



# RALPH AVENUE AVENUE J TO AVENUE T

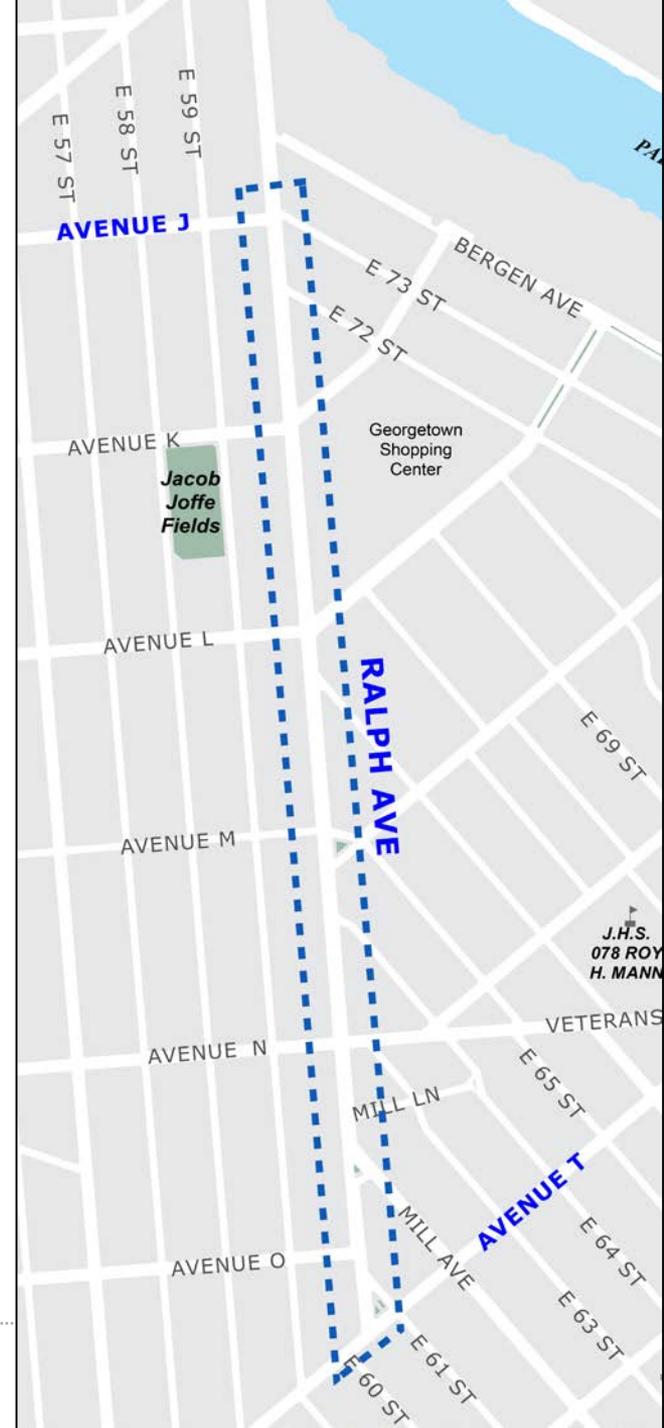
Presentation to Brooklyn Community Board 18  
April 18, 2018



Research,  
Implementation,  
& Safety

# PROJECT LOCATION

- **Ralph Avenue, Avenue J to Avenue T**
- **0.9 miles**
- **Community Board 18**
- **Retail and residential corridor**
- **Georgetown Shopping Center**
- **B47 bus route**
- **Local truck route**



