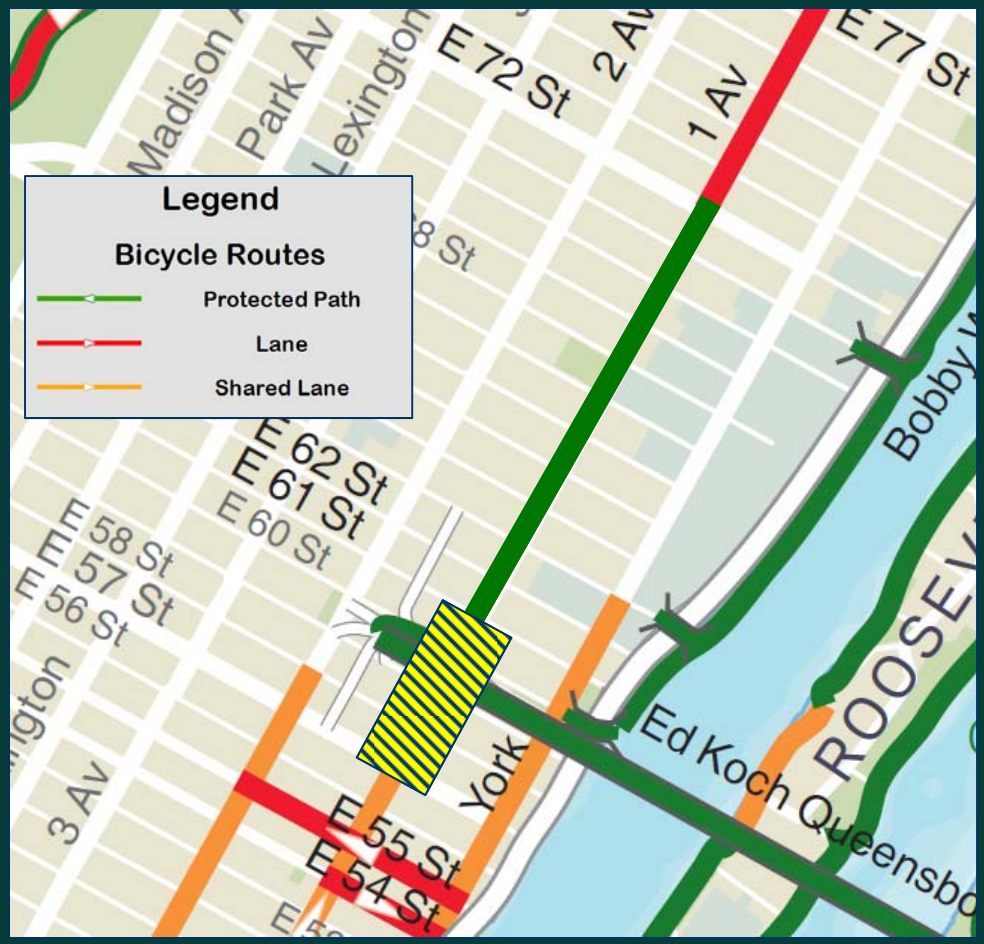
Queensboro Bridge Connections

Manhattan Community Board 6

Commissioner Janette Sadik-Khan New York City Department of Transportation
April 1, 2013

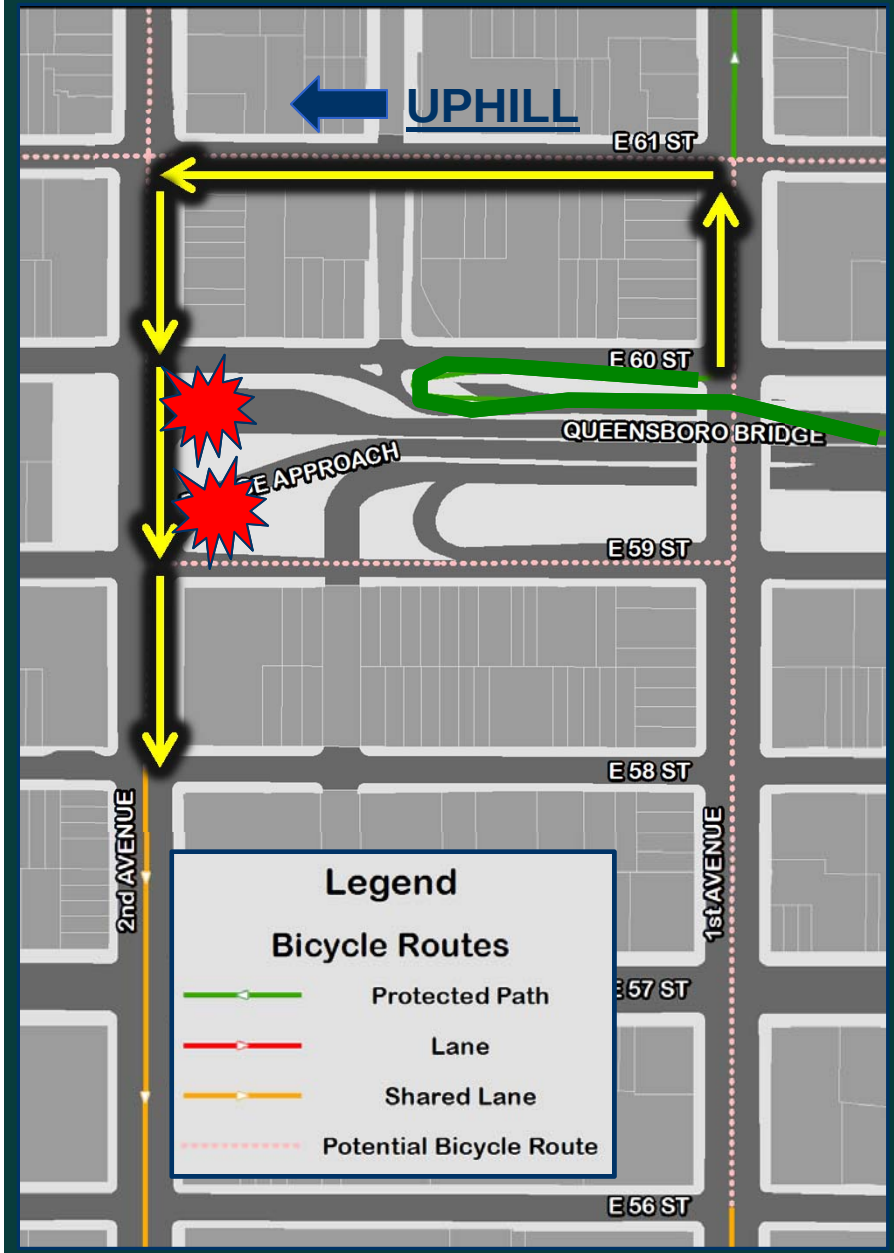
NEW YORK CITY DOT

Project Background



- 2010-2012: Bicycle facilities installed on
  - 1st Av: Houston to 72nd St
  - 2nd Av: 56th to Houston
- 2013: Bicycle path being installed on
  - 1st Av: 72nd St to 125th St
- E. 56 St to E. 61 St skipped due to DEP water main construction
- Water main construction to be completed by end of 2013

