



NORTHERN BLVD: 146 ST – 147 ST

School Safety Improvements

Presentation to Community Board 7 | February 11, 2019



PROJECT BACKGROUND

1

Background

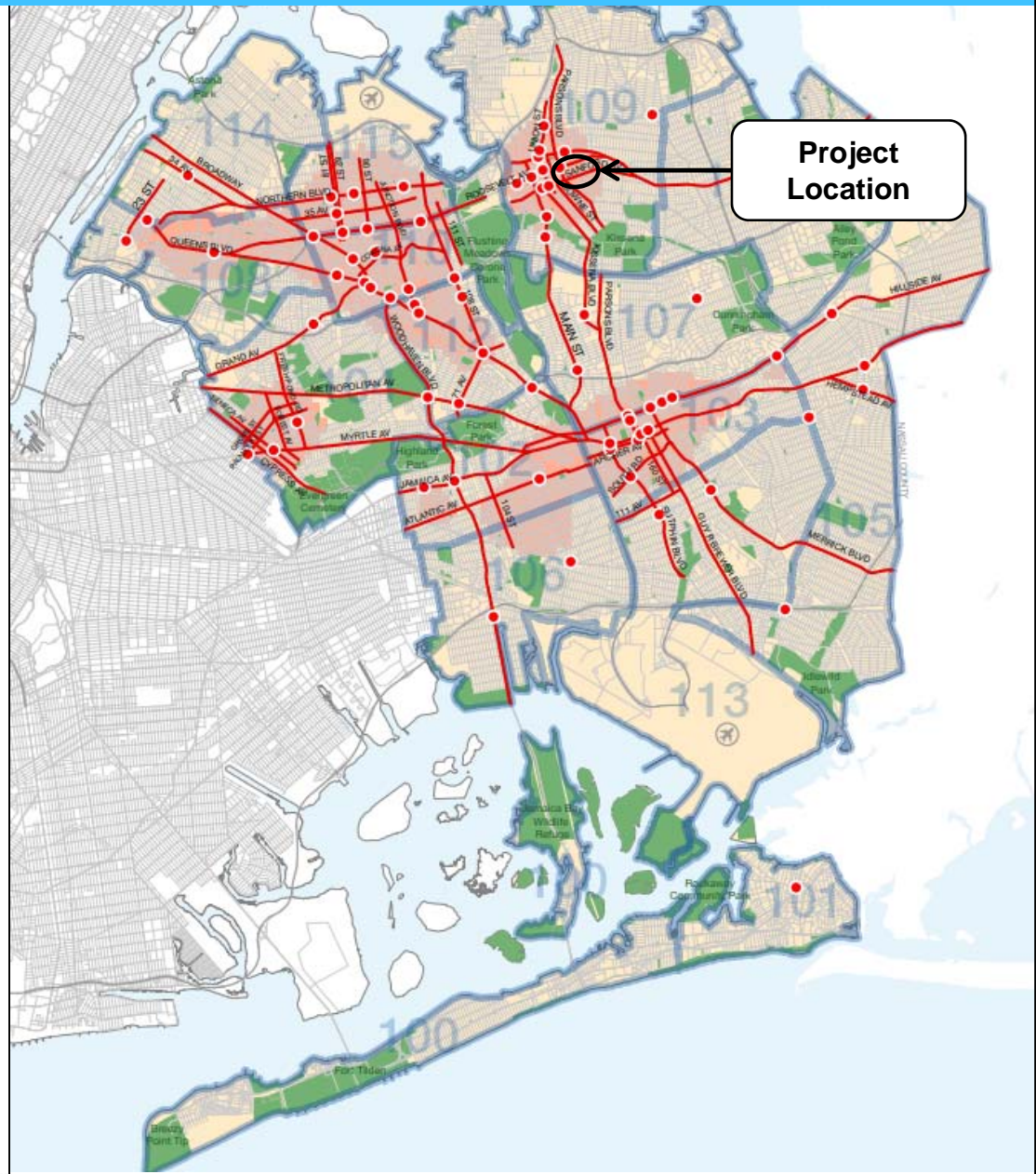
Vision Zero Priority