# SAFETY DATA

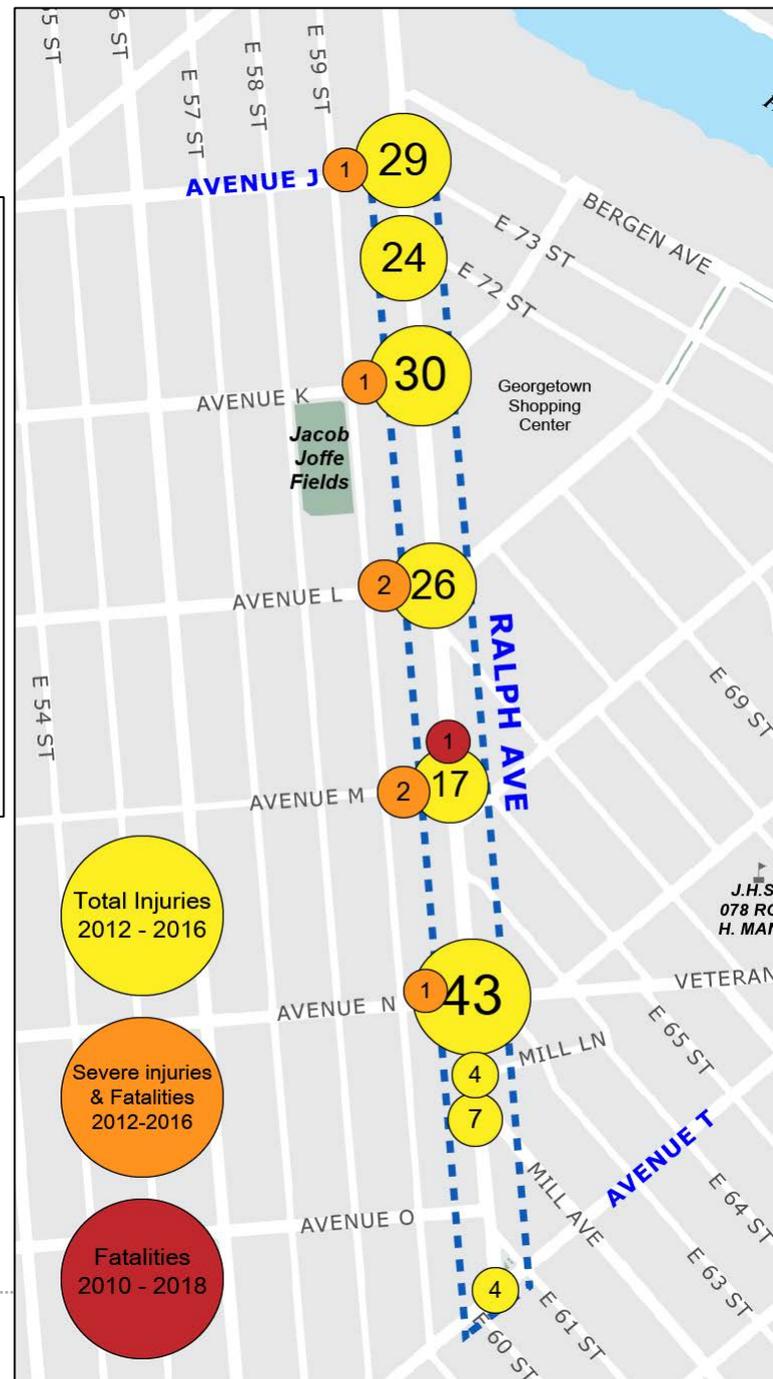
- Ralph Avenue is a Vision Zero Priority Corridor
- Ralph Ave and Avenue L is a Vision Zero Priority Intersection
- 213 total injuries and 10 people killed or severely injured (2012-2016)
- Driver failure to yield is the leading cause of pedestrian crashes
  - Ralph Ave: 46% of pedestrian crashes resulted from failure to yield
  - Brooklyn average: 35% of pedestrian crashes resulted from failure to yield
- Motor vehicle left turn crashes are double the borough average:
  - Ralph Ave: 16% of motor vehicle crashes were left turn crashes
  - Brooklyn average: 8% of motor vehicle crashes were left turn crashes