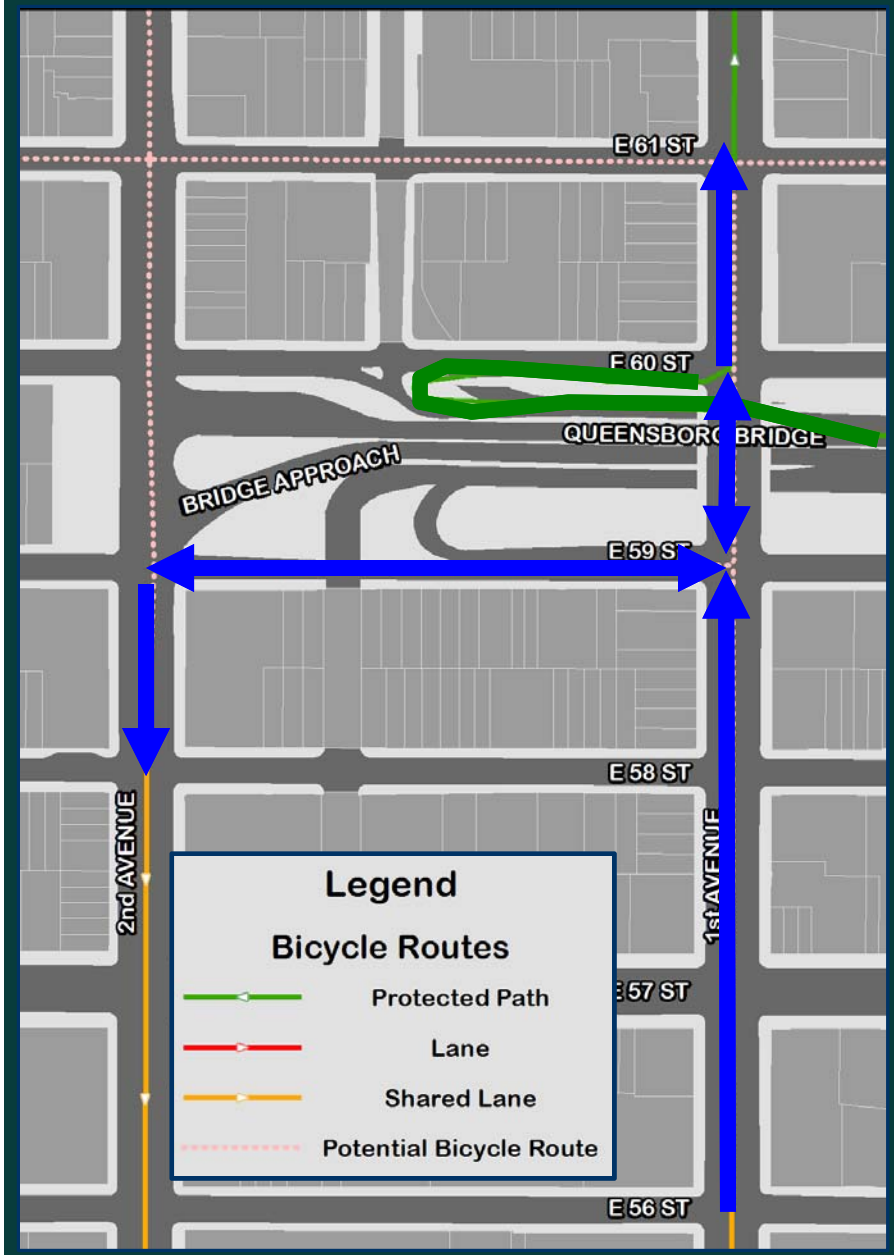
Existing Conditions



- Queensboro bridge path leads to 1st Ave via E. 60 St
- Circuitous & unpleasant connection to southbound 2nd Av.
  - Cyclists from bridge path cross vehicular bridge approach / exit
- *Over 2,700 Cyclist a day use the Queensboro Bridge

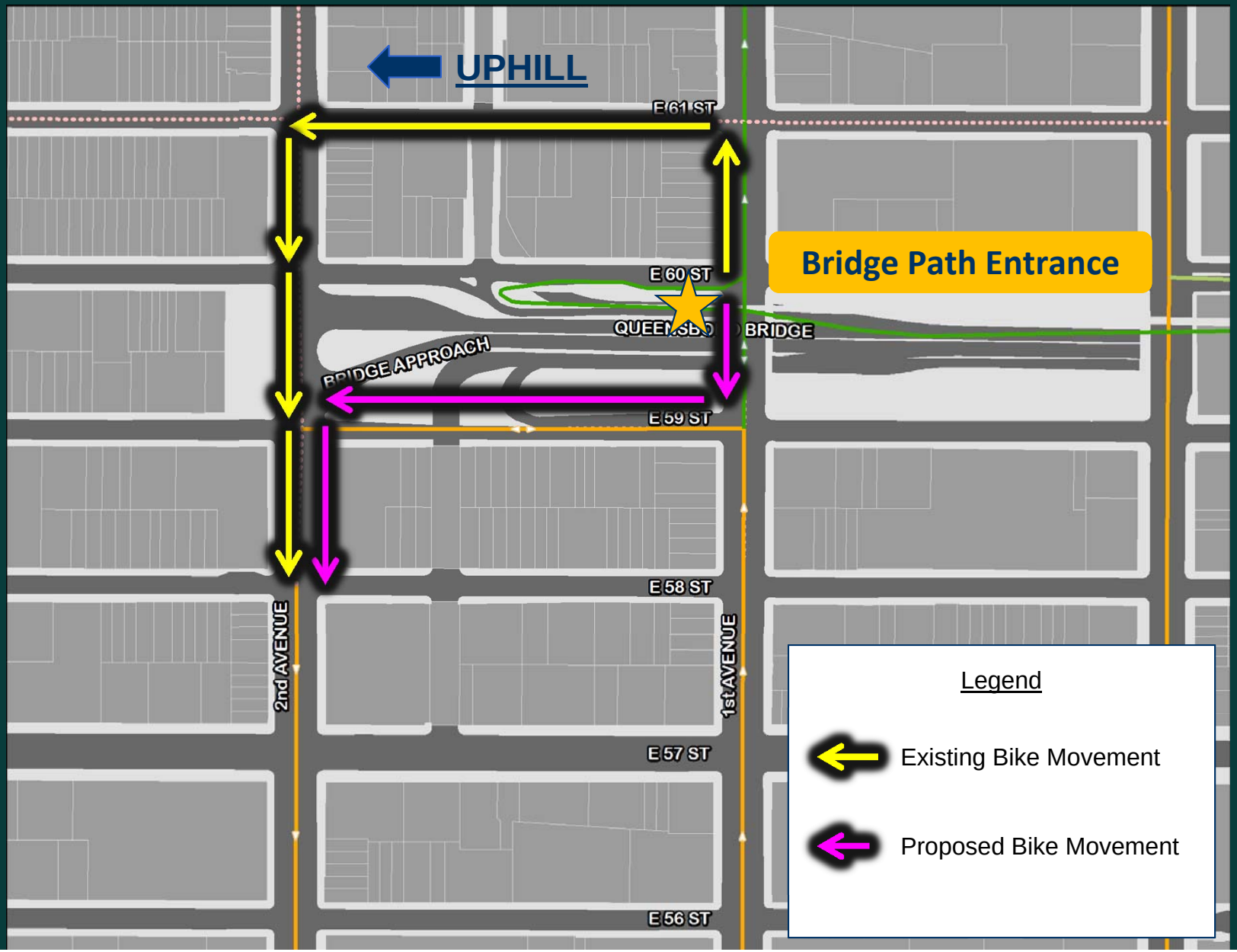
*Bicycle Count: 12hr weekday average of May, August, September 2012

