ATLANTIC AVE/FLATBUSH AVE
COMPREHENSIVE SAFETY PLAN

Presented August 3, 2016
Tonight’s Agenda

- DOT presentation (30 min)
- Map activity (45 min)
- Groups report back (15 min)
Background
PROJECT AREA

Schermerhorn St →
3rd Ave →
Atlantic Ave →
4th Ave →
Flatbush Ave →
Lafayette Ave →
Ft. Greene Pl →
ELECTED OFFICIALS

Council, Assembly, & Congressional Districts
Entire area is NY Senate District 25, Montgomery
WHY ARE WE HERE?

- Major intersection of three two-way arterials
- Multi-modal hub
- New residential and commercial development
- Major entertainment and shopping destination
PROCESS

- Present coordinated, comprehensive, area-wide safety plan
- Solicit community feedback on safety plan
- Revise comprehensive plan based on feedback
- For capital reconstruction projects, DOT will work with partners to design and develop
- For rapid response DOT projects, DOT will design and present to community board following typical process
WORKSHOP GOALS

• Identify street safety concerns
• Discuss potential street design solutions
• Gather community input
• Brainstorm safety improvements
PROJECT TIMELINE

2015
Oct 19 – Flatbush Ave stakeholder walkthrough

2016
Jan 25 – C/M Cumbo Town Hall
Jan 27 – Times Plaza Public Meeting
Aug 3 – DOT Public Workshop
SAFETY – VISION ZERO

Atlantic Ave and Flatbush Ave:
• is a VZ intersection
• is within a VZ area
• are both VZ corridors
SAFETY - CRASH DATA

Atlantic Ave/Flatbush Ave Project Area Injury Summary, 2010-2014 (5 years)

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>KSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>57</td>
<td>9</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>21</td>
<td>4</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>289</td>
<td>12</td>
</tr>
<tr>
<td>Total</td>
<td>367</td>
<td>25</td>
</tr>
</tbody>
</table>

51% of pedestrian crashes took place when pedestrians are crossing with signal.

5 fatalities between 2008-2016

Top 10% KSI* in Brooklyn

*Killed or Seriously Injured intersection safety metric
SAFETY - CRASH DATA

Atlantic Ave and Flatbush Ave

Crash Mapping
- Pedestrian Crash
- Bicycle Crash
- Motor Vehicle Crash
- Fatalities (last 8 years)

- 4/3/13 pedestrian
- 10/20/14 pedestrian
- 7/13/15 cyclist
- 02/26/08 pedestrian
- 12/15/12 pedestrian
Existing Conditions
EXISTING PLAN

Project Area
EXISTING CONDITIONS

Underutilized Roadbed

3rd Avenue Slip Lane @ Schermerhon St (looking north)
EXISTING CONDITIONS

Underutilized Roadbed

Schermerhorn St Slip Lane @ 3rd Ave (looking south)
EXISTING CONDITIONS

Long Pedestrian Crossings

Flatbush Ave @ Atlantic Ave (looking north)
EXISTING CONDITIONS

Long Pedestrian Crossings

Flatbush Ave @ Lafayette Ave (looking east)
EXISTING CONDITIONS

Heavy Traffic Volumes

Atlantic Ave @ Flatbush Ave (looking east)
EXISTING CONDITIONS

Heavy Traffic Volumes

Atlantic Ave @ Flatbush Ave (looking west)
EXISTING CONDITIONS

Heavy Turning Conflicts

Atlantic Ave @ Flatbush Ave (looking east)
EXISTING CONDITIONS

Heavy Turning Conflicts

Flatbush Ave @ 4th Ave (looking south)
EXISTING CONDITIONS

Heavy Turning Conflicts

Flatbush Ave @ Atlantic Ave (looking west)
EXISTING CONDITIONS

Heavy Curbside Demand

Flatbush Ave @ 4th Ave (looking south)
EXISTING CONDITIONS

Lack of Bike Connections
EXISTING CONDITIONS

Frequent Taxi/Bus/Van Drop Offs

Flatbush Ave @ Atlantic Ave (looking north)
EXISTING CONDITIONS

Unfriendly Sidewalk Design

Hanson Pl @ Ashland Pl (looking north)
Proposed Plan
PROPOSED PLAN
PROPOSED PLAN
PROPOSED PLAN

333 Schermerhorn Street

286 Ashland Place

BAM

Flatbush Avenue
Lockwell Place
Lafayette Avenue
Ashland Place
3rd Avenue
Schermerhorn Street
PROPOSED PLAN

1. Build out 3rd Ave slip lane
2. Build out Schermerhorn St slip lane
3. Build out neckdowns
4. Extend sidewalk on Lafayette Ave
5. Build center median island from Lafayette Ave to 4th Ave
6. Enhance bicycle connection between Schermerhorn St and Lafayette Ave
PROPOSED PLAN

1. Build out 3rd Ave slip lane
1. Build raised crosswalk on Ashland Pl/Hanson Pl
2. Install new traffic signal just north of State St with crosswalk
3. Build out neckdown
PROPOSED PLAN

Times Plaza

Flatbush Avenue

Terminal Mall

Atlantic Avenue

4th Avenue

P.C. Richard & Son

Modell’s

Subway Entrance

Subway Entrance

Subway/Line

Subway/Line
1. Build out pedestrian safety islands
2. Extend sidewalk on 4th Ave approaching Atlantic Ave
3. Build out neckdowns
4. Widen road to reserve space for potential bicycle connection adj to Times Plaza
5. New crosswalk across Flatbush Ave to Barclays Center
1. Remove double turn from w/b Atlantic Ave onto Flatbush Ave. Provide Split LPI timing to maintain traffic flow
2. Remove double right turn from e/b Atlantic Ave onto Flatbush Ave
3. Clarify and match number of moving lanes through intersection to eliminate merging
MAP EXERCISE

- DOT Staff Introduction
- Map orientation
- Discussion Questions
- Tell us:
  - Problems
  - Opportunities
  - Feedback on proposal
- Data slides will cycle through on screen
- 7:15 Groups report back
NEXT STEPS

- Feedback tonight will be synthesized to further develop comprehensive plan
- From comprehensive plan, quick-response and long term capital projects will be identified
- As construction and funding partners are identified, individual projects will be presented to the community board for approval
- As new opportunities develop, DOT will revise the comprehensive plan
THANK YOU!

Comments/Questions?
Contact Abigail Ikner at aikner@dot.nyc.gov