

Queens Boulevard & Yellowstone Boulevard

Safety Improvements in Forest Hills Senior Area

Community Board 6

2014

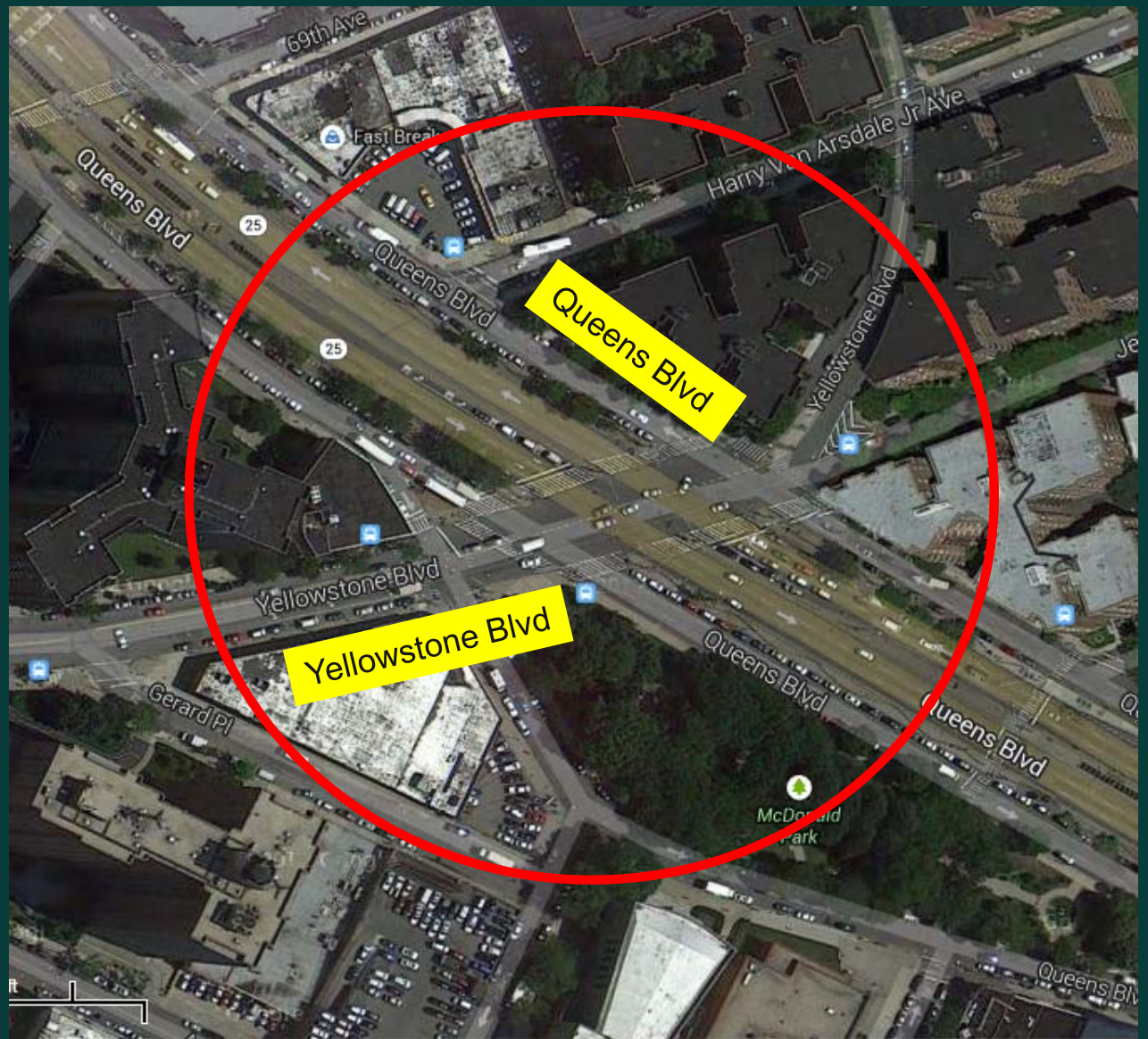


Commissioner Polly Trottenberg
New York City Department of Transportation
Office of Research, Implementation and Safety



