

31st Ave

Bicycle Route and Pedestrian Safety Improvements

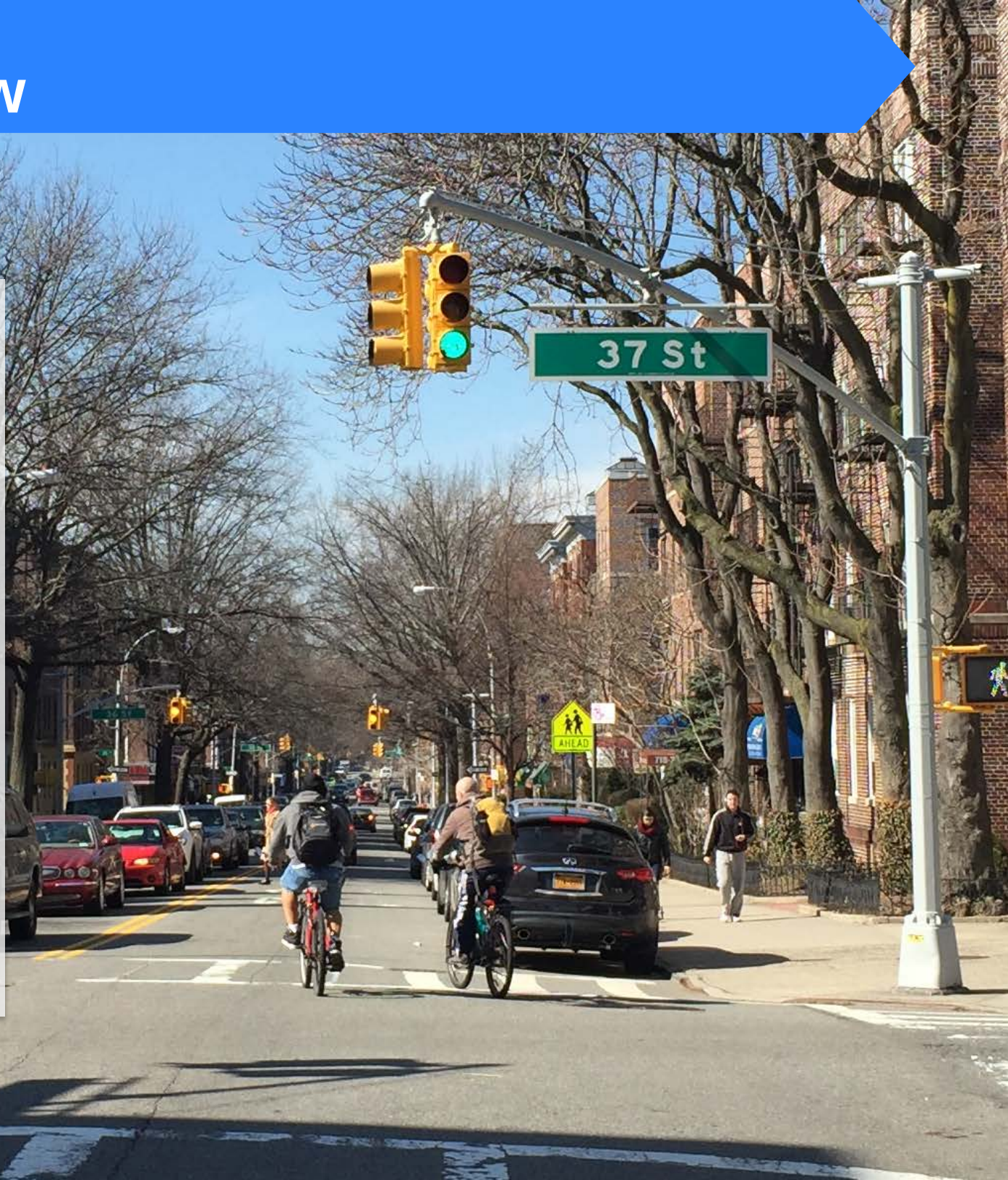
2016



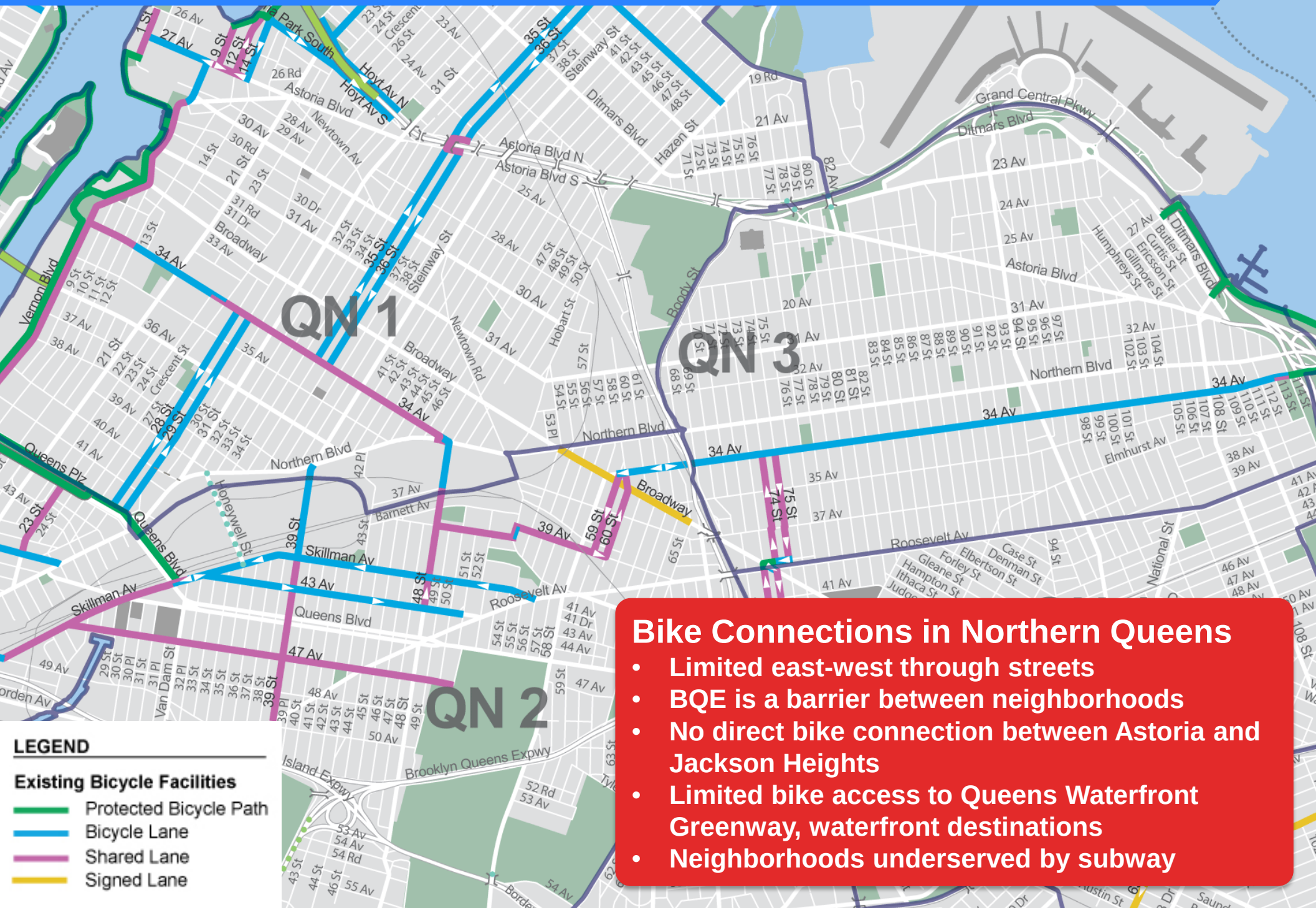
Project Overview

AGENDA

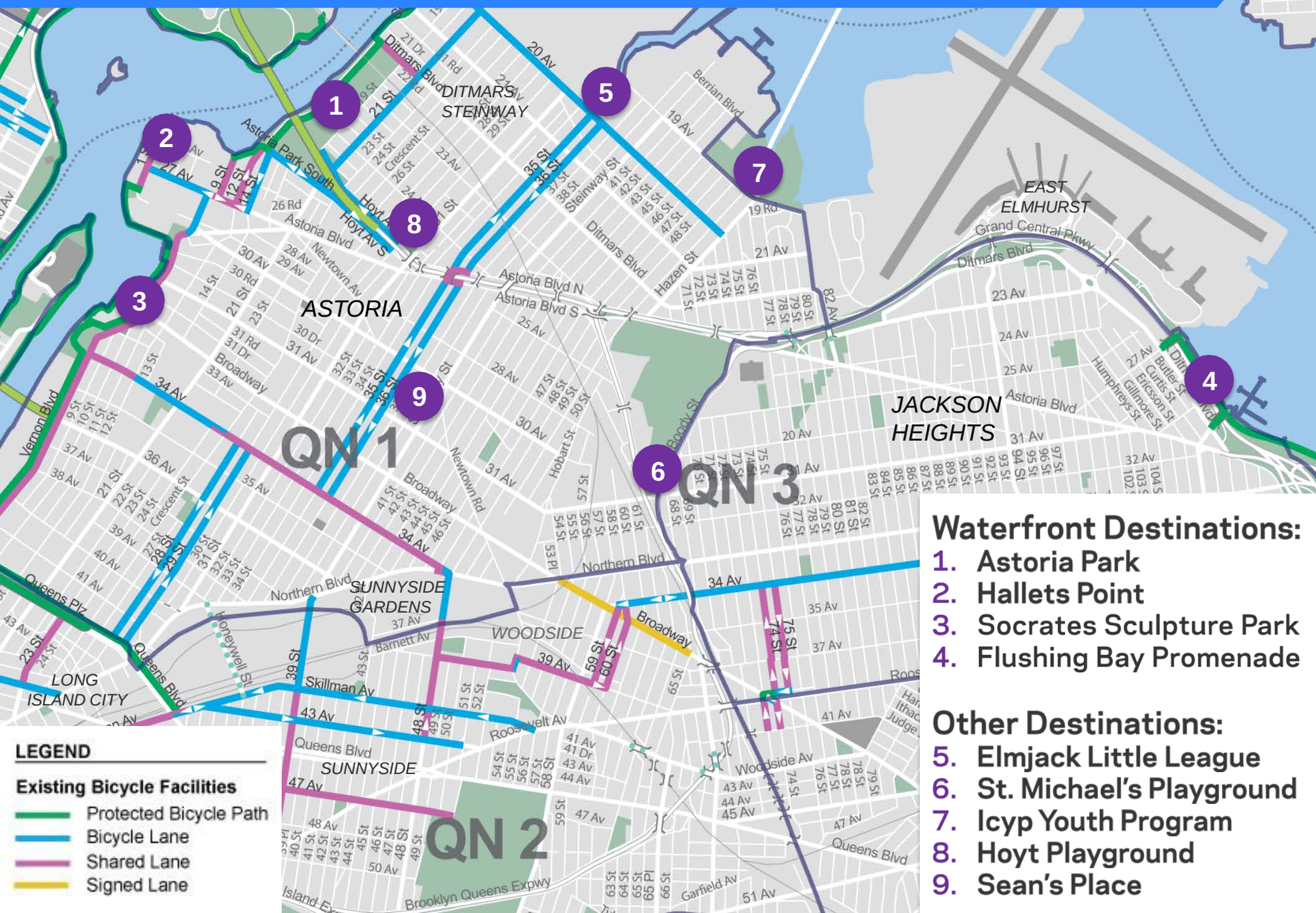
- **Project Overview**
 - Context and Issues
 - Destinations
 - Bicycle Volumes
- **Proposed Project**
 - Project Area
 - Existing Conditions
 - Issues
 - Proposed Design
 - Focus Area
 - Summary of Proposal
- **Questions**



