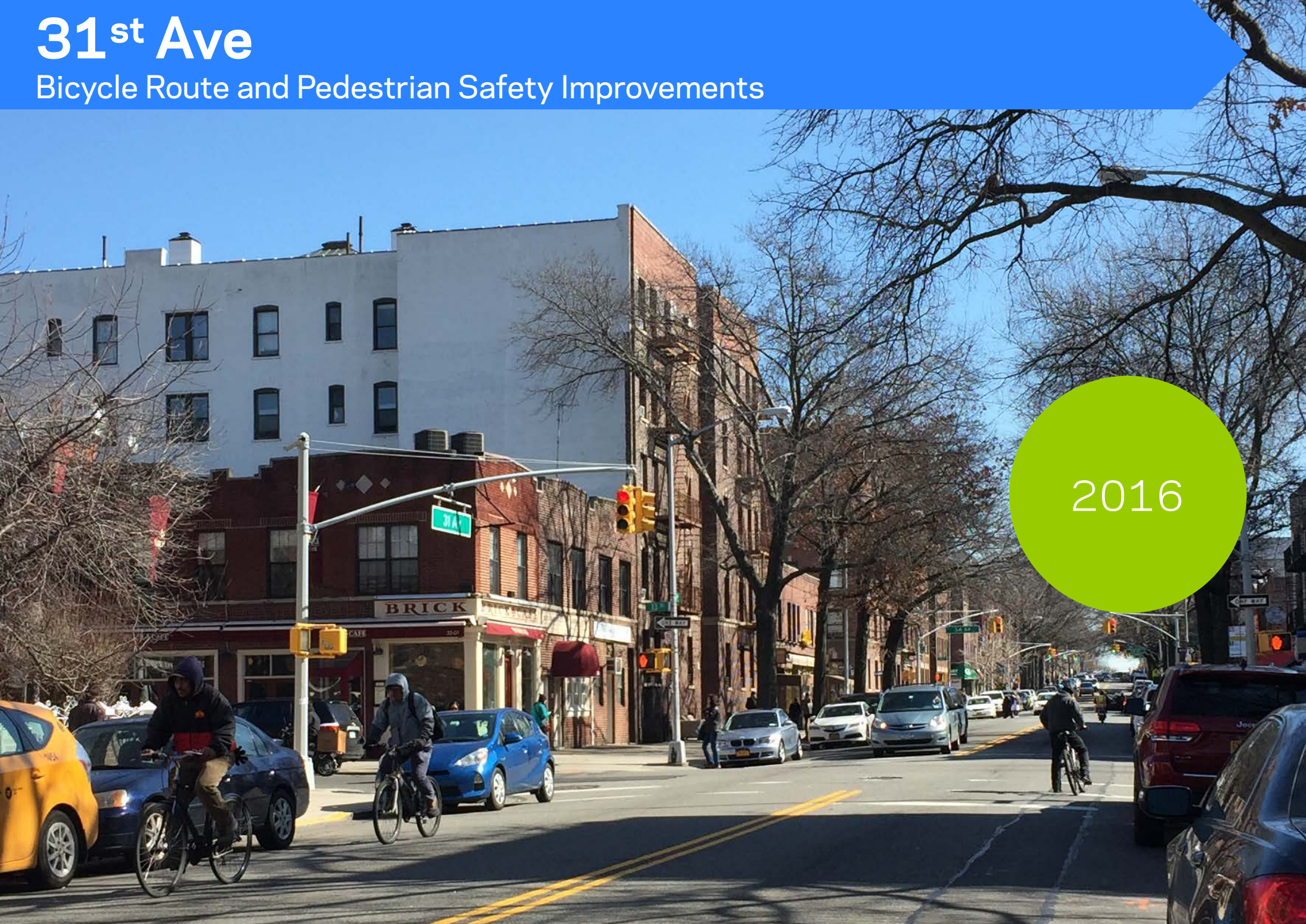


31st Ave

Bicycle Route and Pedestrian Safety Improvements

2016



31st Ave

Project Overview