Project Background

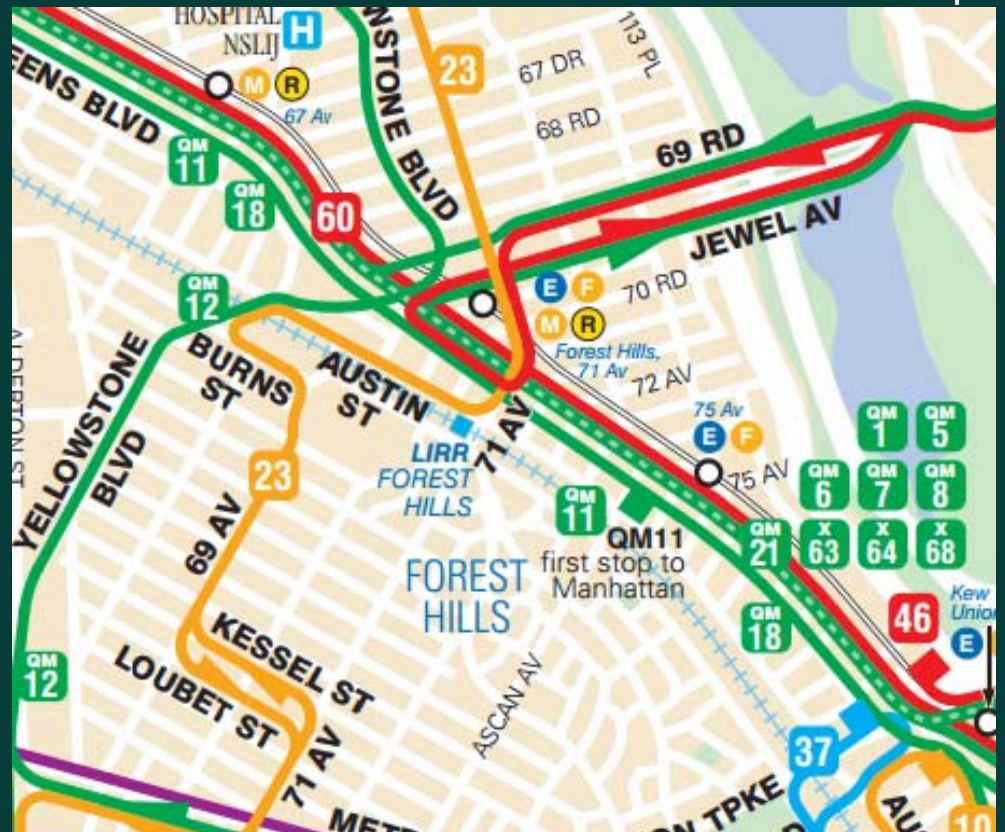
- Skewed intersection
- Multiple community requests for improvements
- JHS 190 Russell Sage nearby
- Within Forest Hills Senior Area - Outreach to Selfhelp Austin Street Senior Center on 9-19-12



Existing Conditions

- Through truck routes on Queens Blvd
- Various Bus routes on Yellowstone Blvd, Jewel Ave, 108th St and Queens Blvd
- Subway stations: Forest Hills E/F/M/R at 71st Ave