Context and Issues



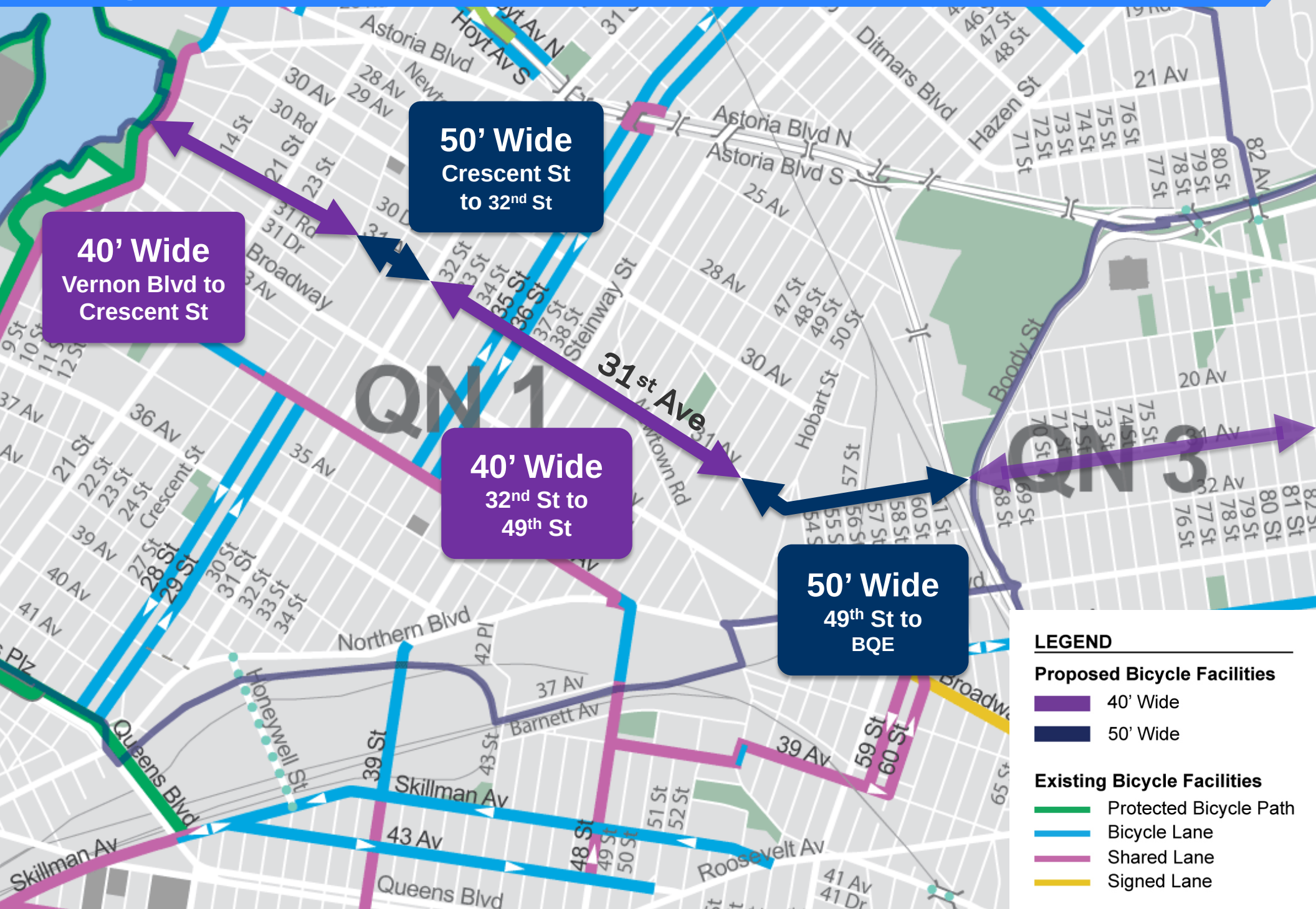
31st Ave Destinations



31st Ave Bicycle Volume



Project Area and Street Widths



31st Ave (Vernon Blvd to Crescent St, 31st St to 49th St)

