

Greenpoint Avenue Bridge Improvements

Bicycle Safety Enhancements

2015



New York City Department of Transportation
Presented to Queens CB 2 on April 1, 2015

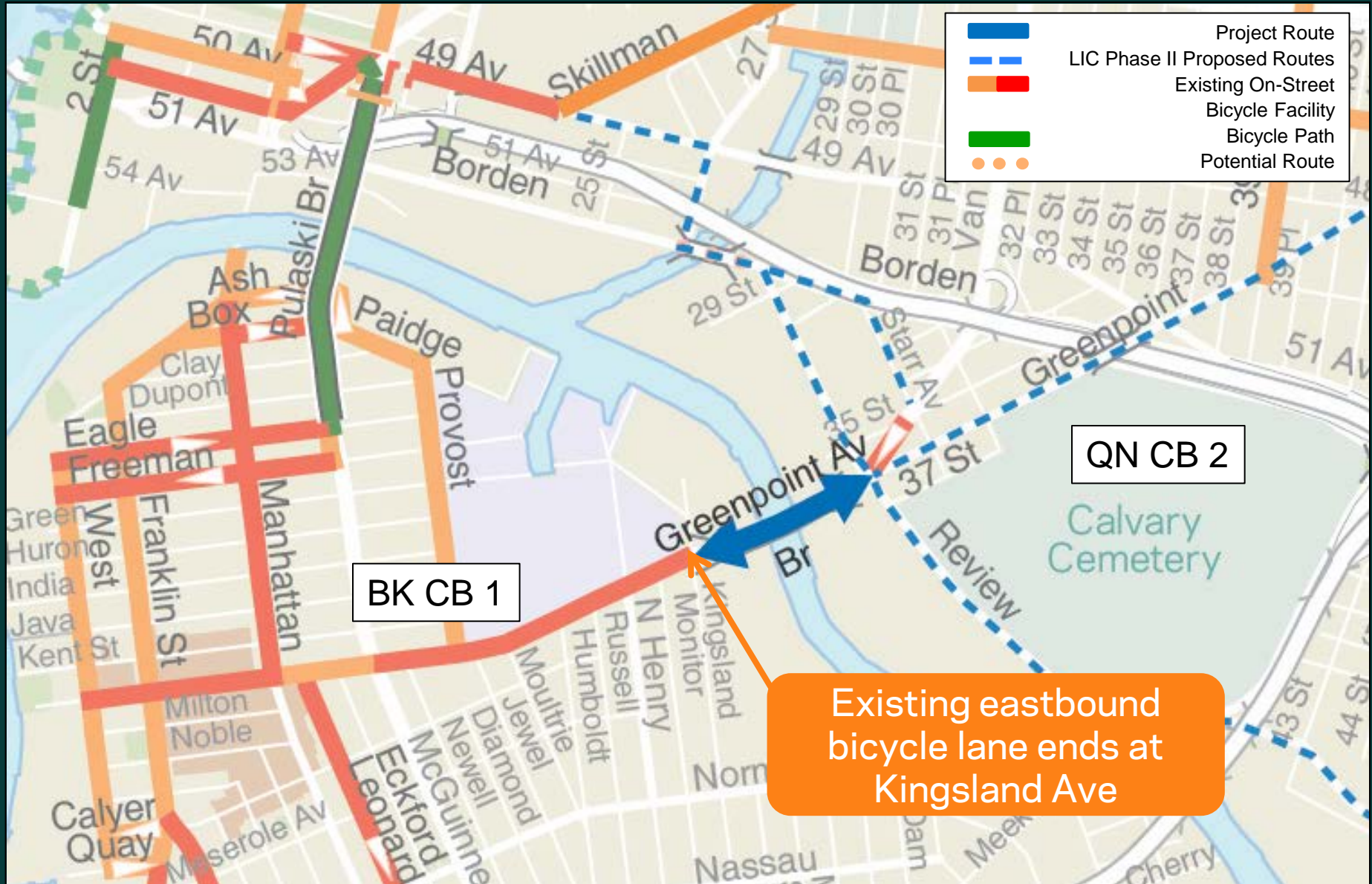


