



NORTHERN BOULEVARD ASTORIA/WOODSIDE SAFETY IMPROVEMENT WORKSHOP



Northern Blvd

MANHATTAN

COMMUNITY BOARD 1

COMMUNITY BOARD 3

NORTHERN BOULEVARD

114TH St

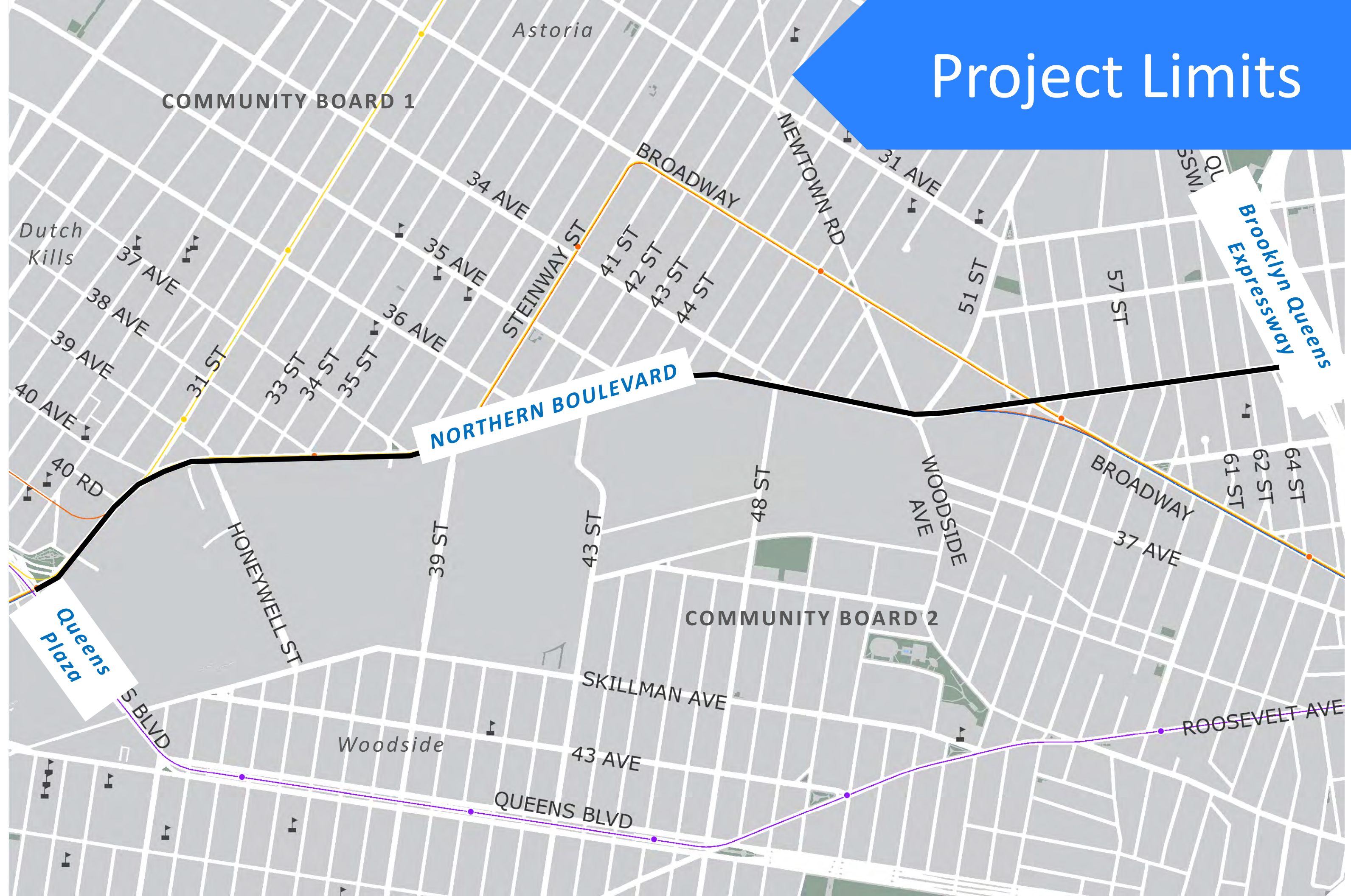
Queens Plz

COMMUNITY BOARD 2

COMMUNITY BOARD 4