40' Wide Sections - Existing Conditions

- Mixed-use (residential, commercial)
- 2-way street
- Curbside parking

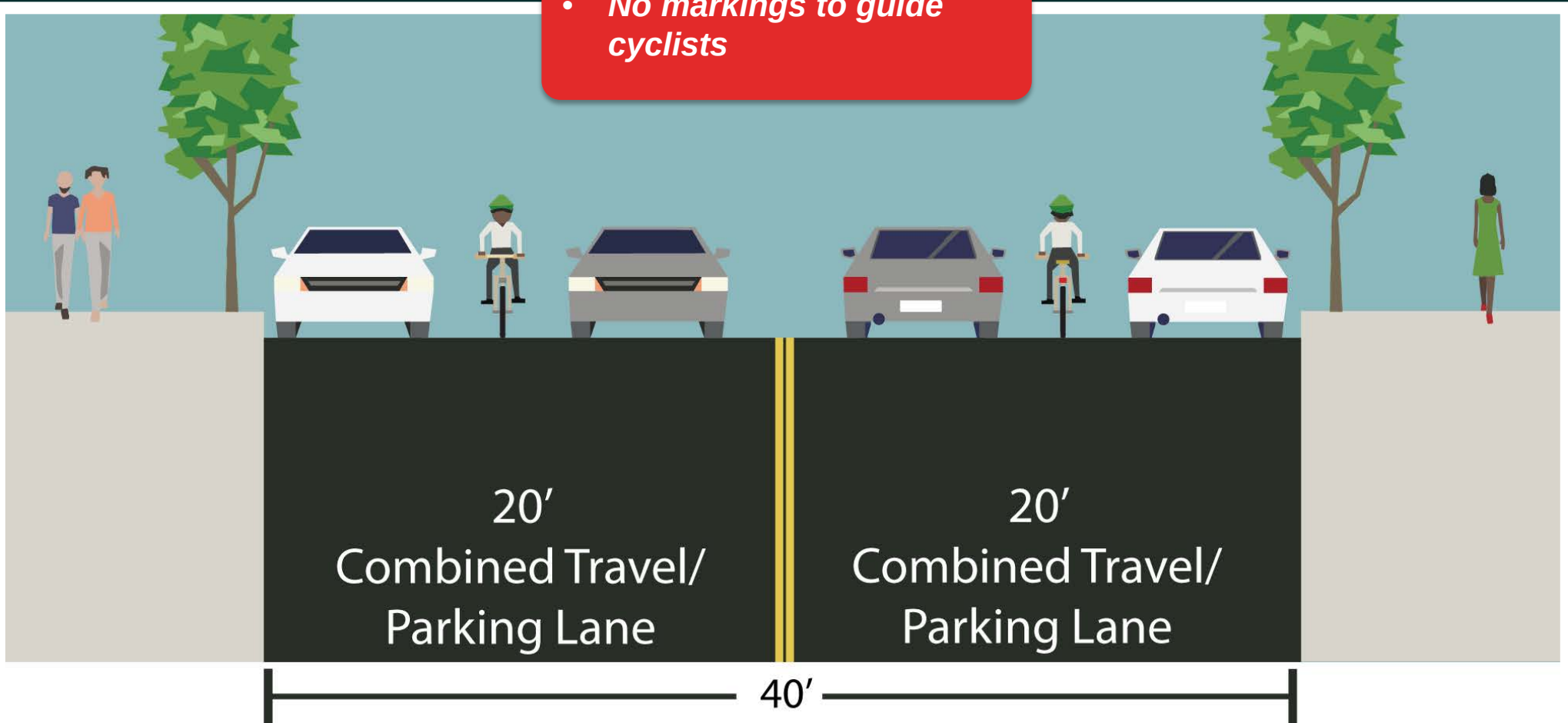


31st Ave at 35th St, QN

40' Wide Sections - Issues

Lack of Bike Markings

- *No indication to drivers to look for cyclists*
- *No markings to guide cyclists*

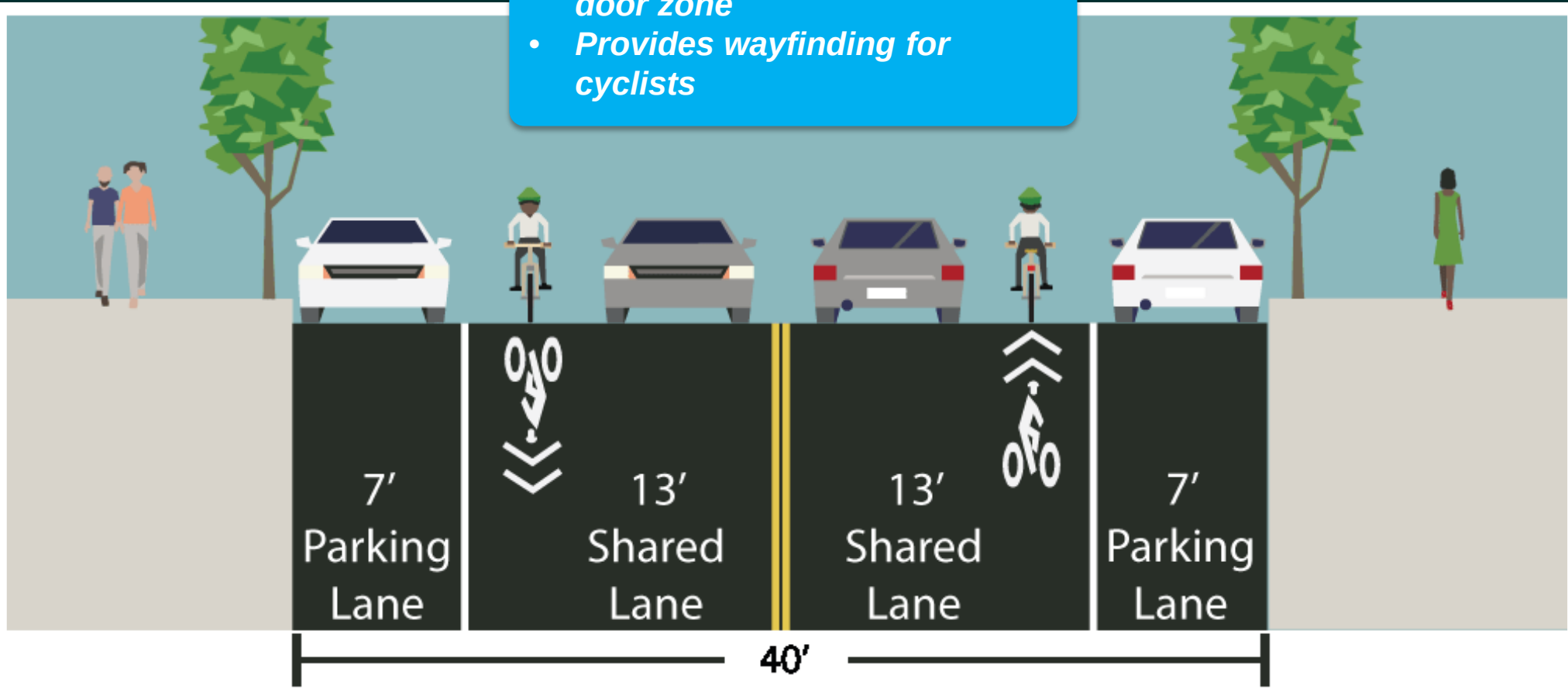


31st Ave (Vernon Blvd to Crescent St, 31st St to 49th St)

40' Wide Sections - Proposed Design

Shared Lane Markings

- Alerts drivers to the presence of cyclists
- Guides cyclists away from door zone
- Provides wayfinding for cyclists



31st Ave (Vernon Blvd to Crescent St, 31st St to 49th St)

40' Wide Sections - Example of Proposed Design



©NYC DOT

Mother Gaston Blvd, BK

31st Ave (Crescent St to 31st St, 49th St to BQE)

50' Wide Sections - Existing Conditions

- Mixed-use (residential, commercial)
- 2-way street
- Curbside parking



31st Ave at 61st St, QN

31st Ave (Crescent St to 31st St, 49th St to BQE)

