

DOT Presentation:

31st Ave, Astoria

Bike Network and Public Realm



31st Ave, Astoria

Bike Network and Public Realm Planning

MAY 2024



Open House Overview

Introductions (20 min)

- NYC DOT Queens Borough Commissioner
- Elected Officials Welcome

Presentation (10 min)

- Past Improvements
- Background
- Summary of Outreach
- What We've Heard
- Proposed
 - Neighborhood Circulation
 - Design Concepts
- Next Steps

Open House

- 5:30PM -7:00PM



Ydanis Rodriguez
Commissioner



Assembly Member
JESSICA GONZÁLEZ-ROJAS



Past Improvements

Public Realm and Bike Network Improvements:

Painted Bike Corral:

- In coordination with the DOT Art Program, DOT installed a curb extension on 31st Ave and 34th St. featuring a new public art installation, and bike parking



Open Streets

- 2020: OS in partnership with 31st Ave Coalition; maintenance and operational support by DOT and the Horticultural Society of New York

Bike Lane Projects:

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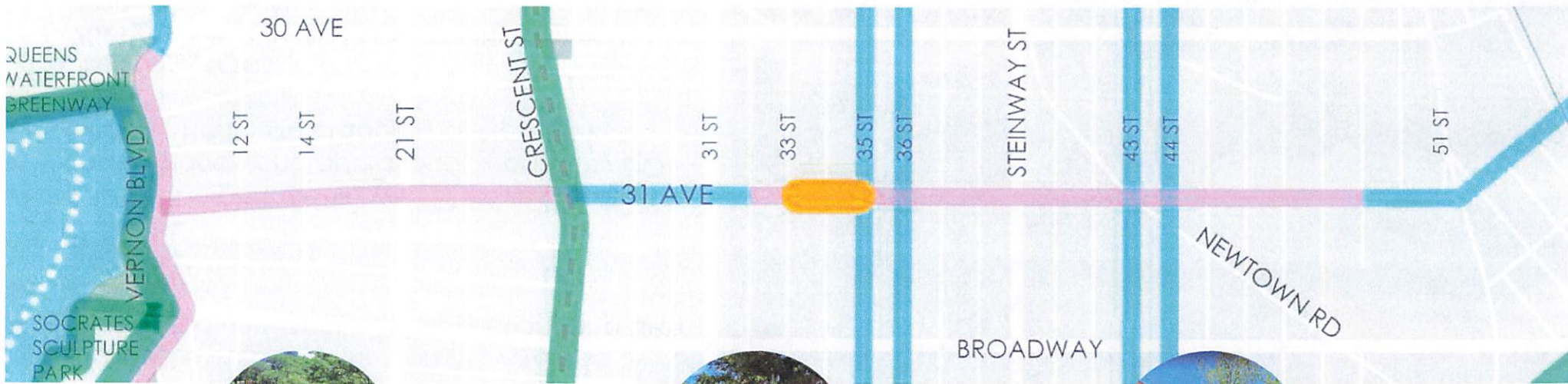
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- Open Street
- Protected Bike Lane
- Conventional Bike Lane
- Shared Lane

- 1** **Vernon Blvd - 30th St**
- Mostly residential area
 - Access to waterfront

- 2** **30th St - Steinway St**
- Commercial land uses
 - Open Street (Sat., Sun. 12-8 PM)

- 3** **Steinway St - 51st St**
- Residential; auto-oriented businesses; schools



Major Destinations:



Vernon Blvd Waterfront Access



31st Ave Open Street, businesses



P.S. 151, William Cullen Bryant HS

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(April – June 2023)



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(July 2023)



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Survey: Most Frequently Mentioned Safety Concerns

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Intersections with most comments:

1. Newtown Rd, 31 Ave and 43 St
2. Vernon Blvd and 31 Ave
3. 31 St and 31 Ave
4. Crescent St and 31 Ave
5. 33 St and 31 Ave



Merchant Survey: Most Frequently Mentioned

- Lack of curb access for deliveries
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Public Realm and Bike Network: Most Frequently Mentioned Improvements