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

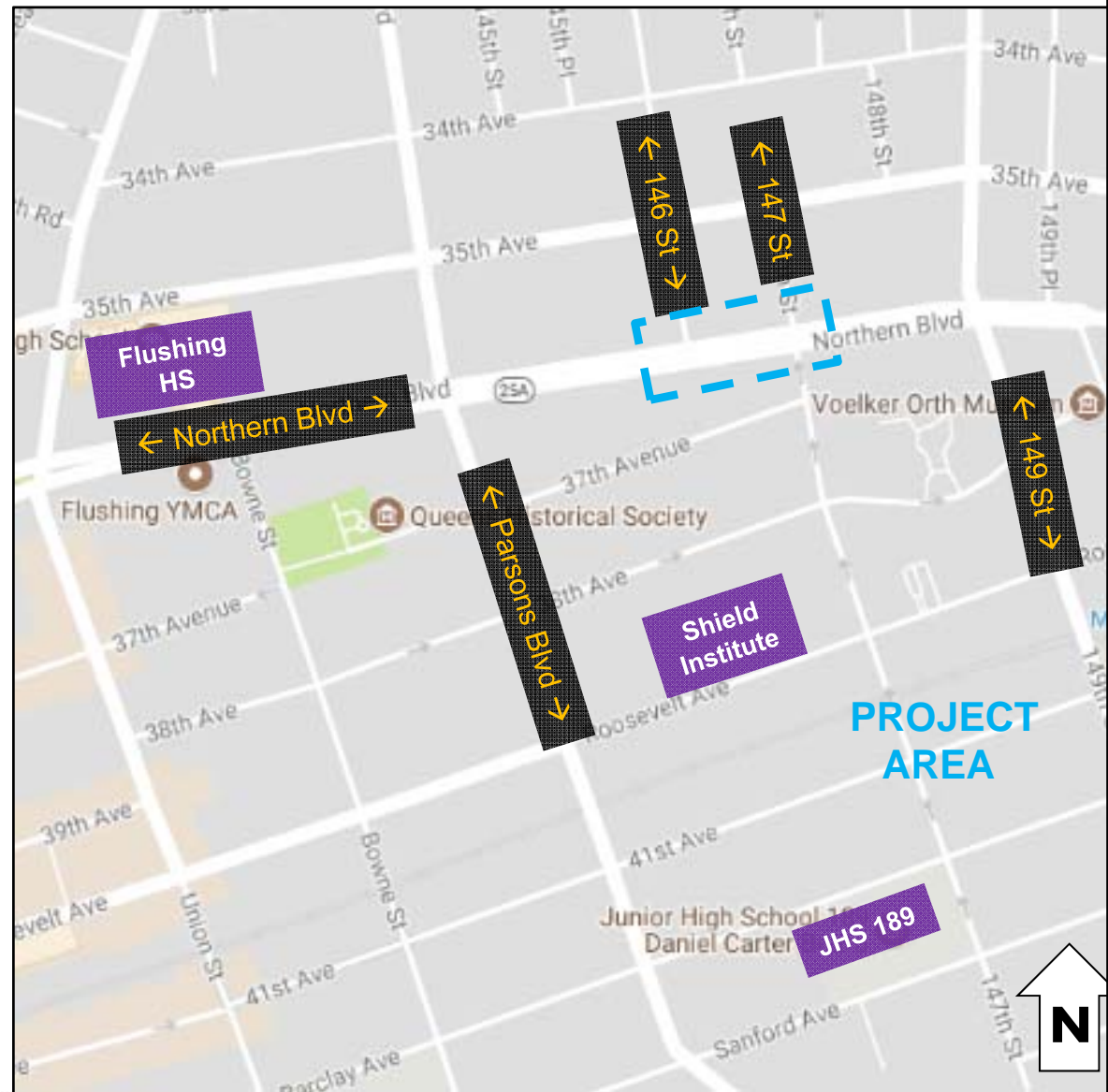
- Northern Blvd is a Vision Zero Priority Corridor
- Northern Blvd and 146 St is a Vision Zero Priority Intersection
- Located in a Priority Area