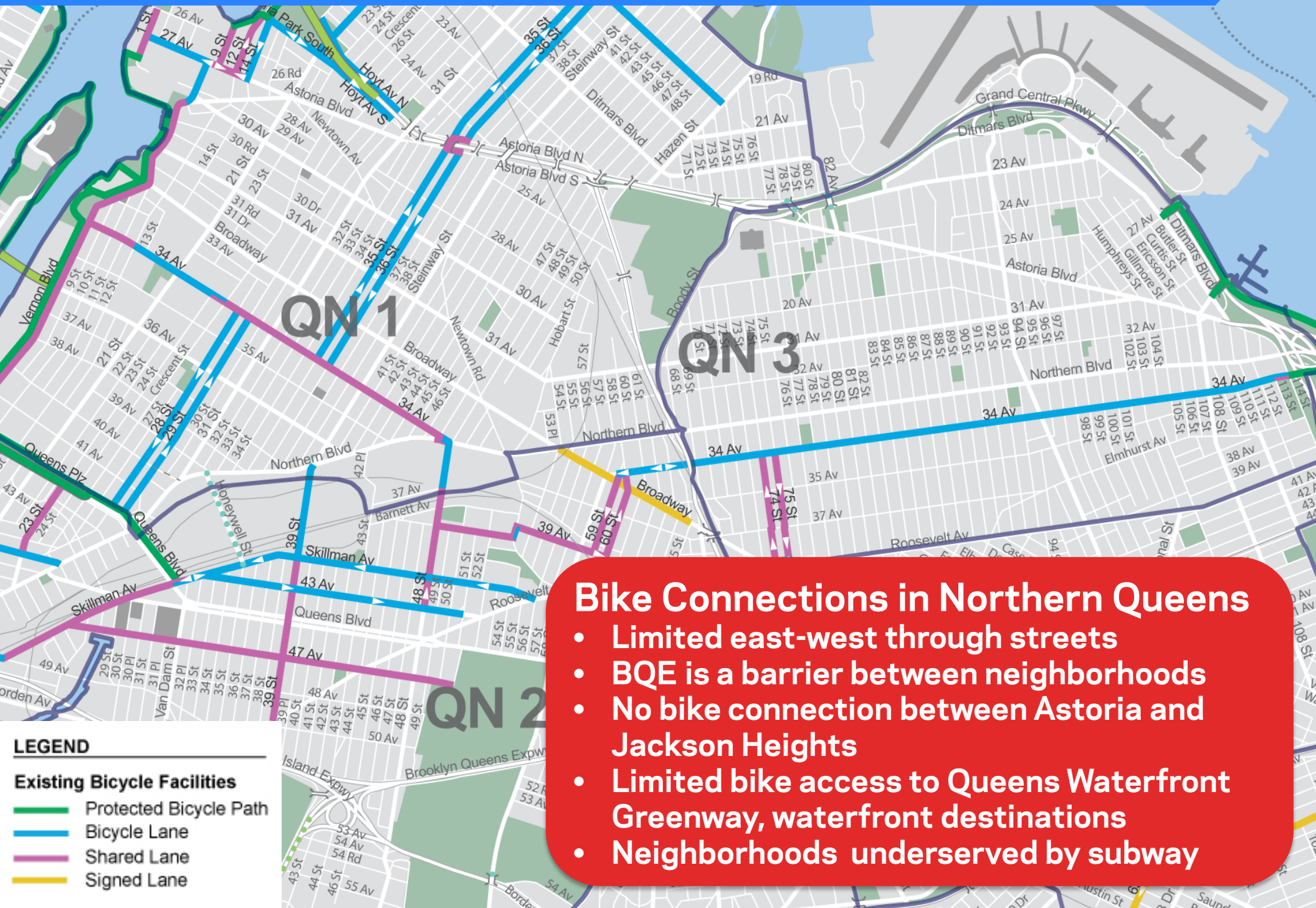
AGENDA

- Project Overview
- Proposed Project
 - Existing Conditions
 - Issues
 - Proposed Design
- Summary of Proposal
- Questions