Pedestrian Space &
More Greenery



Street Seats, Public
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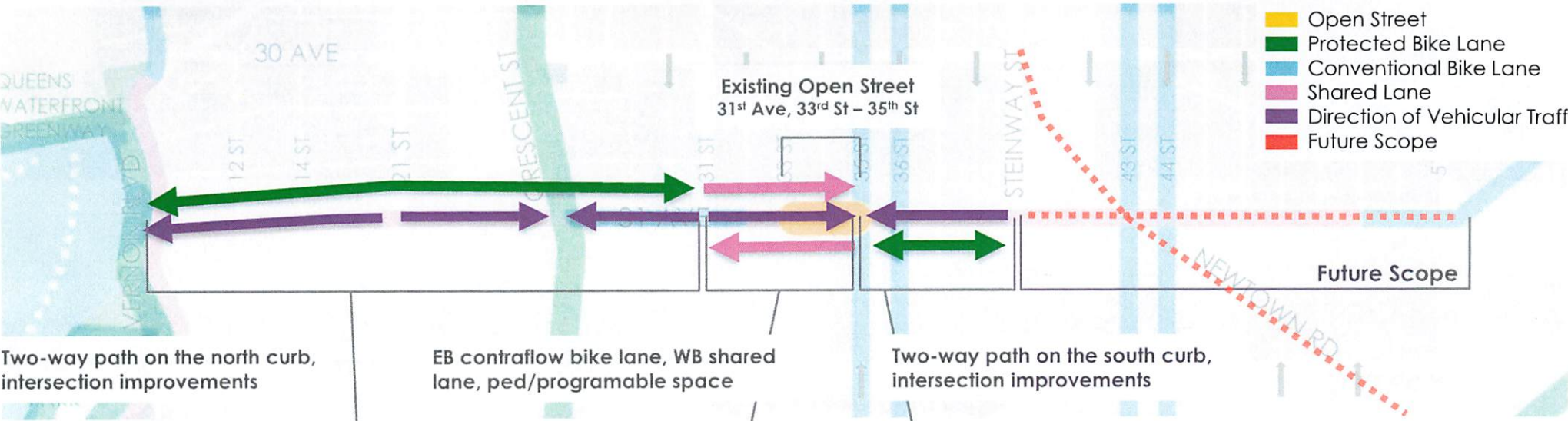
Protected Bike
Lanes



Improved Curb
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Proposed: Neighborhood Circulation

- Open Street
- Protected Bike Lane
- Conventional Bike Lane
- Shared Lane
- Direction of Vehicular Traff
- - - Future Scope



Two-way path on the north curb, intersection improvements

EB contraflow bike lane, WB shared lane, ped/programable space

Two-way path on the south curb, intersection improvements

Typology: Crescent St
31st Ave, Vernon Blvd - 31st St



Typology: Berry St
31st Ave, 31st St - 36th St



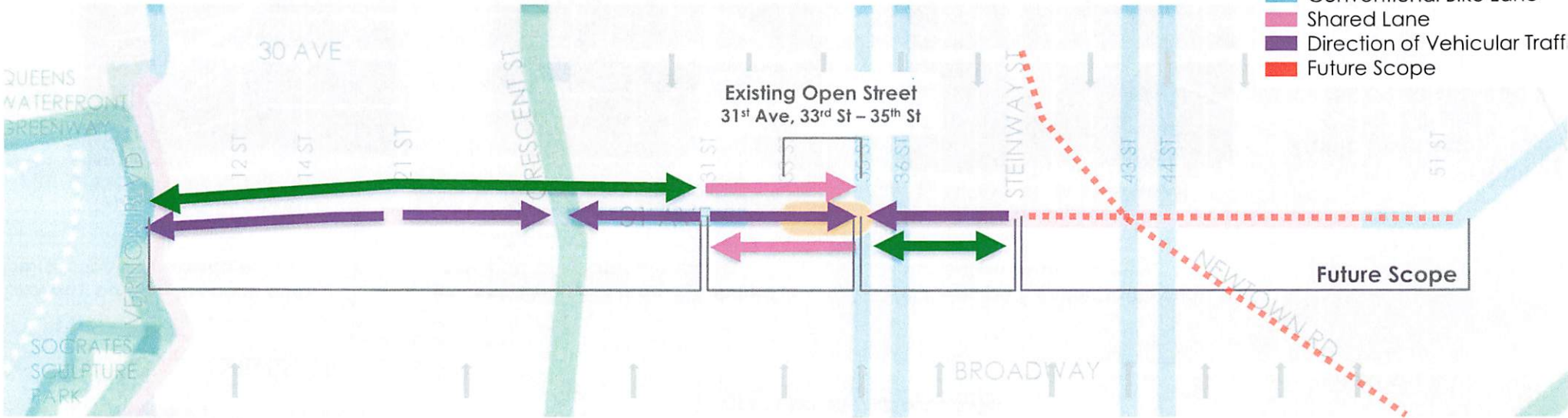
Typology: Crescent St
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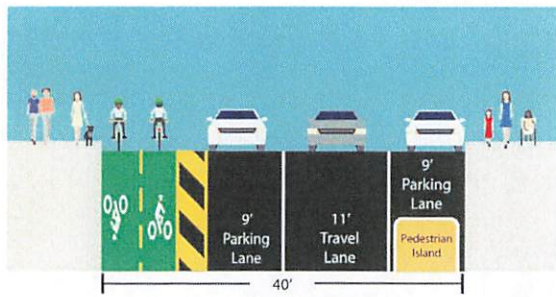
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Proposed: Design Concepts