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

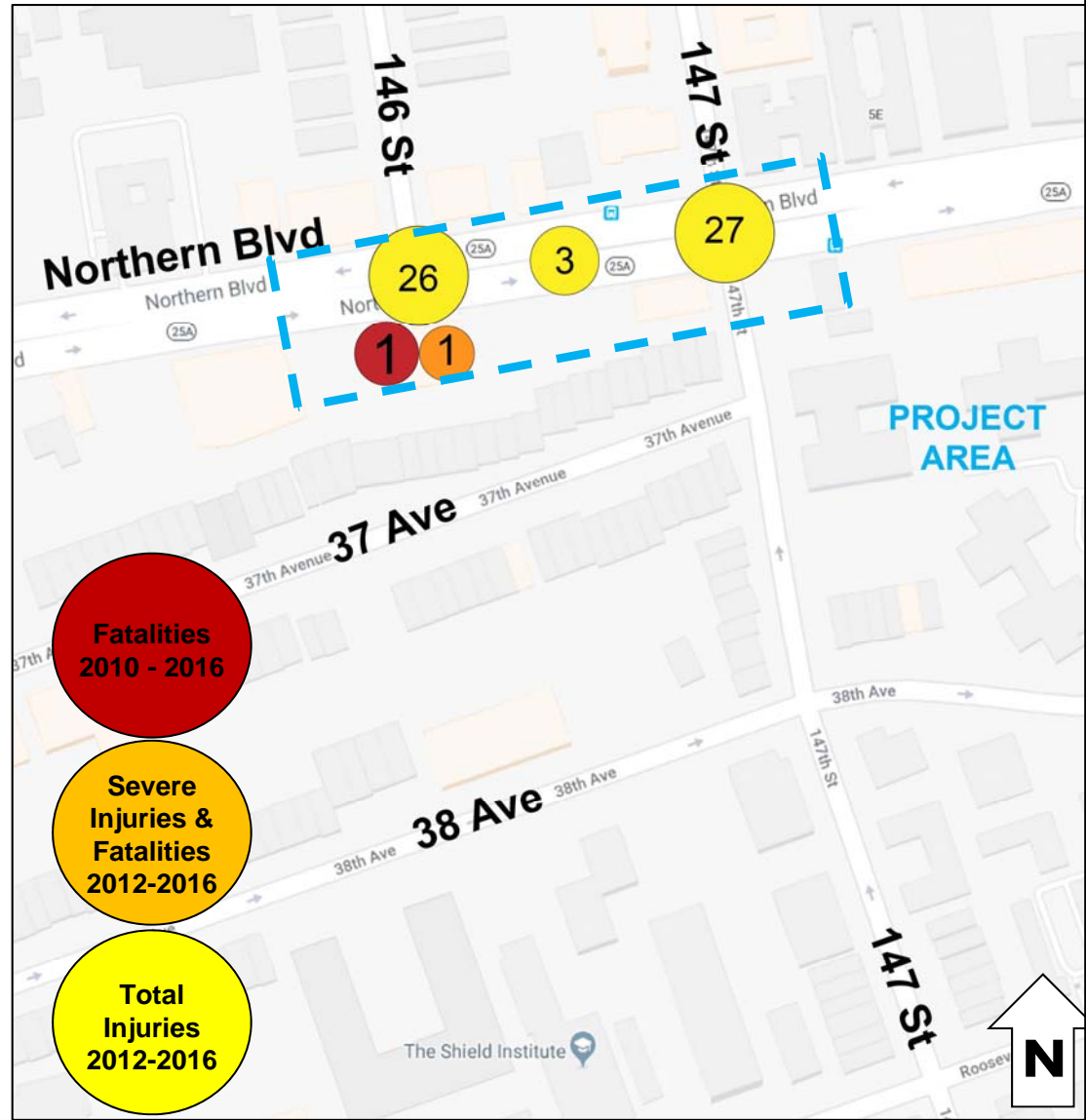
Northern Blvd - 146 St to 147 St, QN

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



EXISTING CONDITIONS & PROPOSALS

2

Existing: Northern Blvd, 146 St – 147 St

