

Grand Avenue, Borden Ave to 74th St

Traffic Calming with Bicycle Lanes

2016



Project Area



Background



- Council Member Crowley request for safety improvements along corridor
- Community requests for pedestrian safety enhancements near PS 58
- Crash in 2013 at 69th Place resulted in DOT installing delineators and left turn ban
- Grand Avenue is a Vision Zero Priority Corridor
- 71st St and Grand Avenue is a Vision Zero Priority Intersection

Grand Ave - Borden Ave to 74th St, QN

Injury Summary, 2010-2014 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	51	8	1	9
Bicyclist	5	1	0	1
Motor Vehicle Occupant	63	3	0	3
Total	119	12	1	13

Fatalities, 01/01/2010-2/15/2016 : 1

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

54th Ave At 69th Pl and 69th Ln, QN

Injury Summary, 2010-2014 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	0	0	0	0
Bicyclist	0	0	0	0
Motor Vehicle Occupant	2	0	0	0
Total	2	0	0	0

Fatalities, 01/01/2010-2/15/2016 : None

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

Mazeau St / 57th Ave

Existing

45 ft



Proposed

24 ft

Extended concrete sidewalk space

One-way conversion

Mazeau St Network - Proposed

Existing



Proposed

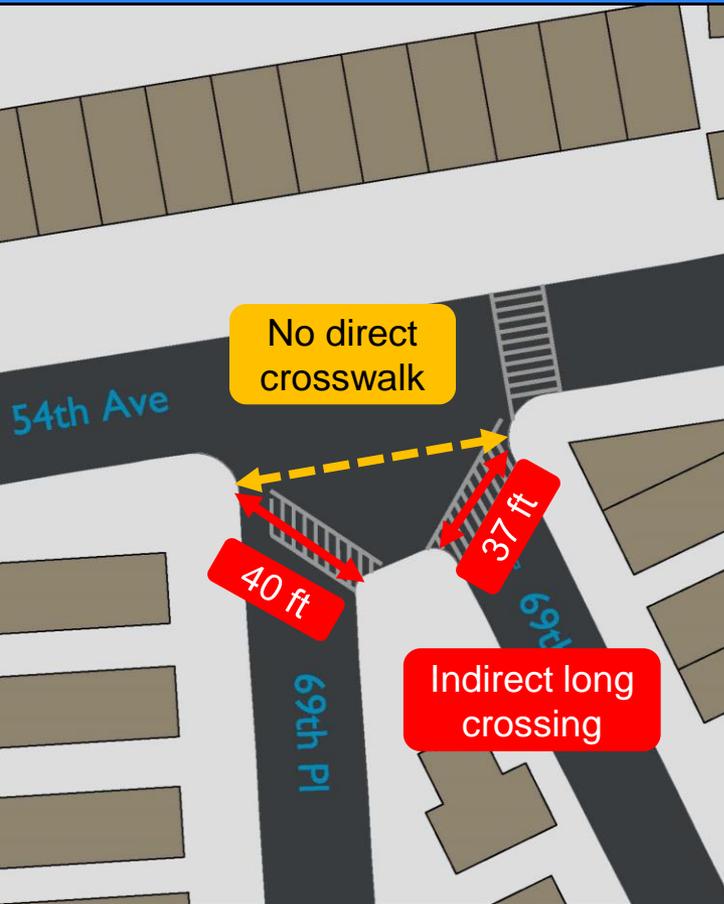


Green – new configuration

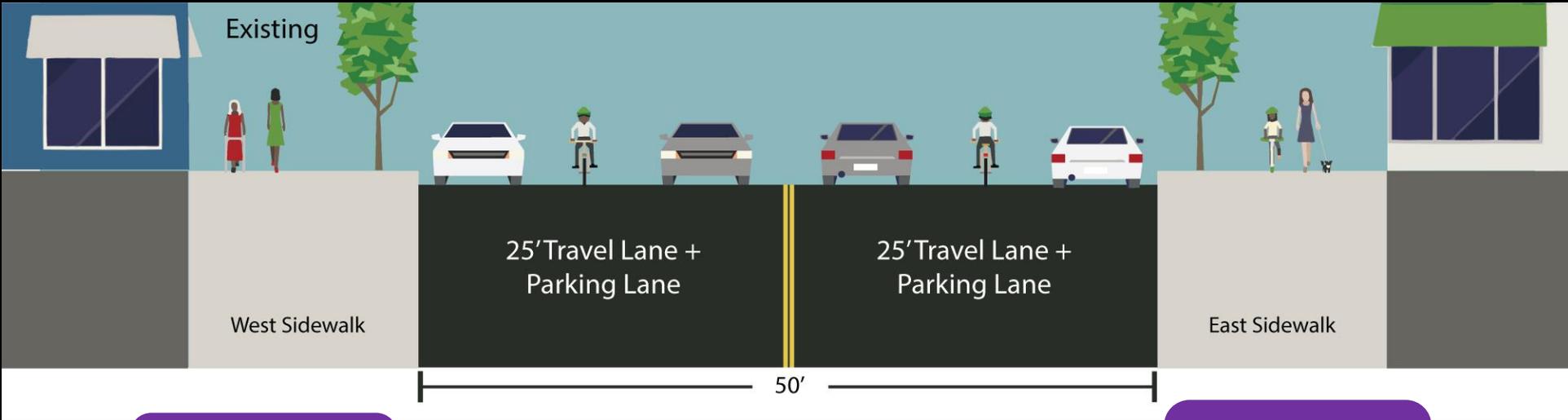
Purple – existing configuration maintained

69th Place / 69th Lane

Proposed



Existing Conditions – Grand Ave

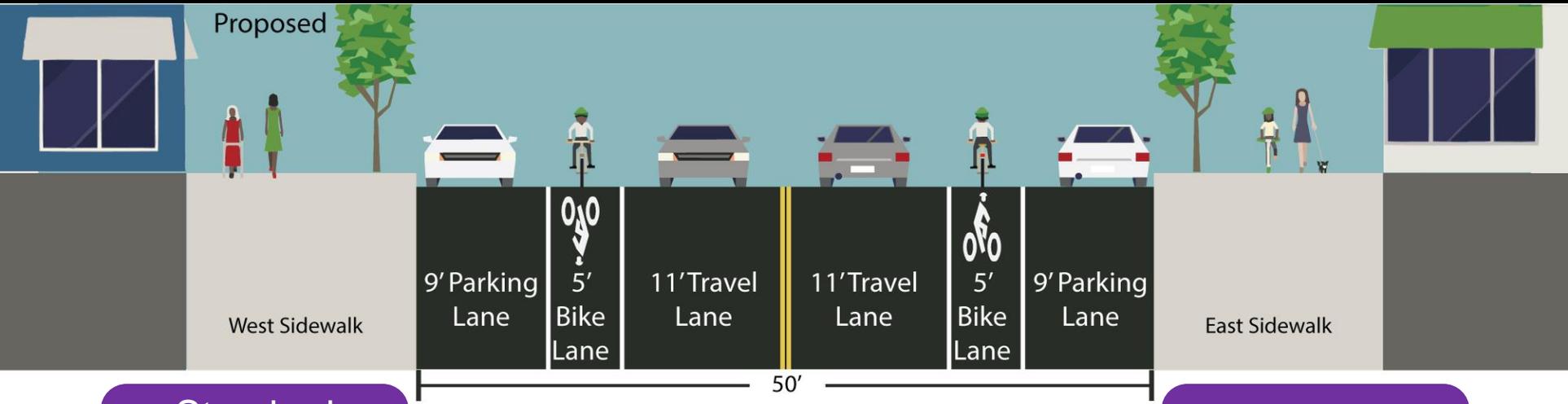


Wide travel lanes

Lack of markings



Proposed Plan - Profile



Standard
Width Travel
Lanes

Dedicated
Bike Lane



East New York Ave, Brooklyn

Benefits

1. Improves connectivity and safety for pedestrians and bicycles
2. Better organizes traffic
3. Provides traffic calming



Summary

1. Corridor: Remark street, adding 4' flush painted median and 5' bicycle lanes.
2. Mazeau St and 57th Ave: build concrete curb extension and designate Mazeau St one-way southbound with associated network changes on 71st St, 57th Rd, and 70th St.
3. 69th Pl and 69th Ln: build concrete curb extension and ban U-Turn movement from 69th Lane to 69th Place.





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Thank
You