Bus Map



Truck Map

Safety Data

Total Injuries
(Motor vehicle
occupant, bicycle
and pedestrian)
2007-2011

**All
Pedestrian
Injuries**
2007-2011

**Senior
Pedestrian
Injuries**
2007-2011

Queens Blvd At Yellowstone Blvd, QN

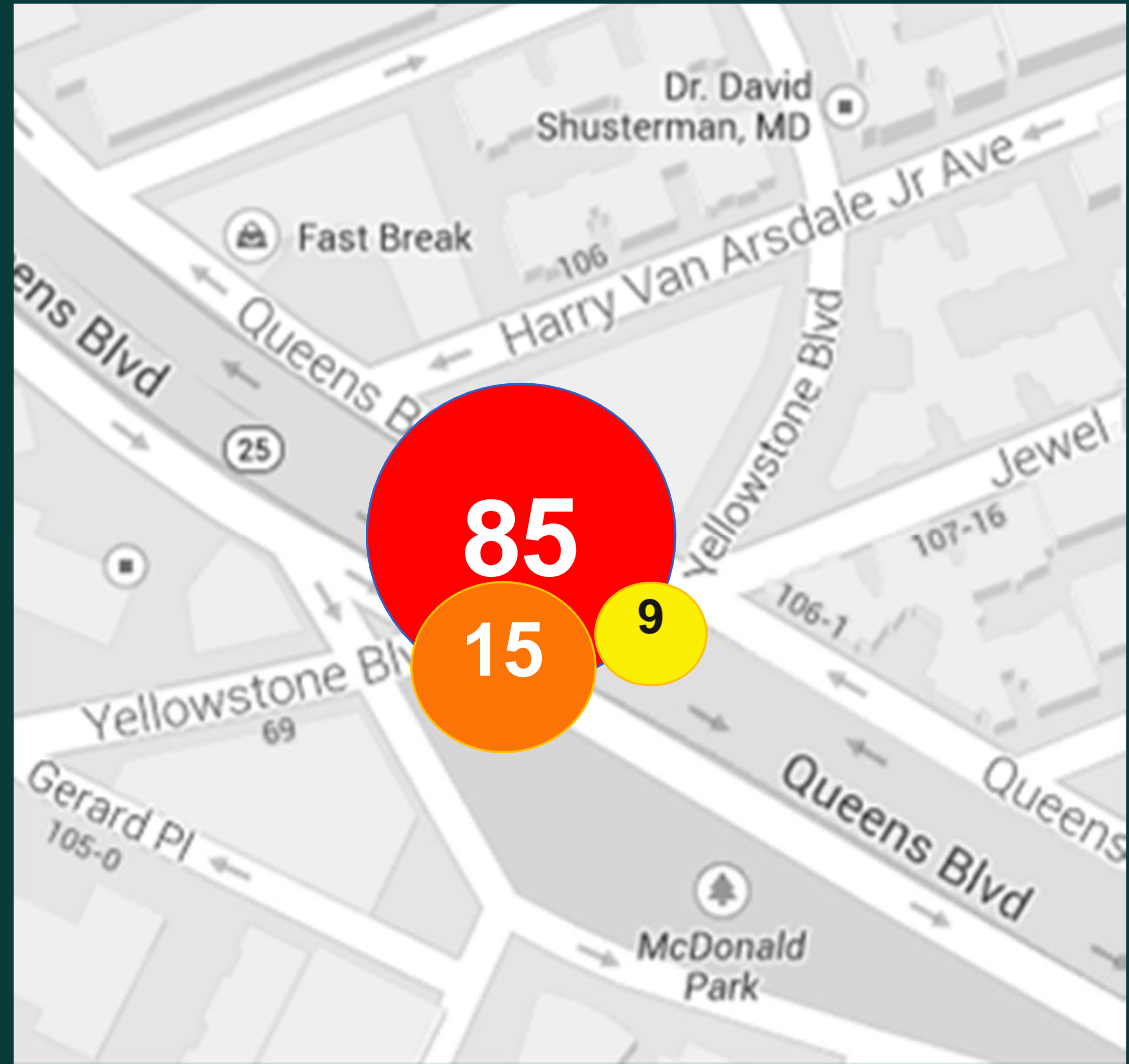
Injury Summary, 2007-2011 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	15	0	0	0
Bicyclist	4	0	0	0
Motor Vehicle Occupant	66	13	0	13
Total	85	13	0	13

Fatalities, 01/01/2007-11/25/2013

1

Pedestrian:	1
Bicyclist:	0
Motor Vehicle Occupant:	0



Pedestrian fatality in 2012

Need: Why Queens Blvd & Yellowstone Blvd?