Long crossings and wide vehicle turns

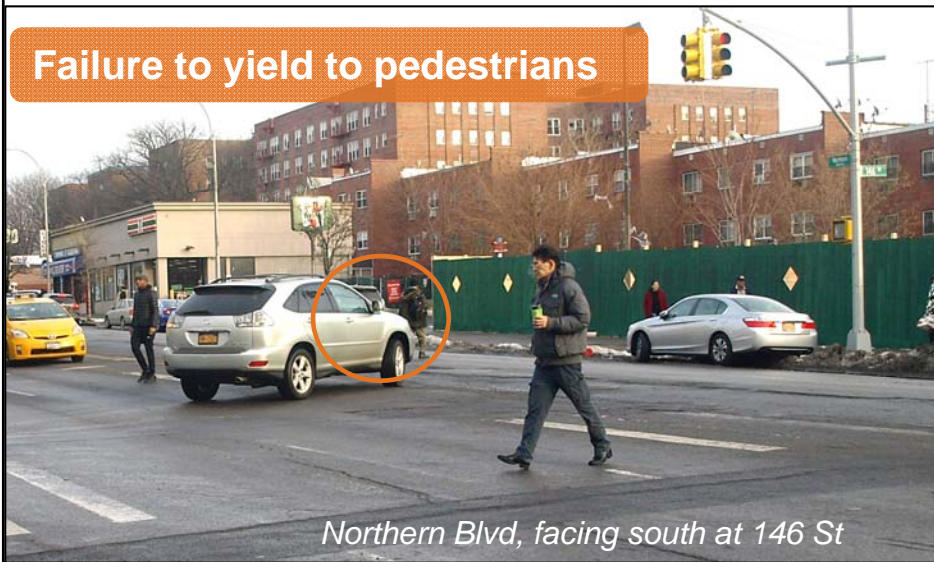
Long crossing distances



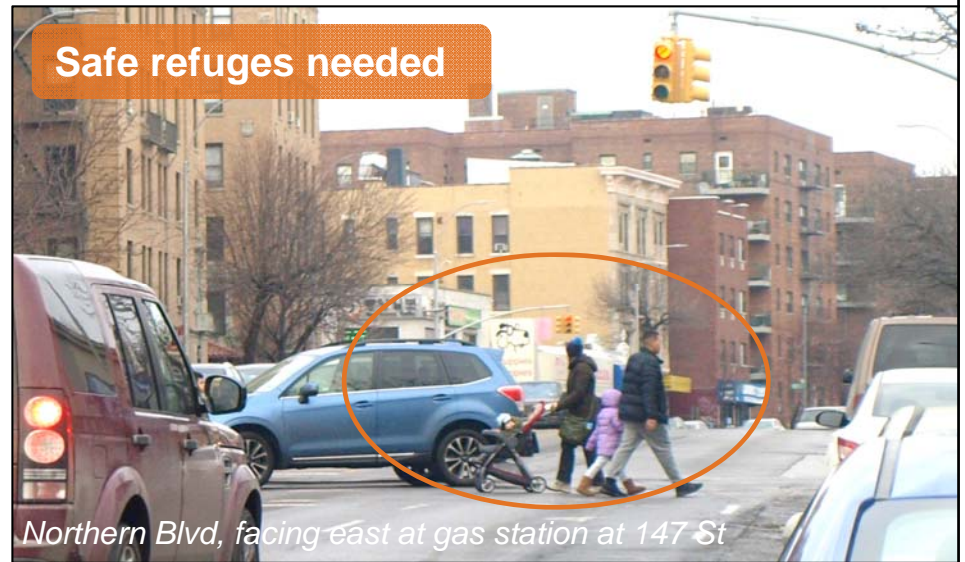
Wide vehicle turns



Failure to yield to pedestrians

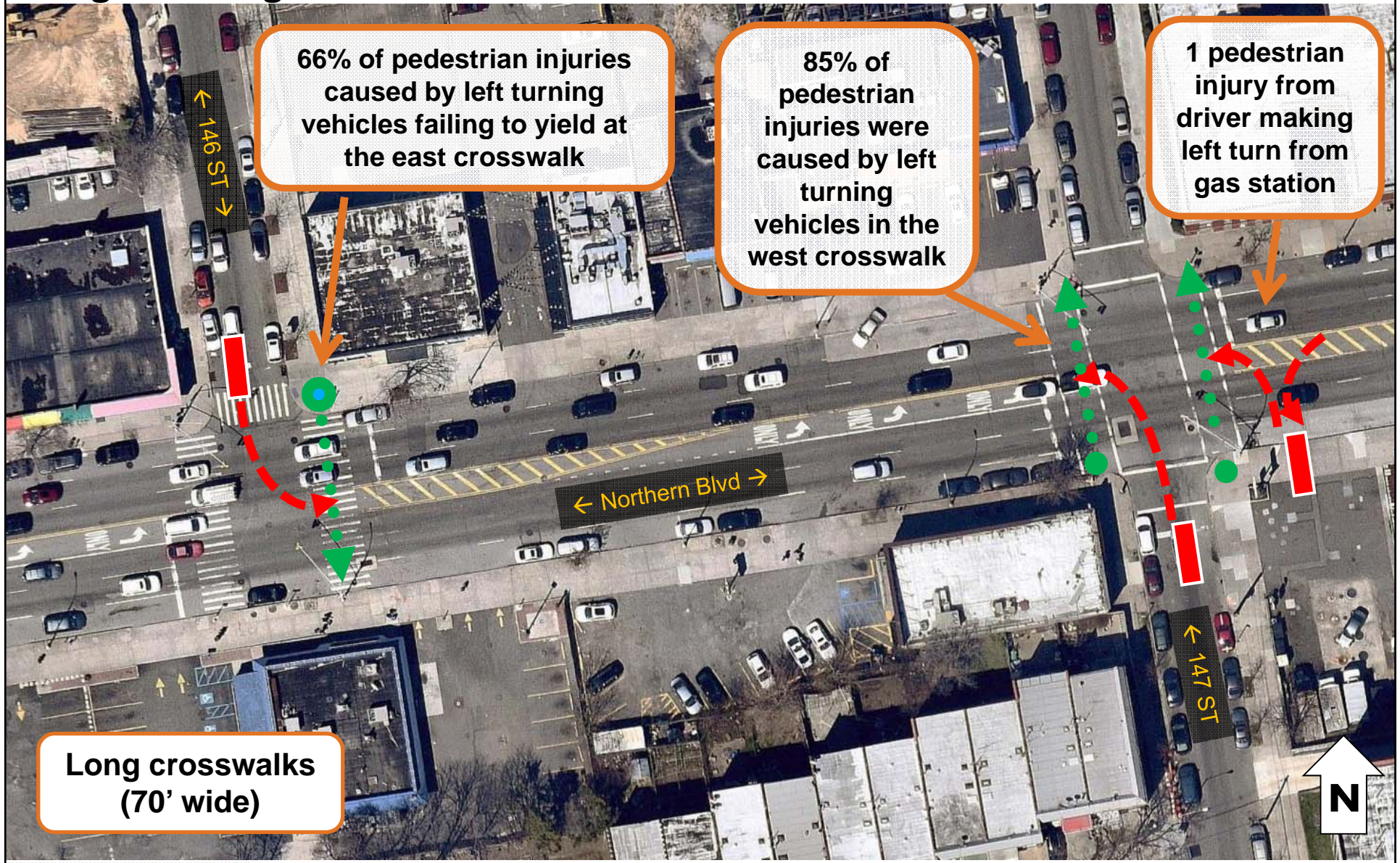