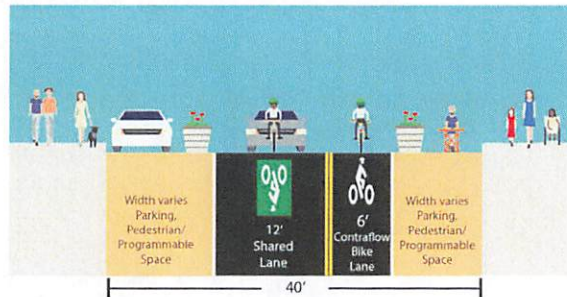
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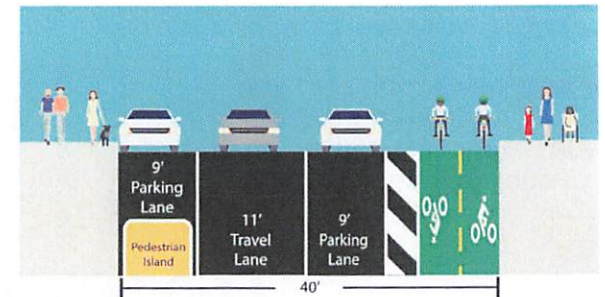
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Next Steps

May/June:

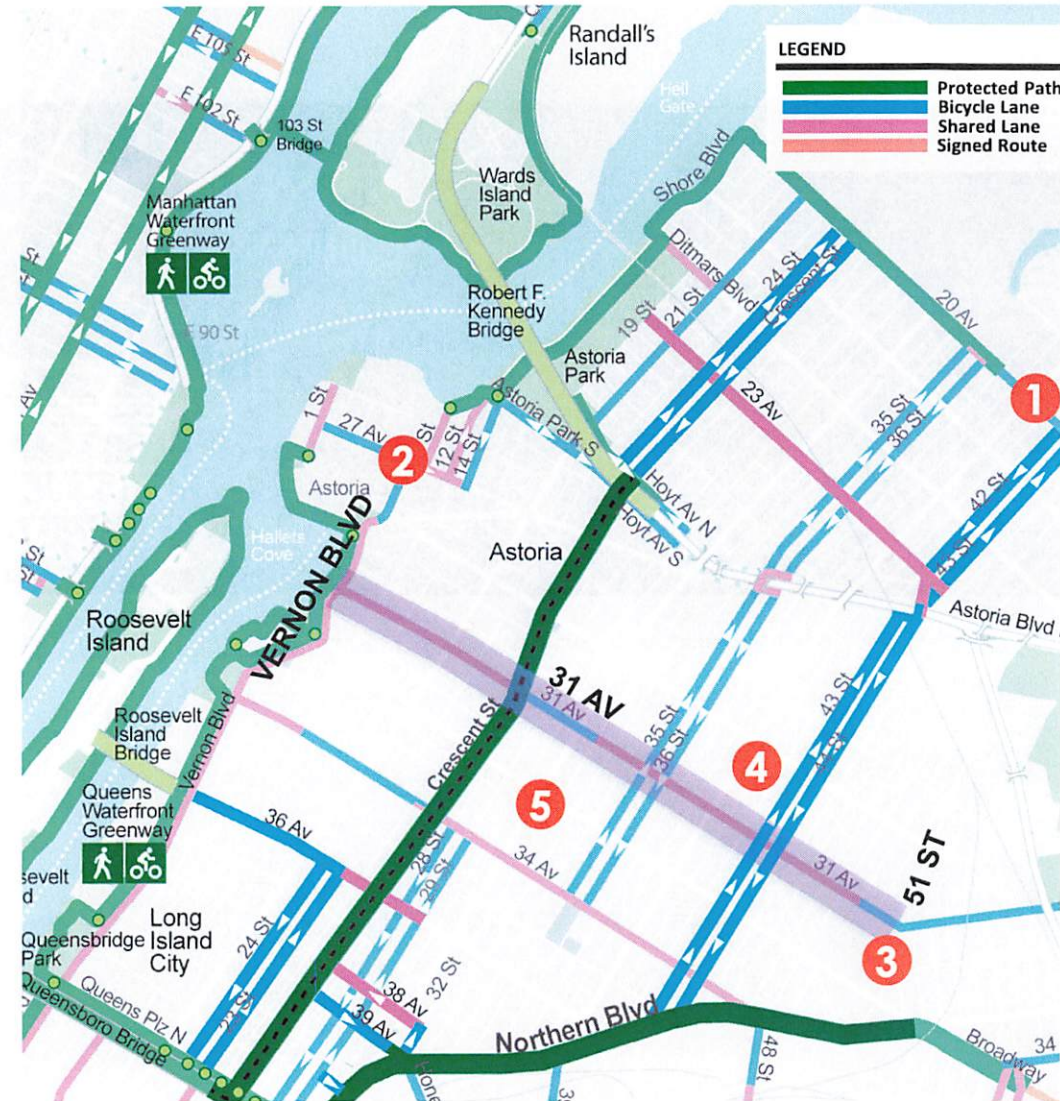
- Open House
- QN Community Board 1

Summer/Fall:

- Phase I Project Implementation
- Phase II

Future:

- Continued Outreach for Phase II
- Potential Future Projects:
 1. Astoria Heights, Queens Waterfront Greenway
 2. Astoria Park Bike Blvd
 3. 51st St Traffic Calming
 4. Newtown Rd Traffic Calming
 5. 31st St Under the El Bus Stop Upgrades



Thank You!



