7 Ave Southbound, 65 St to 84 St

Project Area

- Local Truck Route adjacent to Gowanus Expressway
- Project area used by students accessing local schools
- Two pedestrian fatalities, two school-age pedestrian injuries, and one school-age bicyclist injury in project area (2012-2016)
7 Ave Southbound, 65 St to 84 St

Crash Data 2012-2016

- 160 total injuries
- 11 severe injuries
- 2 pedestrian fatalities

<table>
<thead>
<tr>
<th>Injury Type</th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
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<tr>
<td>Pedestrian</td>
<td>20</td>
<td>2</td>
<td>2</td>
<td>4</td>
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<td>Bicyclist</td>
<td>8</td>
<td>3</td>
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<td>Motor Vehicle Occupant</td>
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<td>6</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>160</strong></td>
<td><strong>11</strong></td>
<td><strong>2</strong></td>
<td><strong>13</strong></td>
</tr>
</tbody>
</table>

Fatalities, 01/01/2012-12/31/2019: 2

Source: Fatalities: NYCDOT
Injuries: NYSDOT
KSI: Persons Killed or Severely Injured
Fatal hit-and-run stuns Bay Ridge community

Police are seeking the driver responsible for a hit-and-run accident Monday in Bay Ridge that claimed the life of Amiad Barakat, 34.

According to reports, Barakat was crossing 72nd Street near Seventh Avenue in Bay Ridge at around 9 p.m. when a beige four-door sedan on Seventh Avenue hit him. He was pronounced dead at the scene.

Members of the community are stunned by the accident, which took place at an intersection close to a school. Members of Community Board 10 confirm that accidents have happened at the spot in the past, citing a 2004 incident involving a detective who died after swerving his car to avoid hitting a child.

Anyone with information on the hit-and-run is asked to call Crime Stoppers at 1-800-577-TIPS.
7 Ave Southbound, 65 St to 84 St

Existing: Wide Roadway Encourages Speeding

61% of drivers above 30 mph speed limit at 7 Ave and Bay Ridge Parkway

82% of drivers above 30 mph speed limit at 7 Ave and Fort Hamilton Pkwy

Max Speed Recorded: 50 mph
7 Ave Southbound, 65 St to 84 St

Existing: High Volumes of Student Pedestrians
7 Ave Southbound, 65 St to 84 St

**Existing: Failure to Yield to Pedestrians**
7 Ave Southbound, 65 St to 84 St

Existing: Crosswalk Encroachment
7 Ave Southbound, 67 St to 79 St
Proposal: Reduce Speed Limit to 25 mph

- Existing speed limit on 7 Ave Southbound from 67 St to 79 St is 30 mph

- Driving at or below 25 mph improves drivers’ ability to avoid crashes

- Pedestrians struck by vehicles traveling at 25 mph are half as likely to die as those struck at 30 mph

- Investigating reducing speed limit on 7 Ave Southbound to 25 mph, consistent with local streets
7 Ave Southbound, 67 St to 79 St

Proposal: Reconfigure Roadway to Reduce Speeding

**Existing**

7 Ave Southbound at 76 St

Tightening roadway reduces speeding

**Proposed**

Example: Van Siclen Ave, Brooklyn

Dedicated space for cyclists provides predictability

No parking impact
7 Ave Southbound, 67 St to 79 St

Proposal Detail: Two-way Protected Bike Lane

Example: Williamsburg Street West between Kent Ave and Flushing Ave, Brooklyn
**7 Ave Southbound, 65 St to 79 St**

**Evaluation of Lane Removal**

**Congested Lane**
- 700 vehicles per hour or above

**Existing (3 lanes)**
- 334 vehicles per lane at busiest time of day (1,002 vehicles total)

**Proposal (2 lanes)**
- 501 vehicles per lane at busiest time of day (1,002 vehicles total)

*Maximum Recorded Peak Volume (AM & PM) at 7 Ave Southbound, between Bay Ridge Ave and Ovington Ave*
7 Ave at Ovington Ave and Bay Ridge Pkwy