50' Wide Sections - Issues

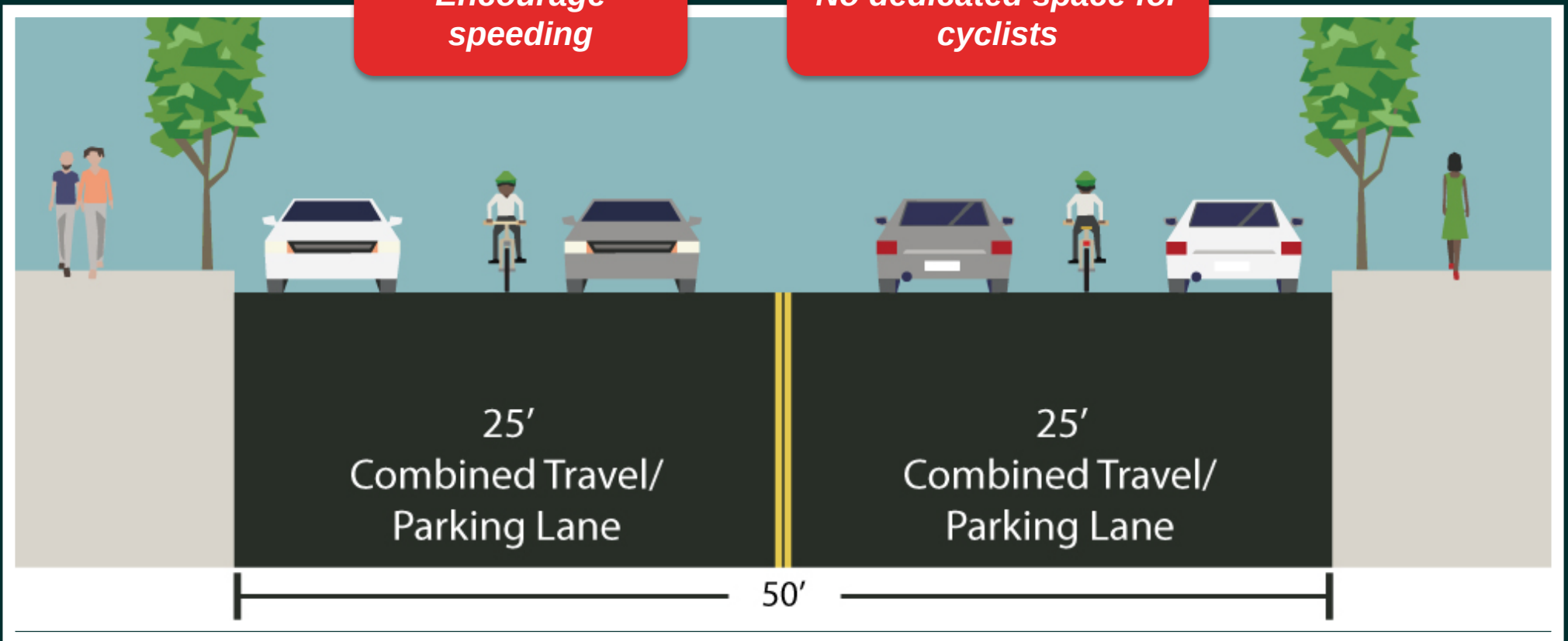
**Wide Travel
Lanes**
*Encourage
speeding*

**Lack of Bike
Markings**
*No dedicated space for
cyclists*

25'
Combined Travel/
Parking Lane

25'
Combined Travel/
Parking Lane

50'



31st Ave (Crescent St to 31st St, 49th St to BQE)

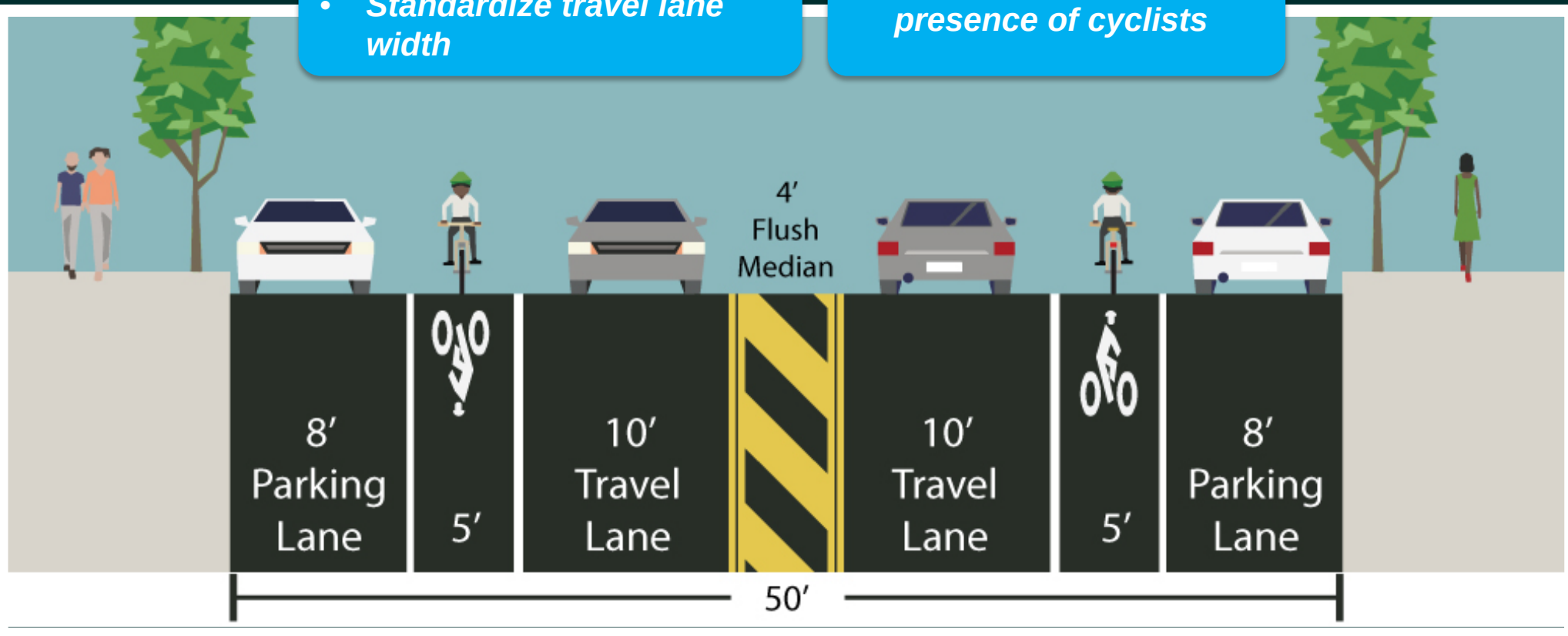
50' Wide Sections - Proposed Design

Markings + Flush Median

- *Organize and guide roadway users*
- *Standardize travel lane width*

Bike Lanes

- *Provide dedicated space for cyclists*
- *Alert drivers to the presence of cyclists*