Safe refuges needed



Existing: Northern Blvd, 146 St – 147 St

Long crossings and wide vehicle turns



Proposal: Northern Blvd, 146 St – 147 St

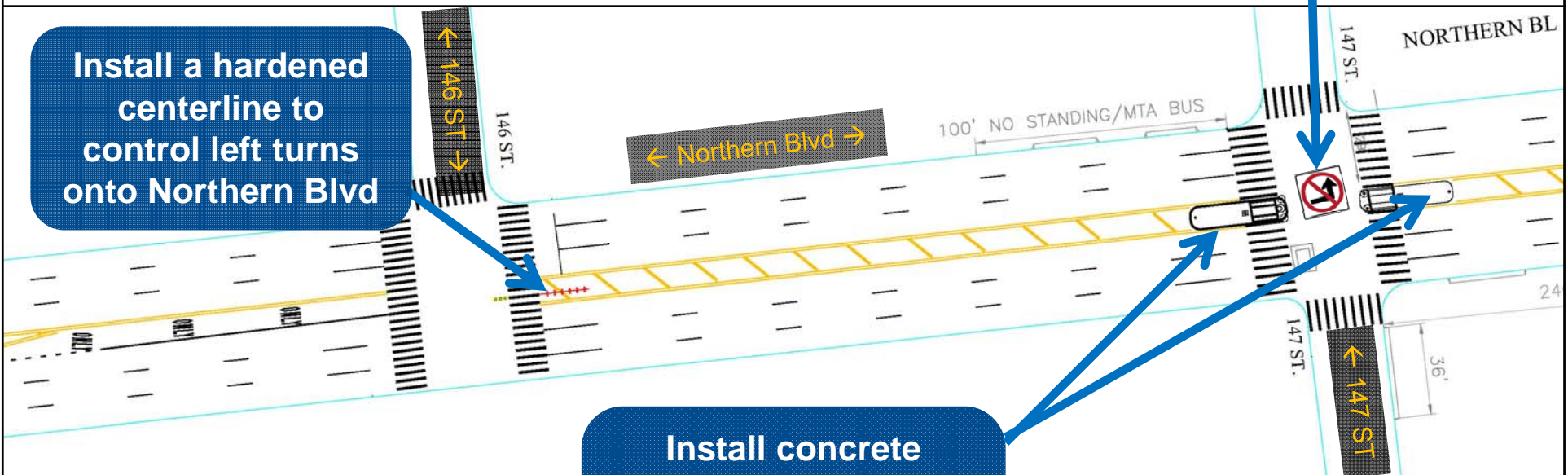
Shorter crossing distances and controlled vehicle turns

