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

<table>
<thead>
<tr>
<th>Injury Summary, 2013-2017 (5 Years)</th>
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<tbody>
<tr>
<td>Total Injuries</td>
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<td>----------------</td>
</tr>
<tr>
<td>Pedestrian</td>
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<tr>
<td>Bicyclist</td>
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<td>Motor Vehicle Occupant</td>
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<td>Total</td>
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Fatalities, 01/01/2013-4/22/2019: 2
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.

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.

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

Roosevelt Ave
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?