Project Proposal

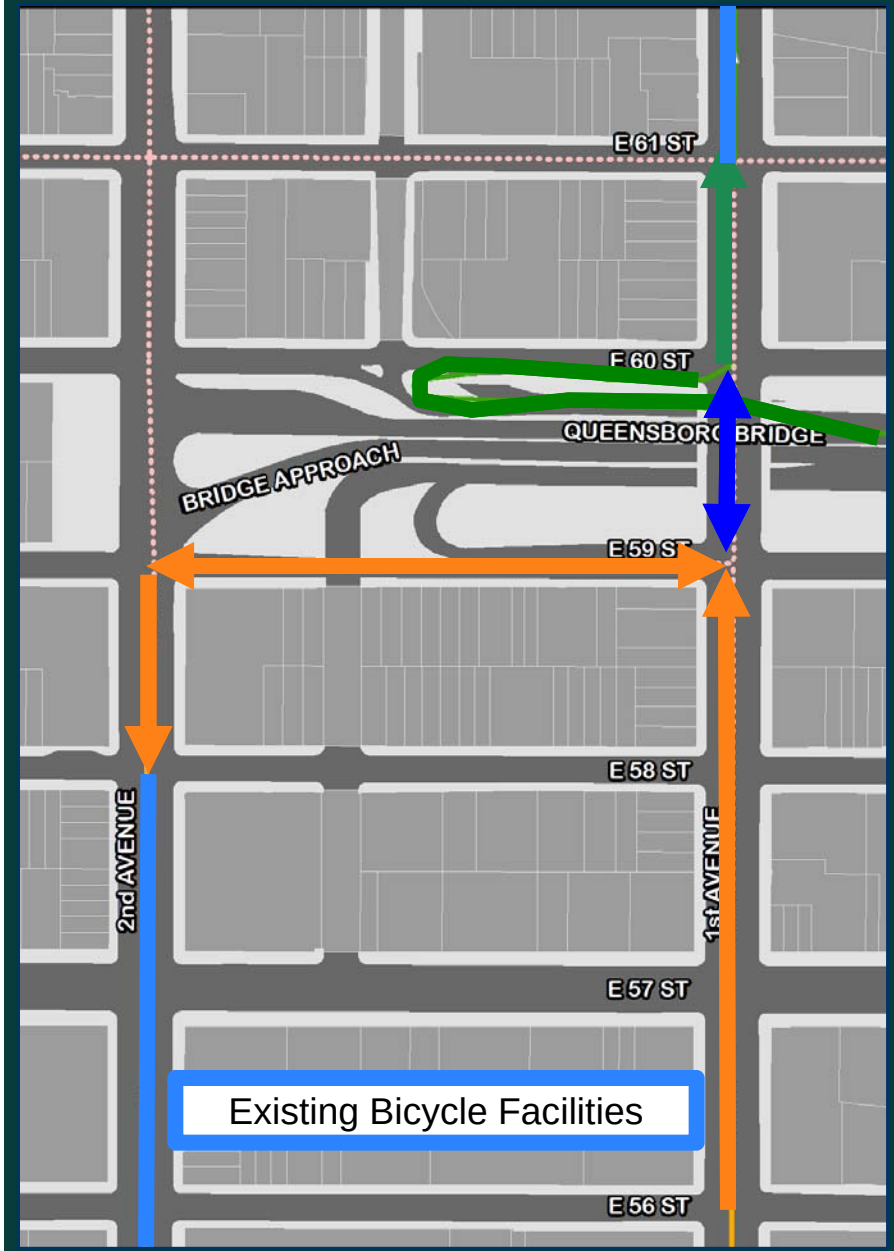


- Complete bike route on 1st Avenue
  - E. 56 St to E. 61 St
- Provide safe connections to existing bicycle route on 2nd Avenue via E 59 St
  - Between 1st and 2nd Aves
- Tailor design to meet traffic demand