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



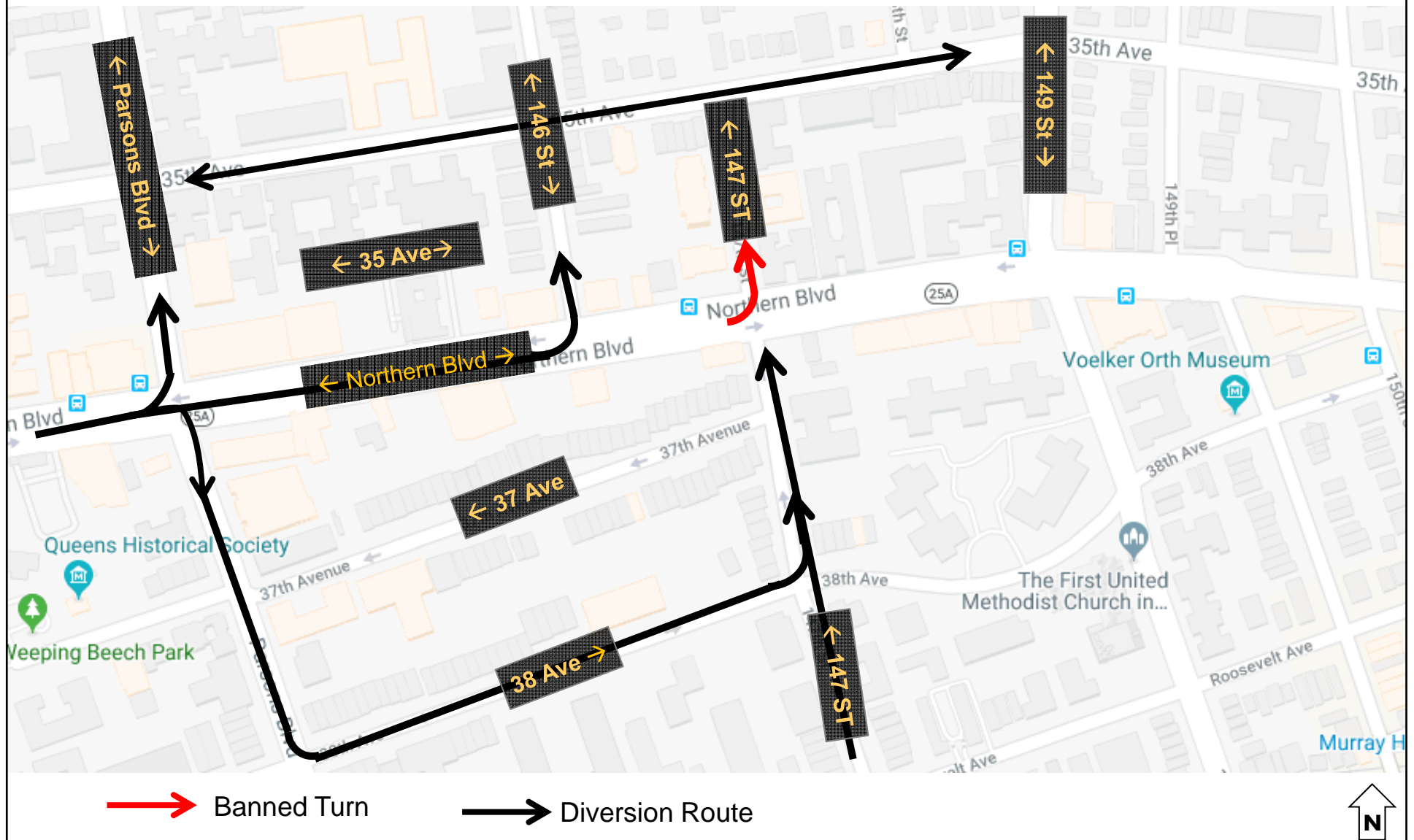
Hardened centerline at White Plains Rd and Archer St, Bronx



