



90TH ST AND ROOSEVELT AVE

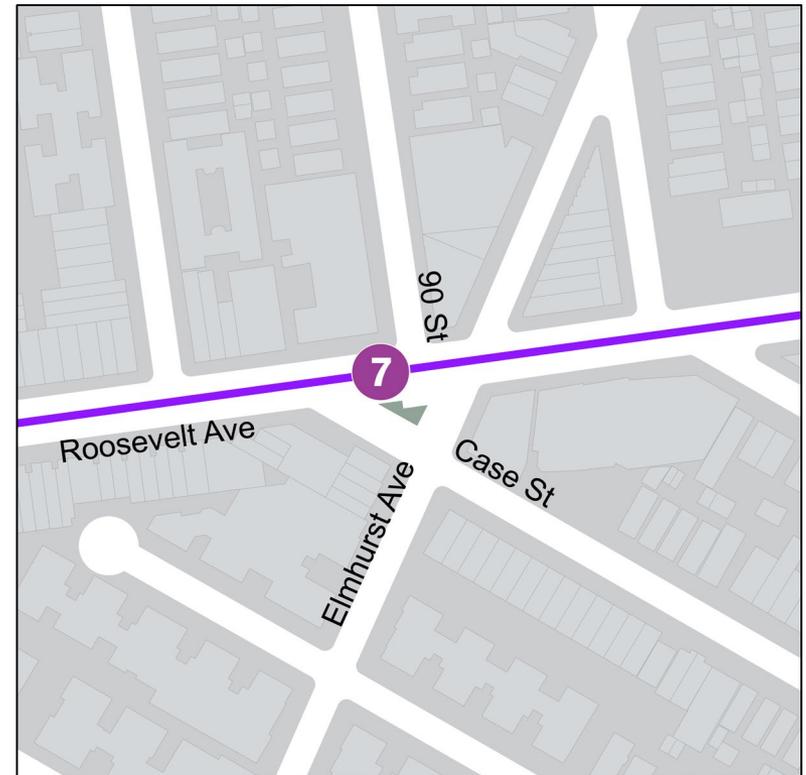
Queens Community Board 3

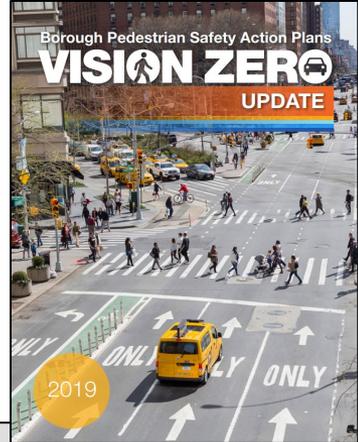
May 6, 2018



PROJECT LOCATION

- Multi-legged intersection of Roosevelt Ave, 90th St, Case St, and Elmhurst Ave
- Located at the 90th St – Elmhurst Ave 7 train station
- Very busy commercial location with many businesses, pedestrians, cyclists, and vehicles
- Border of Queens CB3 and CB4





SAFETY DATA

Vision Zero

- 21 total injuries, 15 of which were pedestrians
- 2 pedestrian fatalities
- Both 90th St and Roosevelt Ave are Vision Zero Priority Corridors within a Vision Zero Priority Area



Roosevelt Ave - Case St to Elmhurst Ave, QN

Injury Summary, 2013-2017 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	15	0	2	2
Bicyclist	5	1	0	1
Motor Vehicle Occupant	1	0	0	0
Total	21	1	2	3

Fatalities, 01/01/2013-4/22/2019 : 2

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

PREVIOUS CHANGES

In Spring 2017, NYC DOT made changes to improve pedestrian safety at the intersection



NYC DOT banned the northbound left turn from Elmhurst Ave to Roosevelt Ave with signage

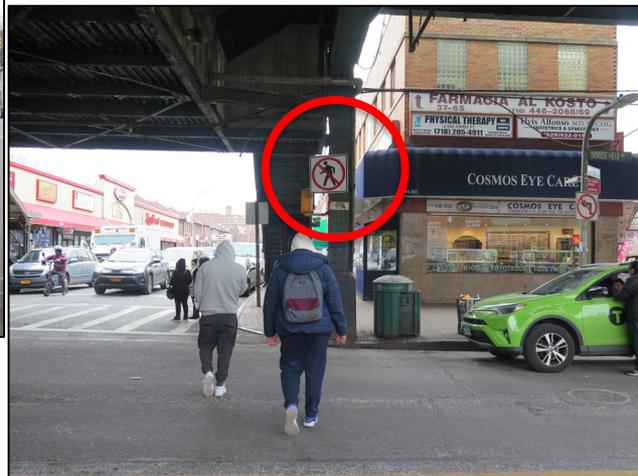


NYC DOT installed a flashing yellow right turn signal from southbound 90th St and added a crosswalk on the west leg of 90th St to cross Roosevelt Ave

EXISTING ISSUES



Vehicles turn quickly onto Case Street from Roosevelt Ave, and there is a missing crosswalk and confusing signal timing