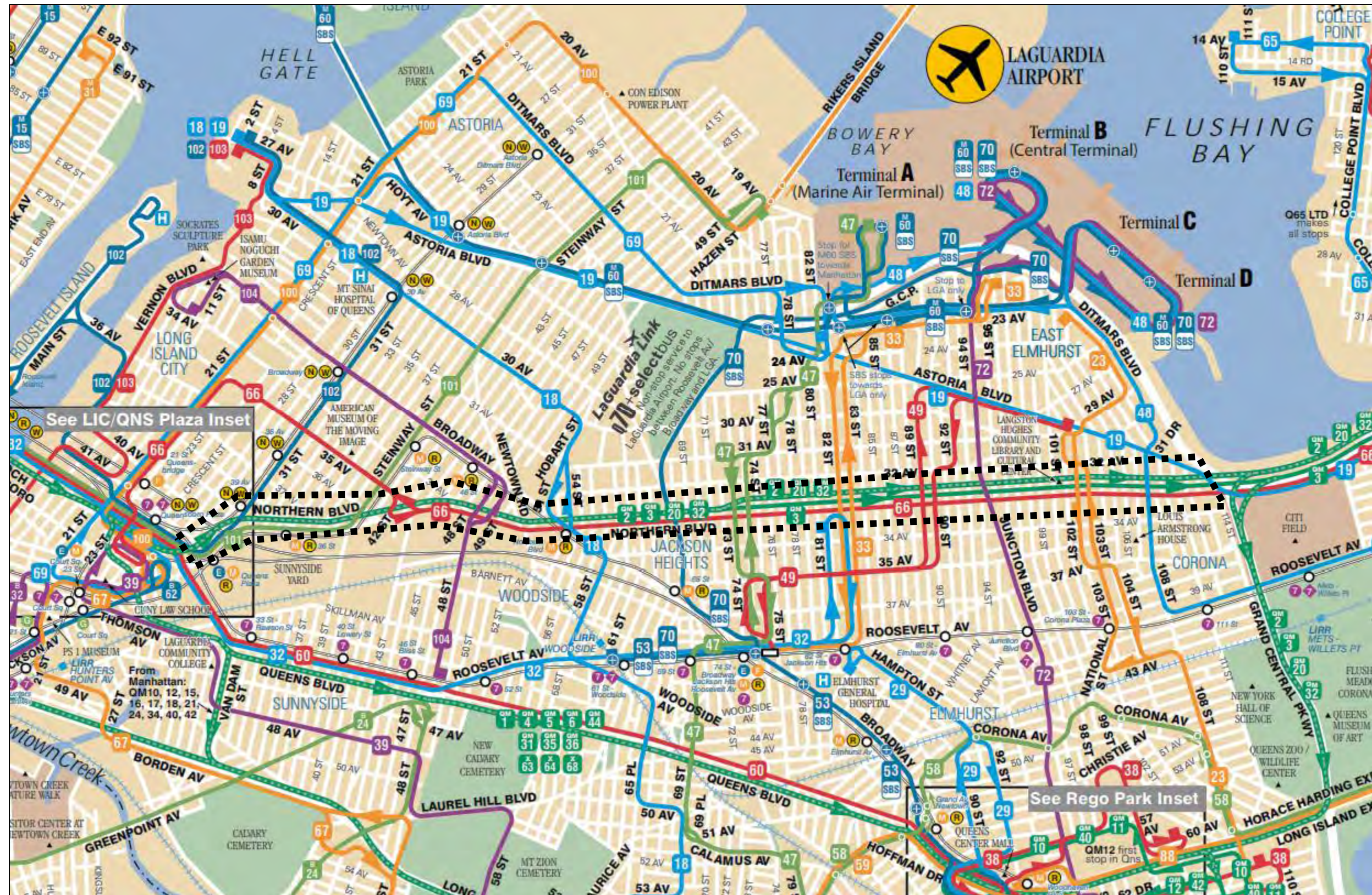
QUEENS

Project Limits




Queens Bus Map


Buses on Northern Blvd:
QM2, QM3, QM 20, QM 32,
Q101, Q102, Q66




Queens Bike Map




Protected Bicycle Lane with Access Point
Camino protegido para bicicletas con punto de acceso
有出入口自行车专用道