Pedestrian Island at Northern Blvd and 103 St, Queens

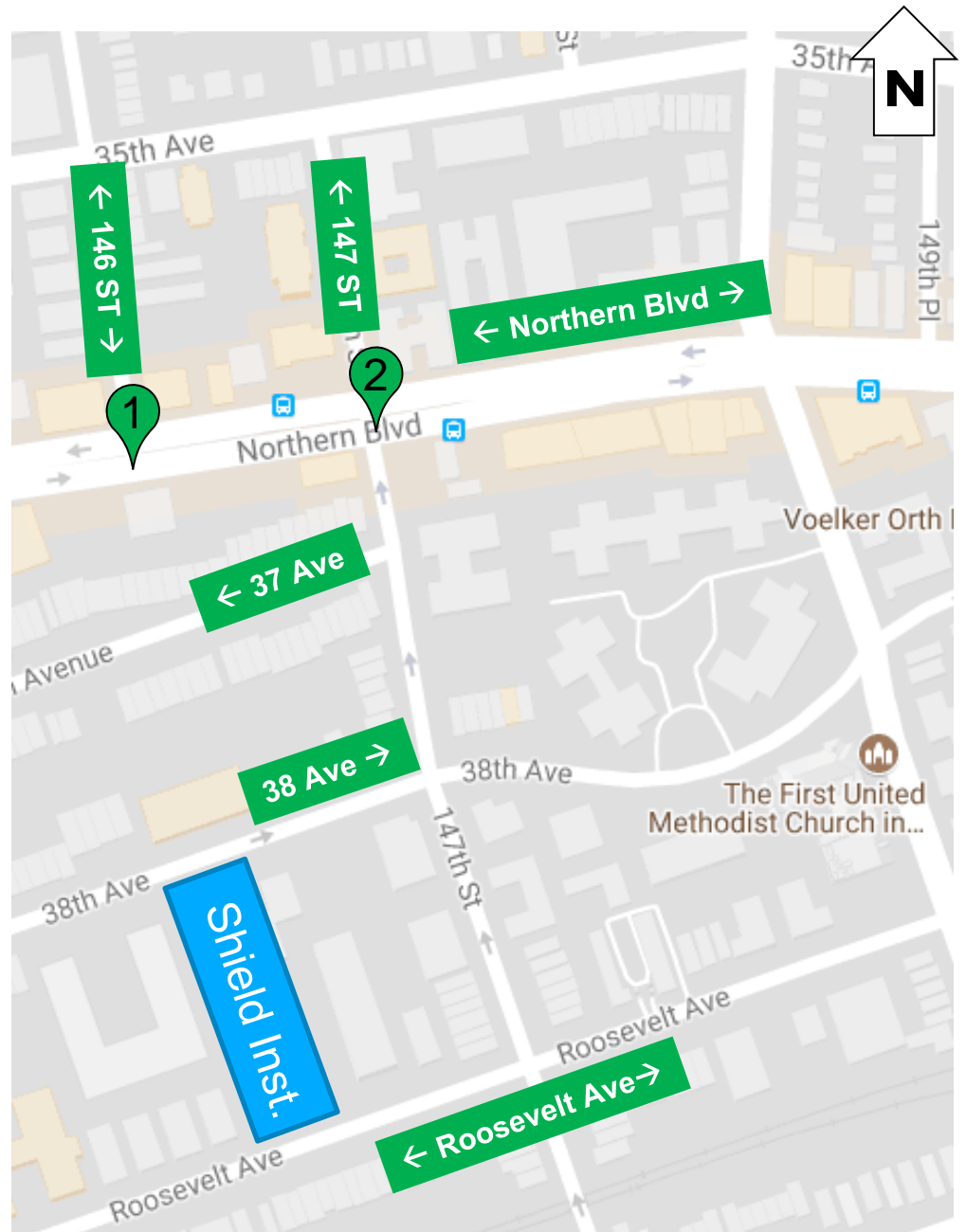
Proposal Detail: Northern Blvd and 147 St