Background



- 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 Conditions

Limited Visibility Due To
Curvature & Elevation Change

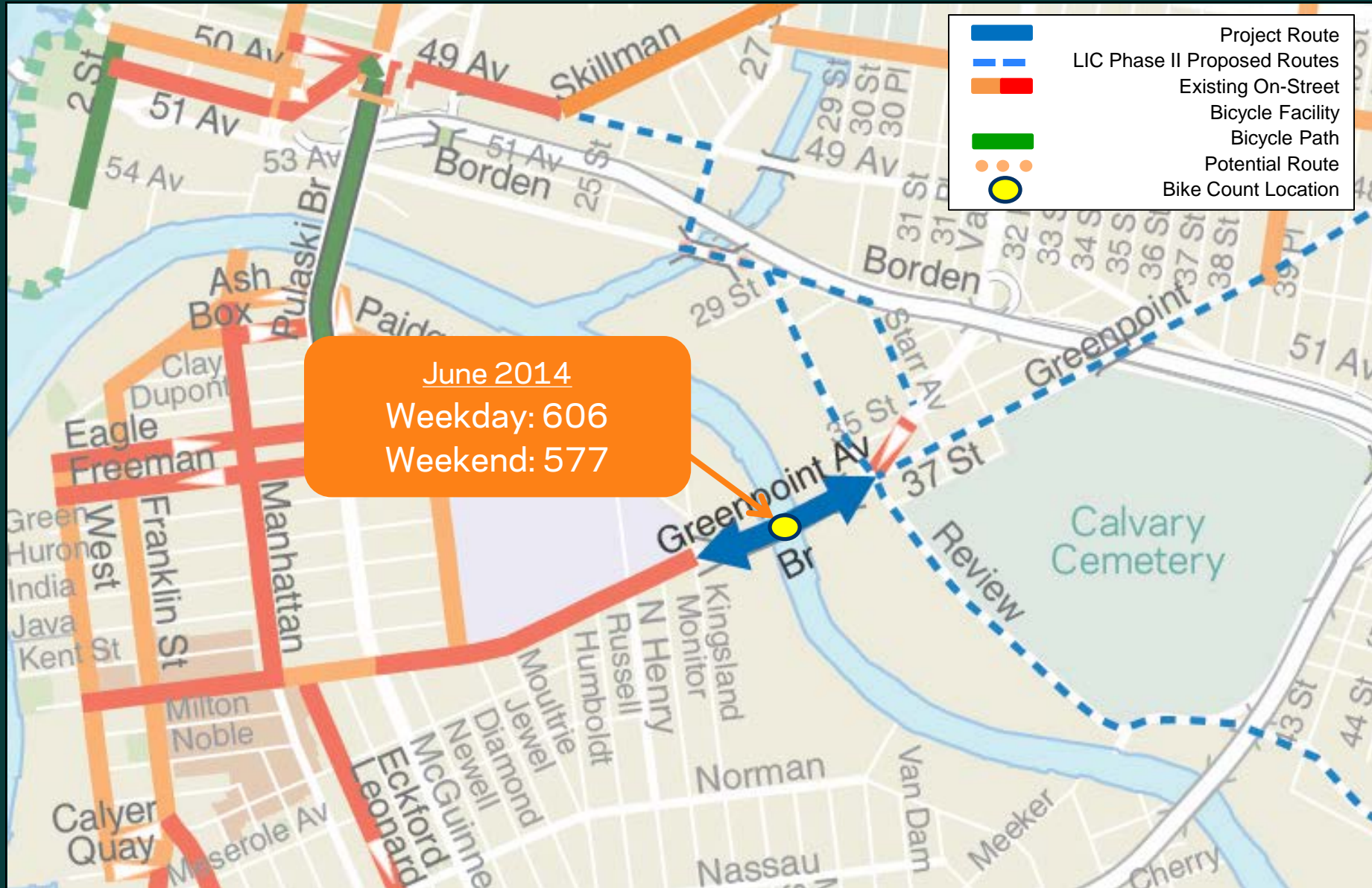
Two Travel Lanes

Two Travel Lanes