Cyclist Movement



Project Proposal



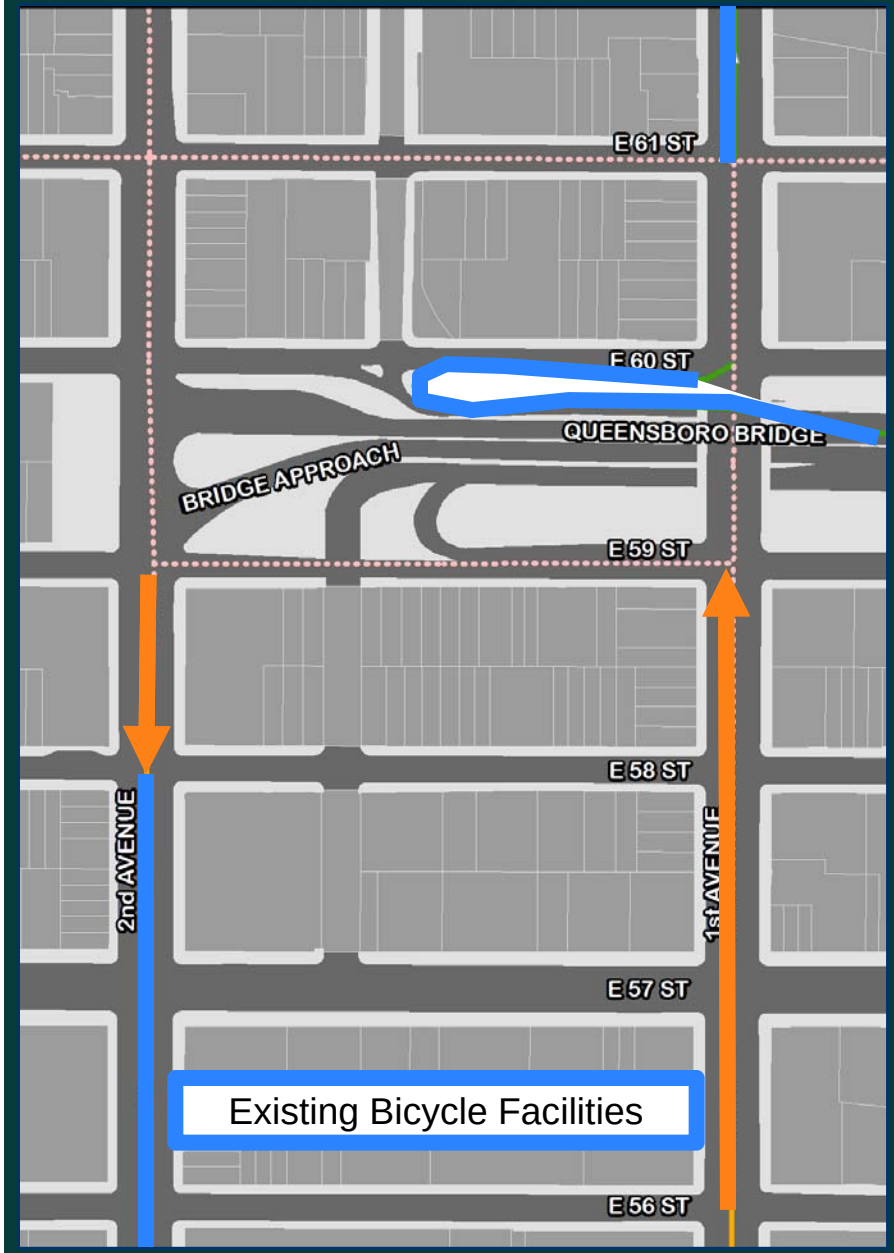
Existing Bicycle Facilities

One-way Bicycle Path

Two-way Bicycle Path

Shared Lane

Project Proposal: Enhanced Shared Lanes

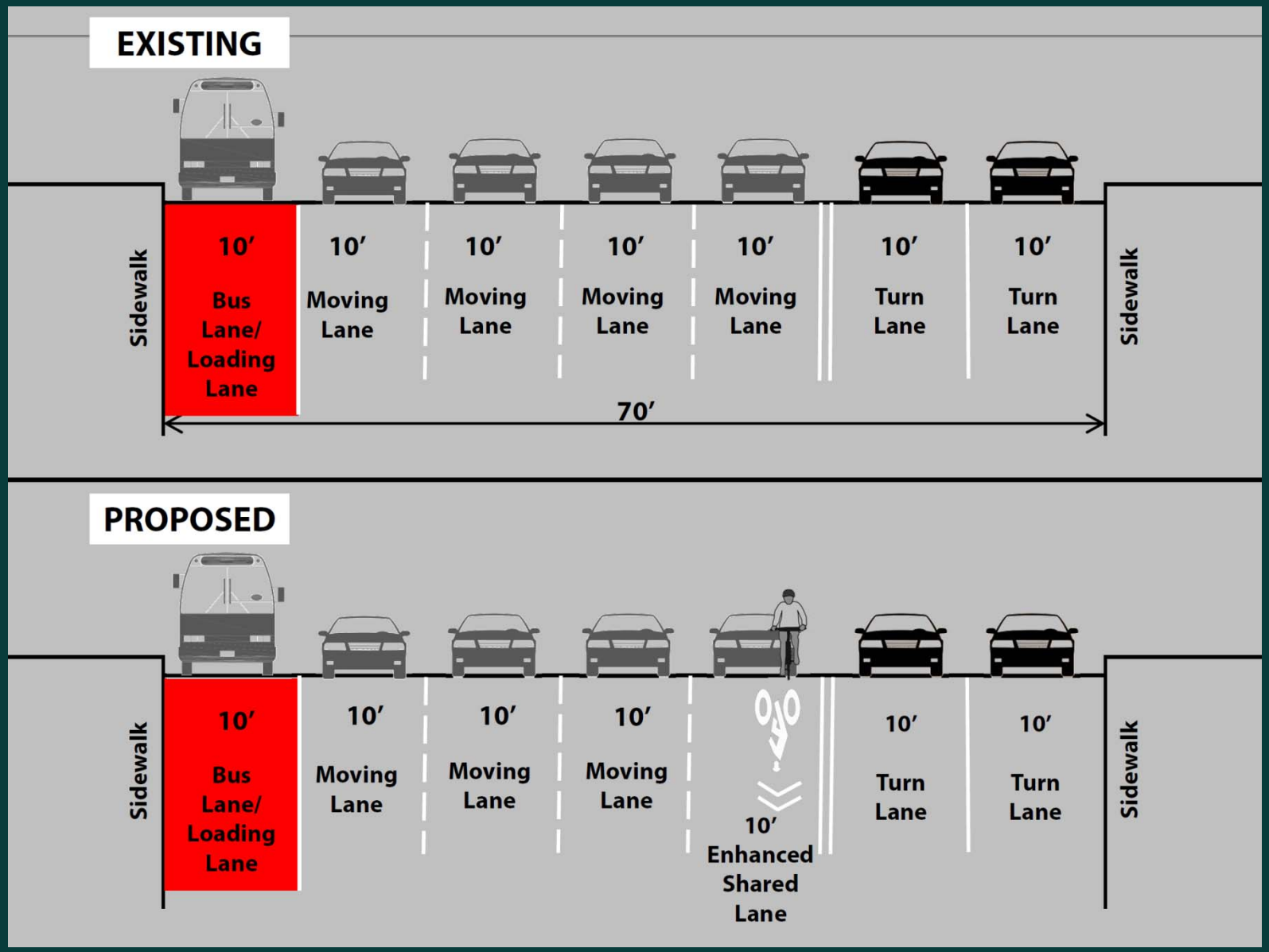


Enhanced Shared Lane