## Injury Summary, 2012-2016 (5 Years)

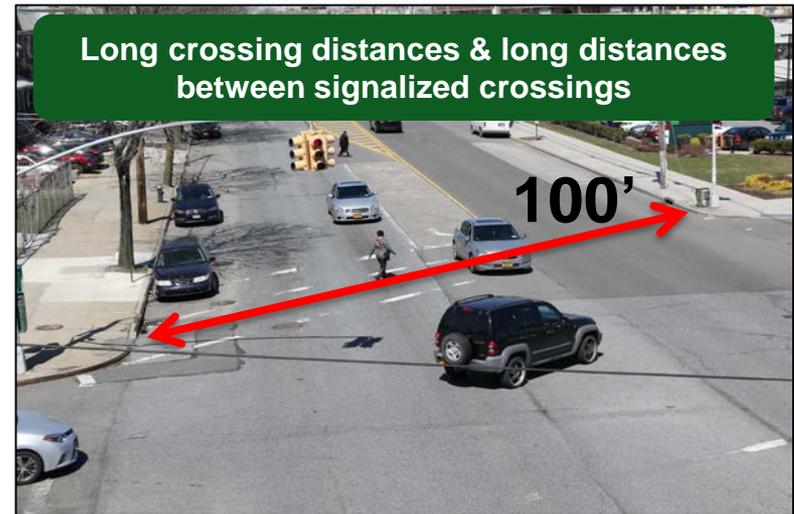
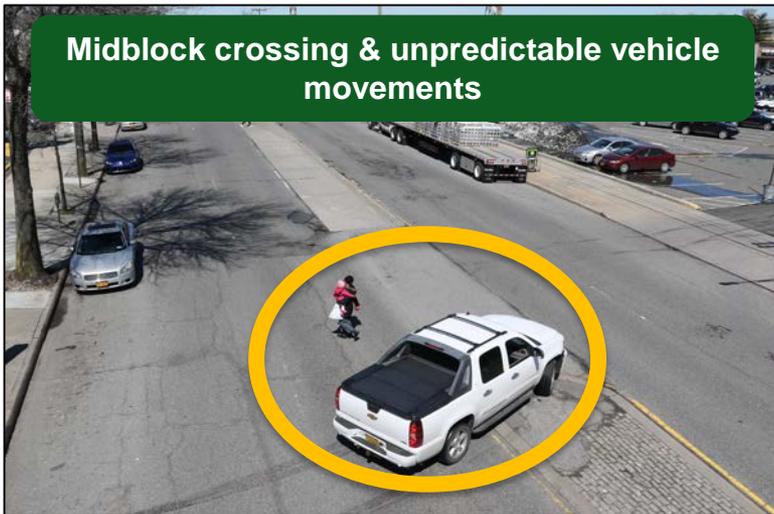
	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	34	6	1	7
Bicyclist	3	0	0	0
Motor Vehicle Occupant	176	3	0	3
<b>Total</b>	<b>213</b>	<b>9</b>	<b>1</b>	<b>10</b>