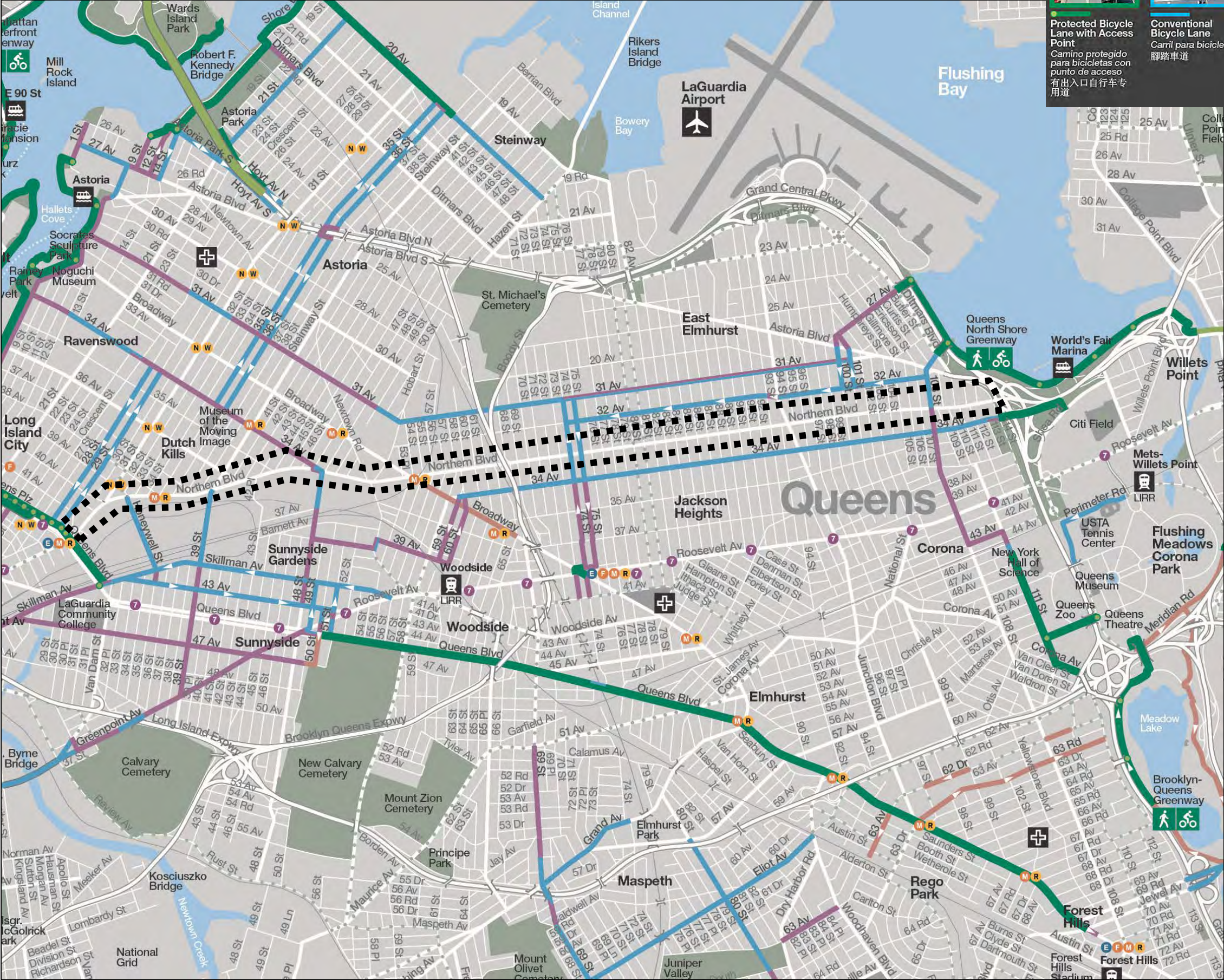
Conventional Bicycle Lane
Carril para bicicletas
腳踏車道