Median

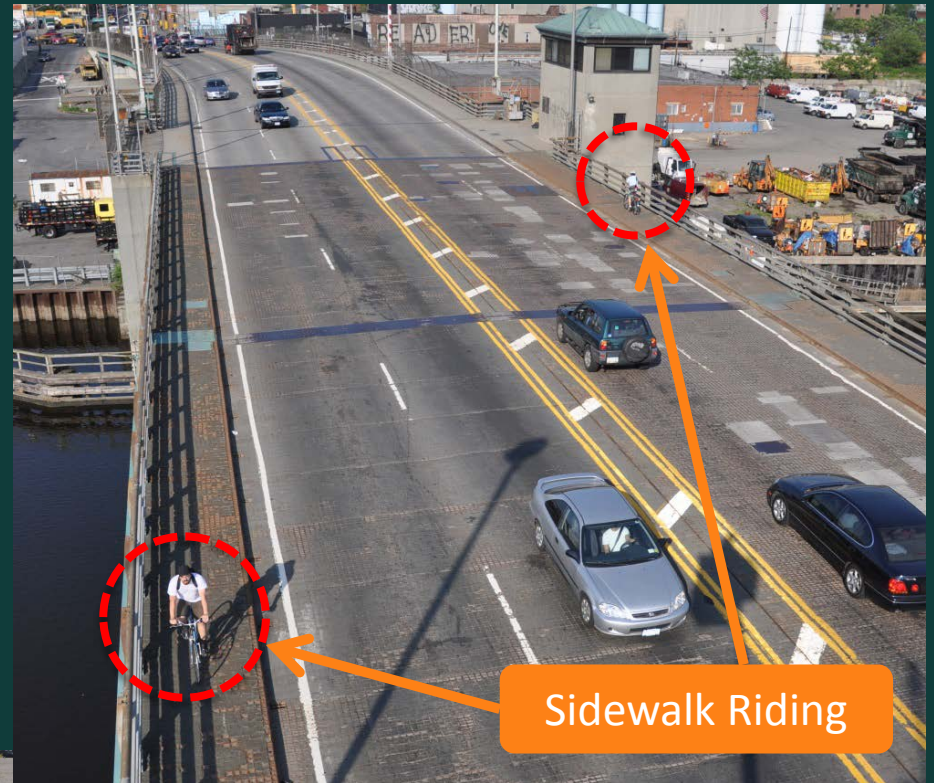
Between Review Av and Kingsland St

14-Hour Bicycle Volumes



Existing Conditions

Bicycle Riders Stop and Dismount
Walk Bike

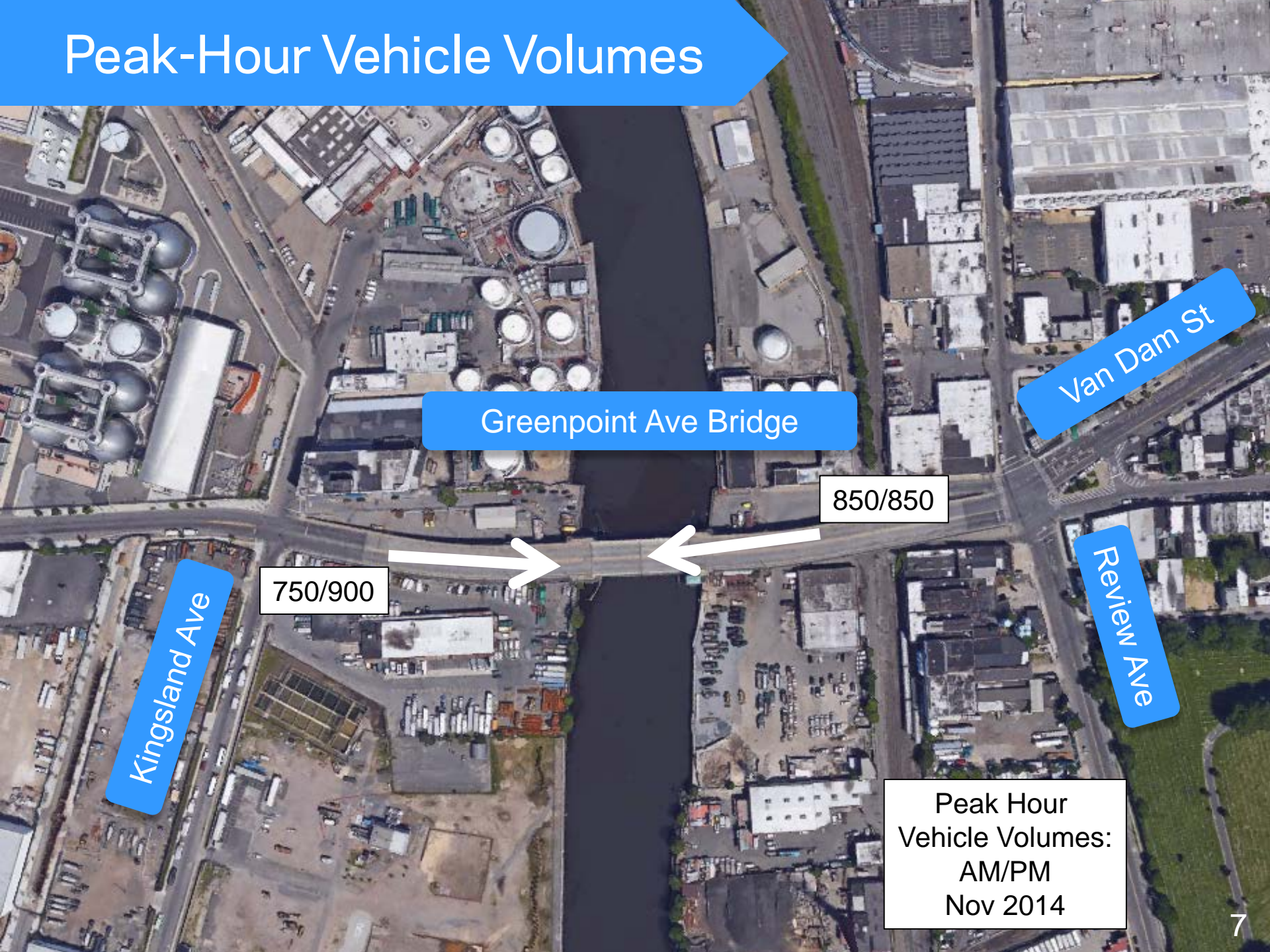