Queens Blvd & Yellowstone Blvd looking north



Yellowstone Blvd at Jewel Ave, looking north

- Long crossing distances with minimal refuge on skewed intersection
- Heavy pedestrian and vehicle volumes
- Multiple pedestrian/vehicle conflict points
- Disorganized and unsafe traffic movements

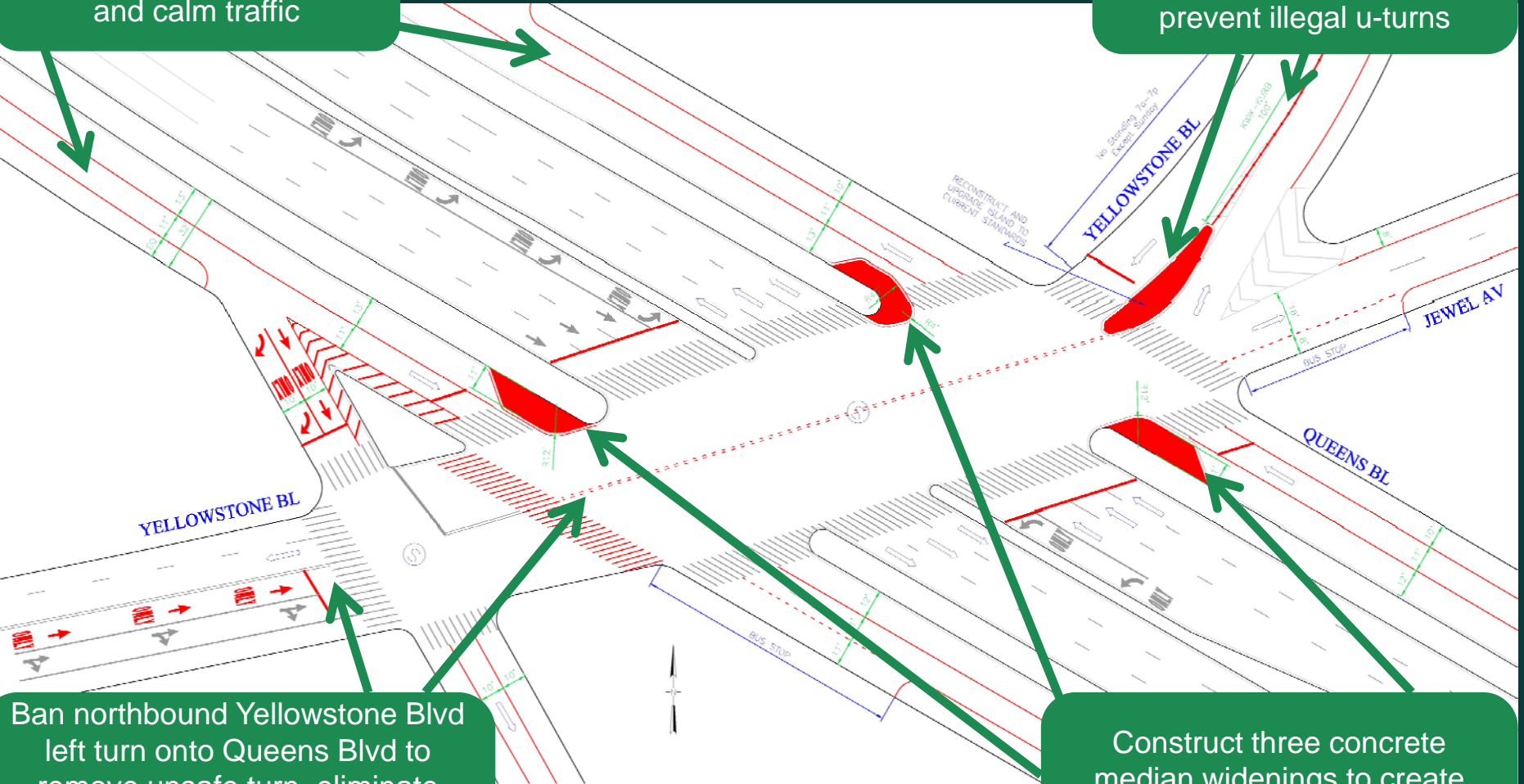


Queens Blvd & Yellowstone Blvd, looking south

Intersection Proposal Details

Install parking lane stripes to narrow moving lanes and calm traffic

