Greenpoint Avenue Bridge Improvements
Bicycle Safety Enhancements
Background

- April 2010 DOT proposed safety changes over bridge as part of bridge component rehabilitation, which included buffered bike lanes
- Existing Greenpoint Ave bike lanes end at Kingsland Ave on Brooklyn side
- No connection over Newtown Creek
- Identified as a bicycle connection through community bicycle workshop in Long Island City
- DOT has received numerous requests for bike facilities on the bridge over the years
- Complaints about speeding
- Assembly Member Joseph Lentol & Council Member Jimmy Van Bramer requested improvements
Project Map

Existing eastbound bicycle lane ends at Kingsland Ave

- **BK CB 1**
- **QN CB 2**
Existing Conditions

Two Travel Lanes

Limited Visibility Due To Curvature & Elevation Change

Between Review Av and Kingsland St
14-Hour Bicycle Volumes

June 2014
Weekday: 606
Weekend: 577

*Count conducted 6/17/2014 & 6/21/2014 7am-9pm
Existing Conditions

Bicycle Riders Stop and Dismount Walk Bike

Sidewalk Riding

Sidewalk Conflicts
Peak-Hour Vehicle Volumes

Peak Hour Vehicle Volumes: AM/PM
Nov 2014
Proposed Design – Queens Side
At Review Ave

**Existing**
- Queens Bound
  - 12’ Travel Lane
  - 12’ Travel Lane
  - 6’ Median
- Brooklyn Bound
  - 12’ Travel Lane
  - 12’ Travel Lane

**Proposed**
- Queens Bound
  - 6’ Travel/Turn Lane
  - 11’ Travel/Turn Lane
- Brooklyn Bound
  - 11’ Travel Lane
  - 11’ Travel Lane
  - 6’
Existing Conditions – Brooklyn Side
At Kingsland Ave

Bridge Approach from Kingsland Ave, Brooklyn
Proposed Design – Brooklyn Side
At Kingsland Ave

**Existing**

- Brooklyn Bound
  - 12’ Travel Lane
  - 12’ Travel Lane

- Queens Bound
  - 12’ Travel Lane

- 6’ Median

**Proposed**

- Brooklyn Bound
  - 11’ Travel Lane
  - 11’ Travel Lane

- Queens Bound
  - 11’ Travel Lane
  - 11’ Travel Lane

- 6’ Median

- North Sidewalk
- South Sidewalk
Peak Hour Vehicle Volumes:
AM/PM
Nov 2014

Draft Design
With Peak-Hour Vehicle Volumes

Brooklyn Side
Kingsland Ave

Greenpoint Ave Bridge

750/900

Draft Design
03.17.2015

850/850

Queens Side
Van Dam St

Peak Hour Vehicle Volumes:
AM/PM
Nov 2014
Bicycle Guide Signs

39th St Bridge, Queens
Summary of Proposal

- **Bridge Span**
  - Two travel lanes for Queens bound traffic
  - One travel lane for Brooklyn bound traffic
  - 6’ curbside bike lanes in both directions with 4’ buffer

- **Approaches**
  - Two travel lanes in each direction
  - 6’ curbside bike lanes in both directions

- Establishes a connection between the bicycle network in Brooklyn to the expanding network in CB 2
- Improves bicycle circulation throughout the community and to major employment centers
- Improves safety for cyclists by designating space for riding & addressing sight line issues on the bridge
- Increases awareness of the presence of cyclists
Questions?

Thank You

For questions contact Queens Borough Commissioner’s Office: (212) 839-2510
Promotion/Access

NYC Cycling Map

- 375,000 Maps Distributed Annually
  - Available at:
    - Bike Shops
    - Libraries
    - 311
  - Maps have rules and tips printed on them

Bike Smart Guide

- Guide to laws, riding tips, bike locking, etc.
- Printed in English, Spanish, and Chinese
- Korean, Haitian Creole, Russian, Italian also available online

Bike Encouragement

- Bike to School
- Bike Bonanzas:
  - Free helmets from DOT
  - Kids’ Bike Swap by Recycle-a-Bicycle
  - Learn-to-Ride by Bike New York
Education & Enforcement

Education & Safety
- “Ring in the Spring” Bell Giveaway
- Fall Visibility Poster and Light Giveaway
- Helmet Fittings
- Truck’s Eye View
- “Do You Deliver?” – delivery cyclist education

Campaigns
- Head’s Up (2012)
- Don’t Be A Jerk (2011)
- LOOK! (2006)

Enforcement
- Delivery Cyclist unit
- Street Safety Managers