Fatalities, 01/01/2012-1/29/2018 : 1

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



# EXISTING CONDITIONS

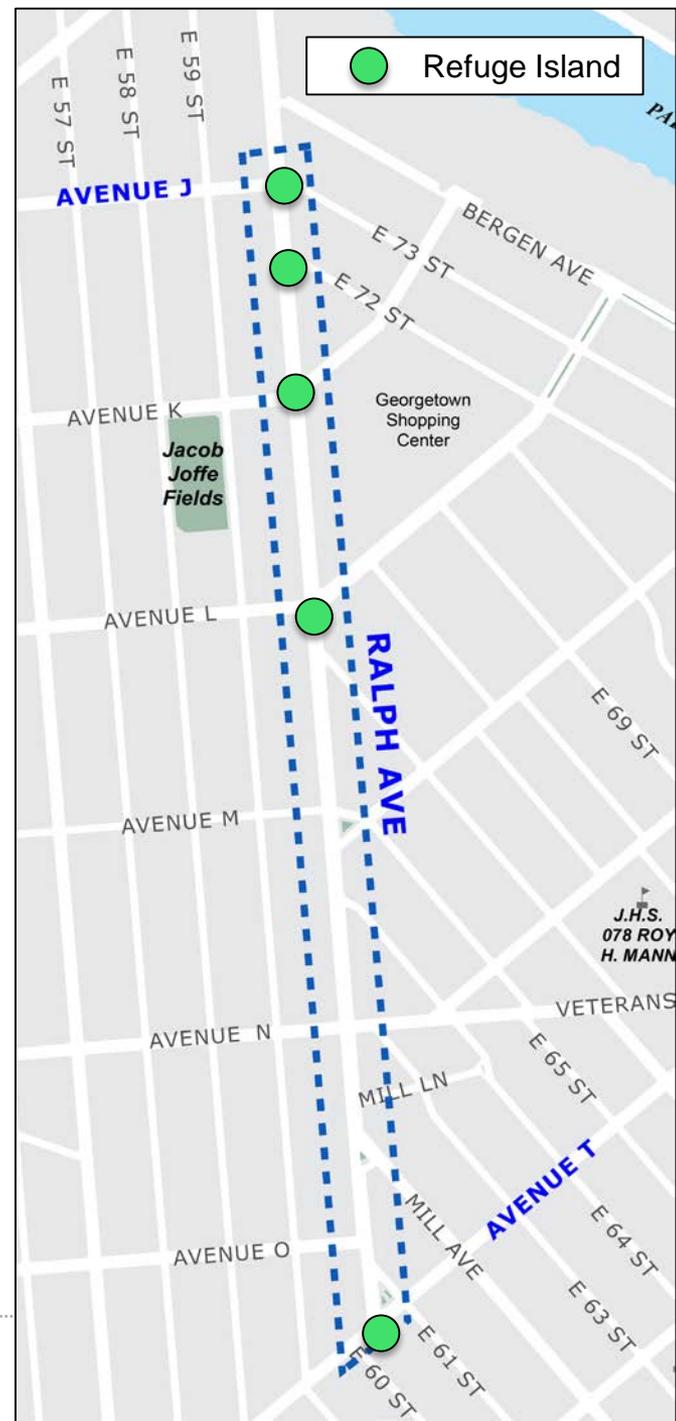
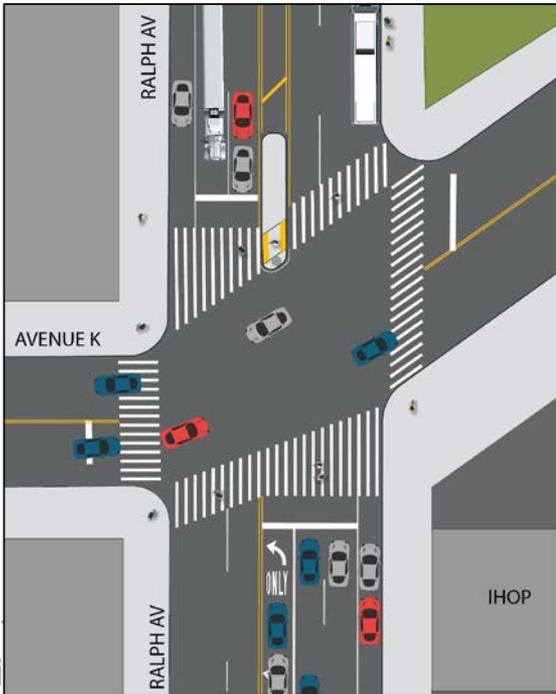


High speeds (71% of vehicles recorded traveling above the speed limit)

# CORRIDOR PROPOSAL DETAILS

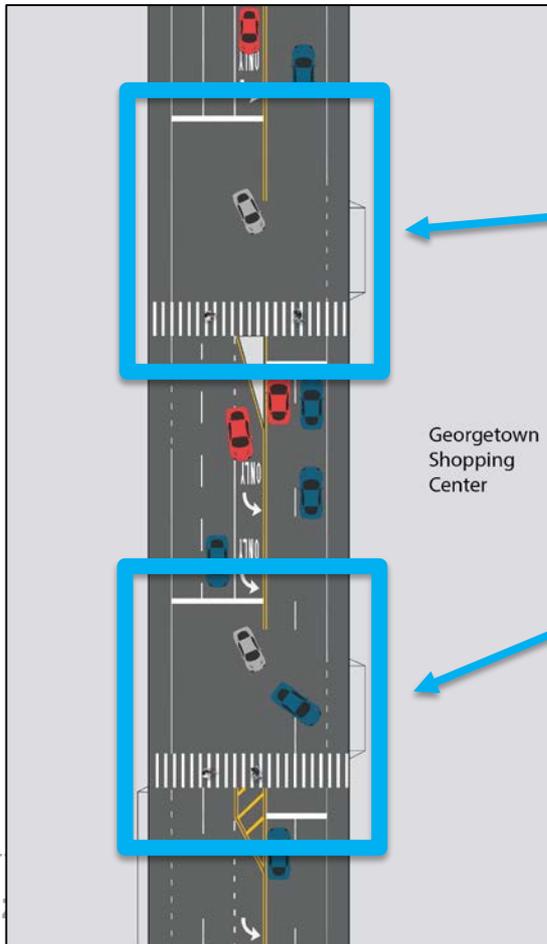
Construct 5 pedestrian refuge islands to shorten crossing distances and calm traffic at Ralph Ave and:

- Avenue J (north crosswalk)
- E 72<sup>nd</sup> St (south crosswalk)
- Avenue K (north crosswalk)
- Avenue L (south crosswalk)
- and Avenue T (north crosswalk)



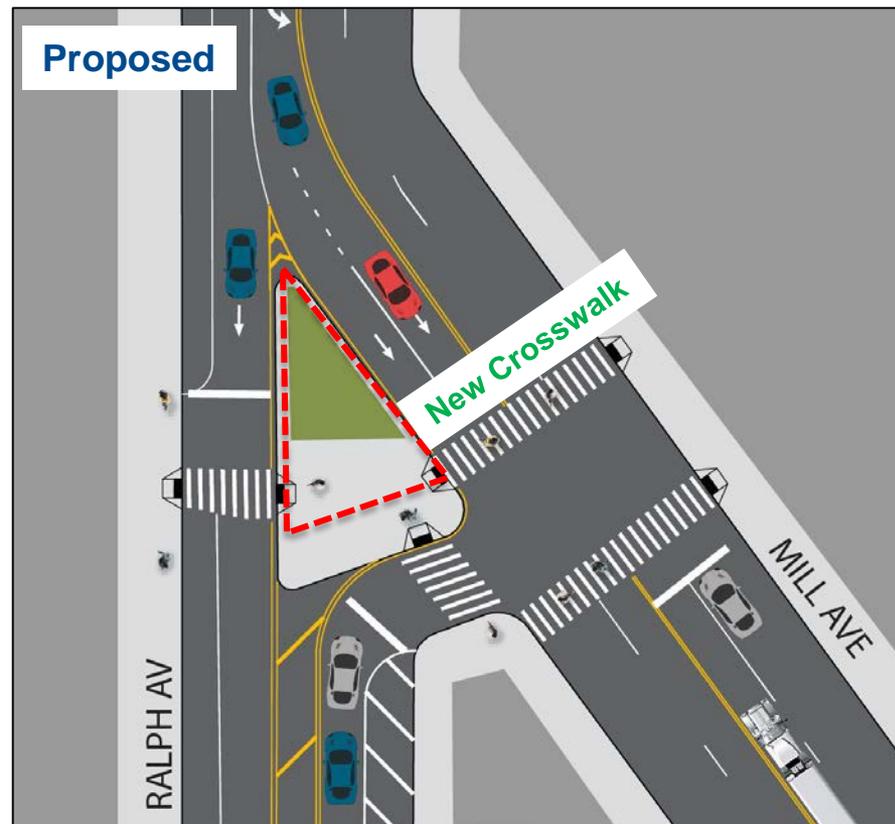
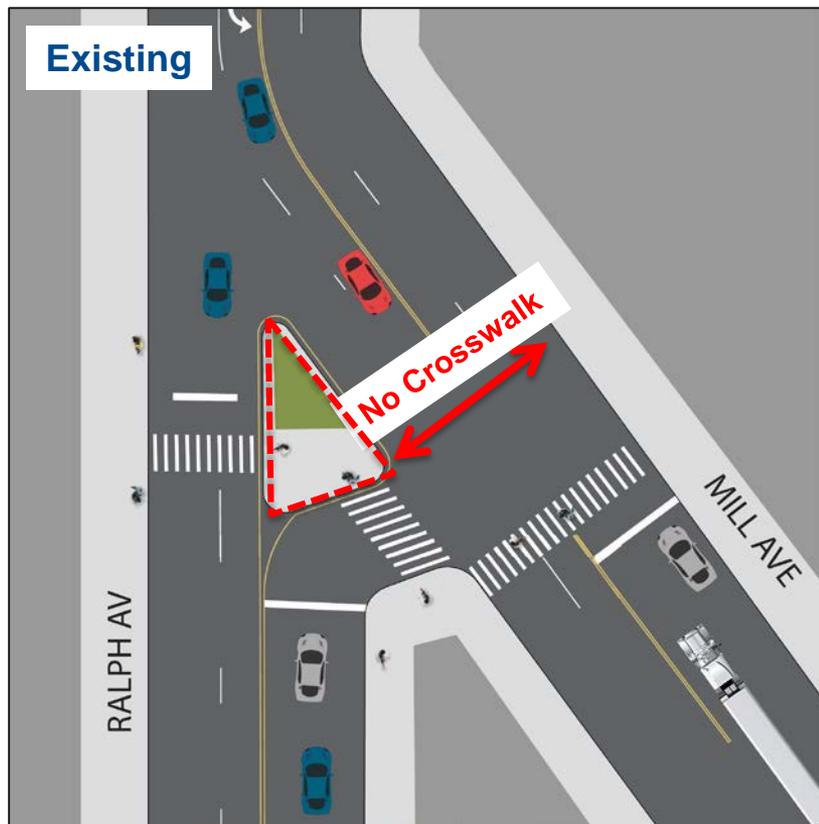
# CORRIDOR PROPOSAL DETAILS