Existing Condition: E. 56 St to E. 59 St

1st Ave at 57th St Facing South

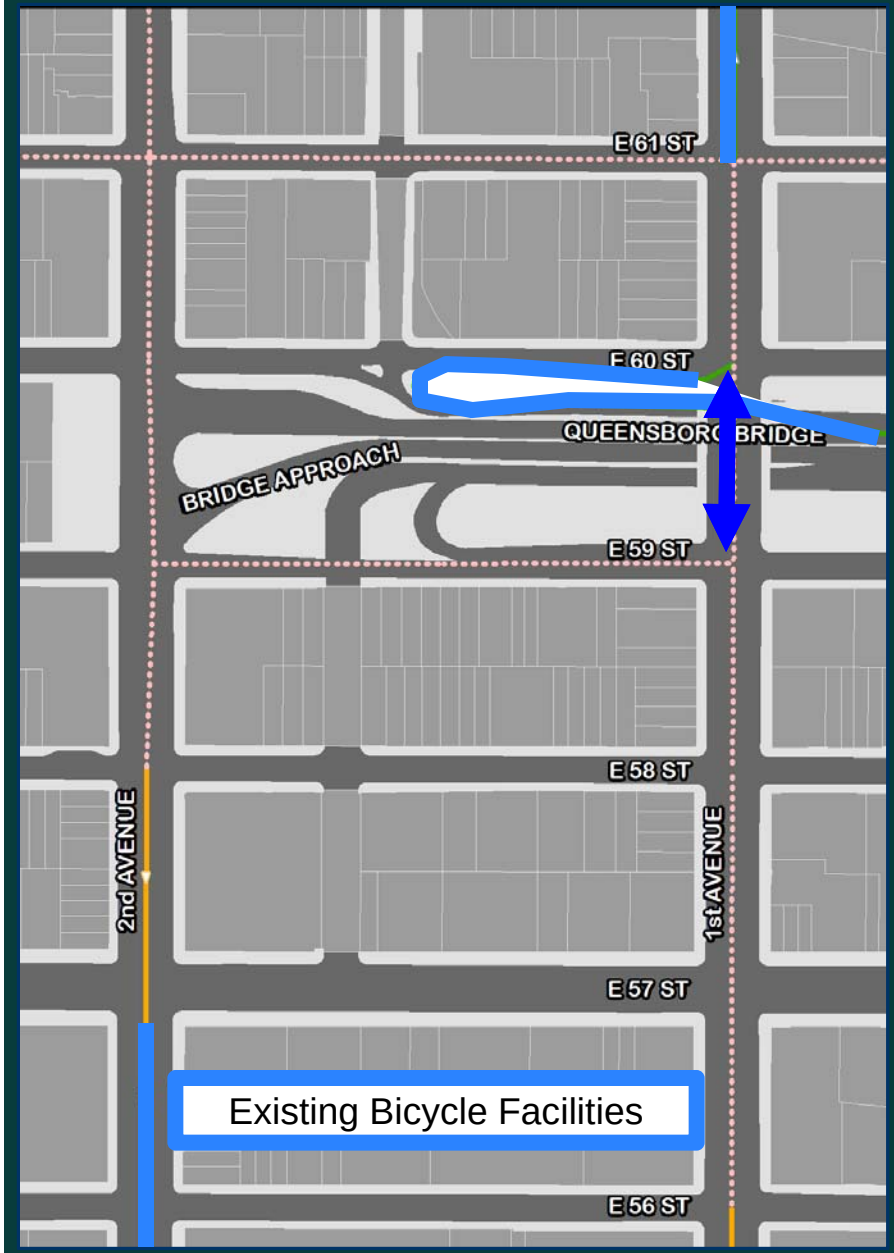
Design Treatment: E. 56 St to E. 59 St



Design Treatment: E. 56 St to E. 59 St

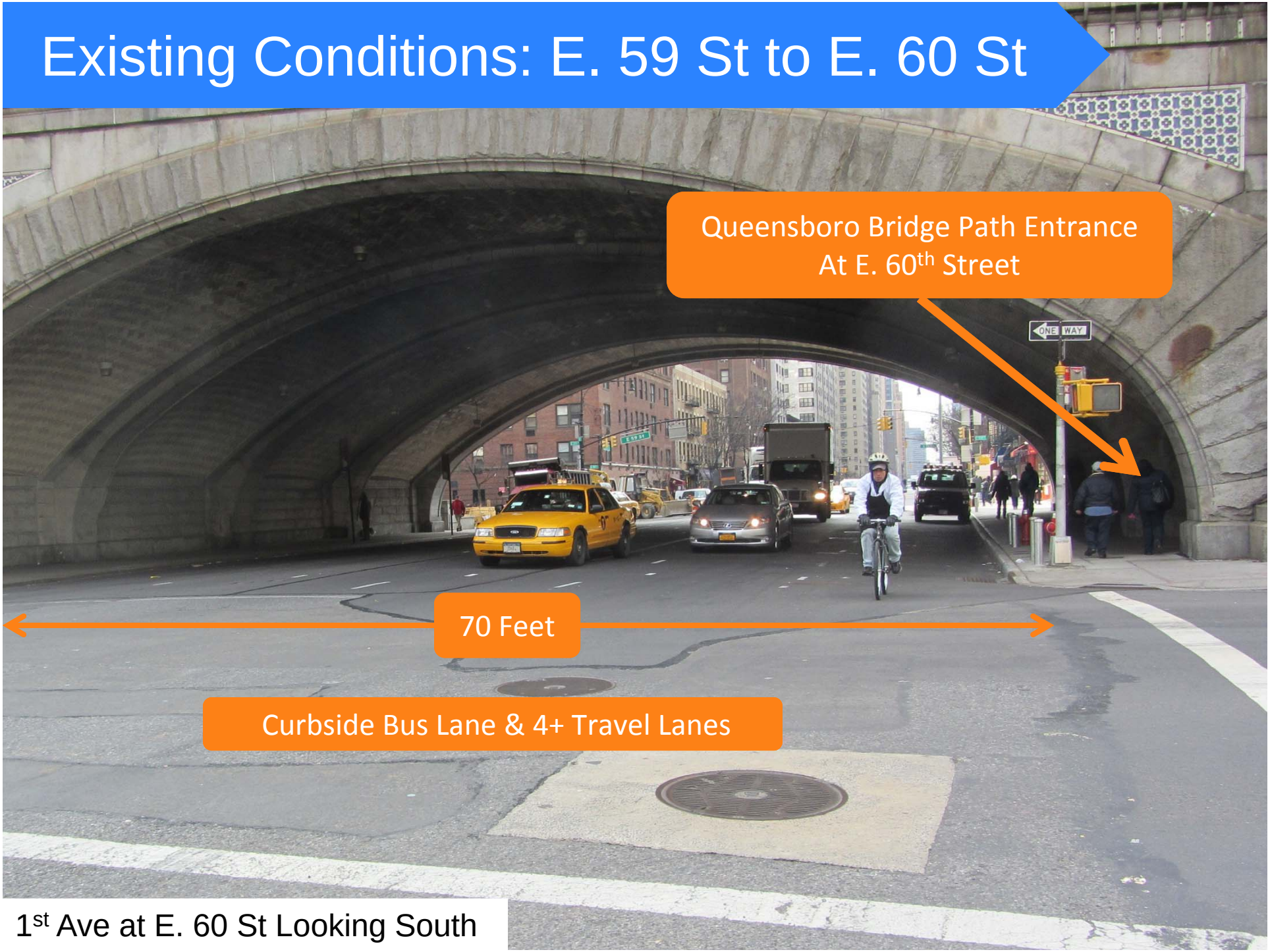
Similar Design Treatment: 2nd Avenue, MN