31st Ave (Crescent St to 31st St, 49th St to BQE)

50' Wide Sections - Example of Proposed Design



Ocean Ave, BK

Pedestrian Enhancements



High Visibility Crosswalks

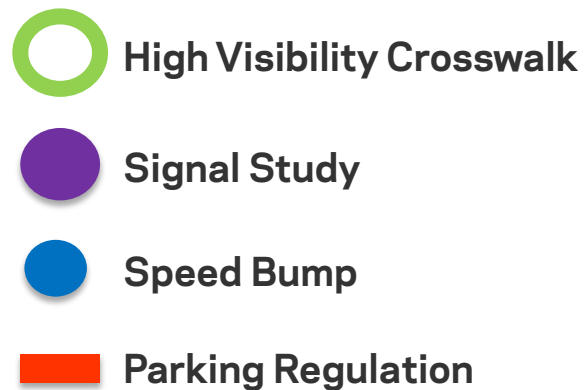
- *Safer crossing*
- *Increase visibility*

Markings

- *Organize roadway users*
- *Increase predictability of cyclists' location and movements*
- *Improve alignment, and visibility*

Focus Area: Proposed Enhancements

- Upgrade to High Visibility Crosswalk all controlled intersections
- Conduct signal study on 31st Ave at 49th St, and 55th St
- Explore speed bump on 57th St (in front of playground)
- Explore changing parking regulations:
 - Existing 2-hr to 1-hr on 31st Ave bet. 51st St and 54th St;
 - No Parking 8am-6pm (Except Sunday) to No Parking on 31st Ave between 57th St and 58th St)