Sidewalk Riding



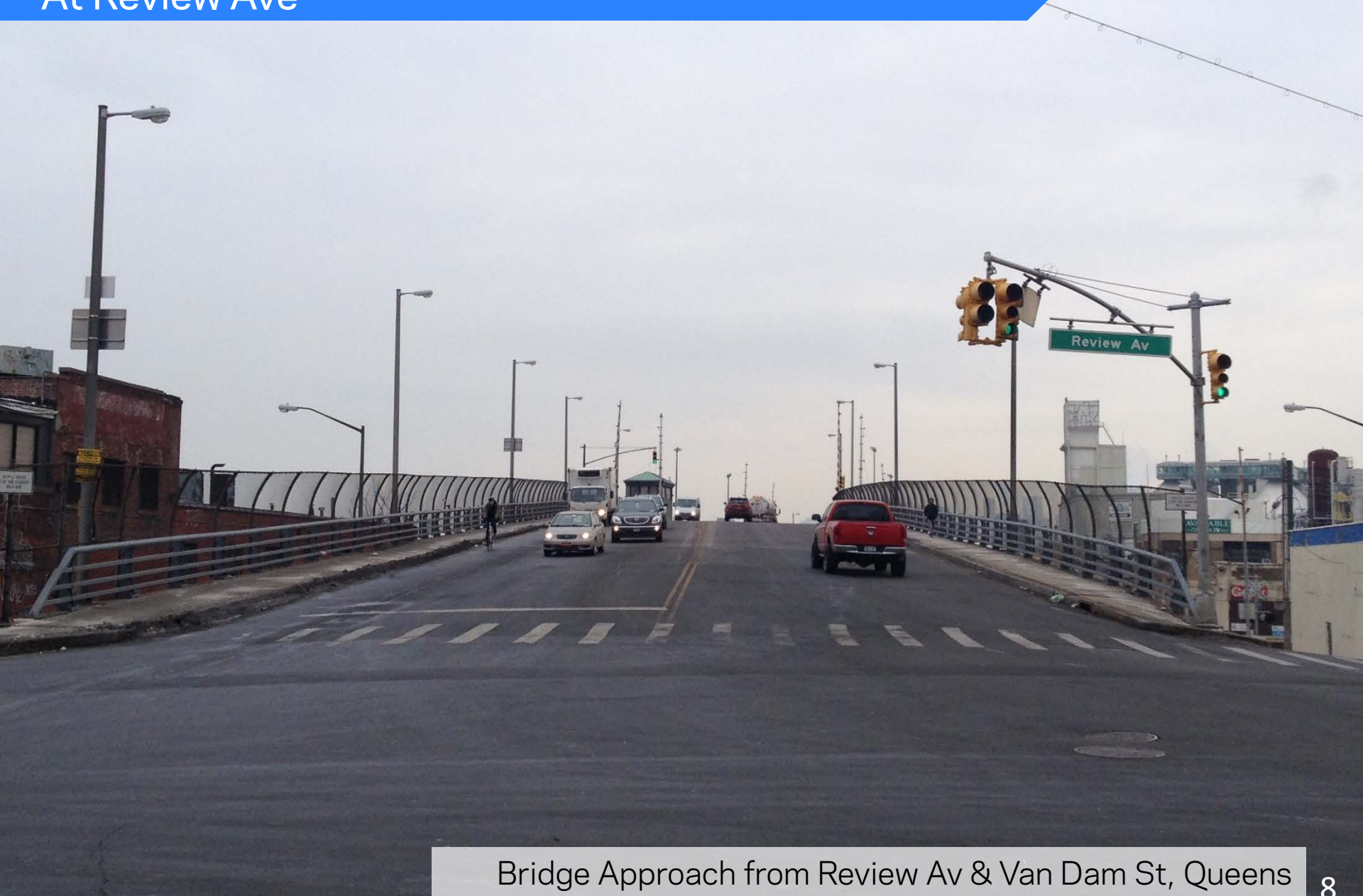
Sidewalk Conflicts

Peak-Hour Vehicle Volumes



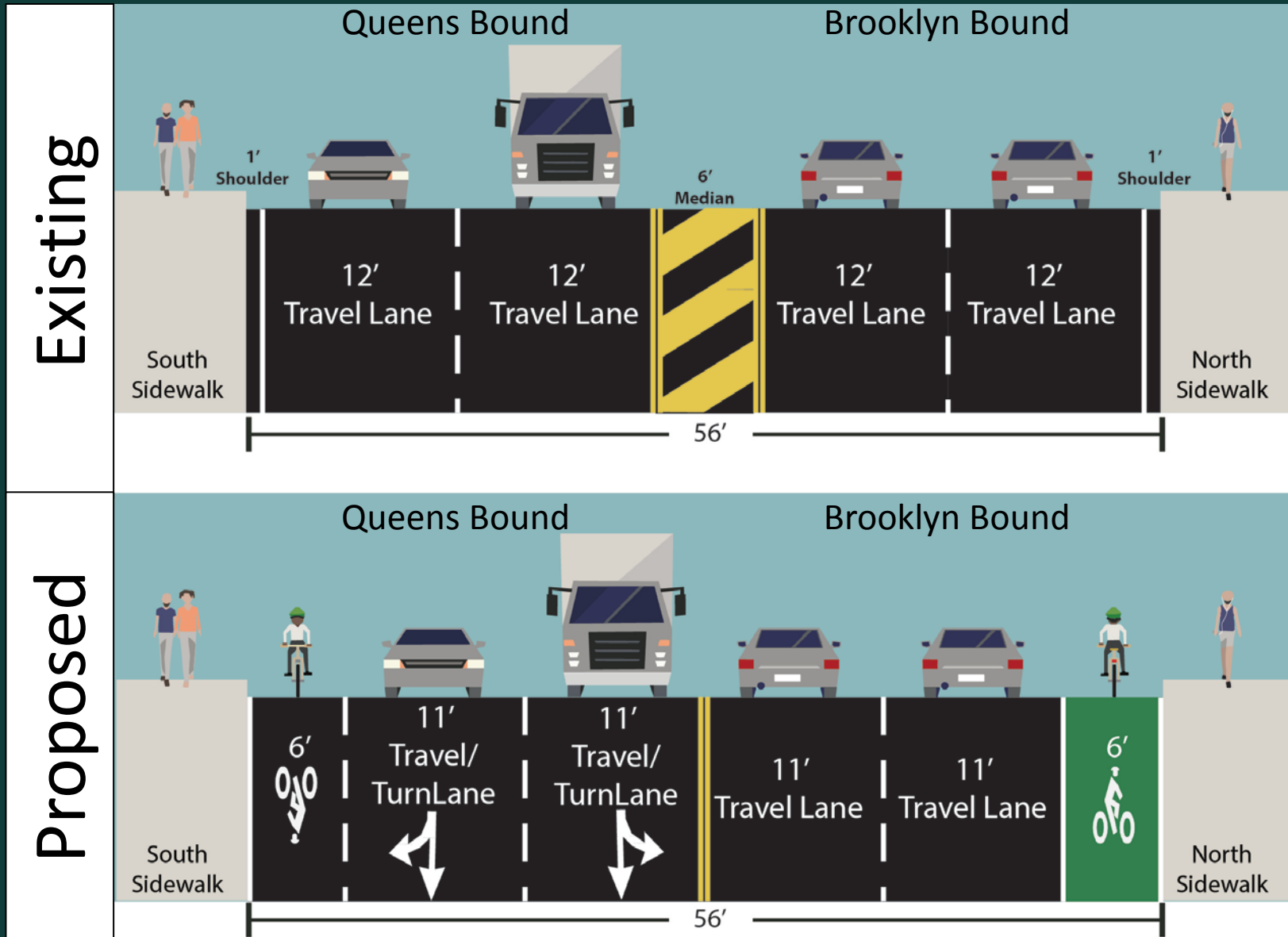
Existing Conditions – Queens Side