NYCDOT



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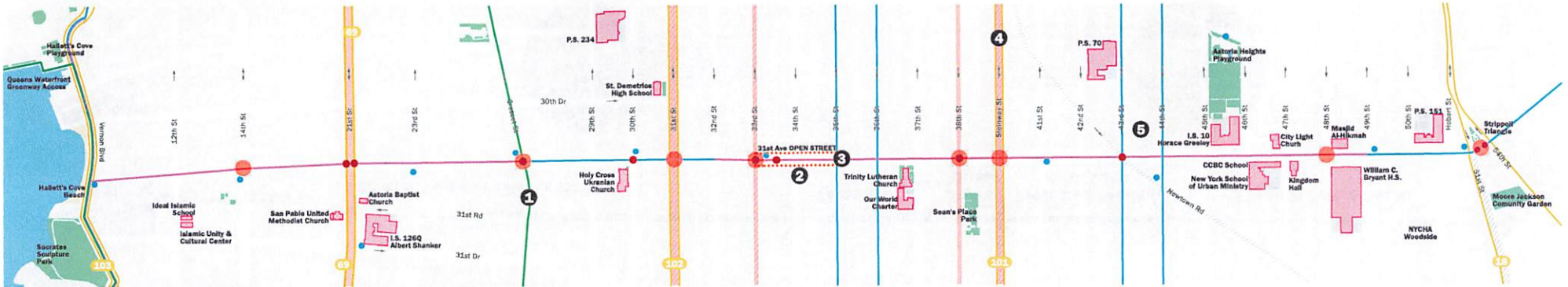


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NYCDOT

Current Conditions on 31st Avenue, Vernon Boulevard to 51st Street



Legend

- Protected Bike Lane
- Standard Bike Lane
- Shared Bike Lane
- 31st Ave. Open Street
- Bus Route
- Schools & Places of Worship
- Potential Future Projects
- Vision Zero Corridors
- CitiBike Station
- > 5 Pedestrian or Cyclist Injuries
- Pedestrian or Cyclist Severe Injury

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What We've Heard:

Bike Infrastructure

- Lack of protected bike lanes in the area
- Desire to upgrade existing and create new bike lanes:
 - New: 31st, 33rd, 21st, Steinway, 29th
 - Upgrade: 35th, 36th

Corridor Operations & Curb Management

- Need to maintain access to the curb
- Frequent double parking

Pedestrian & Public Realm Infrastructure

- Safer crossings requested at 31st Ave. and:
 - Newtown Road
 - Vernon Boulevard
 - 31st Street
 - Crescent Street
 - 33rd Street
- Desire for expanded public space and programming
- Requests for daylighting at intersections
- Need for traffic calming on the corridor

Daily Trips in Astoria:

- 53% (Walking)
- 34% (Bicycling)
 - 17% Personal Bike
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From 2023 Astoria Bike Network & Planning Survey

Safety & Vision Zero:

31st Ave. in Astoria is within a Vision Zero Priority Area.

Priority Corridors:

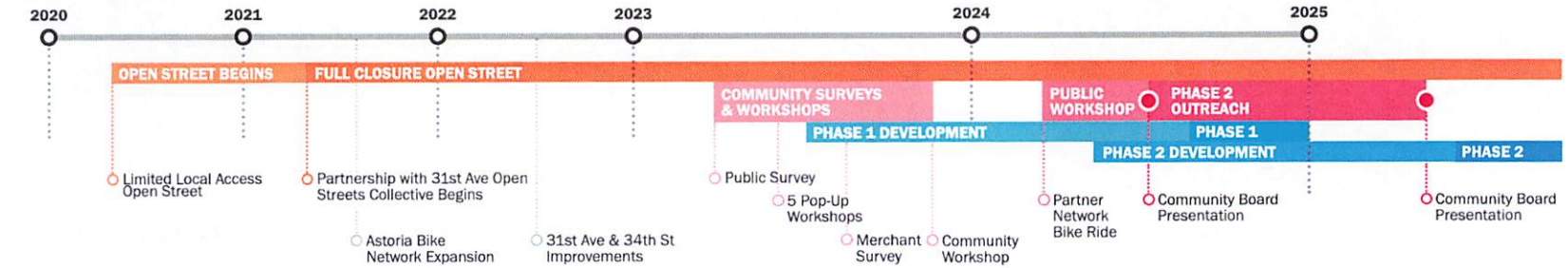
- 21st, 31st, 33rd, 38th, & Steinway St.
- 30th Ave & Broadway

Priority Intersections:

- 31st Ave. & 21st St.