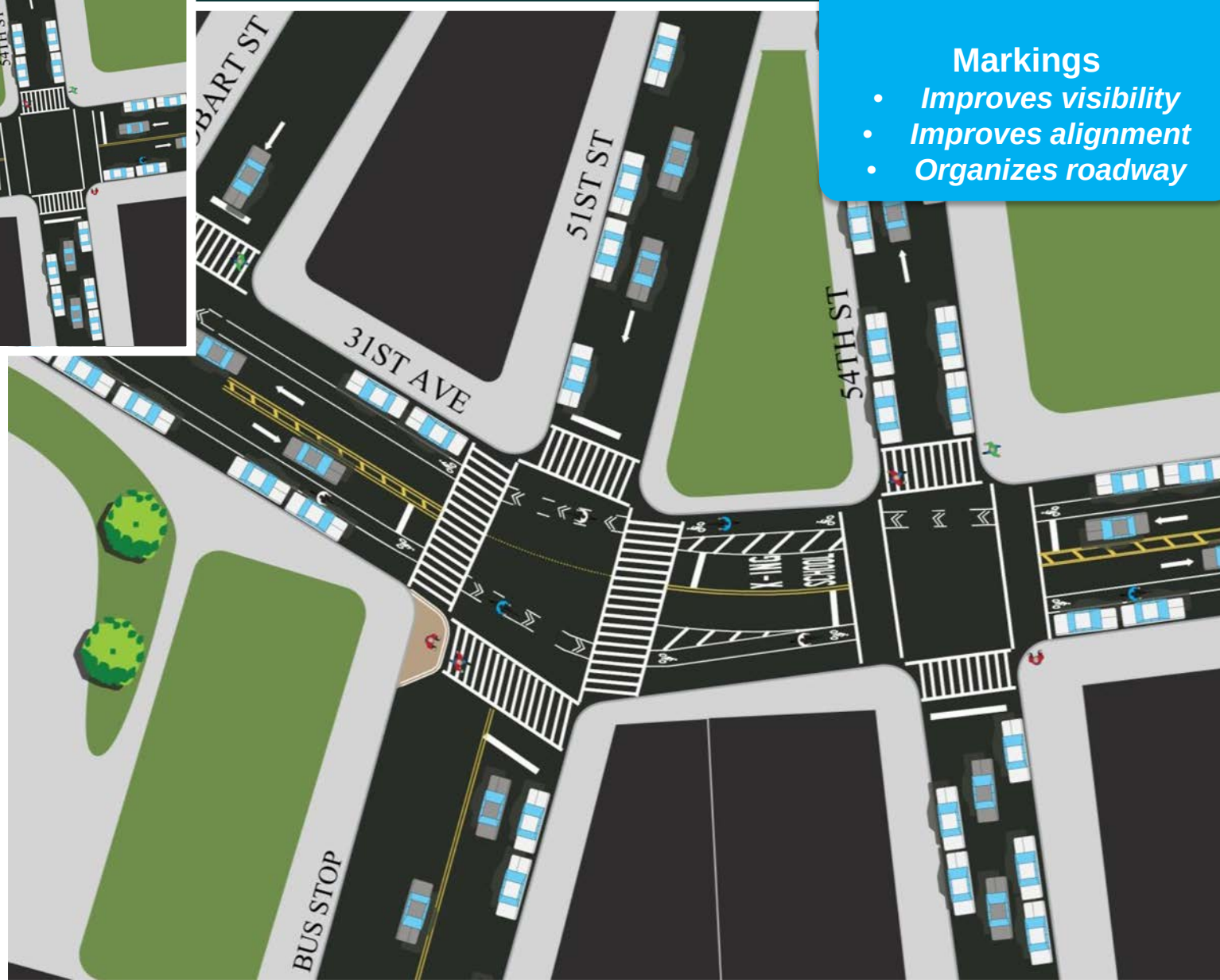


Proposed: 31st Ave at Hobart St/51st St



Existing Alignment
Reduced visibility due to alignment

Wide Travel Lanes
Encourages speeding



Curb Extension

- Safer/shorter crossing
- Improves alignment

Markings

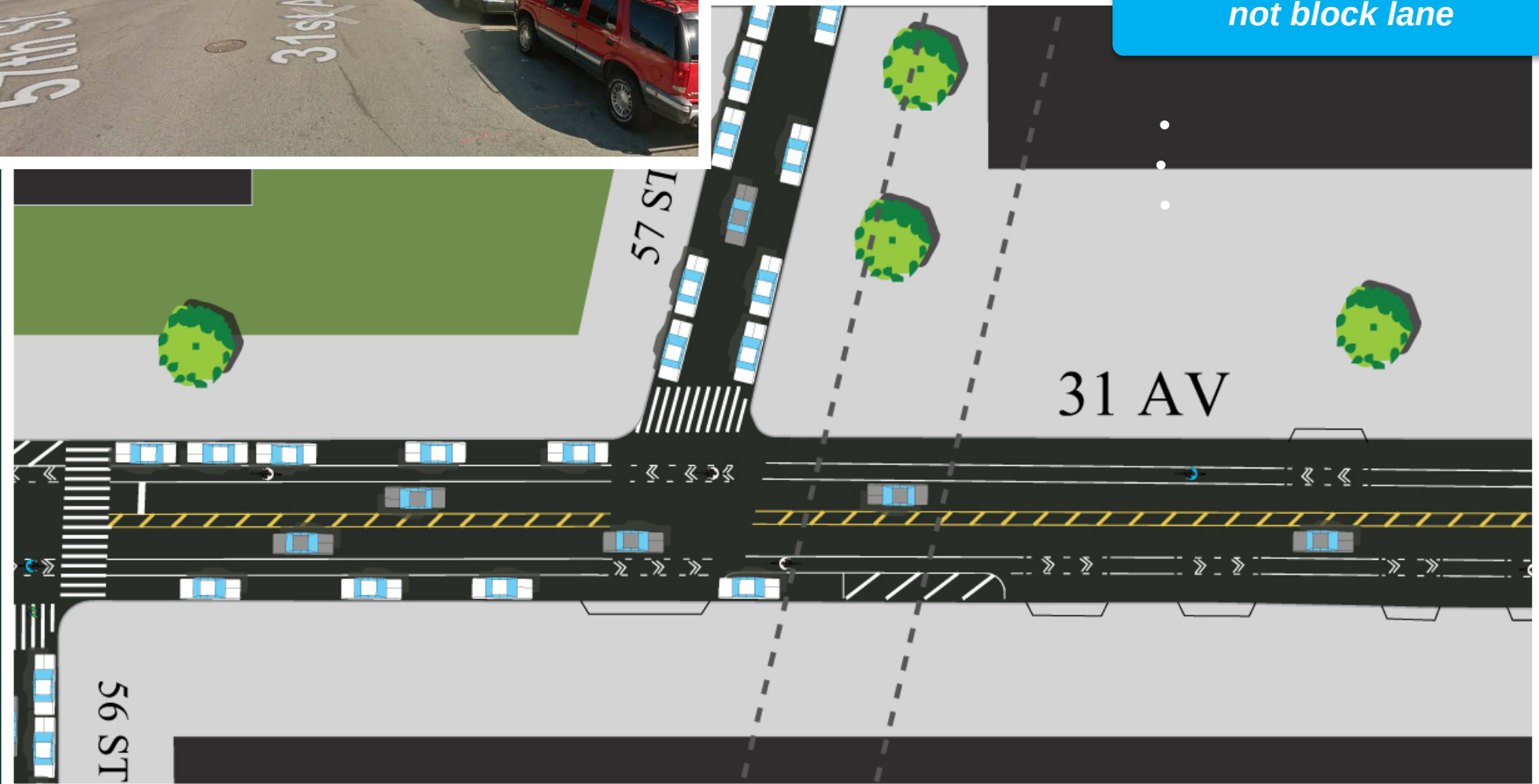
- Improves visibility
- Improves alignment
- Organizes roadway

31st Ave

Proposed: 31st Ave (57th St to 58th St)



Remove parking
under train tracks
*Where roadway narrows,
provide space so
dealership customers do
not block lane*



Safety Statistics: Nearby Similar Projects

DOT analyzed crash statistics for similar projects installed in CB 1 after 2007

Bike lane and shared lane projects in Community District 1:

- Vernon Blvd – 2008
- 35th St – 2008
- 28th/29th St – 2009
- 34th Ave – 2009
- Hoyt Ave – 2010