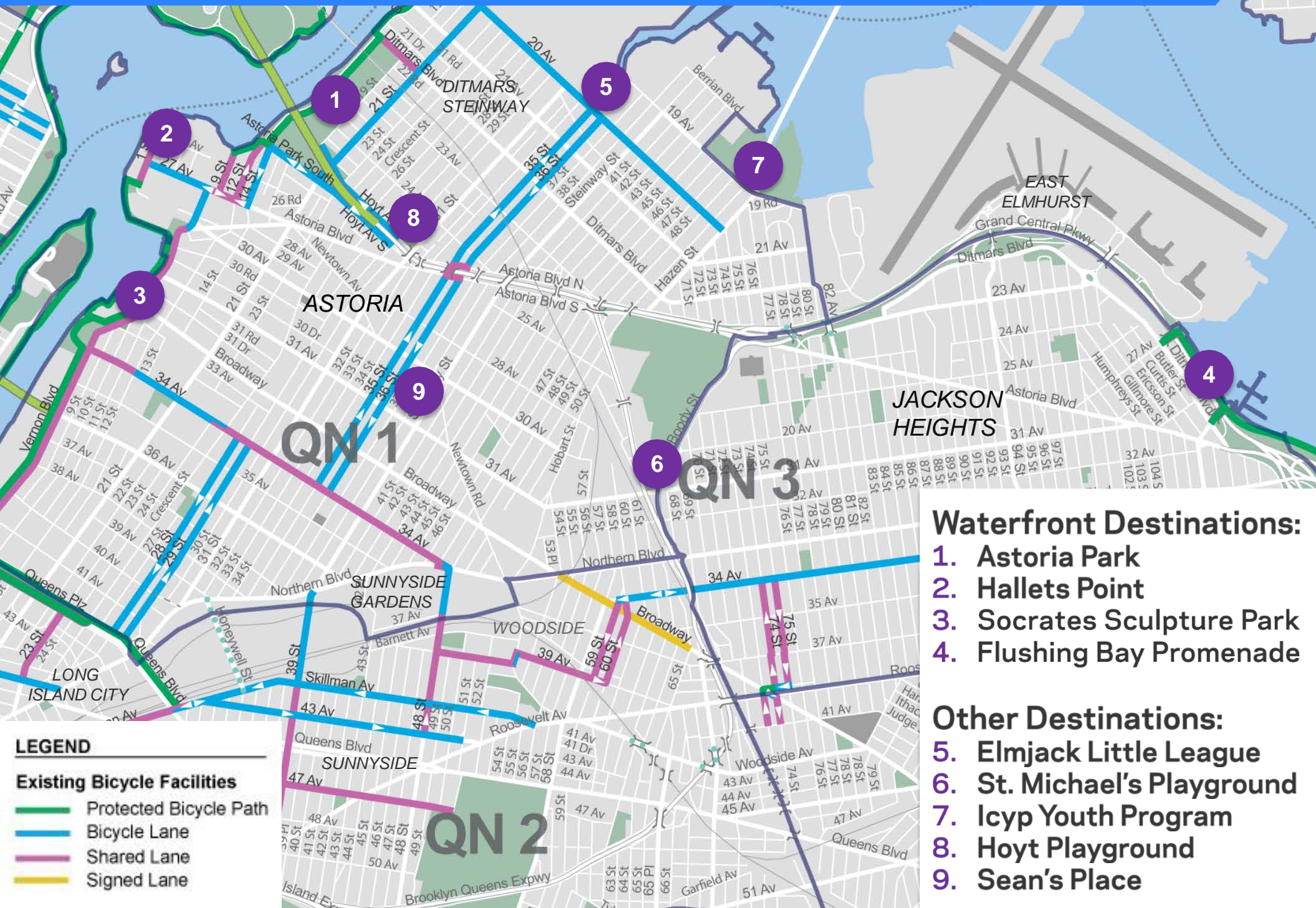
31st Ave

Project Overview: Context and Issues



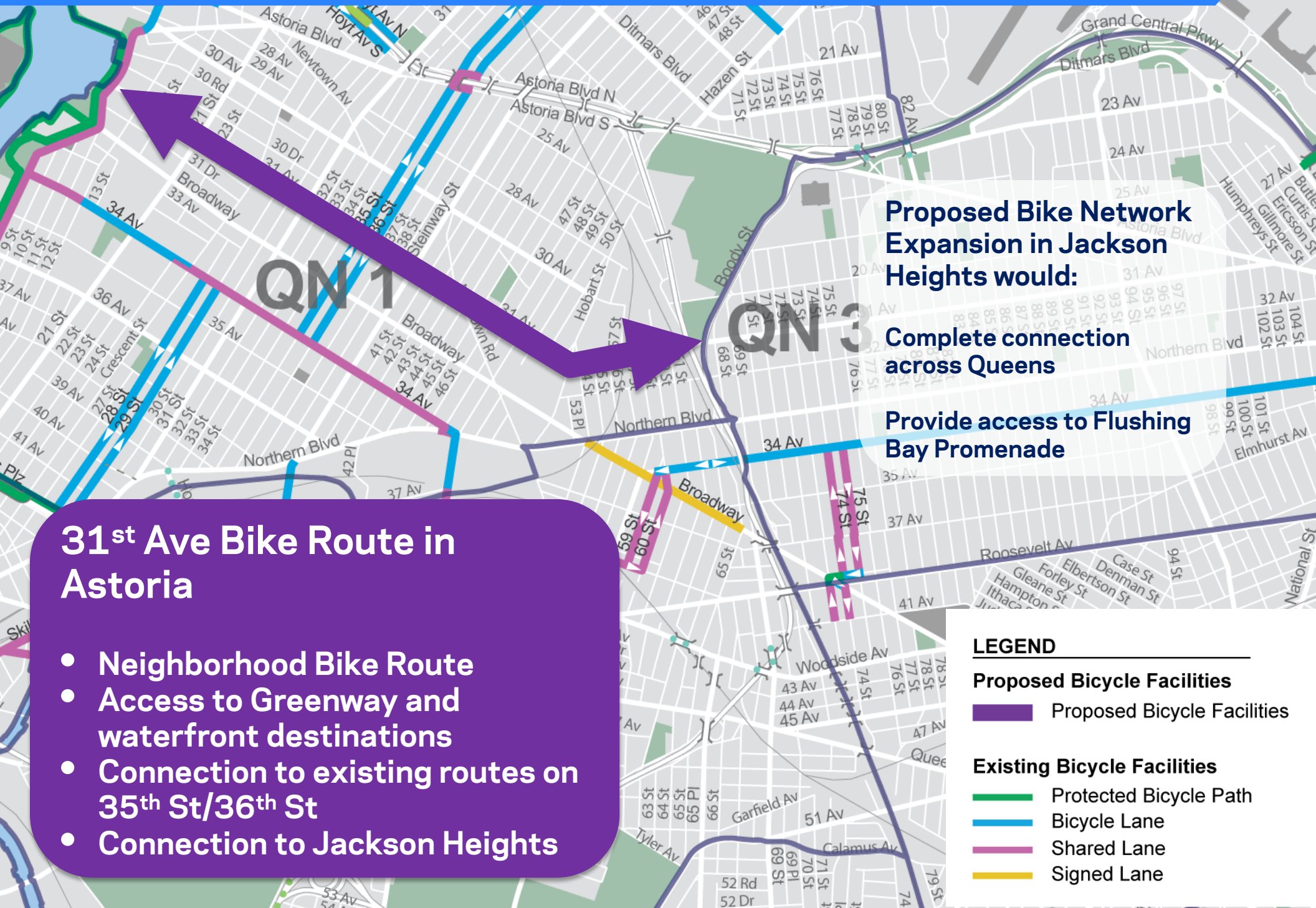
31st Ave

Project Overview: Context and Issues



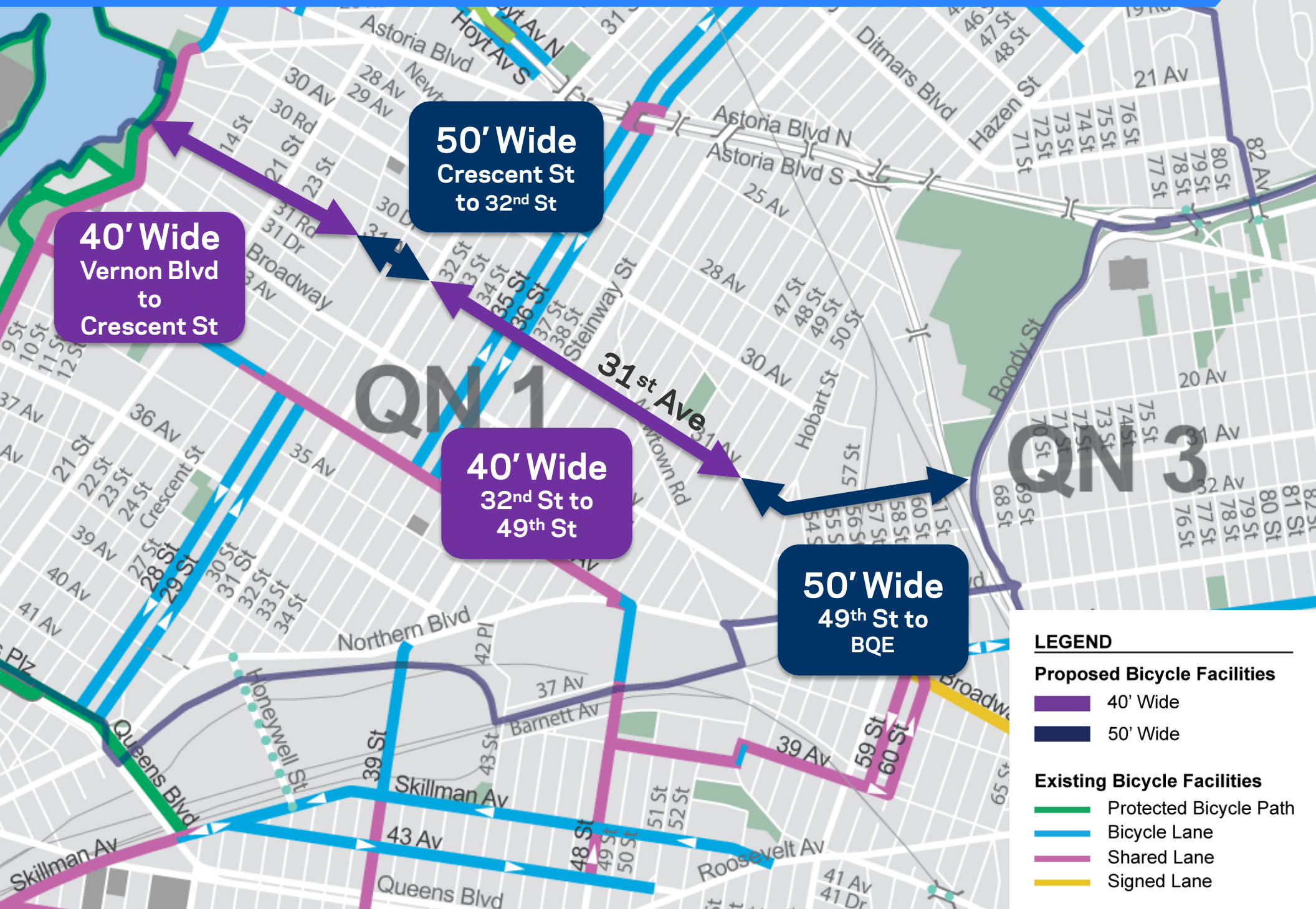
31st Ave

Project Overview: Location and Connections



31st Ave

Project Overview: Street Widths Along Corridor



31st Ave

40' Wide Sections - Existing Conditions