Shared Lane
Carril compartido
共用車道



Signed Route
Rutas señalizadas
未划分路段



Queens Truck Map

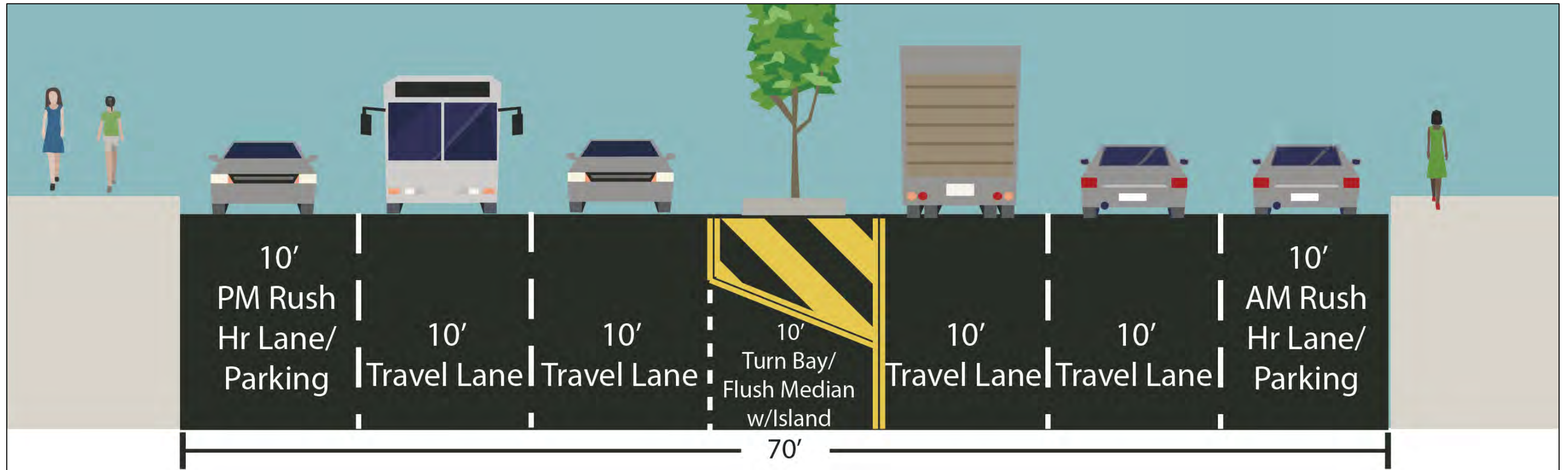


Previous Safety Improvements on Northern Blvd

- Between 2014 and 2018, NYC DOT completed the following safety improvements on Northern Blvd in Community Board 1 and Community Board 2:
 - Constructed 7 **pedestrian safety islands** at 33rd St, 34th St, 39th Ave, 48th St, 61st St, and 62nd St (2014 – 2017)
 - Constructed **curb extensions** at 48th St and 34th Ave (2017)
 - Banned 2 **left turns** at 39th Ave and 61st St (2014 and 2016)
 - Installed 10 second **Leading Pedestrian Intervals (LPI)** at all feasible intersections (typical LPI is 7 seconds) (2018)
 - Installed **high-visibility crosswalks** and **refurbished markings** between Queens Plaza and 68th St (2014 – 2018)