At Review Ave

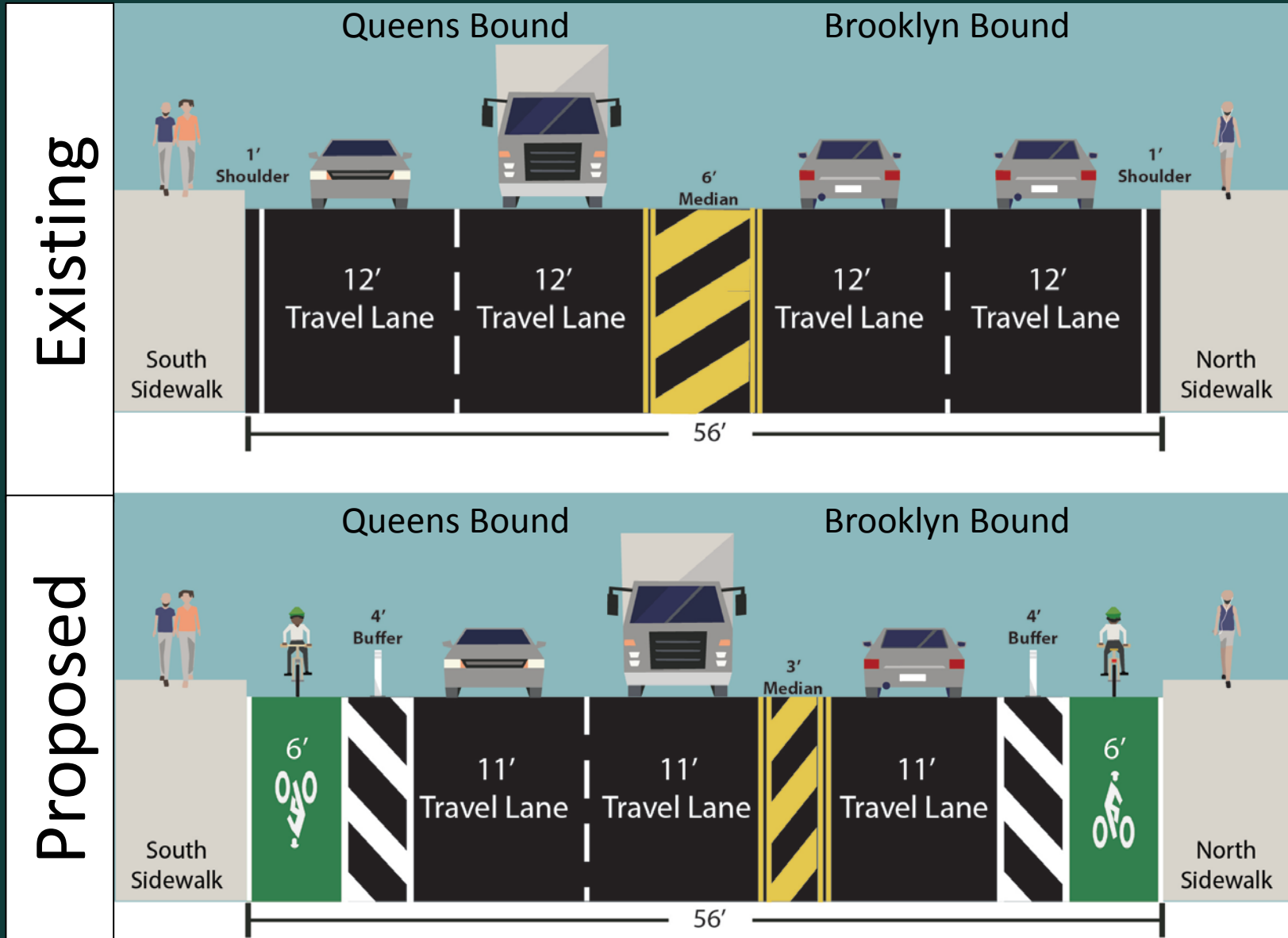


Proposed Design – Queens Side

At Review Ave



Proposed Design – Mid-Bridge Span



Existing Conditions – Brooklyn Side

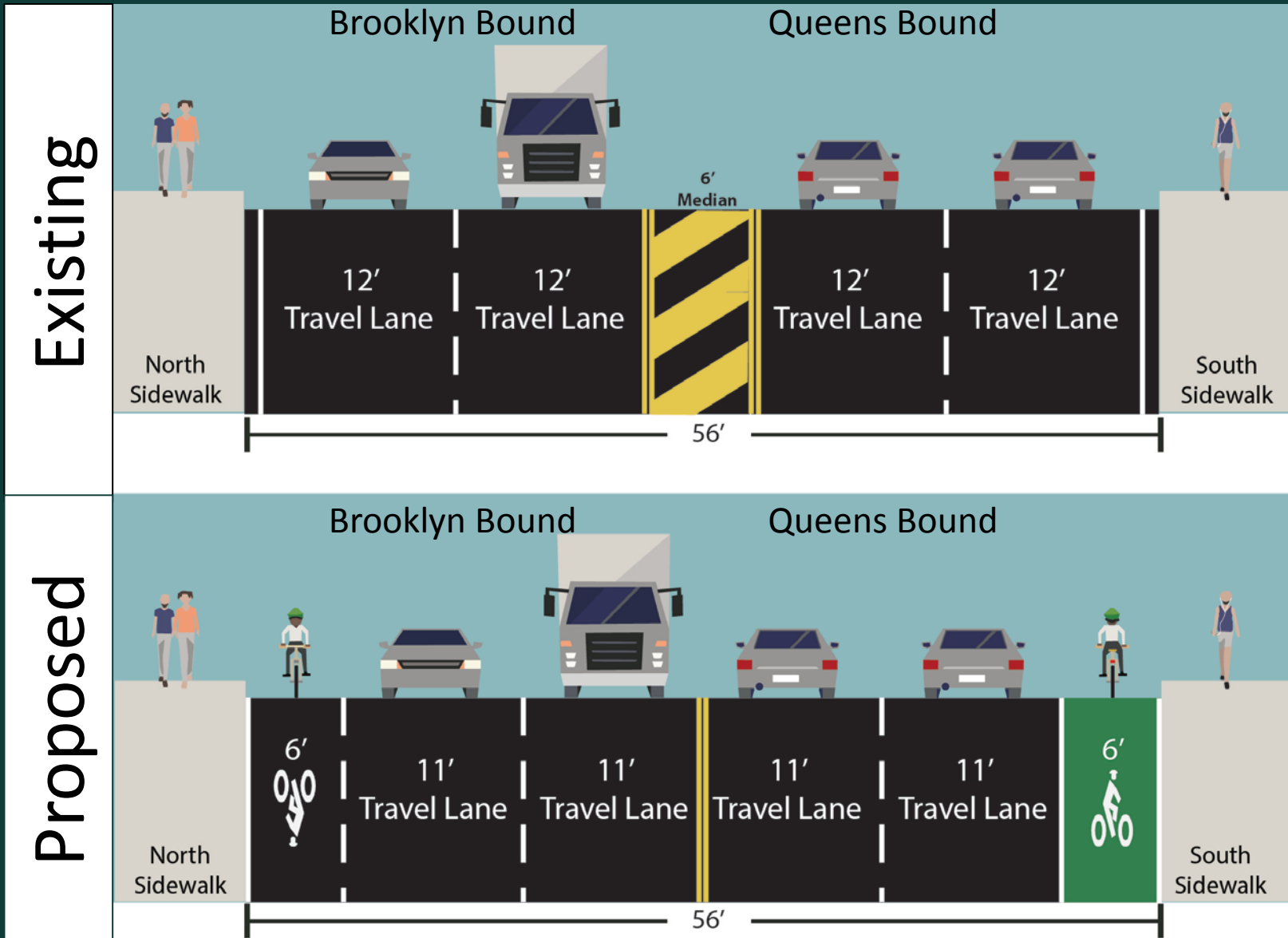