Project Proposal: E. 59 St to E. 60 St



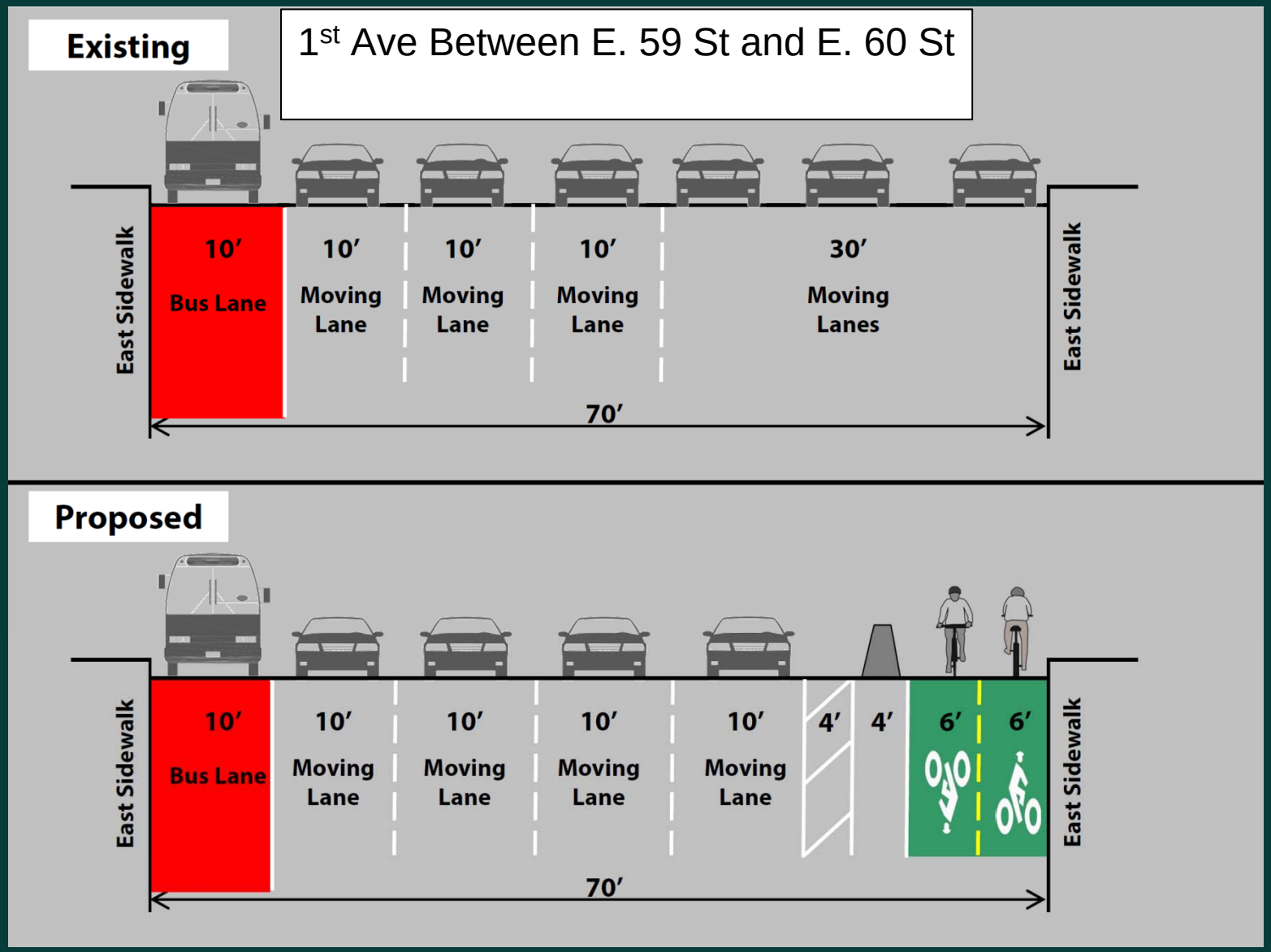
Two-way Bicycle Path

Existing Conditions: E. 59 St to E. 60 St

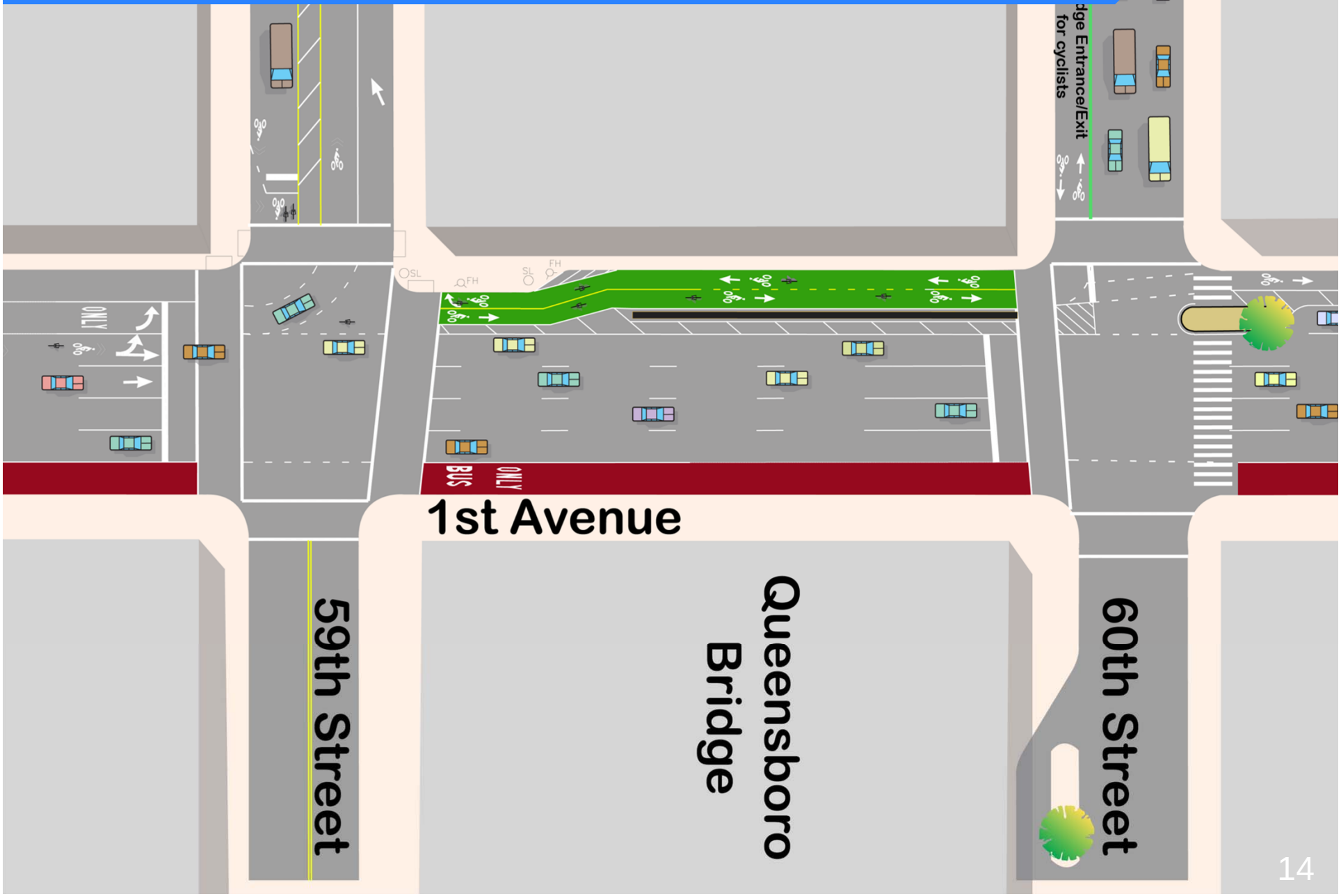


1st Ave at E. 60 St Looking South

Design Treatment: E. 59 St to E. 60 St



Design Treatment: E. 59 St to E. 60 St



Design Treatment: E. 59 St to E. 60 St

Rendering: 1st Ave at E. 60 St Looking South

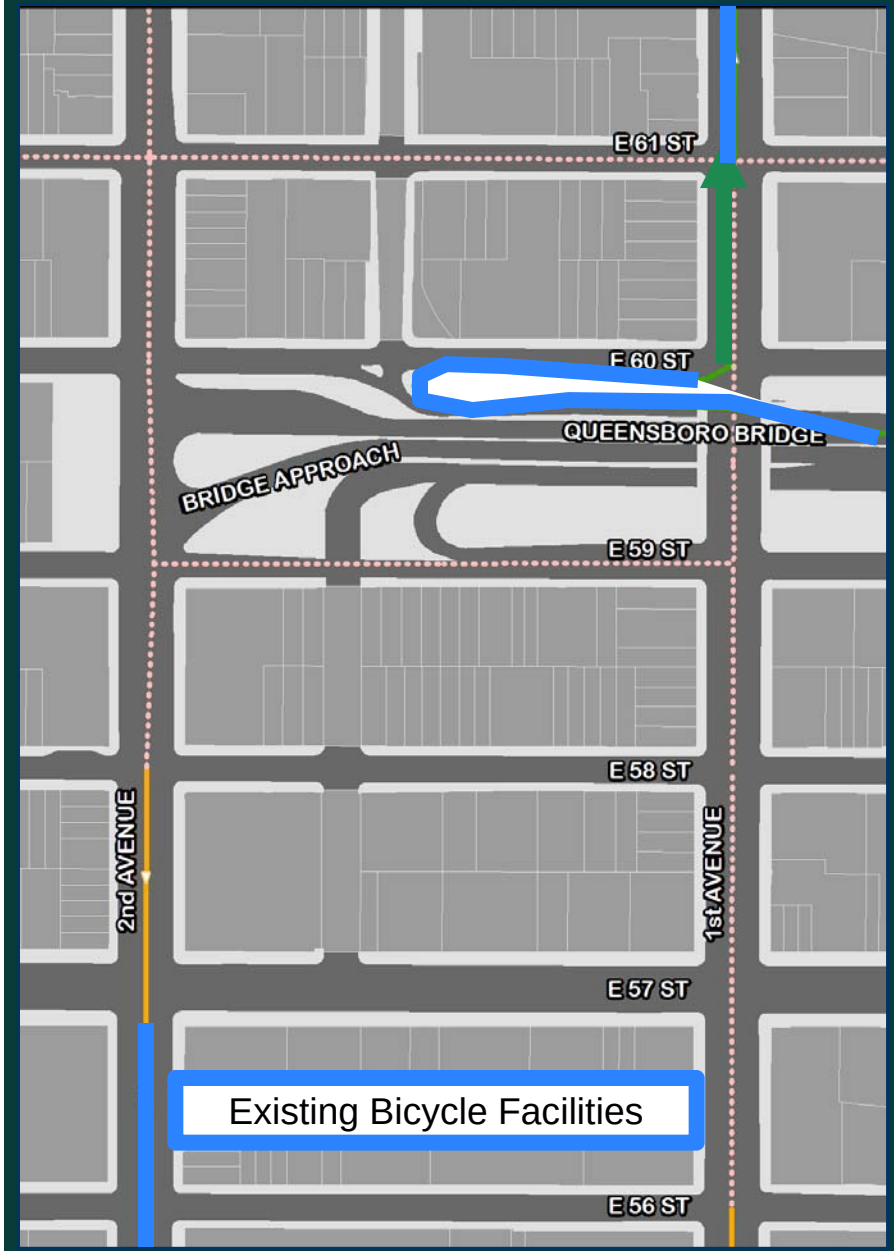
Barrier Beatification

Williamsburg St West, Brooklyn