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Project Timeline & Next Steps



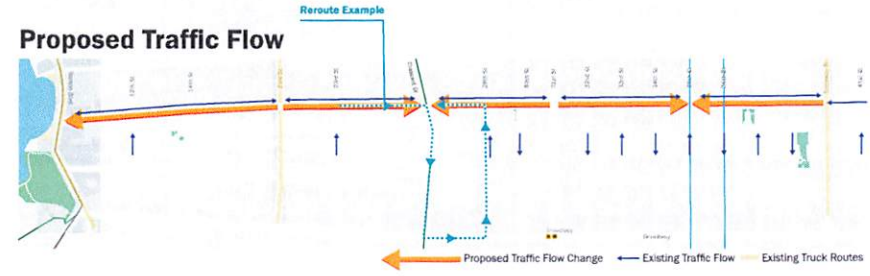
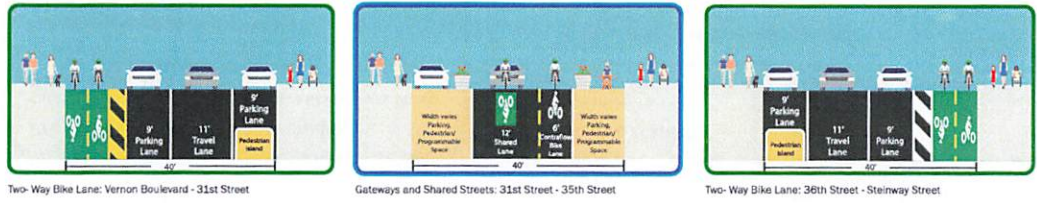
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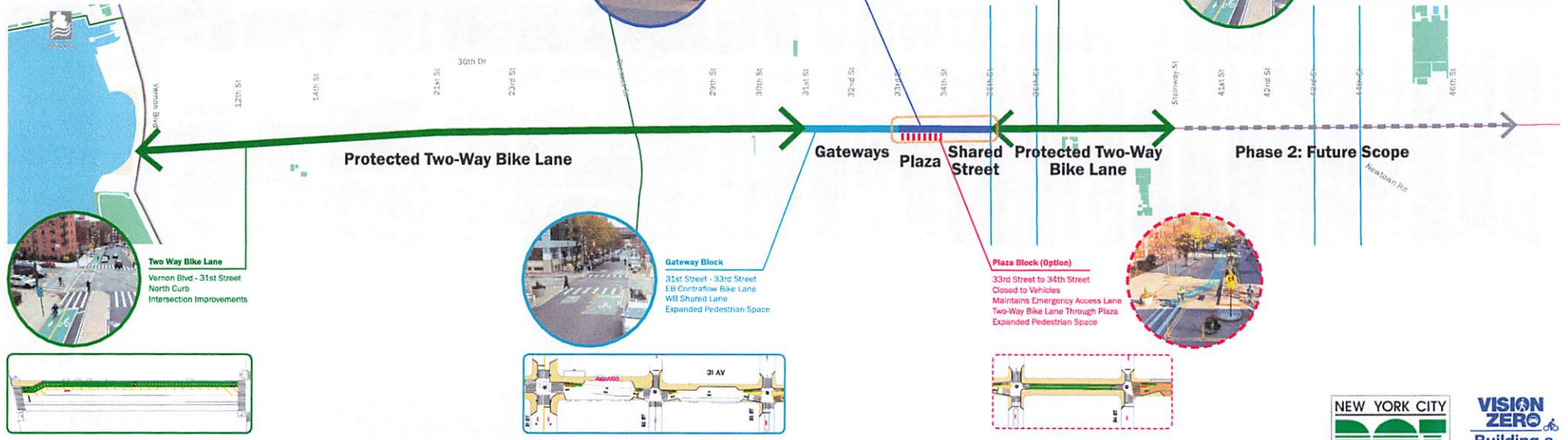
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Conceptual 31st Avenue Corridor Sections