At Kingsland Ave



Bridge Approach from Kingsland Ave, Brooklyn

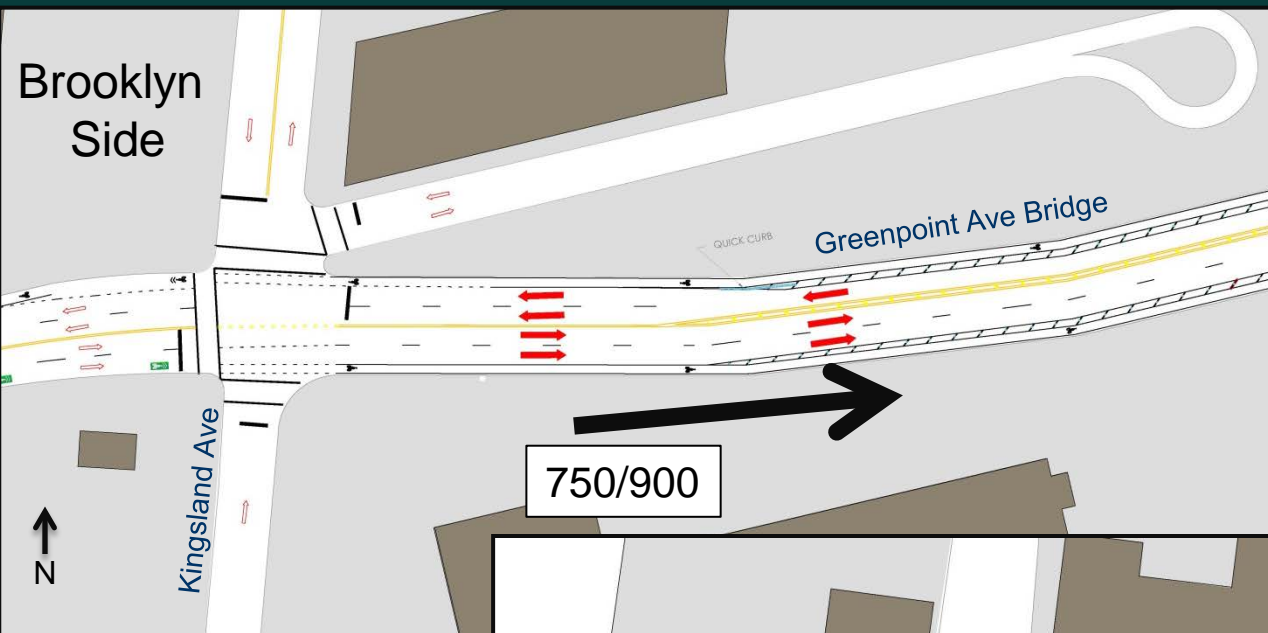
Proposed Design – Brooklyn Side

At Kingsland Ave



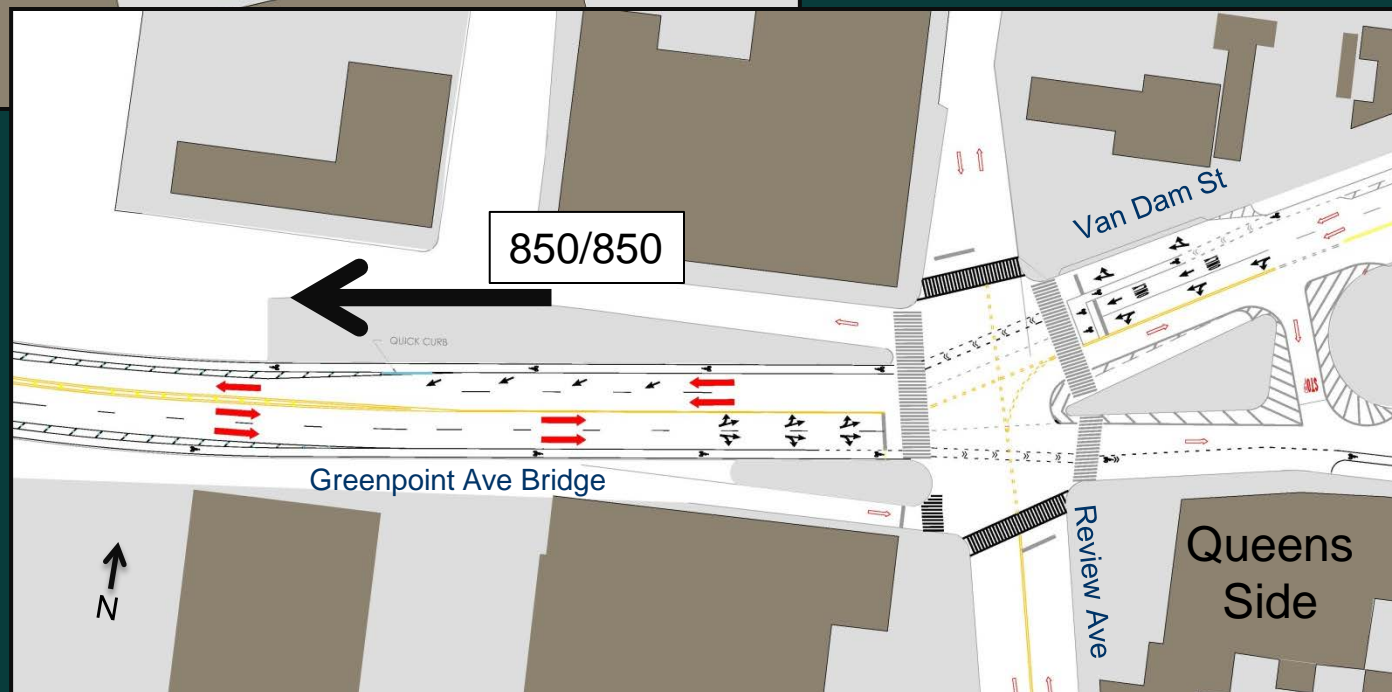
