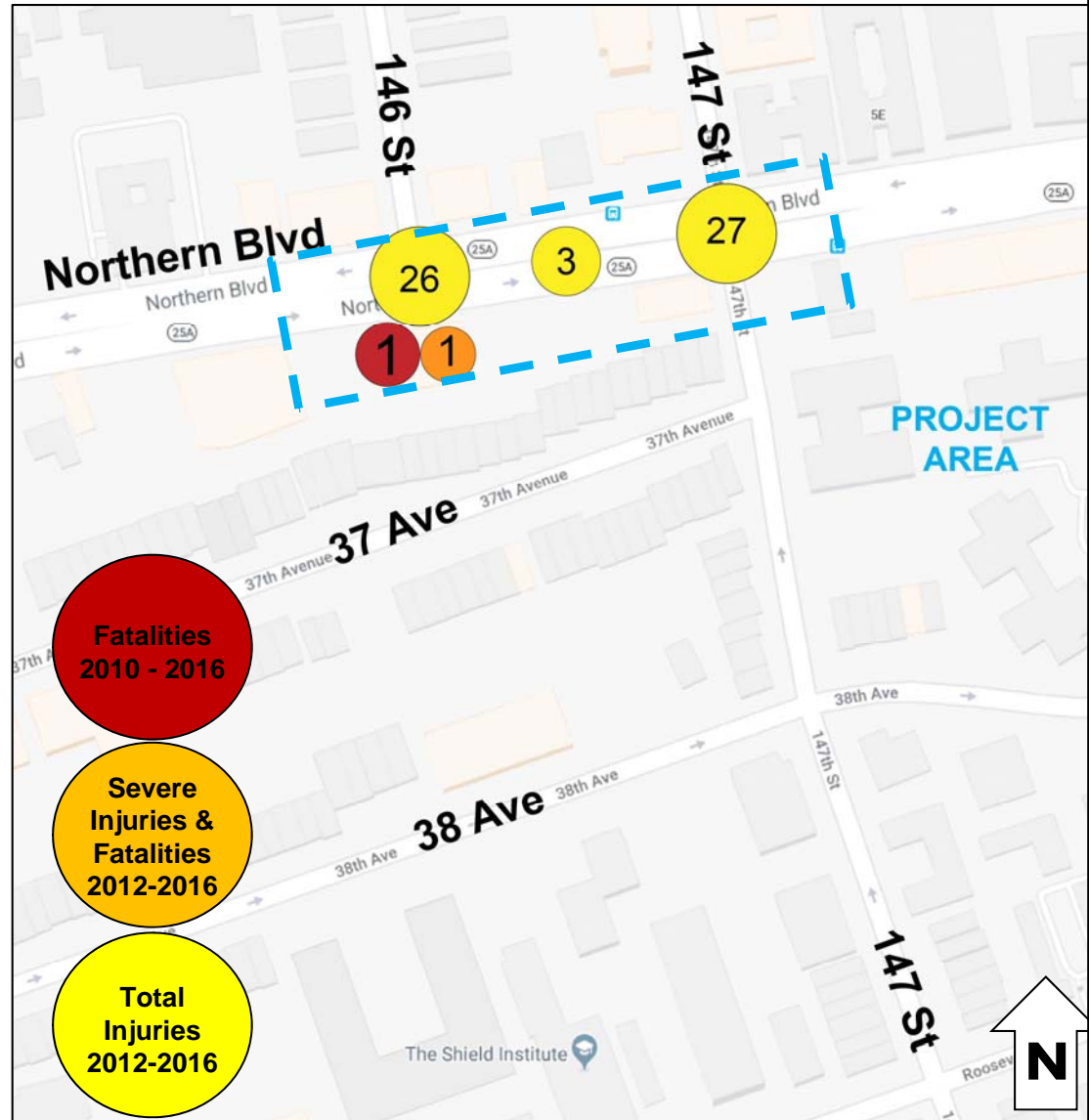
#### Northern Blvd - 146 St to 147 St, QN

