ATLANTIC AVENUE GREAT STREETS: PHASE II

Presentation to Brooklyn Community Board 5

February 26th, 2018

Research, Implementation, & Safety
PROJECT OVERVIEW

Atlantic Avenue Phase I
Georgia Ave to Logan St
1.2 miles
Brooklyn CB 5
Design completed
Construction scheduled to begin in 2018

Atlantic Avenue Phase II
Logan St to Rockaway Blvd
1.0 miles
Brooklyn CB 5/Queens CB 9
Design underway
Construction scheduled to begin in 2019
PROJECT TIMELINE

November 2015: Safety Workshop for Phase I & II at P.S. 89

December 2015: Presentation to Brooklyn CB 5 on Phase I

Fall 2015 – Fall 2017: Online Feedback Portal

Spring 2017: Street Ambassador Outreach

Summer – Fall 2017: Briefings for community stakeholders

**Winter 2018:** Presentations to Brooklyn CB 5 & Queens CB 9 on Phase II

**Late 2017:** Initial construction began on Phase I

**2019:** Construction scheduled to begin on Phase II
SAFETY PRIORITIES

Vision Zero

- Multi-agency effort to reduce traffic fatalities in New York City
- Borough Action Plans released in 2015
- Priority Intersections, Corridors, and Areas identified for each borough
- Atlantic Ave is a Priority Corridor with 8.5 pedestrians killed or severely injured per mile* and in a Priority Area

Great Streets

- Atlantic Ave is one of four arterial streets designated city funds as part of this Vision Zero Capital Program by Mayor de Blasio

Priority Bicycle District

- Identified in 2017 Safer Cycling report
- Community Boards with a high number of cyclists killed or severely injured and few bicycle facilities
- Brooklyn Community Board 5 is a Priority Bicycle District

*Pedestrian KSI per mile given for Atlantic Ave in Brooklyn only. Atlantic Avenue in Queens is a Priority Corridor with 6.5 pedestrian KSI per mile.
VISION ZERO PRIORITY

Atlantic Avenue Phase II:
- Vision Zero Priority Corridor
- Vision Zero Priority Area
- Great Streets Capital Project

Phase II Safety Data (2010-2014):
- 673 total injuries
- 38 persons killed or severely injured
- 14 pedestrians killed or severely injured
- 5 fatalities 2010 – present

Injury Summary, 2010-2014 (5 Years)

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Fatalities, 01/01/2010-8/14/2017: 5

Source: Fatalities: NYC DOT
Injuries: NYC DOT
KSI: Persons Killed or Severely Injured
EXISTING ROADWAY CONDITIONS

Wide roadway with 3 travel lanes and parking in each direction
CURRENT BEHAVIORS

Speeding

Aggressive turns

Crossing midblock

Parking on median
OUTREACH SUMMARY

Workshop Highlights
• More greenery & benches
• Safer crossings for pedestrians
• Better bike connections to Brooklyn & Queens neighborhoods

Street Ambassador Outreach
• Distributed +12,000 project information postcards to schools
• Visited +25 locations
• Collected +40 surveys

Survey Highlights
• 80% feel unsafe when crossing Atlantic Ave on foot
• 75% rated current walking conditions on Atlantic Ave as in need of improvement
• 75% would bike more if there were improved bike connections to regional destinations
PROPOSED DESIGN

Reconstruct center median with plantings (continuation of Great Streets Phase I)

Add left turn bays/left turn signals to create safer turns and reduce conflicts

Extend pedestrian refuge space in crosswalks to create safer pedestrian crossings and slower left turns

Install raised median-side bicycle lane, separate from traffic, to create safe bicycle connection
BICYCLE NETWORK

• Limited bicycle connections in Cypress Hills and Woodhaven neighborhoods, including Highland Park

• Atlantic Ave is a key east-west connection
  • Link to existing facilities in western Brooklyn
  • Expand bicycle network in Priority Bicycle District

• Results from implementation of Queens Blvd median-side bicycle lane:
  • 150% increase in cyclists
  • 63% decline in pedestrian injuries
  • 28% decline in total crashes
PROPOSED LEFT TURN BAYS & SIGNALS
**CONDUIT BLVD & ATLANTIC AVE**

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**Goal:** Improve pedestrian access on/across Atlantic Ave

**Constraints include:** Change in grade, Conduit Blvd vehicle volumes, sight lines

**Plan:** Currently investigating improvements and developing a new capital project
PROPOSAL BENEFITS

• Construct new median with trees and greenery

• Reduce conflict between motor vehicles, pedestrians, and cyclists

• Provide safer, shorter pedestrian crossings

• Create simpler, safer left turns

• Install safe bicycle connection in a Priority Bicycle District

• Create a linear greenway on Atlantic Avenue
THANK YOU!

Questions?
## EXISTING TRAFFIC VOLUMES

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