Draft Design

With Peak-Hour Vehicle Volumes



Draft Design
03.17.2015

Peak Hour
Vehicle Volumes:
AM/PM
Nov 2014



Proposed Design



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

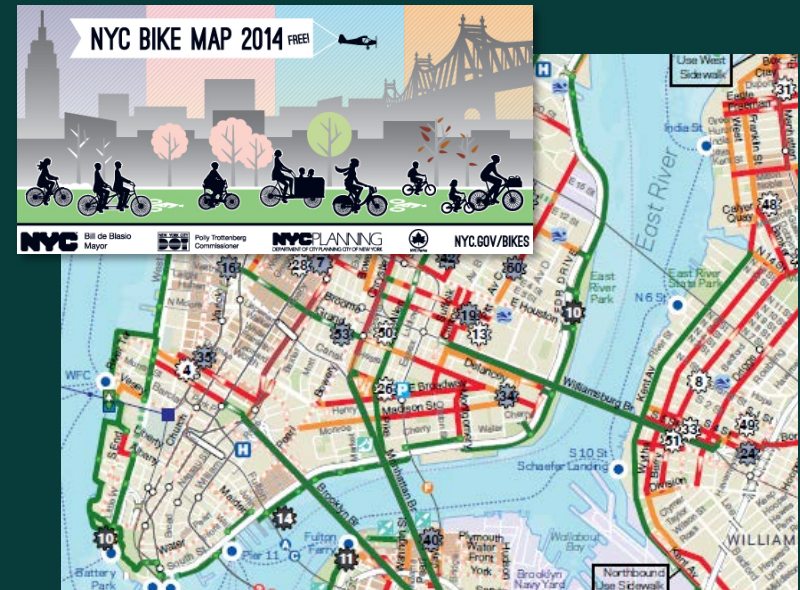
- 375,000 Maps Distributed Annually
 - Available at:
 - Bike Shops
 - Libraries
 - 311
- Maps have rules and tips printed on them

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