##### Injury Summary, 2012-2016 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	18	1	1	2
Bicyclist	1	0	0	0
Motor Vehicle Occupant	37	1	0	1
Total	56	2	1	3

Fatalities, 01/01/2012-3/5/2018 : 1

Source: Fatalities: NYCDOT  
Injuries: NYSDOT  
KSI: Persons Killed or  
Severely Injured



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## EXISTING CONDITIONS & PROPOSALS

# 2



## Existing: Northern Blvd, 146 St – 147 St

### Long crossings and wide vehicle turns

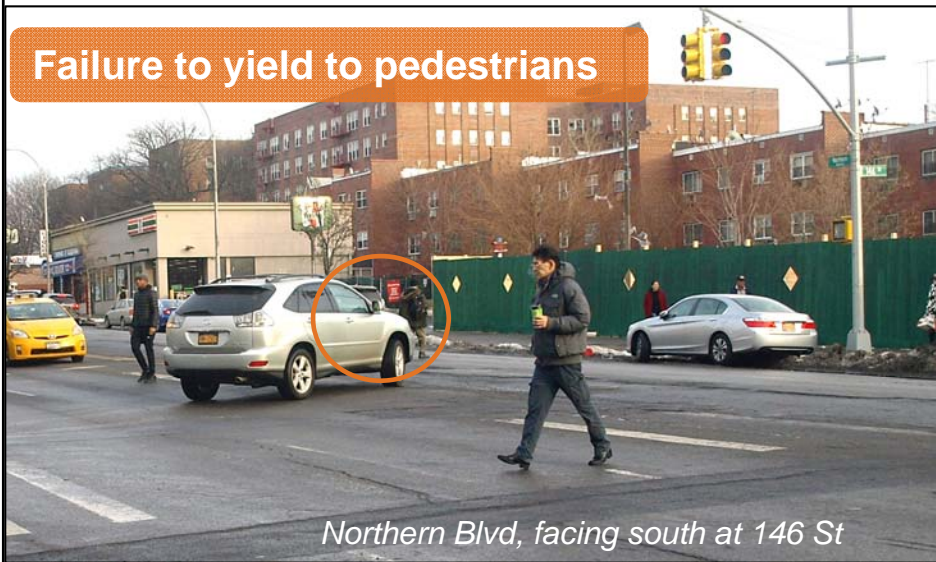
Long crossing distances



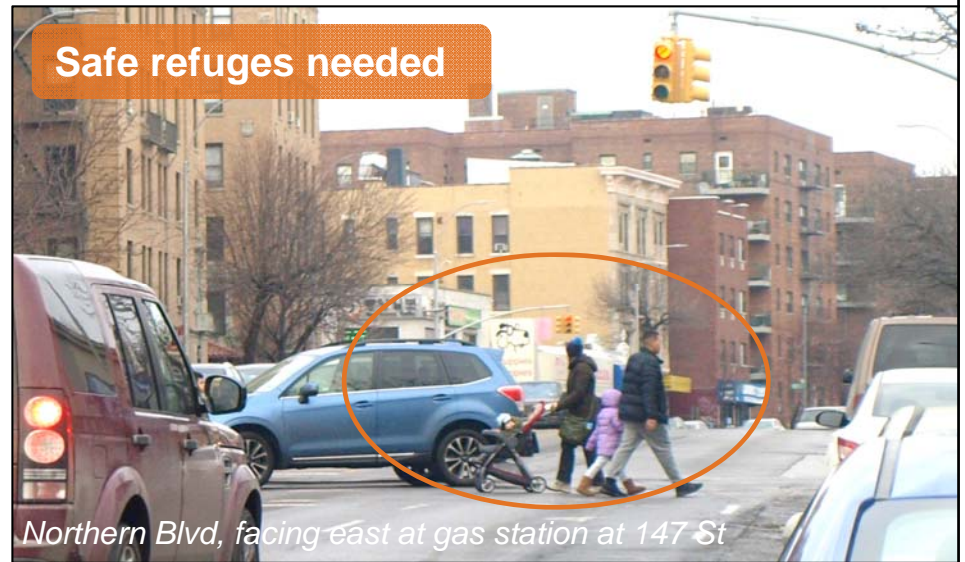
Wide vehicle turns



Failure to yield to pedestrians



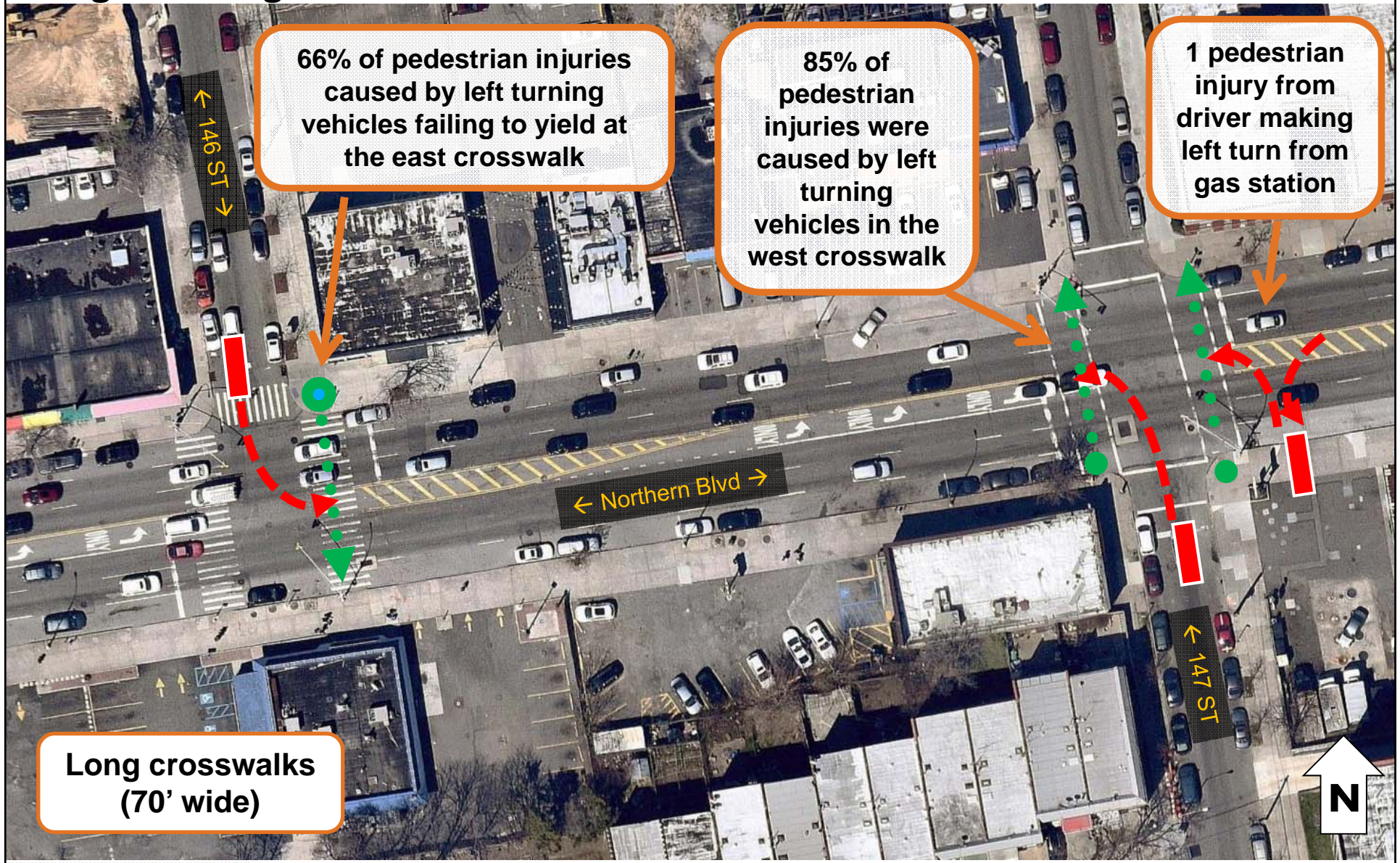
Safe refuges needed





## Existing: Northern Blvd, 146 St – 147 St

### Long crossings and wide vehicle turns





# Proposal: Northern Blvd, 146 St – 147 St

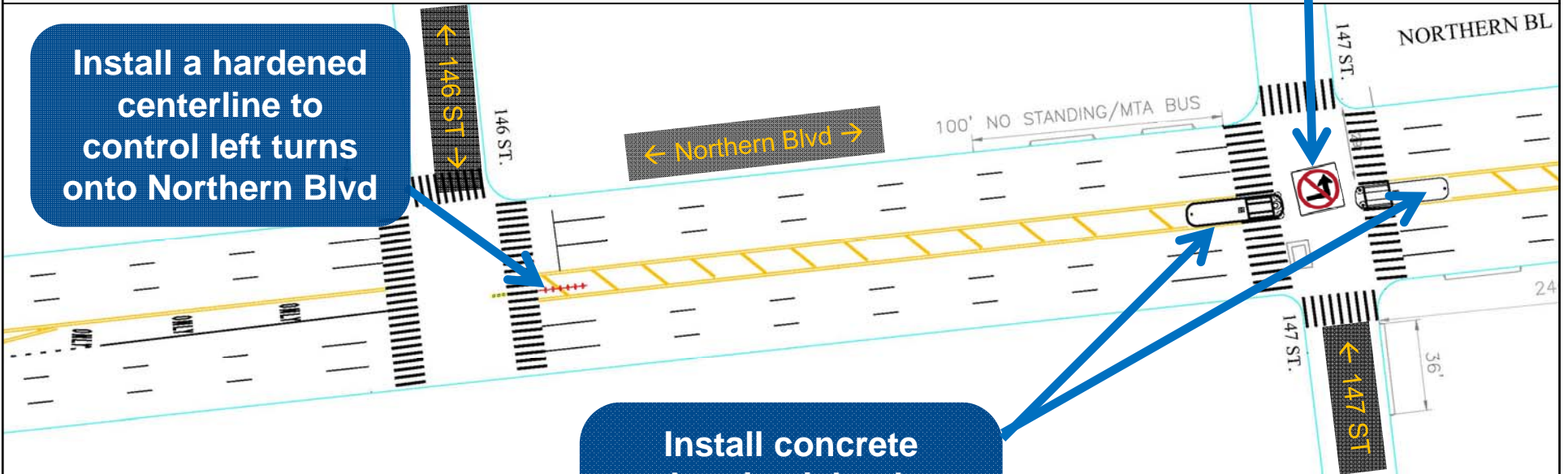
## Shorter crossing distances and controlled vehicle turns

Previous proposal included left turn ban from Northern Blvd to 146 St

Ban left turn at 147 St to reduce pedestrian and vehicle conflicts

Install a hardened centerline to control left turns onto Northern Blvd

Install concrete pedestrian islands to shorten crossings and control vehicle turns