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

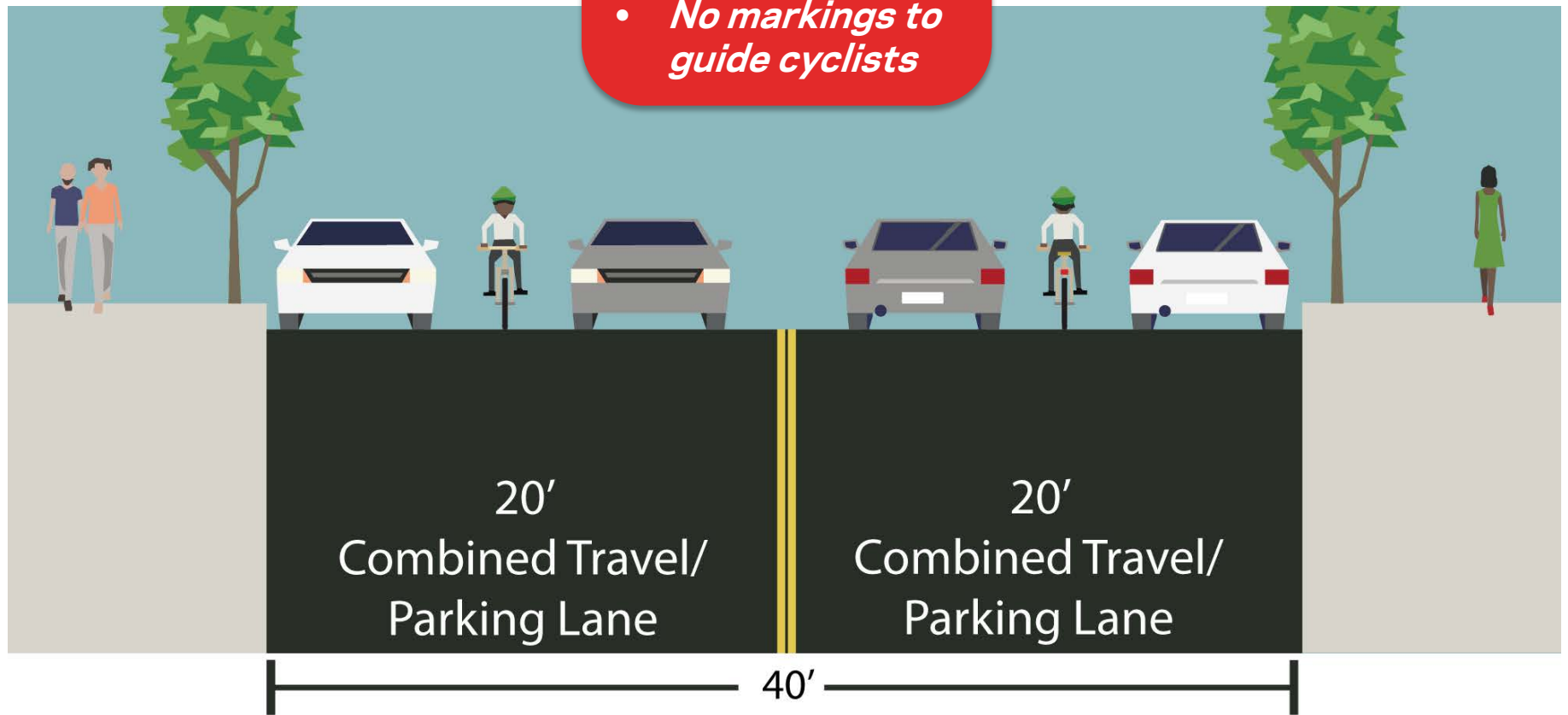


31st Ave

40' Wide Sections - Issues

Lack of Bike Markings

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

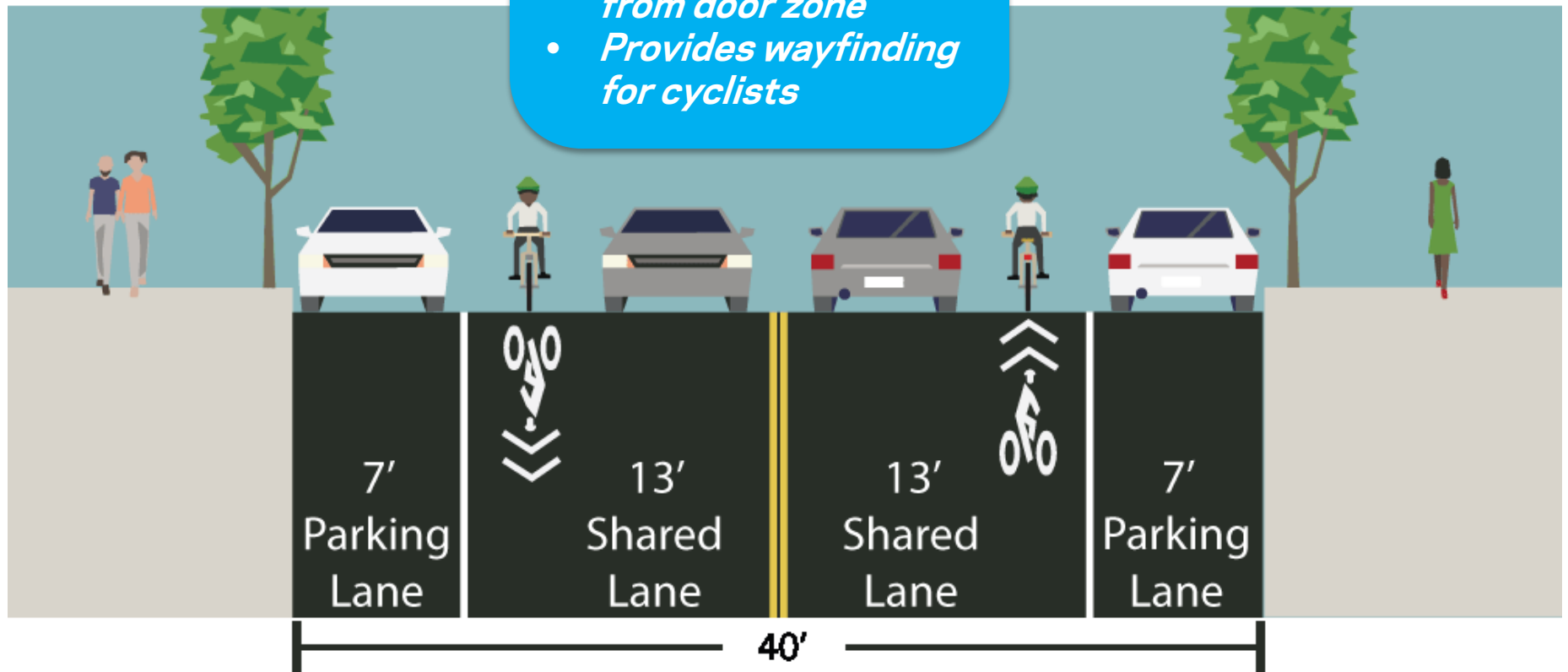


31st Ave

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

40' Wide Sections - Example of Proposed Design



Vanderbilt Ave, BK

