JAMAICA AVENUE
Francis Lewis Blvd to 224th St
Queens CB 13, June 8, 2020
PROJECT LOCATION

- Project limits: Francis Lewis Blvd to 224 St
- Residential and commercial land use
- Truck routes on Jamaica Ave, Springfield Blvd, and Hempstead Ave
- Q1, Q88, Q27, Q27 LTD bus stops, LIRR station
- Previous safety improvements on Jamaica between 168 St and Francis Lewis Blvd in 2018
SAFETY DATA

Vision Zero

• Jamaica Ave is a Vision Zero Priority Corridor

• Jamaica Ave & Springfield Blvd is a Vision Zero Priority Intersection
SAFETY DATA

- High crash corridor with 16.7 persons killed or seriously injured per mile
- Ranked in the top 10% of Queens corridors, 2013-2017

Jamaica Ave - Francis Lewis Blvd to 224 ST, QN
Injury Summary, 2013-2017 (5 Years)

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>58</td>
<td>9</td>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>8</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>337</td>
<td>11</td>
<td>1</td>
<td>12</td>
</tr>
<tr>
<td>Total</td>
<td>403</td>
<td>20</td>
<td>2</td>
<td>22</td>
</tr>
</tbody>
</table>

Fatalities, 01/01/2013-10/21/2019: 2

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

*Mapped total injuries only include intersections with 10 or more injuries
Map does not include total or severe injuries that occurred at midblock locations
Data is based off of NYSDOT/NYSDMV crash and injury data available as of 10/2019
EXISTING CONDITIONS

Francis Lewis Blvd – 224 St

- Jamaica Ave is 70’ wide with two moving lanes, a 4’ concrete median, and parking in each direction

- Wide travel lanes and lack of marked parking lane encourage speeding and unpredictable vehicle movements
EXISTING CONDITIONS

Francis Lewis Blvd – 224 St

Wide travel lanes encourage speeding, unpredictable vehicle movements

Jamaica Ave & 212 St
EXISTING CONDITIONS

Francis Lewis Blvd – 224 St

- Inadequate pedestrian refuge

Jamaica Ave & 212 St
EXISTING CONDITIONS

Jamaica Ave & Springfield Blvd

Overlapping left turns cause conflict between vehicles

22% of driver injuries at this intersection are caused by left turn crashes
EXISTING CONDITIONS

Jamaica Ave & Springfield Blvd

Overlapping left turns cause conflict between vehicles and pedestrians

80% of pedestrian injuries at this intersection are caused by a failure to yield
EXISTING CONDITIONS

Jamaica Ave & Springfield Blvd

Alignment of north median creates confusion for drivers
PROPOSED IMPROVEMENTS

Francis Lewis Blvd – 224 St

- Installing markings to visually clarify parking and moving lanes along the corridor discourages speeding and unpredictable vehicle movements.

- Painted median tip extensions provide pedestrian refuge at 10 intersections: Francis Lewis Blvd, 207 St, 209 St, 211 St, Hollis Court Blvd, 212 St, 212 Pl, 214 Pl, 216 St, and 217 St.
PROPOSED IMPROVEMENTS

Francis Lewis Blvd – 224 St

Mark standard width moving lanes and parking lane to organize roadway

Implement painted median tip extensions to shorten crossing distances and encourage slower safer turns
**PROPOSED IMPROVEMENTS**

Jamaica Ave & Springfield Blvd

- Realign approach to clarify vehicle movements
- Restrict left turn from Jamaica Ave to Springfield Blvd
- Rebuild and expand concrete islands to offer more substantial pedestrian refuge
SUMMARY

- Expanded median tips shorten crossing distances and provide refuge for pedestrians
- Expanded median tips encourage slower, safer turns by vehicles
- Standard width moving lanes and marked parking lane discourage speeding
- Restricting left turn at Springfield Blvd simplifies turning movements and minimizes conflict for pedestrians
THANK YOU!

Questions?