31st Avenue Typologies





USER4

31st Avenue, Vernon Boulevard to 51st Street _ Community Workshop _ May 2024

08/28/24 03:57 PM



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ZOHRAN



**Kristen
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QUEENS • BROOKLYN • MANHATTAN



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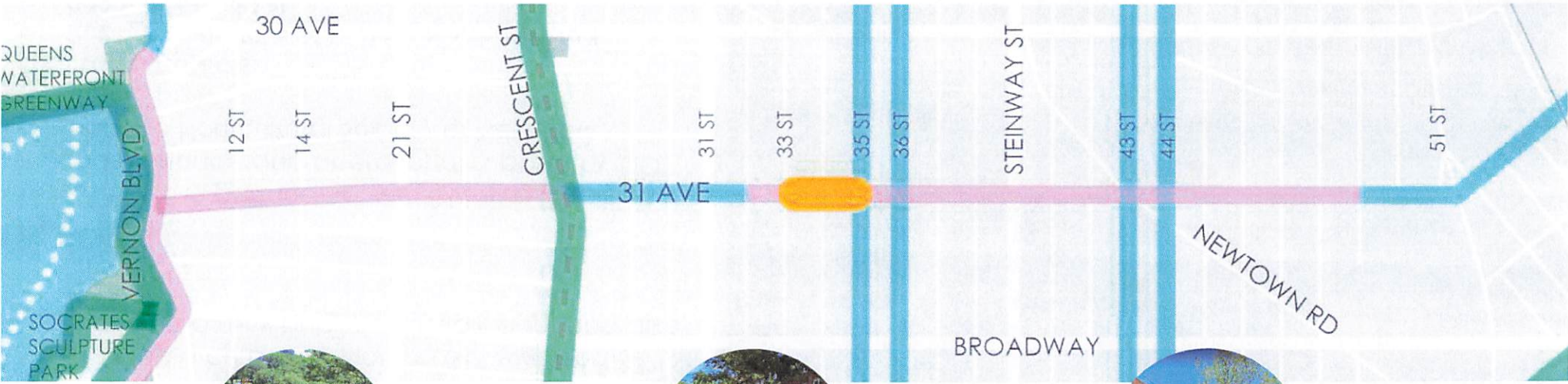
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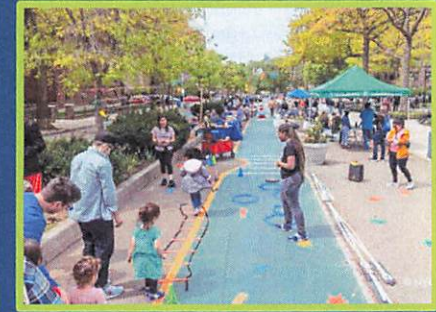
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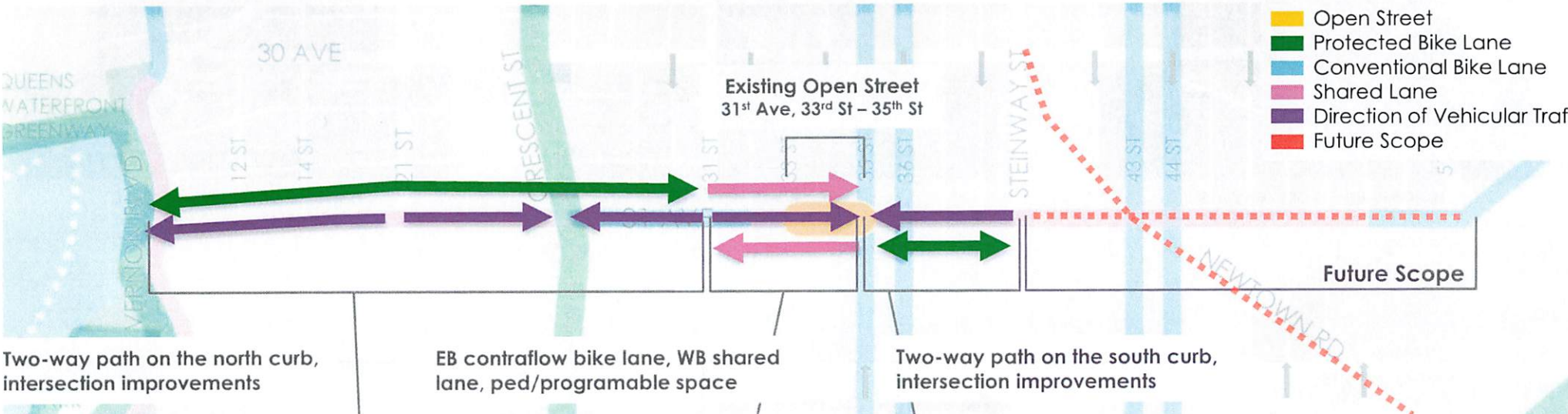
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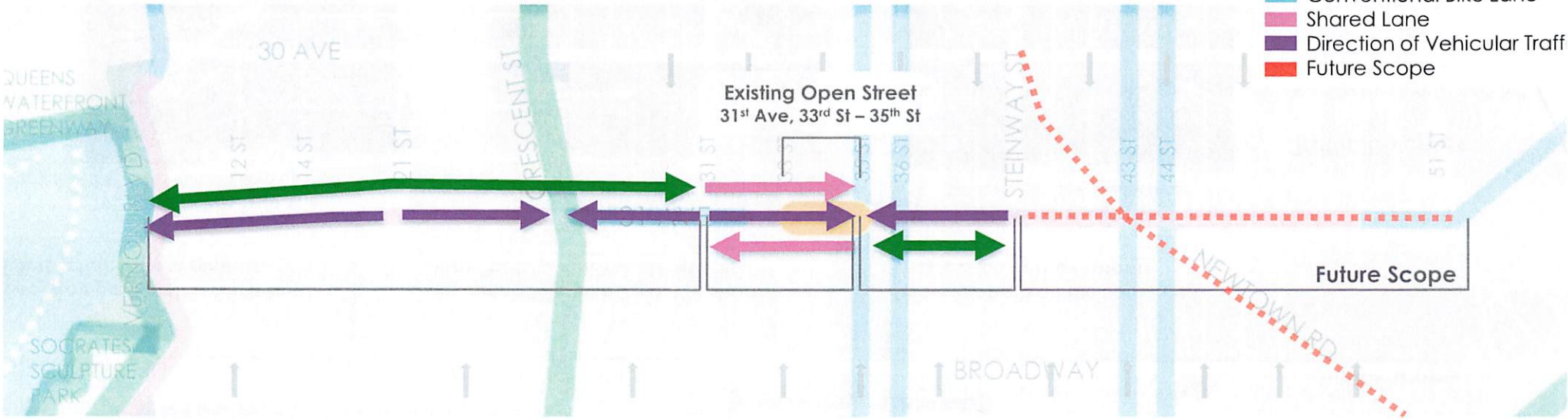
