• Part of Mayor de Blasio’s Great Streets initiative
• Vision Zero Priority Corridor
• DOT has received many community requests for safety improvements
• Major east-west arterial, located between Broadway Junction (A, C, J, Z, L) and J, Z subway line along Fulton St and C subway line along Pitkin Ave
**Project Need: Safety Data**

- Atlantic Ave is a Vision Zero Priority Corridor
  - As identified in Brooklyn Pedestrian Safety Action Plan
- Top 10% of Brooklyn corridors for total crashes
- Highest concentration of crashes along project corridor at Pennsylvania Ave and Logan St

### Atlantic Ave - Georgia Ave to N Conduit Ave, BK

**Injury Summary, 2009-2013 (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>82</td>
<td>10</td>
<td>1</td>
<td>11</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>20</td>
<td>10</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>891</td>
<td>25</td>
<td>1</td>
<td>26</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>993</strong></td>
<td><strong>37</strong></td>
<td><strong>2</strong></td>
<td><strong>39</strong></td>
</tr>
</tbody>
</table>

**Fatilities, 01/01/2009-3/2/2015:**

- Pedestrian: 2
- Bicyclist: 0
- Motor Vehicle Occupant: 1

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

- Almost **1,000 injuries** along the corridor from 2009-2013
- **11 pedestrian KSI** (persons killed or severely injured)
- **39 total KSI** along the corridor, including 3 fatalities
Existing Conditions

- 90 foot wide roadway
- Long crossing distances for pedestrians
- Existing median is in poor condition
- High incidence of speeding
- Left turning vehicles block through traffic
- Long Island Railroad runs underneath corridor
Corridor-wide Design Elements

- Install raised, planted center median
- Create safe, accessible pedestrian refuge
- Plant street trees and additional plantings along median
- Work with LIRR to raise vents
- Install upgraded markings
Corridor Crash Hot Spots

- Additional safety improvements at hot spot locations, including:
  - Left turn bays
  - Left turn bans
  - Curb extensions
  - Midblock crossing
Before: Atlantic Ave at Elton St
- Construct raised, planted center median
- Provide safe refuge for pedestrians
- Left turn bay keeps turning vehicles from blocking through traffic
- Install parking lane stripe
- Install high-visibility crosswalks
Benefits of Proposal

- **Raised, planted center median**
  - Provides safer and accessible pedestrian refuge
  - Calms traffic / reduces speeding
  - Discourages dangerous midblock crossings
- **Left turn bays**
  - Organize traffic and minimize vehicle weaving and back pressure
  - Keep through traffic moving
- **Left turn bans**
  - Streamline intersection operations
  - Reduce pedestrian-vehicle conflicts
- **Midblock crossing**
  - Accommodates pedestrian desire line where there is a long distance between crossings
- **Curb extensions**
  - Shorten crossing distances and slow turning vehicles
- **Markings Upgrades**
  - Parking lane stripe calms traffic
  - High visibility crosswalks magnify pedestrians
DDC HWK-10105 Capital Timeline

Limits:
• Atlantic Ave: Georgia Ave to Conduit Blvd

Current Status:
• DDC working on design with DOT

Design Phase Goals:
• August 2016: Complete design
• Spring 2017: Construction scheduled to begin

Next Phase:
• Phase II: Conduit Blvd to Rockaway Blvd
Questions?

Thank You

Contact: NYCDOT Brooklyn Borough Commissioner’s Office at 646-892-1350