PROJECT BACKGROUND

• Myrtle Avenue and Broadway has a history of safety requests from public and from Community Board 3

• Located at the Myrtle Ave J/M/Z subway station, 3 bus stops at the intersection

• 58 Total injuries at the intersection

• 6 severe injuries and a 2011 pedestrian fatality

• Both Broadway and Myrtle Ave are Vision Zero Priority Corridors

• Myrtle Ave and Broadway are both local truck routes

<table>
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<tr>
<th></th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
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<tr>
<td>Pedestrian</td>
<td>19</td>
<td>1</td>
<td>0</td>
<td>1</td>
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<tr>
<td>Bicyclist</td>
<td>6</td>
<td>2</td>
<td>0</td>
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<tr>
<td>Motor Vehicle Occupant</td>
<td>33</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>58</td>
<td>6</td>
<td>0</td>
<td>6</td>
</tr>
</tbody>
</table>

Fatalities, 01/01/2012-4/9/2018: None
EXISTING CONDITIONS

- Column located in the middle of westbound travel lane
  - Vehicles turn and drive around both sides of subway column
- Atypical angle of the intersection makes movements difficult and unpredictable
- Columns and overhead subway reduce visibility and increase conflicts between pedestrians and drivers at a crowded intersection
EXISTING CONDITIONS

Column in roadway creates unpredictable vehicle movements
**PROPOSED CONDITIONS**

- **Ban southbound right turn**
- **Close slip lane between column and sidewalk and protect with granite blocks**
- **Ban eastbound left turn and shift travel lane to better align vehicles**
- **Limit westbound right turn (no truck turns)**
- **Painted pedestrian spaces shorten crossing distances and reduce conflicts between pedestrians and turning vehicles**
- **Banned turns clarify vehicle movements, make actions more predictable and reduce vehicle-pedestrian conflicts**
Banned turns:
- Southbound Broadway to westbound Myrtle Ave (right turn)
- Eastbound Myrtle Ave to northbound Broadway (left turn)

Limited turns:
- Westbound Myrtle Ave to northbound Broadway (cars only, right turn)

Maintained turns: 

New routes: 

Banned turns: 

Limited turns
**ADDITIONAL SAFETY IMPROVEMENTS**

**Lewis Ave**

- Parking lane stripe between Myrtle Ave and Broadway organizes vehicles

- Painted curb extension at Lewis Ave and Broadway creates slower, safer turns and shortens pedestrian crossing distances

- Lane delineation and signage to clarify movements on Lewis Ave at Broadway

- Loss of 1 parking spot at intersection of Lewis Ave and Broadway

**Marcus Garvey Blvd**

- Stripe parking lane to define travel lanes and organize vehicles between Broadway and Myrtle Ave
BENEFITS OF PROPOSAL

• Realigns roadway to create simpler, safer movements through intersection by eliminating dangerous movements around subway columns

• Eliminates difficult turns with heavy vehicle/pedestrian conflicts

• Creates additional pedestrian space and shorter, safer crossings at a crowded transit hub

• Provides additional clarity and predictability at challenging intersection
THANK YOU!

Questions?
CHANGES IN TRAFFIC VOLUMES

**Truck Volumes:**

Marcus Garvey Blvd
- Existing: 20% of vehicles are trucks/buses
- Proposed: 20% of vehicles will be trucks/buses

Lewis Ave
- Existing: 17% of vehicles are trucks/buses
- Proposed: 18% of vehicles will be trucks/buses

**Marcus Garvey Blvd**
- +38 cars
- +6 trucks

**Lewis Ave**
- +7 cars
- +5 trucks

*Based off of maximum recorded vehicle counts from 10/2017 and 2/2019*