Reconstruct and upgrade pedestrian island and install extended kwik kurb to prevent illegal u-turns



Ban northbound Yellowstone Blvd left turn onto Queens Blvd to remove unsafe turn, eliminate pedestrian/vehicle conflicts in west crosswalk, and organize Yellowstone traffic

Construct three concrete median widenings to create more refuge space and safer crossings

Alternate Routes for Turn Ban

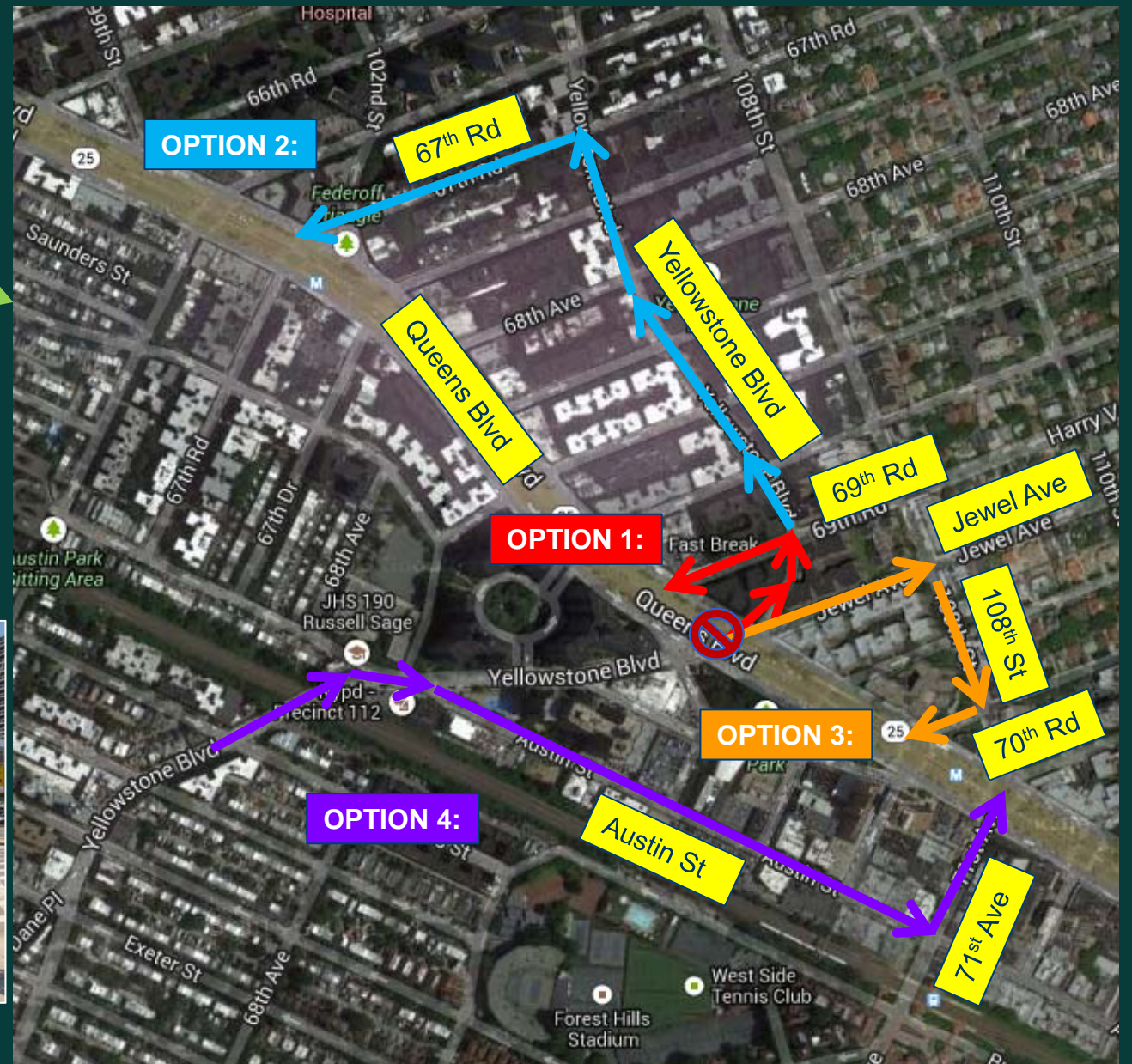
Ban Left Turns
from N/B
Yellowstone Blvd
onto W/B
Queens Blvd