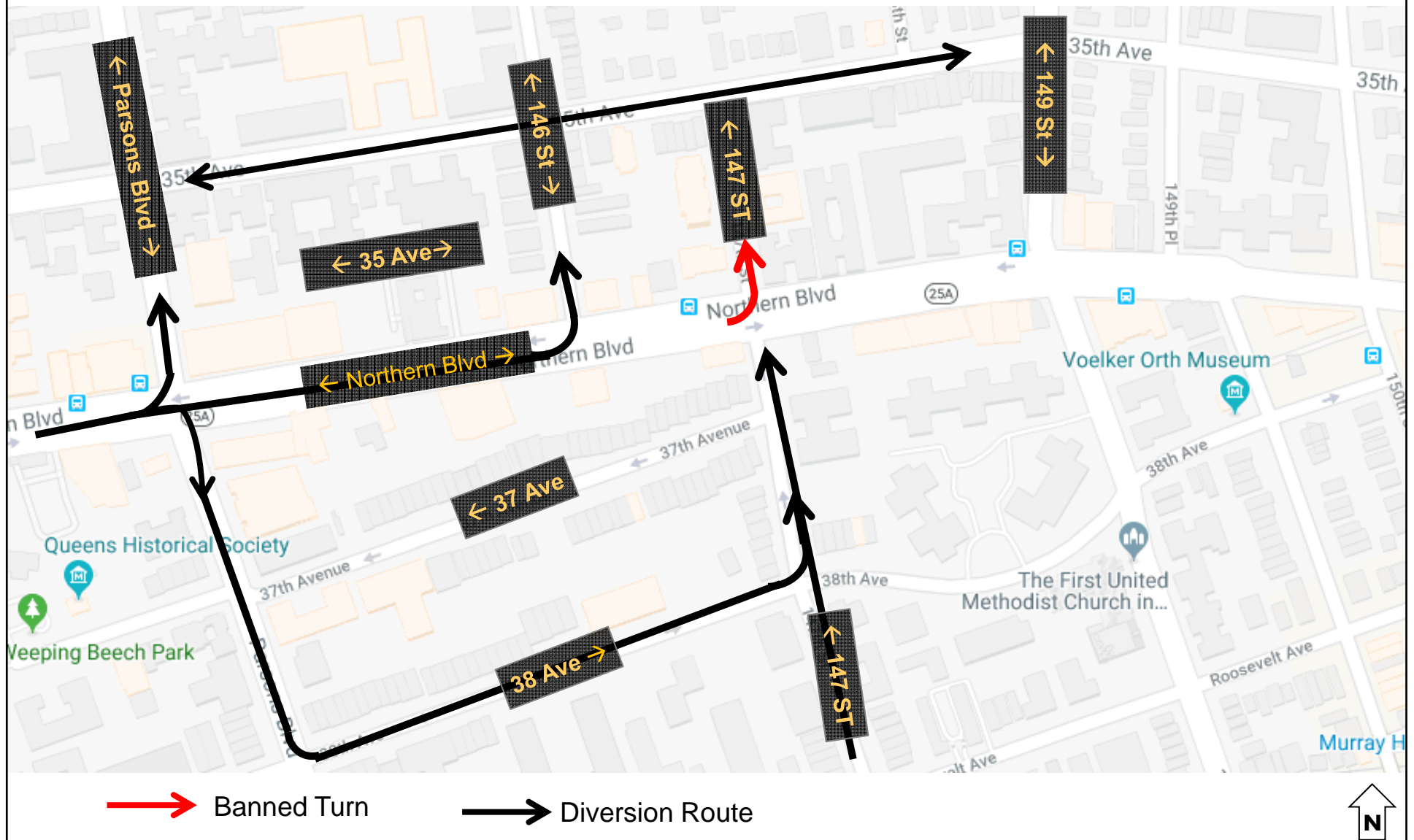
Hardened centerline at White Plains Rd and Archer St, Bronx