Add 2 midblock signals at existing left turn bays to Georgetown Shopping Center to improve vehicle access and add pedestrian crossings



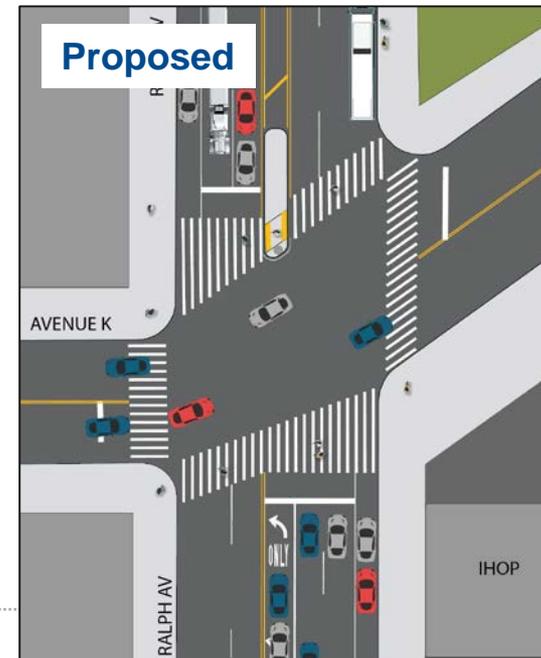
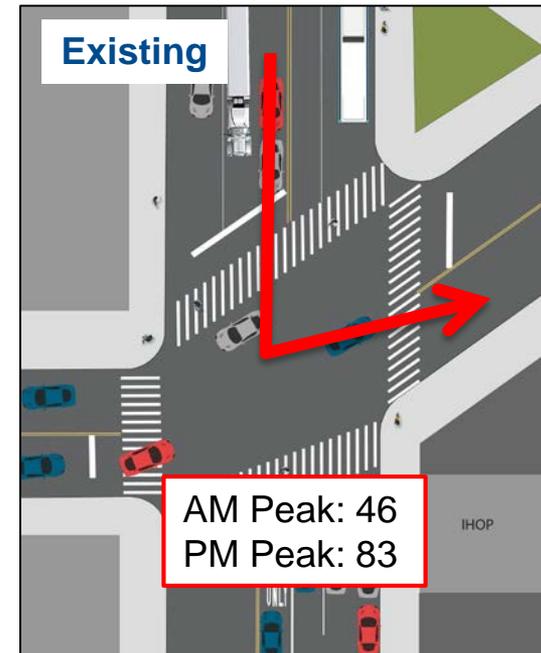
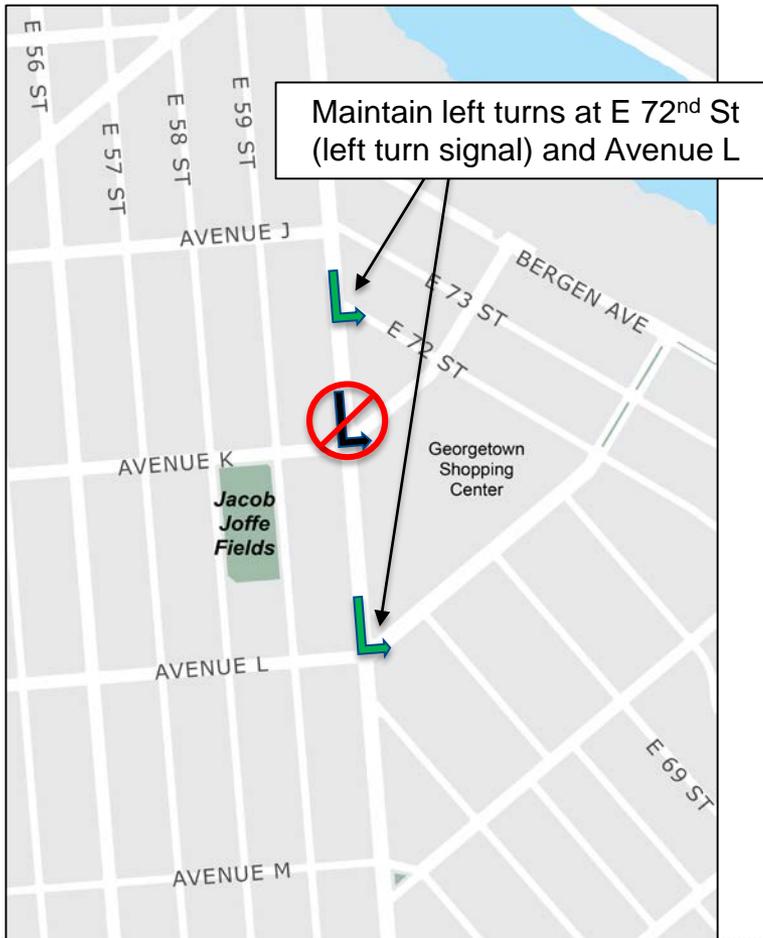
# CORRIDOR PROPOSAL DETAILS