Highest Turn
Volumes:
7:30a-8:30a: 94
4:15p-5:15p: 134

Highest Turn Volumes:

7:30a-8:30a: 94

4:15p-5:15p: 134



Comparative Safety Data for Turn Ban

- 51st Ave has a similar geometry and skew
- Same northbound left turn ban at 51st Ave showed a **67% reduction** in pedestrian injuries and a **58% reduction** in motor vehicle injuries



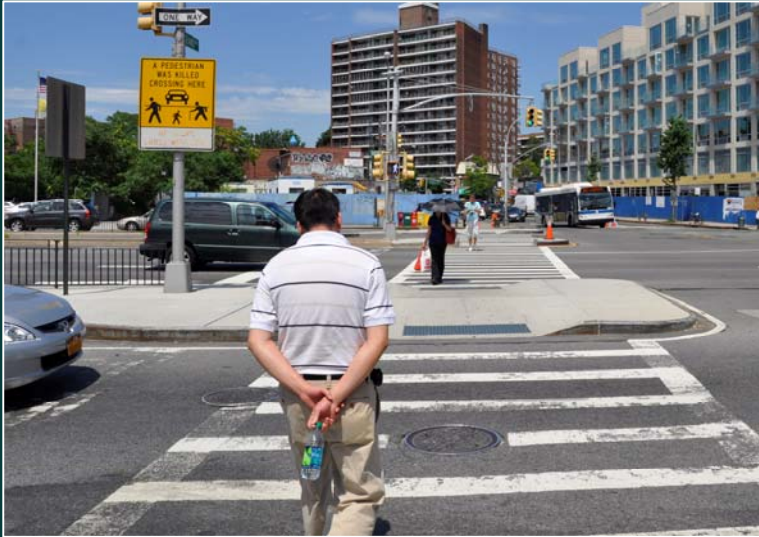
108th St Proposal Details

Install parking lane stripe between 62nd Rd and 63rd Dr and from 65th Ave to 71st Ave to narrow lanes and calm traffic



Benefits of Proposal

- Widening the medians reduces crossing distances and offers safer refuge for pedestrians
- Banning the turn eliminates conflict in west crosswalk, unsafe turns in gaps and optimizes and organizes traffic flow
- Installing kwik kurb on Yellowstone prevents illegal u-turns
- Installing parking lane stripes reduces speeding and calms traffic



Queens Blvd & Broadway, 2010 Median Widening Project



Queens Blvd & 69th St, 2011 Median Widening Project



Queens Blvd & 71st Ave, 2012 Median Widening Project

Questions?

Thank
You

Contact:

Queens Borough Commissioner's Office at gbc@dot.nyc.gov or 212-839-2510