↓ 7.4%

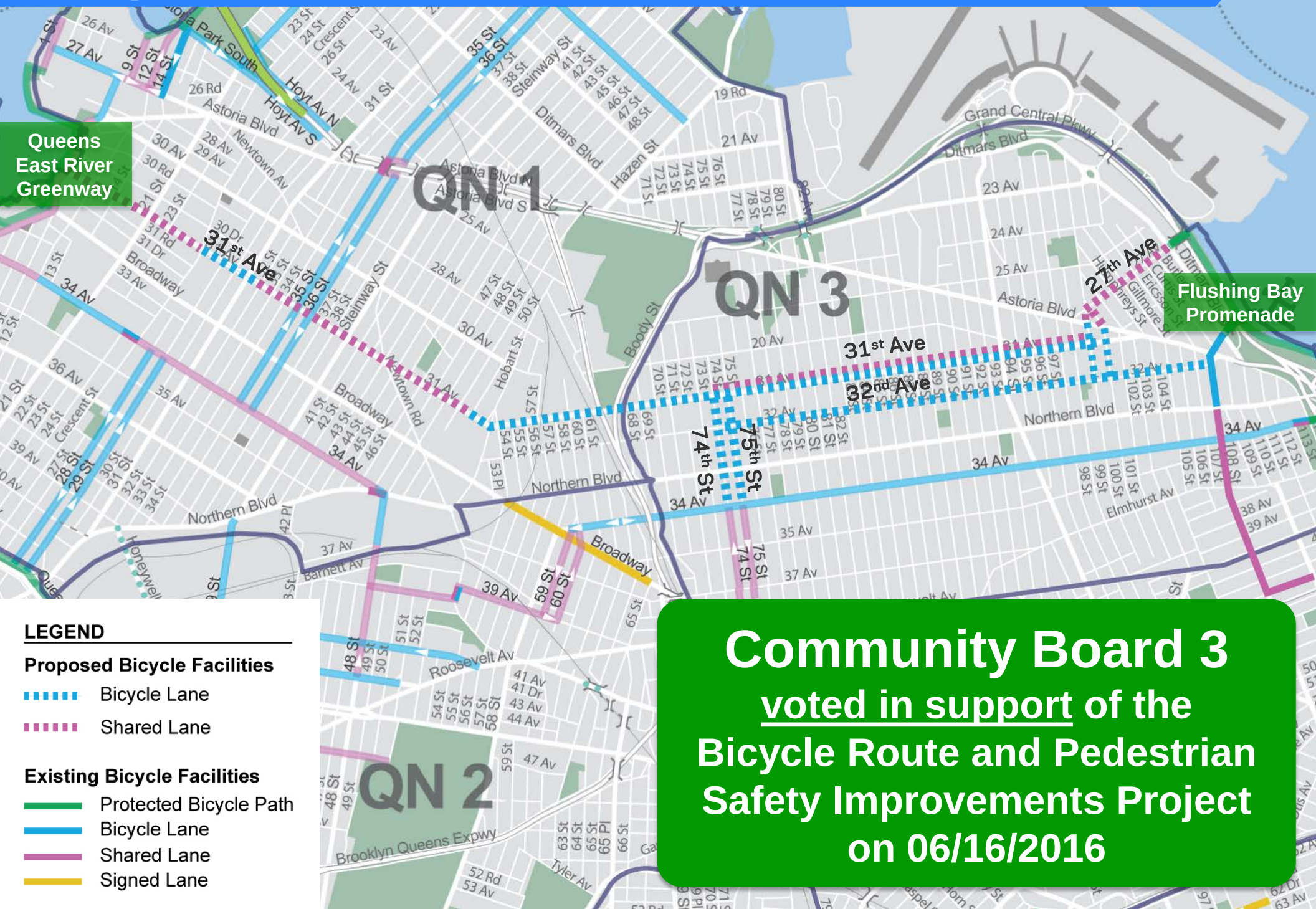
**Decline in
Total Injuries**

Source: NYPD AIS/TAMS Crash Database



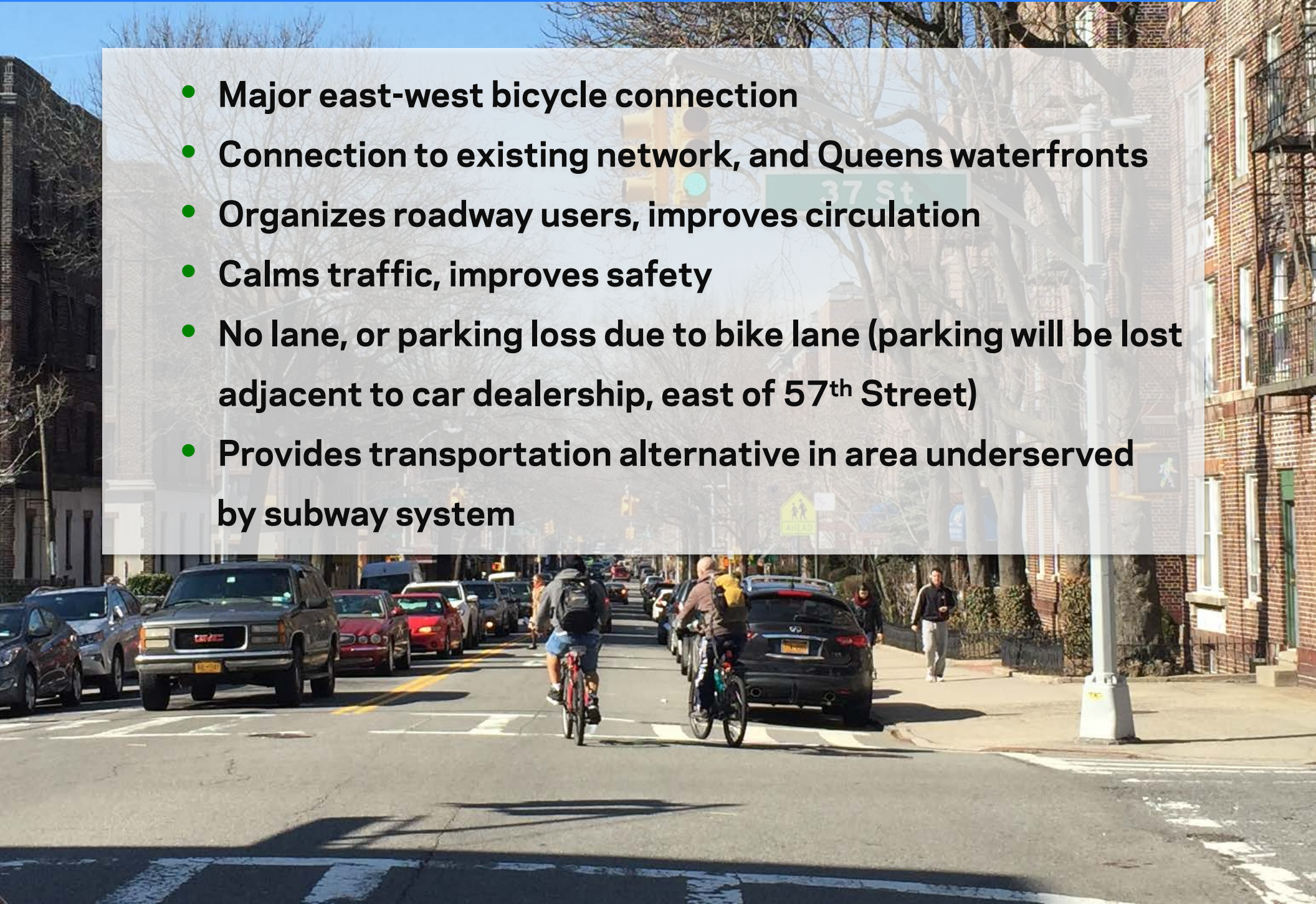
31st Ave

Proposed: Eastern Connections



Summary of Benefits

- Major east-west bicycle connection
- Connection to existing network, and Queens waterfronts
- Organizes roadway users, improves circulation
- Calms traffic, improves safety
- No lane, or parking loss due to bike lane (parking will be lost adjacent to car dealership, east of 57th Street)
- Provides transportation alternative in area underserved by subway system



Questions?

**Thank
You**