Existing Conditions



Long crossing distances, wide roadway



Rush hour parking regulations



Multimodal corridor, diverse users

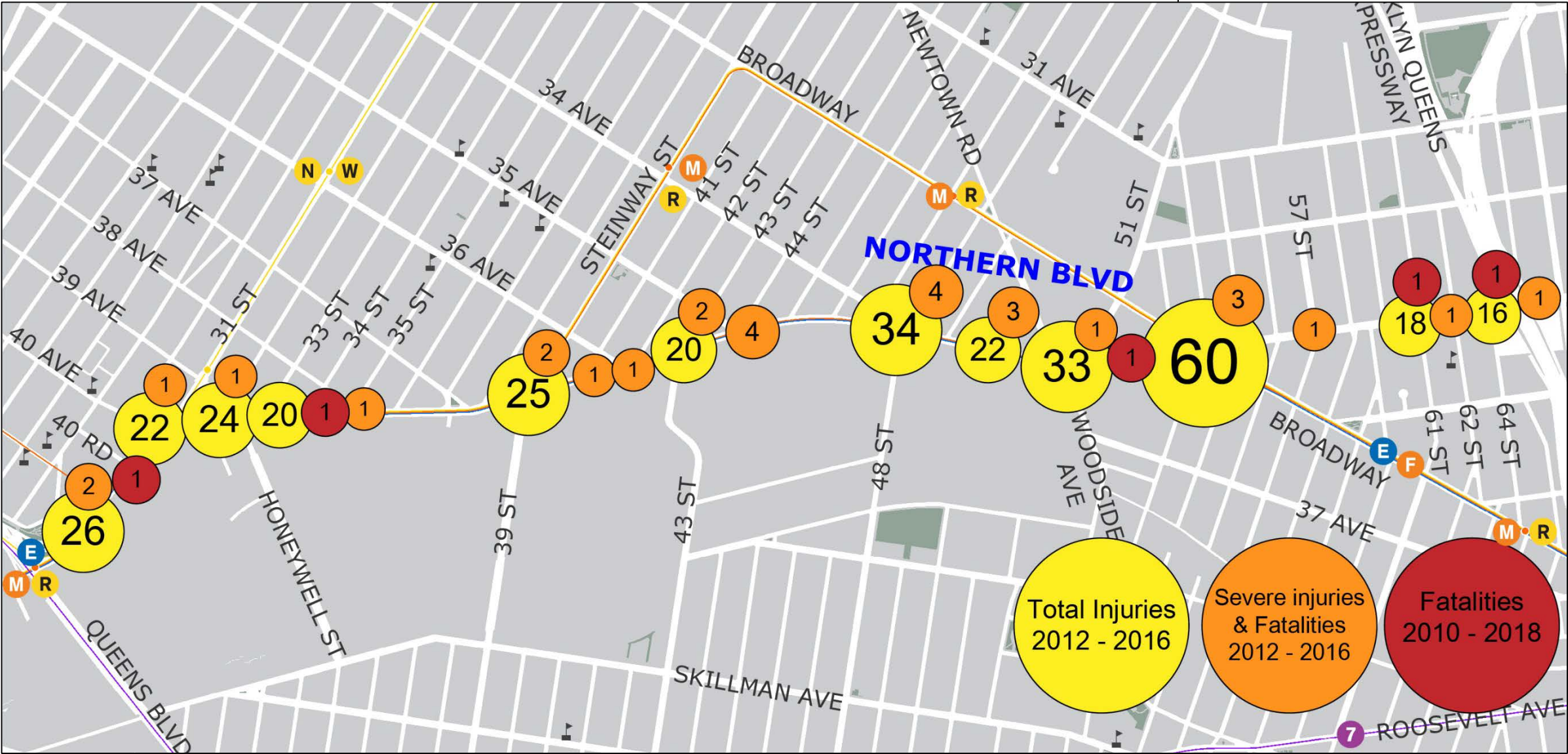
Safety Data: Northern Boulevard (Queens Plaza to 68 St)

- ❑ Vision Zero Priority Corridor & Area
- ❑ 35 people killed or severely injured (2012 – 2016) and 5 pedestrian fatalities (2012 – present) along 2 mile corridor
- ❑ Highest cause of vehicle occupant injuries result from rear end crashes (33.6%) and sideswipe crashes (21.6%)

Injury Summary, 2012-2016 (5 Years)				
	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	77	11	3	14
Bicyclist	45	6	0	6
Motor Vehicle Occupant	399	15	0	15
Total	521	32	3	35