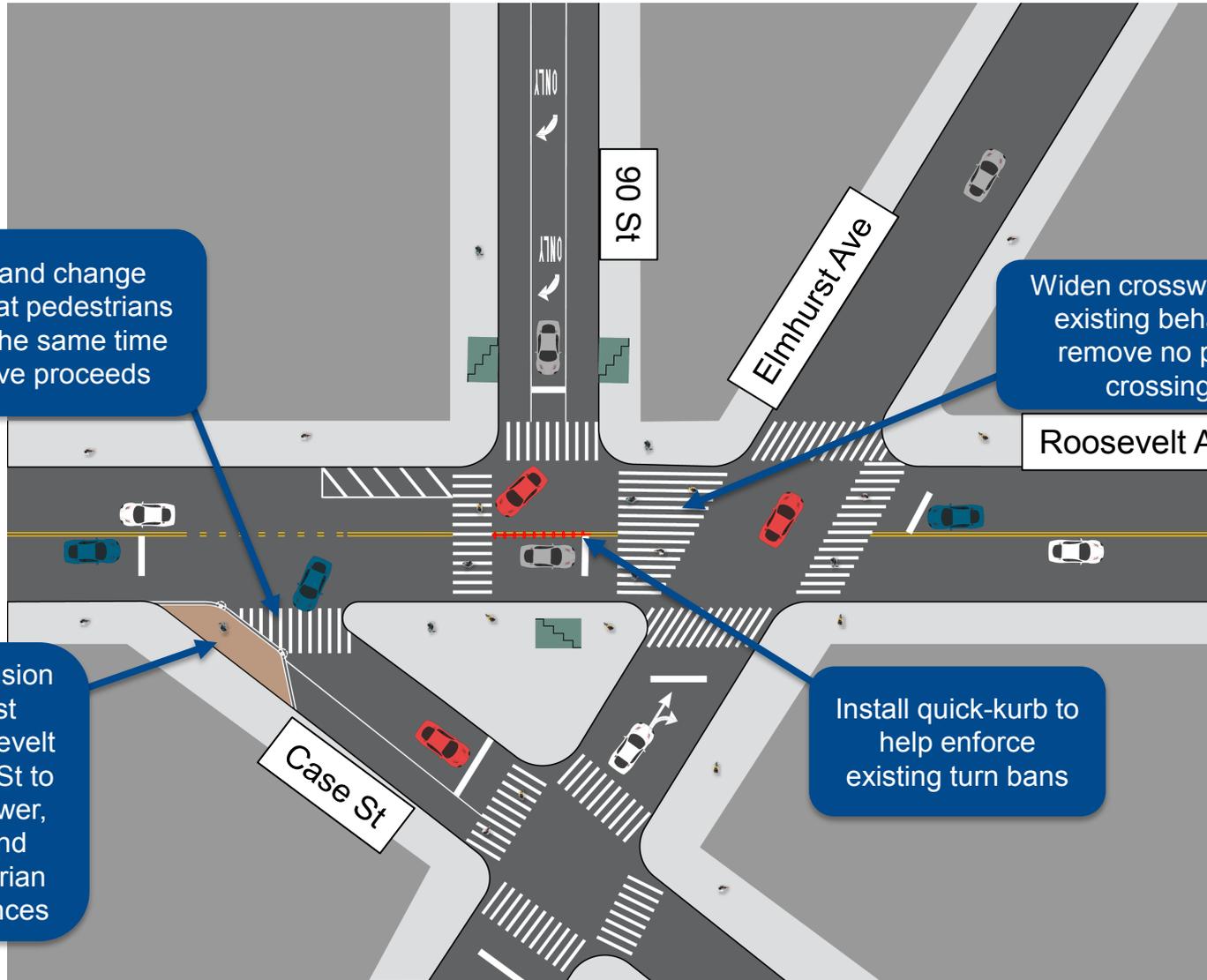


Pedestrians cross Roosevelt Ave on the east side of 90th Street despite signage banning them from the location



Low compliance with existing left turn ban from northbound Elmhurst Avenue onto westbound Roosevelt Ave

PROPOSED CONDITIONS



Mark crosswalk and change signal timing so that pedestrians cross Case St at the same time that Roosevelt Ave proceeds

Widen crosswalk to match existing behaviors and remove no pedestrian crossing signs

Add curb extension on southwest corner of Roosevelt Ave and Case St to encourage slower, safer turns and reduce pedestrian crossing distances

Install quick-kurb to help enforce existing turn bans

BENEFITS OF CHANGES

- Tightens intersection of Roosevelt Ave and Case St, encouraging slower, safer turns onto Case St from Roosevelt Ave
- Shortens pedestrian crossing distance of Case St and retimes signal so that pedestrians cross at a logical time as expected
- Improves the pedestrian network by expanding crosswalks and removing unneeded and confusing signage
- Helps to re-enforce existing restrictions through improved street design



THANK YOU!

Questions?



NYCDOT



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