31st Ave

50' Wide Sections – Existing Conditions

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



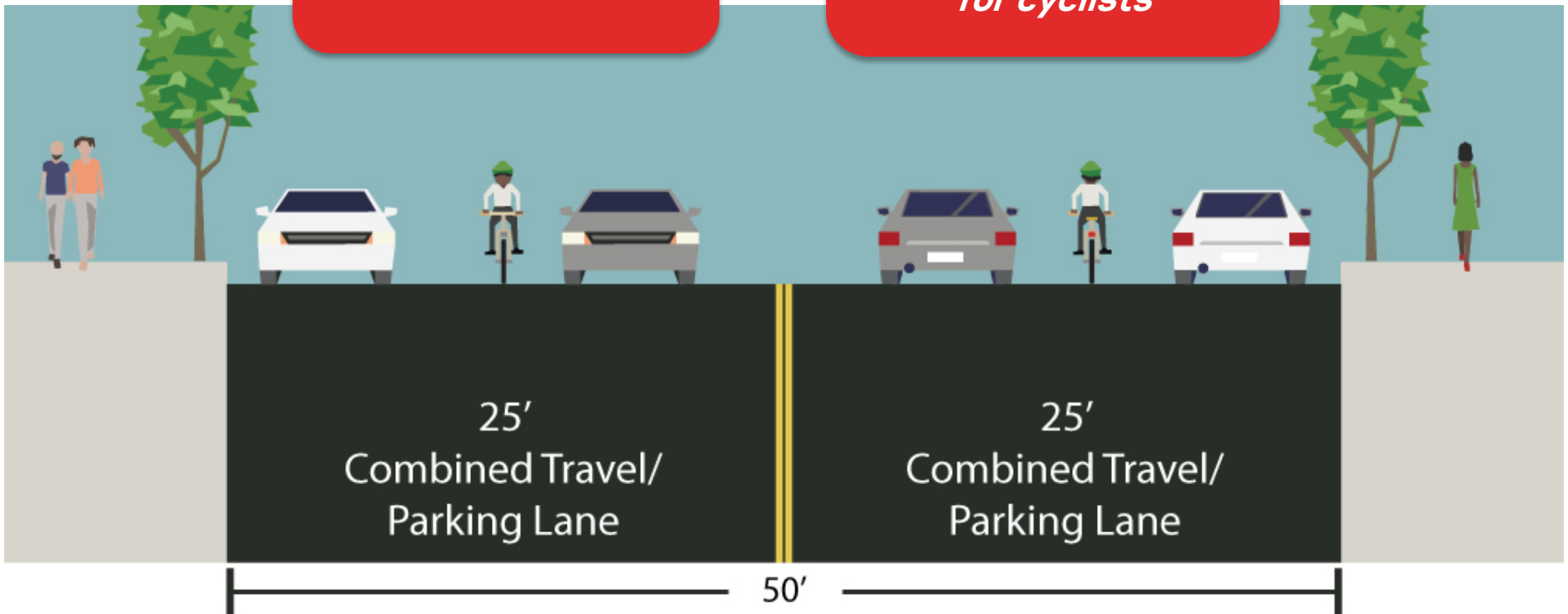
31st Ave at 61st St, QN

31st Ave

Existing/Issues

Wide Travel Lanes
Encourage speeding

Lack of Bike Markings
No dedicated space for cyclists



31st Ave

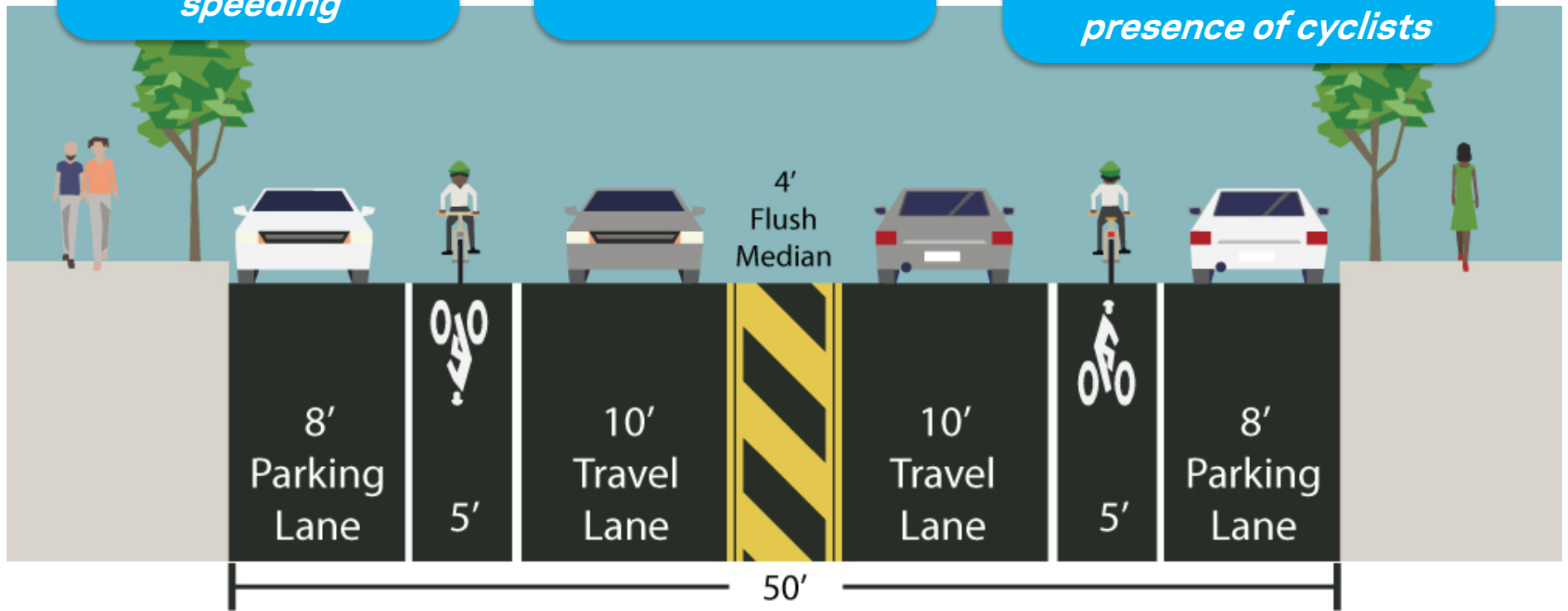
50' Wide Sections - Proposed Design