Fatalities, 01/01/2012-9/24/2018 : 5

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



Markings Toolkit

Painted curb extensions



Painted sidewalk space



Dedicated bus lane



Conventional bike lane



Protected bike lane



Wide, high-visibility crosswalks



Traffic Control Toolkit

Leading Pedestrian Intervals



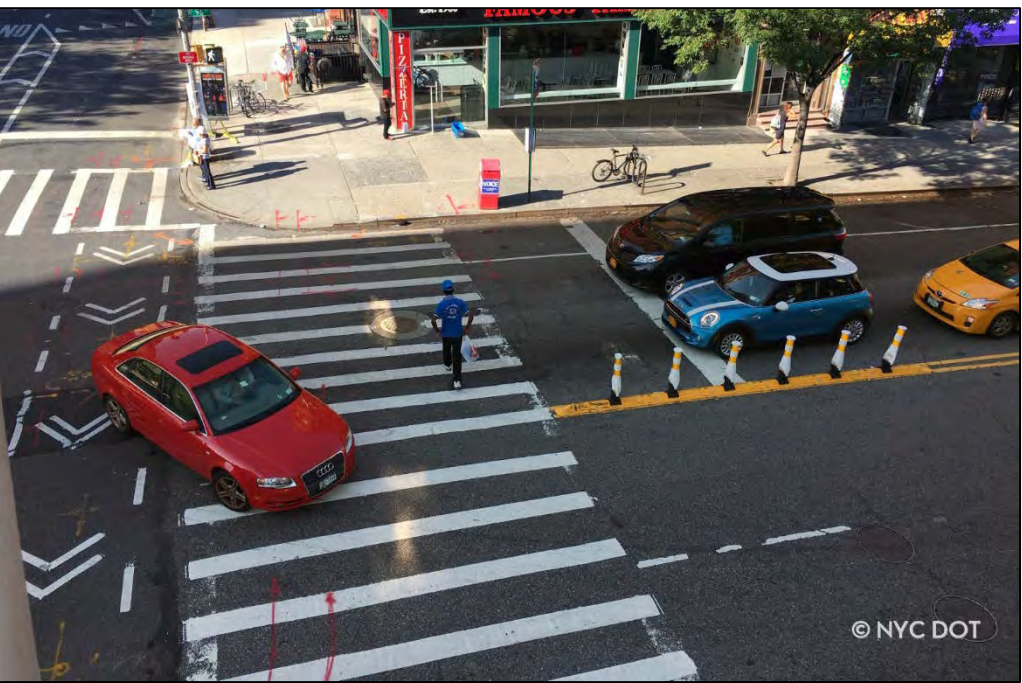
New signals/change signal timing



Truck loading zones



Left turn traffic calming



Turn bans



Curb regulations

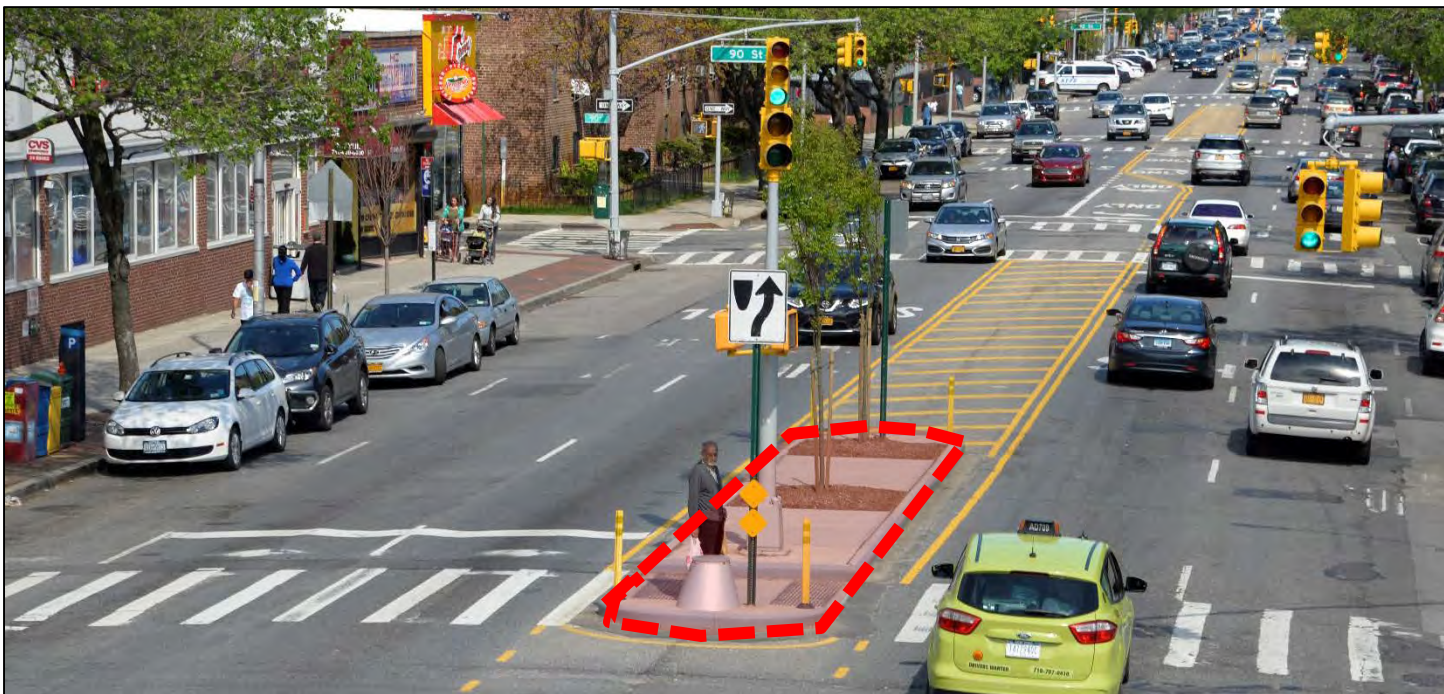


Concrete Toolkit

Curb extensions



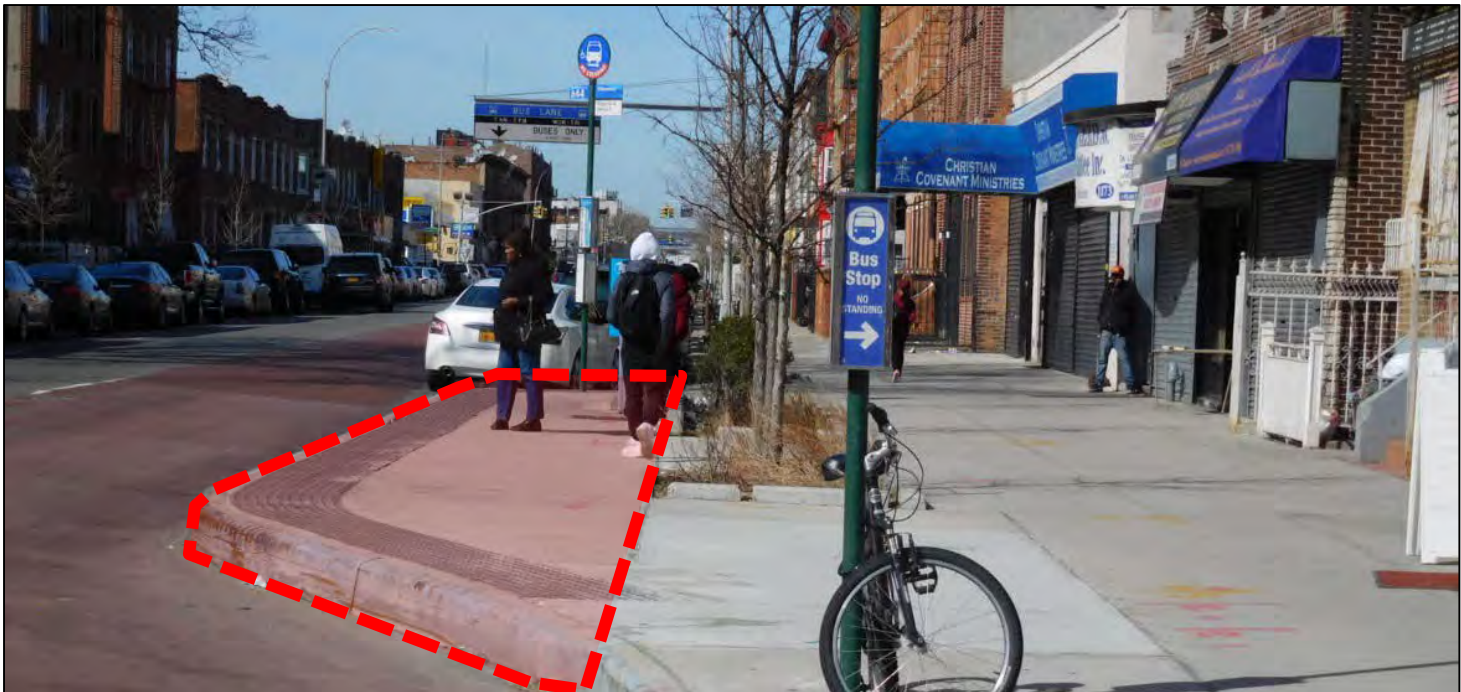