Flushing Ave, Brooklyn

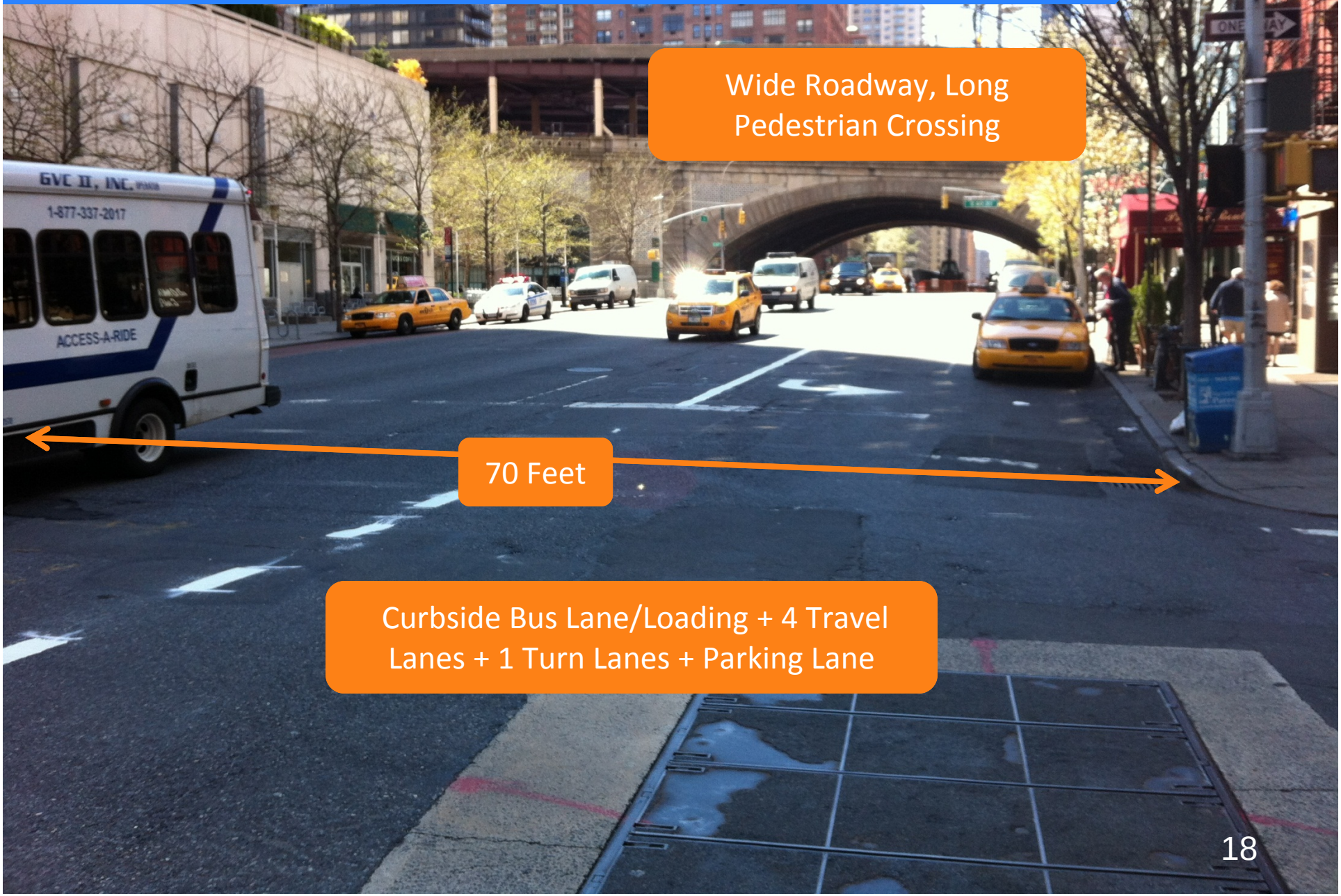
Williamsburg St West, Brooklyn

Project Proposal: E. 60 St to E. 61 St



One-way Bicycle Path

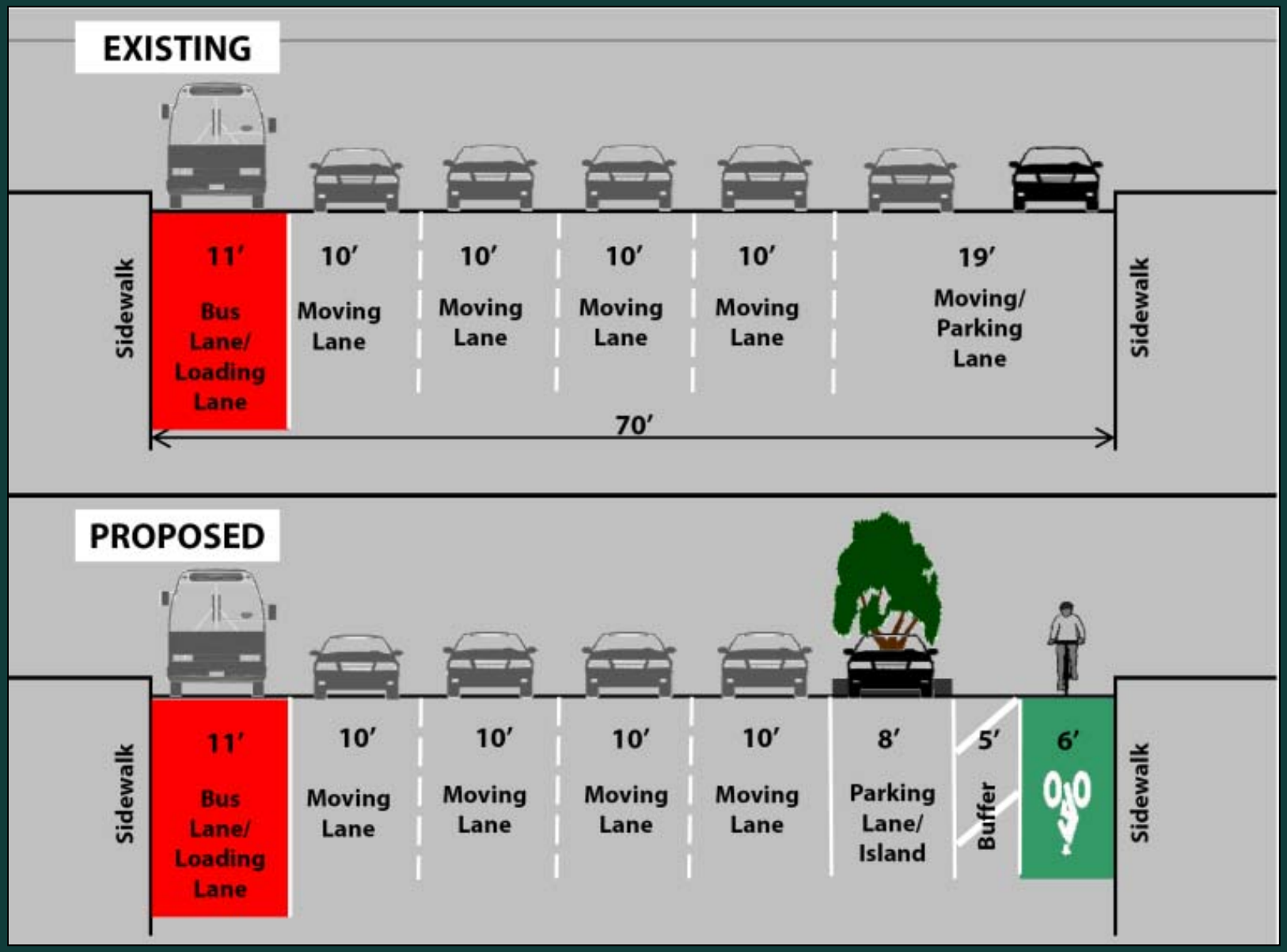
Design Treatment: E. 60 St to E. 61 St



Design Treatment: E. 60 St to E. 61 St

- Mixing Zone – accommodate vehicle/bike turning conflict
  - Approaching E. 61 Street
- Pedestrian Islands – Shorten pedestrian crossings
  - NS of E. 60 Street
  - NS of E. 61 Street

