Community Request
• P-Street Block Association requests improvements at Atlantic and Washington: Winter 2011
• Has a community petition with over 330 signatures

Pedestrian Safety Issues
• Unprotected desire lines
• Long crossings
• Washington Ave connects Prospect Heights residents to the A & C subway stop at Clinton Ave

Background
## Washington Ave & Atlantic Ave & Underhill Ave
### 2005 – 2009

<table>
<thead>
<tr>
<th>Category</th>
<th>Total Injuries</th>
<th>Average Injuries/Yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>8</td>
<td>1.6</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>98</td>
<td>19.6</td>
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<tr>
<td><strong>Total Injuries</strong></td>
<td><strong>111</strong></td>
<td><strong>22.2</strong></td>
</tr>
</tbody>
</table>

Source Data: NYS Dept of Motor Vehicles/NYC Dept of Transportation

### Fatalities (2005-Present)
2 Motor Vehicle Occupants
Lowry Triangle between Washington & Underhill
Multi-Legged Skewed Intersection

High speed turns encourage failure to follow Yield-to-Pedestrian laws
Multi-Legged Skewed Intersection

Vehicle movements unpredictable
Long Unprotected Crosswalks

Long crossing distances without safety islands
Long Unprotected Crosswalks

Pedestrian perspective: crossing 103 feet with cars turning in multiple directions
Atlantic Ave at Washington

Plan

- Shorter crosswalks
- Calms left-turning vehicles
- Clarifies driver intent
Proposed Improvements

Improve Safety at Atlantic Ave with Shorter Crosswalks by:
- Expand Lowry Triangle Park and Greenstreets Island
- Add neckdowns where feasible
- Restrict eastbound left turns from Atlantic to Washington and replace turn bay with Landscaped Median
- Extend Median in East crosswalk
CB 8 Project Area

Improvements within Community Board 8
Presented to CB 8 on January 25, 2011
2. Park Place and Grand Ave
3. Washington Striping Plan
2. Park Place and Grand Avenue

- Multi-legged intersection
- Long crosswalks
- School and Police Station

To School

Police
### 2. Park Place and Grand Avenue

<table>
<thead>
<tr>
<th>Total Injuries</th>
<th>Average Injuries/Yr</th>
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</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>4</td>
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<tr>
<td>Bicyclist</td>
<td>0</td>
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<tr>
<td>Motor Vehicle Occupant</td>
<td>15</td>
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<tr>
<td><strong>Total Injuries</strong></td>
<td><strong>19</strong></td>
</tr>
</tbody>
</table>

Source Data: NYS Dept of Motor Vehicles/NYC Dept of Transportation
2. Park Place and Grand Avenue

No pedestrian protection and unpredictable motor vehicle movements
2. Park Place and Grand Avenue

- Extended Sidewalk and New Trees
- New Safety Island
2. Park Place and Grand Avenue

- Clarifies Intersection
- Shortens crosswalks
- Landscaped safety areas
## Washington Ave: Eastern Pkwy – Atlantic Ave
### 2005 – 2009

<table>
<thead>
<tr>
<th>Category</th>
<th>Total Injuries</th>
<th>Average Injuries/Yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>46</td>
<td>10.9</td>
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<tr>
<td>Bicyclist</td>
<td>20</td>
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<td>Motor Vehicle Occupant</td>
<td>253</td>
<td>60.1</td>
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<td><strong>Total Injuries</strong></td>
<td><strong>319</strong></td>
<td><strong>75.8</strong></td>
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</table>

Source Data: NYS Dept of Motor Vehicles/NYC Dept of Transportation

### Fatalities (2005-Present)
2 Motor Vehicle Occupants at Atlantic Ave
3. Washington Possible Striping Plan

Confusing striping:
1. Too wide for parking lane
2. Too narrow for moving lane
3. Washington Possible Striping Plan

**EXISTING**

- **West Sidewalk**
  - 15’ Combined Parking/Moving Lane

- **East Sidewalk**
  - 15’ Combined Parking/Moving Lane

50’

**OPTION**

- **West Sidewalk**
  - 9’ Parking Lane
  - 5’ Moving Lane
  - 11’ Moving Lane

- **East Sidewalk**
  - 9’ Parking Lane

One moving lane with turn bays as needed for reduced vehicle weaving
3. Washington Possible Striping Plan

- New Turn Bay at St. Johns Place
- New Road Striping and optional Bicycle Lanes
3. Washington Possible Striping Plan

Proposed: Same street width and striping as 5th Ave in Park Slope

Pedestrian crashes resulting in death or severe injury were 40% less deadly on streets with bicycle lanes.
Proposed Improvements

1. Improve Safety at Atlantic Ave with Shorter Crosswalks by:
   • Expanding Lowry Triangle Park and Greenstreets Island
   • Add neckdowns where feasible
   • Restrict eastbound left turns from Atlantic to Washington and replace turn bay with Treed Median
   • Extend Median in East crosswalk

2. At Grand Ave and Park Place:
   • Add Crosswalk Refuge
   • Construct Island in South crosswalk

3. Restripe corridor with clear travel lanes, adding possible striped bicycle lanes