Pedestrian refuge islands



Concrete medians



Bus boarding bulbs



Beautification Toolkit

Public space & plantings



Wayfinding signs



Public art



CityBench



Bike corral with planters

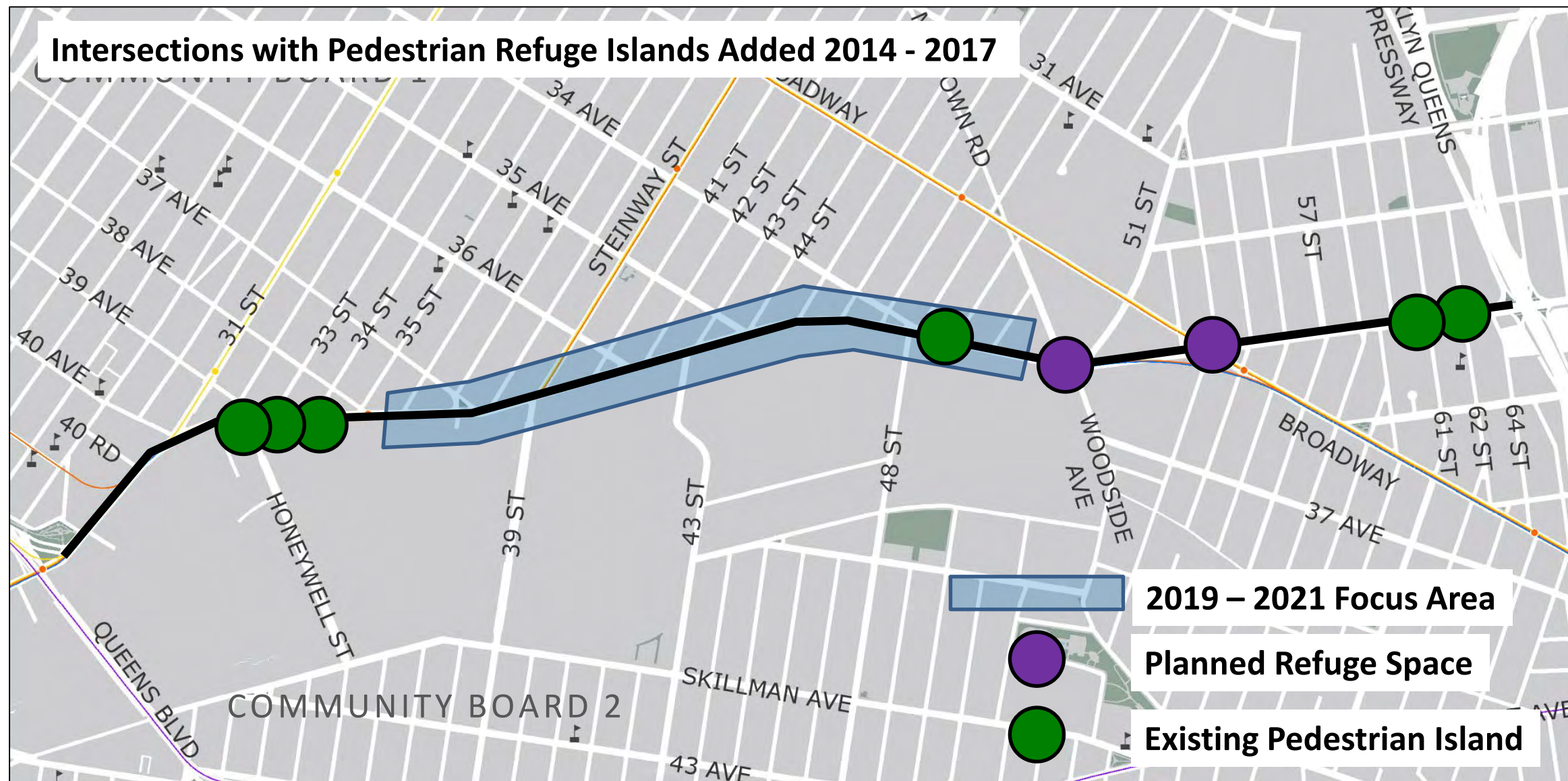


Street seats



Short Term Improvements

- In 2019, NYC DOT plans to install concrete pedestrian refuge space on Northern Blvd at Broadway, Newtown Rd, and Woodside Ave
- By 2021, NYC DOT plans to install an additional 8 pedestrian refuge islands between 36th St and 50th St



Short Term to Long Term Improvements

Before



After Operational Project
(Paint, Temporary Materials, Planters)



After Capital Project
(Concrete, Plantings & Trees, Lighting, Seating)



**Allen and Pike Streets,
Manhattan
2009 - 2012**

Visioning & Feedback

Date:

Table:

What do you want Northern Blvd to look like in the future? What treatments from the toolkit would you like to see implemented? Use the large map to identify specific locations where DOT should focus improvement efforts. As a group, select your top locations and issues to share with the workshop.



Rego Park Queens Blvd Workshop
January 2017

Top Points to Share