**Standard Width
Travel Lanes**
*Discourage
speeding*

Flush Median
Organizes roadway

Bike Lanes

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



31st Ave

Example of Proposed Design



Ocean Ave, BK

31st Ave

Pedestrian Enhancements

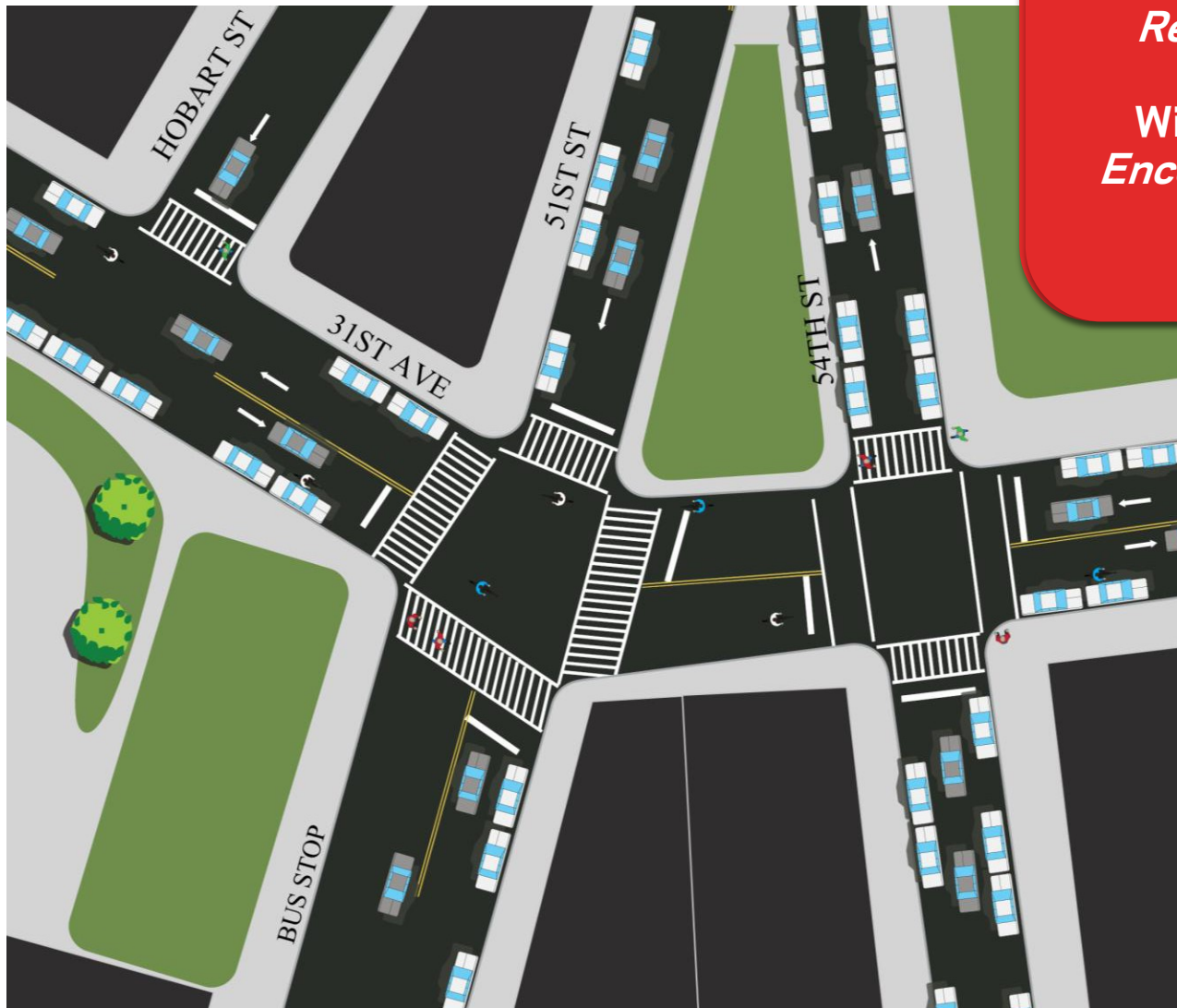
High Visibility Crosswalk

- *Provide safer crossing*
- *Improved visibility*



31st Ave