Left turn ban



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



NYC DOT



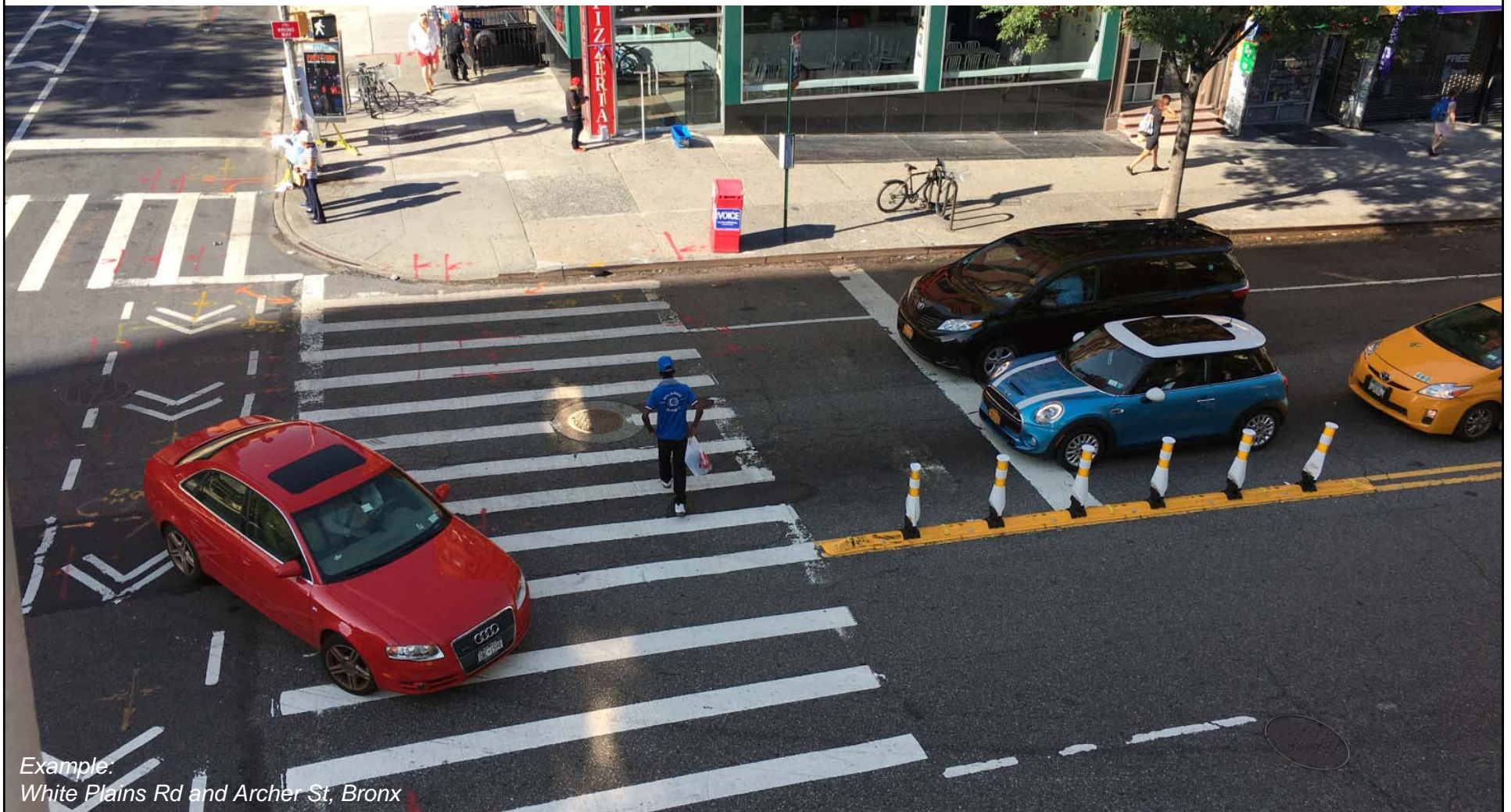
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NYC DOT

PROPOSED TREATMENT

HARDENED CENTERLINE



Example:
White Plains Rd and Archer St, Bronx

PROPOSED TREATMENT

CONCRETE PEDESTRIAN REFUGE ISLANDS



Example:
Coney Island Ave and Ave O, Brooklyn

VEHICLE VOLUMES

Northern Blvd, 146 St – 147 St

Weekday Peak Hours