Proposal Detail: Pedestrian and Bicycle Head Start

1. Add new crosswalk and left turn traffic calming

2. Add Leading Pedestrian/Bike Interval (LPI/LBI) for pedestrians and new bicycle signals for crossing Ovington Ave and Bay Ridge Pkwy

3. Existing LPIs for pedestrians crossing 7 Ave

Example: Left turn traffic calming via use of rubber speed bump at 7 Ave and Bay Ridge Pkwy
7 Ave at Ovington and Bay Ridge Parkway
Proposal Detail: Leading Pedestrian Interval (LPI)

- Ovington Ave and Bay Ridge Parkway currently have LPIs for pedestrians crossing 7 Ave
- Proposal adds additional LPIs for pedestrians and bicycles crossing Ovington Ave and Bay Ridge Parkway
- Proposal adds bicycle signals at Ovington Ave and Bay Ridge Parkway
7 Ave at 72 St

Proposal Detail: Improve Access to Pedestrian Bridge

- New crosswalk improves pedestrian accessibility to 72 St Pedestrian Bridge
- New shared space reduces crossing distance and improves visibility

Existing: Pedestrians crossing outside of crosswalk at 72 St and 7 Ave Southbound
Ft Hamilton Pkwy, 79 St to 84 St
Proposal: Southern Bike Connection

- Connect proposed protected bicycle lane on 7 Ave to bike lane on Fort Hamilton Pkwy south of 84 St

Legend:
- Proposed Bicycle Route
- Existing Bicycle Facilities
  - Protected Bicycle Path
  - Bicycle Lane
  - Shared Lane
  - Signed Route

Add plastic bollards to separate vehicle movements
Painted curb extension shortens pedestrian crossing
Bicycles shift from two-way bike lane to southbound standard bike lane
Plastic bollards (“qwik kurb”)
Ft Hamilton Pkwy, 79 St to 84 St
Proposal Detail: Organize Wide Roadway

Existing
Fort Hamilton Pkwy Southbound at 81 St

Organize travel lanes
Dedicated space for cyclists provides predictability
Connect bicycle network
No parking impact

Proposed
Example: Franklin Ave, Brooklyn
Ft Hamilton Pkwy at 83 St
Proposal Detail: Reduce U-Turns and Speeding

Example: Fort Hamilton Pkwy at 83 St Rendering

- Add plastic bollards to separate vehicle movements
- Add parking lane stripe to reduce speeding

Plastic bollards ("qwik kurb")
7 Ave, 65 St to 67 St

Existing: Poor Connections Across Highway

- Wide roadway encourages speeding
- Poor pedestrian connection across Gowanus Expressway
- Leif Ericson Park Greenway has no eastbound connection
- Bicyclists cannot connect to bike lanes on 7 Ave north of 65 St

Pedestrians cross 7 Ave Southbound at 66 St uncontrolled intersection

Pedestrians use circuitous route or cross at uncontrolled intersection
7 Ave, 65 St to 67 St
Proposal: Improve Pedestrian and Bicycle Connections

- New crosswalks and pedestrian space on bridge create safer, shorter pedestrian and bicycle connections

New crosswalks and pedestrian space creates safer, shorter path across highway
7 Ave Southbound and 67 St
Proposal Detail: Organize Complicated Intersection

- Add new pedestrian connections
- Shorten pedestrian crossings
- Add new bicycle connections
- Remove turning lane on Erik PI to calm vehicles exiting highway
- Separate two eastbound legs of 67 St with painted curb extension

Example: BQE at 37 Ave, QN
7 Ave, 65 to 66 St
Proposal Detail: Improve Connections

- Add new pedestrian connections
- Improve connections to schools, parks and open space
- Add new bicycle connections
7 Ave Southbound, 65 St to 84 St

Summary

- Improved pedestrian, cyclist and vehicular safety
- Reduced speeding
- Improved connections to parks and open space
Thank You!

Questions?

Contact: NYCDOT Brooklyn Borough Commissioner’s Office – (646) 892-1350

nyc.gov/visionzero

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