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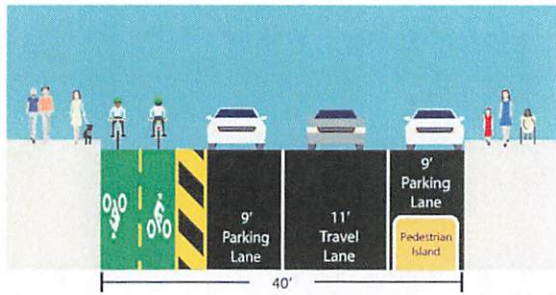
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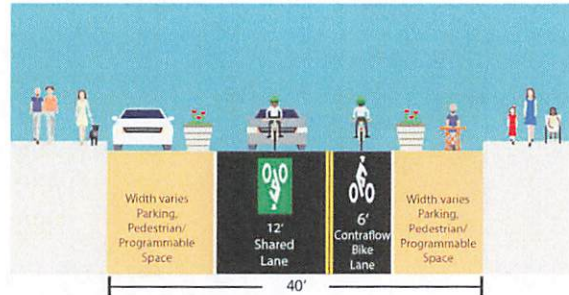
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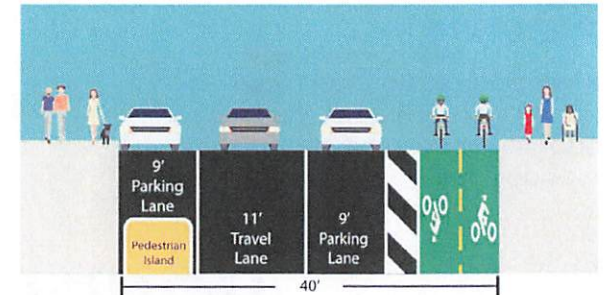
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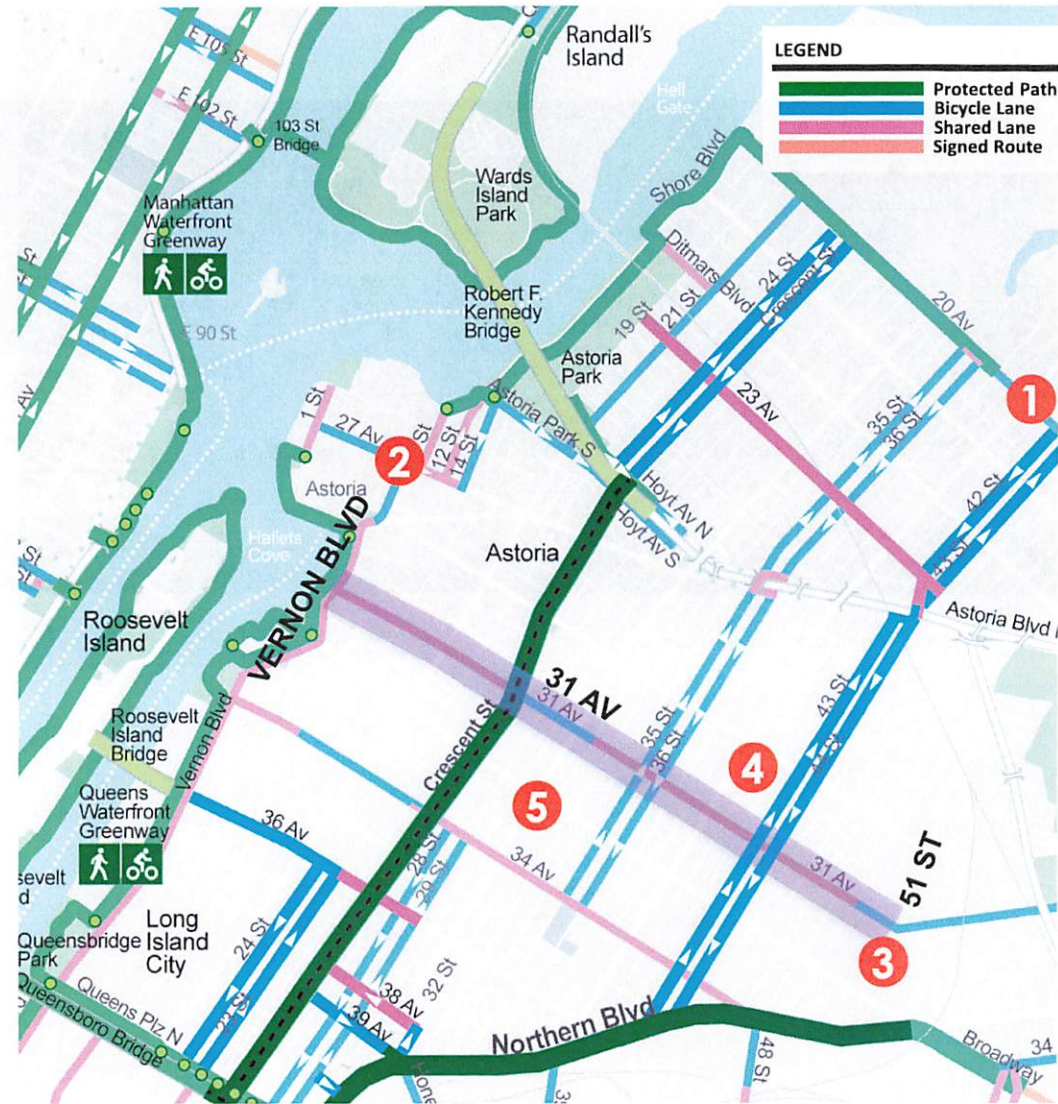
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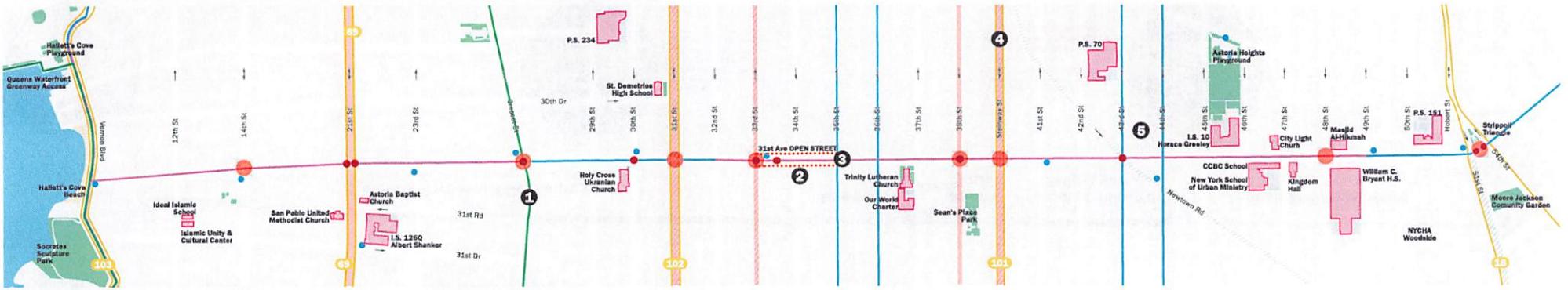
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Current Conditions on 31st Avenue, Vernon Boulevard to 51st Street