Expand concrete triangle and add new crosswalk at Mill Ave to expand pedestrian refuge and calm traffic



# CORRIDOR PROPOSAL DETAILS

Ban southbound left turn at Ave K to reduce conflicts and install pedestrian island



# CORRIDOR PROPOSAL DETAILS

- Install painted curb extension at Ave M to slow right turns and shorten crossing distances
- Install center flush median and parking lane stripe
- Upgrade pedestrian ramps at Ave J, E 72<sup>nd</sup> St, Ave K, Ave L, Ave M, Mill Ave, and Ave T



# BENEFITS OF PROPOSAL

- **Create shorter pedestrian crossings and safer turns by** constructing 5 pedestrian refuge islands at Avenue J, E 72nd St, Avenue K, Avenue L, and Avenue T
- **Provide additional pedestrian access and improved mobility by** adding 2 midblock signals at existing left turn bays to Georgetown Shopping Center
- **Improve pedestrian refuge and create additional pedestrian access by** expanding concrete triangle and adding new crosswalk at Mill Ave
- **Clarify vehicle movements and reduce conflicts by** banning southbound left turn at Ave K
- **Create shorter pedestrian crossings and slower right turns by** installing painted curb extension at Ave M to slow right turns and shorten crossing distances
- **Standardize travel lanes and organize traffic by** installing center flush median and parking lane stripe



Proposed Conditions: Pedestrian island on Caton Avenue, Brooklyn

# THANK YOU!

## Questions?

Contact: Nathan Albert, Brooklyn Borough Commissioner's Office at [nalbert@dot.nyc.gov](mailto:nalbert@dot.nyc.gov) or (646) 892-1365



NYCDOT



nyc\_dot



nyc\_dot



NYCDOT