Existing Conditions – 31st Ave at Hobart St/51st St



Existing Alignment
Reduced visibility

Wide Travel Lanes
Encourages speeding

31st Ave

Safety Enhancements – 31st Ave at Hobart St/51st St



Curb Extension

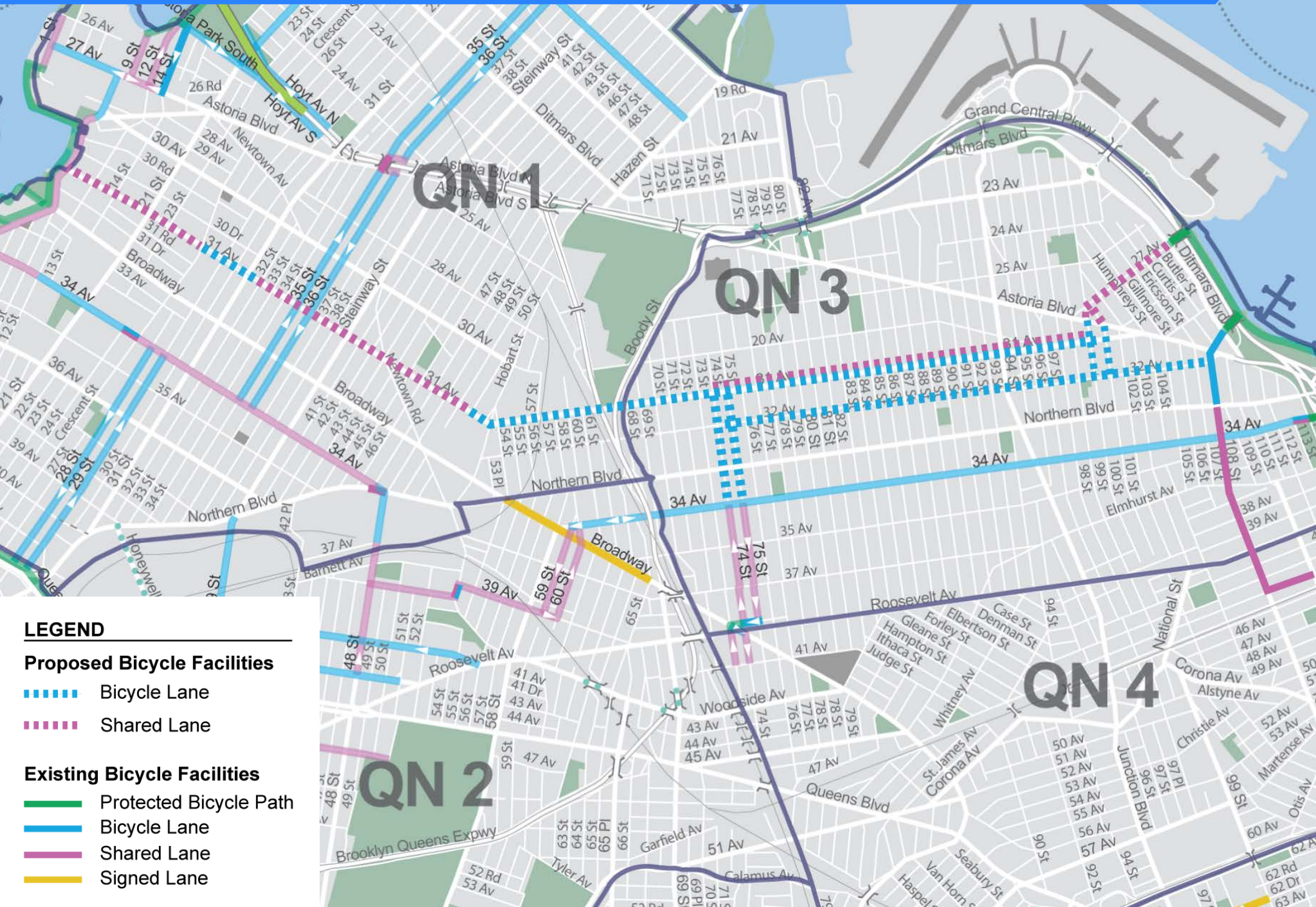
- *Safer/shorter crossing*
- *Improves alignment*

Markings

- *Improves visibility*
 - *Improves alignment*
 - *Organizes roadway*

31st Ave

Proposed – Eastern Connections



31st Ave

Summary of Benefits

- Major east-west bicycle connection across Queens
- Connection to existing network, and Queens waterfronts
- Organizes roadway users, improves circulation
- Calms traffic, improves safety
- No lane, or parking loss
- Provides transportation alternative in area underserved by subway system



Questions?

**Thank
You**