Legend

- Protected Bike Lane (Green line)
- Standard Bike Lane (Blue line)
- Shared Bike Lane (Red line)
- 31st Ave. Open Street (Dashed red line)
- Bus Route (Yellow line)
- Schools & Places of Worship (Pink outline)
- Potential Future Projects (Dotted red line)
- Vision Zero Corridors (Red outline)
- CitiBike Station (Blue circle)
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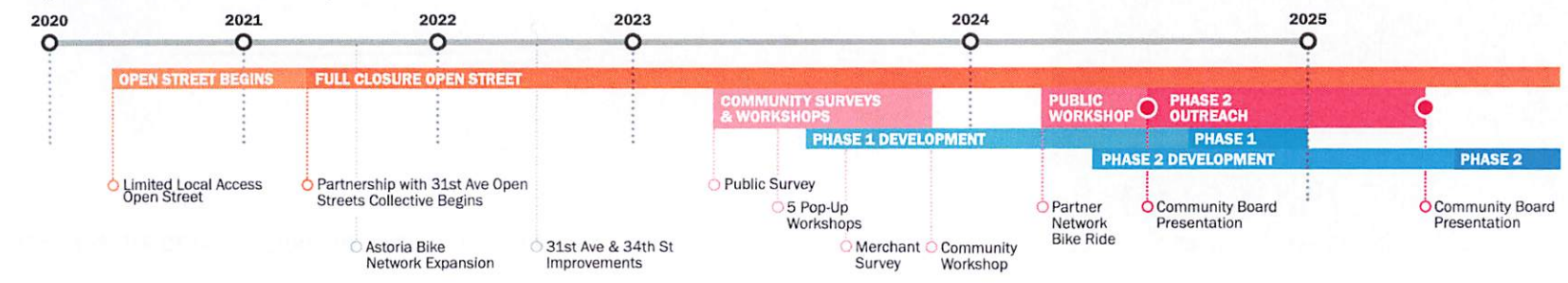
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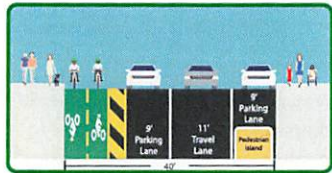
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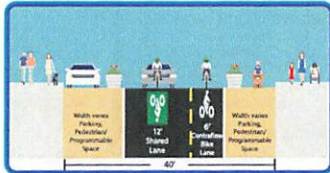
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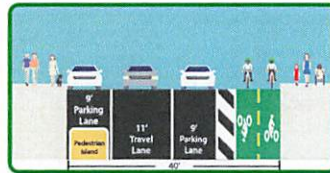
Conceptual 31st Avenue Corridor Sections



Two-Way Bike Lane: Vernon Boulevard - 31st Street



Gateways and Shared Streets: 31st Street - 35th Street



Two-Way Bike Lane: 36th Street - Steinerway Street

Proposed Traffic Flow



31st Avenue Typologies