Pedestrian Island at Northern Blvd and 103 St, Queens

# Proposal Detail: Northern Blvd and 147 St

## Left turn ban

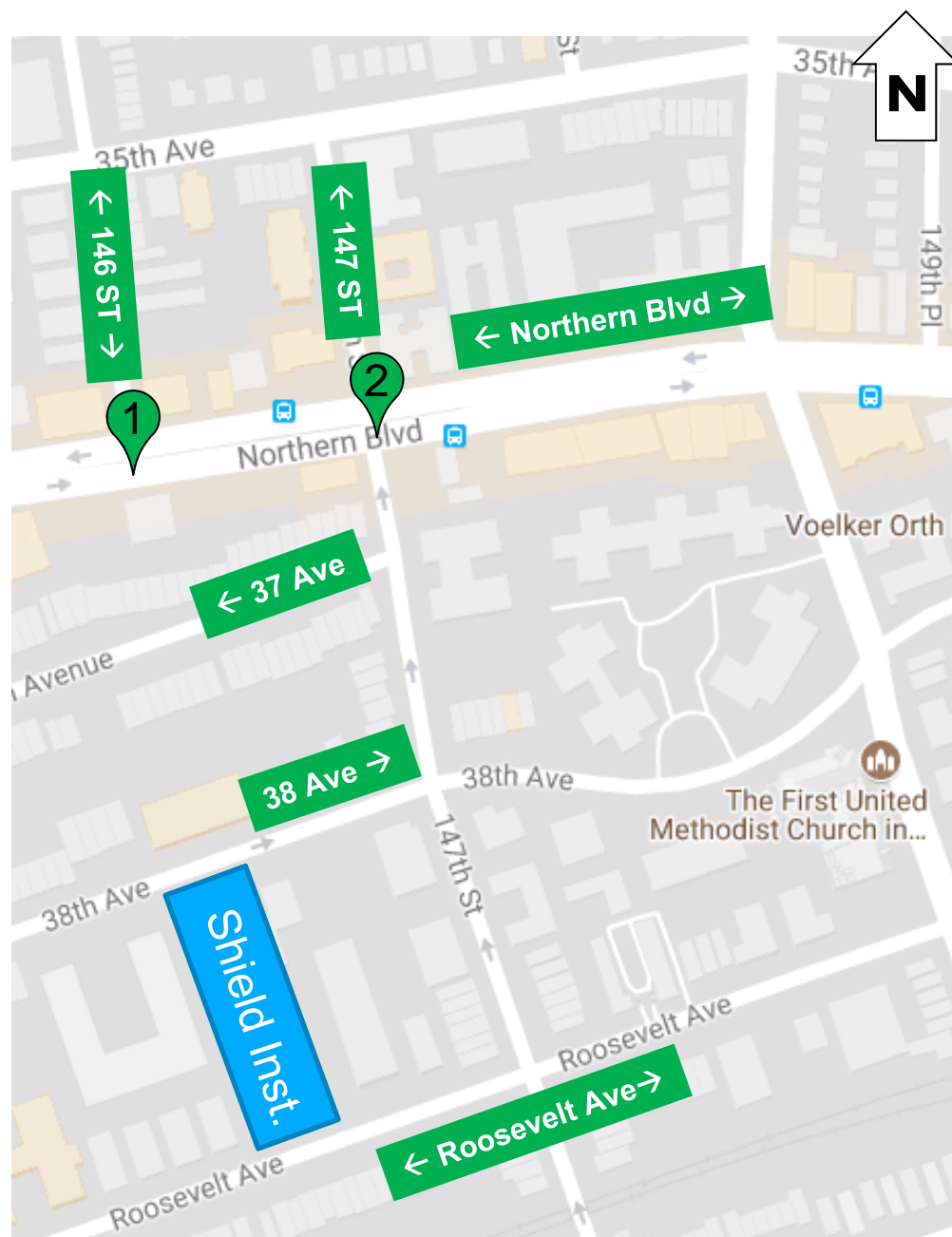




# SUMMARY OF PROPOSALS

## Northern Blvd: 146 St – 147 St

1. Northern Blvd and 146 St:
  - Add hardened centerline in flush median in east leg to control vehicle turns
2. Northern Blvd and 147 St:
  - Add concrete pedestrian refuge islands in east and west legs of intersection
  - Left turn ban from eastbound Northern Blvd onto NB 147 St to reduce pedestrian and vehicle conflict



# THANK YOU!

## Questions?



Contact: NYCDOT Queens Borough Commissioner's Office – (212) 839-2510



NYC DOT



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