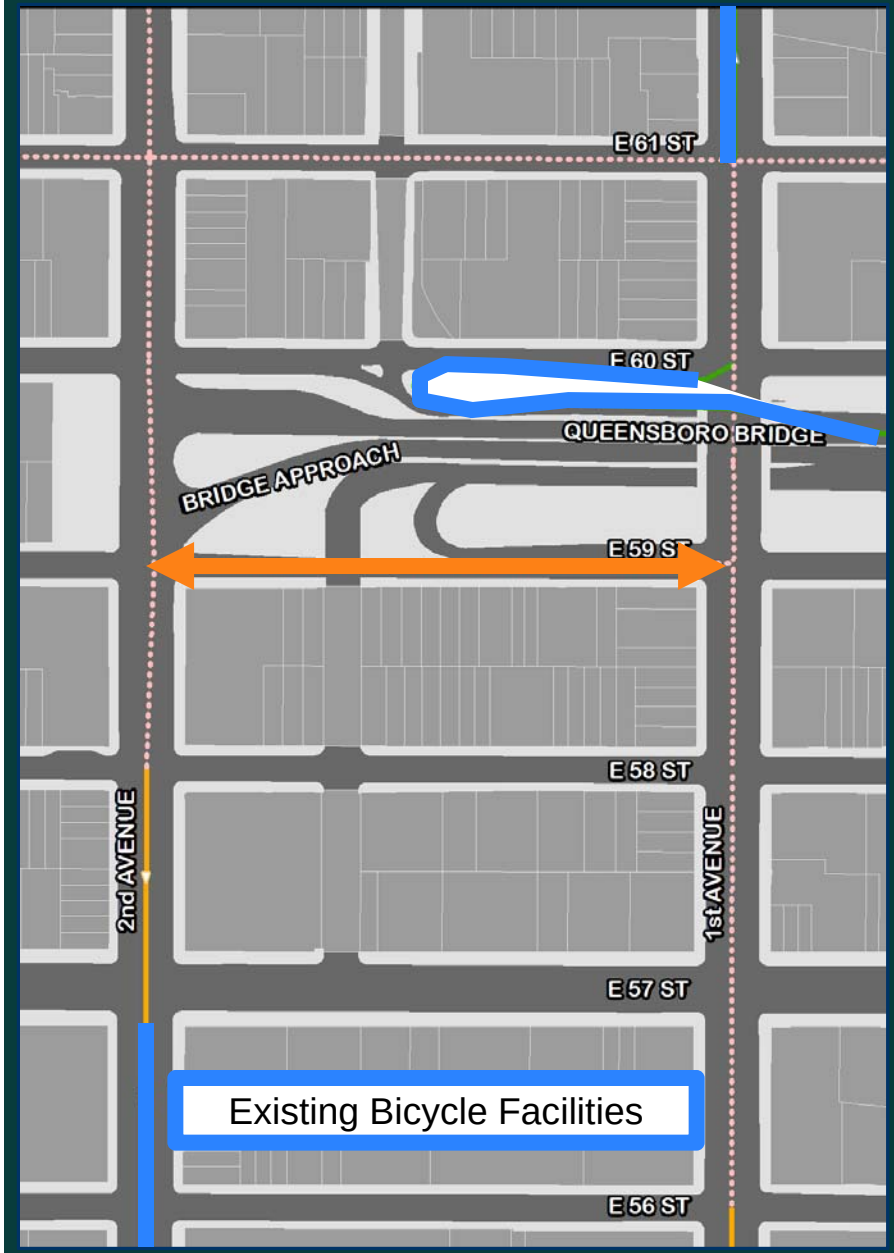
Design Treatment: E. 60 St to E. 61 St



Design Treatment: E. 60 St to E. 61 St

Similar Design Treatment: First Avenue at E. 7 St Facing South

Project Proposal: E. 59th St



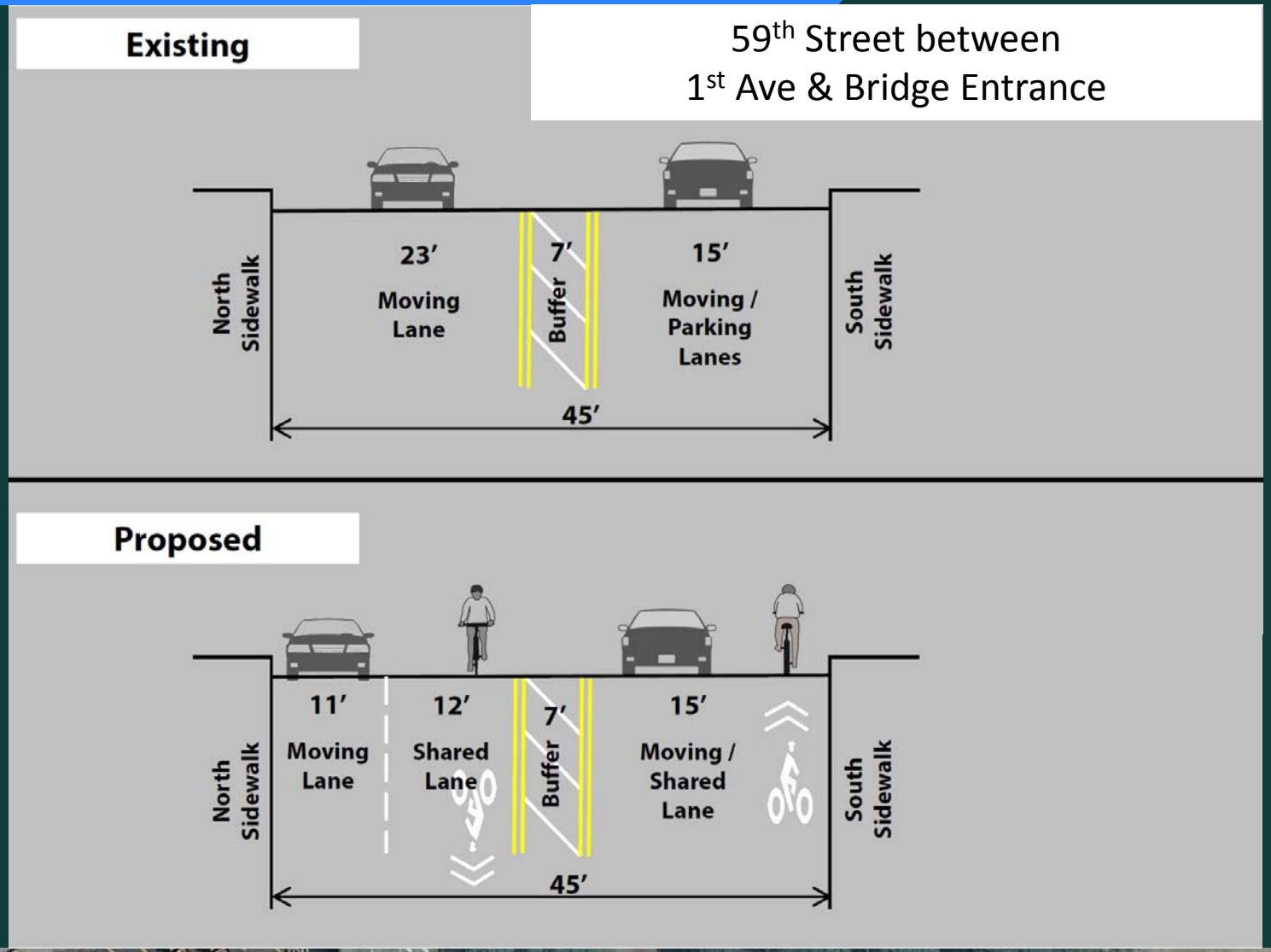
Shared Lane

Existing Conditions: E. 59 St

East 59th Street Between 1st Ave and 2nd Ave Facing East

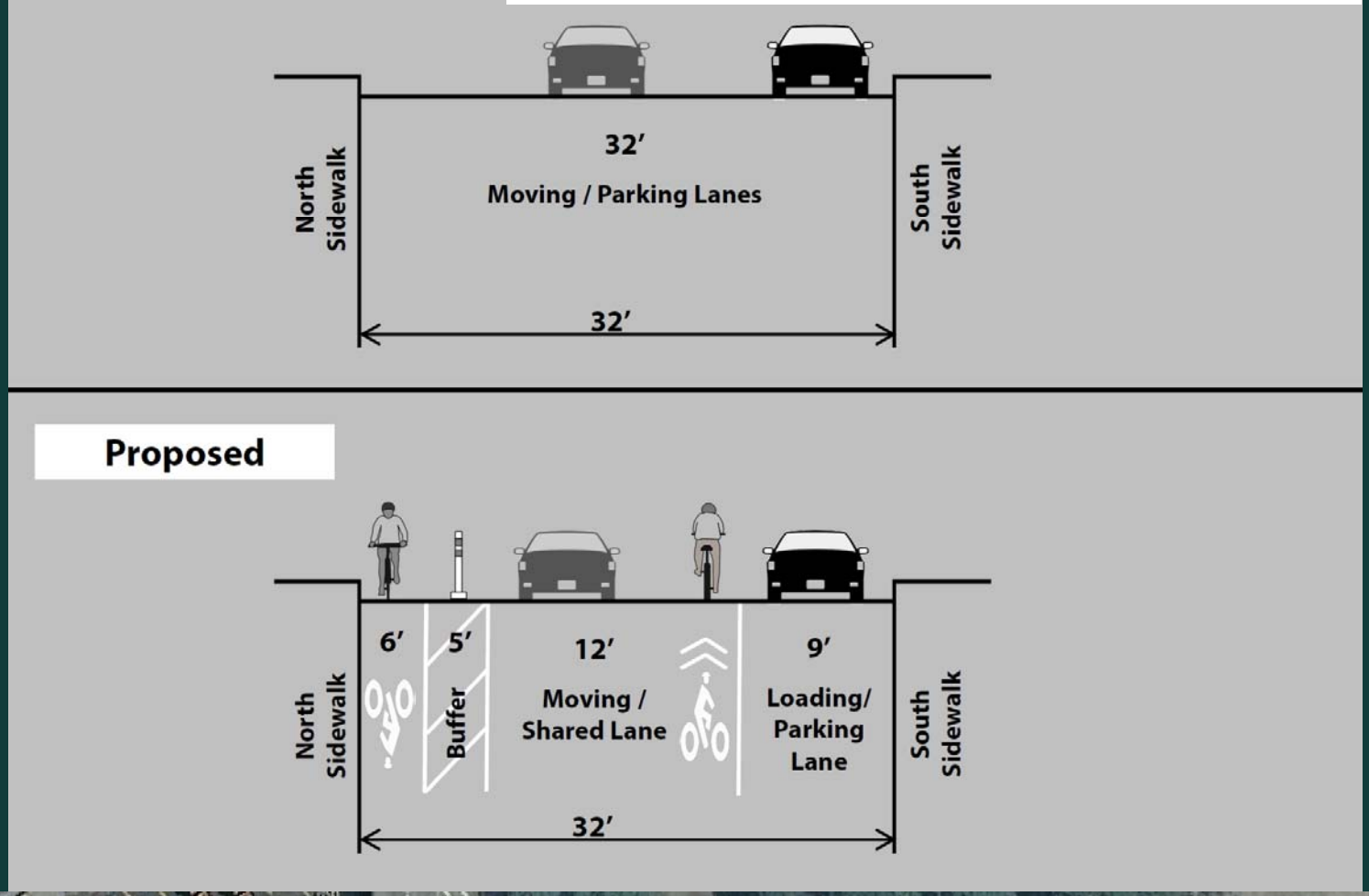
Existing Conditions: E. 59 St

59th Street between
1st Ave & Bridge Entrance



Existing Conditions: E. 59 St

59th Street between
2nd Ave & Bridge Entrance



2 Ave

1 Ave

Proposal Benefits

- Increased safety for all roadway users
- Better continuity of the Bicycle Network, promotes healthy activity
- Safe connection from Queensboro Bridge to downtown bicycle routes
- Shorter Pedestrian Crossings – Helps seniors and children
- Greener Streets – Planting beds on pedestrian islands provide more green space

Questions?

Thank You