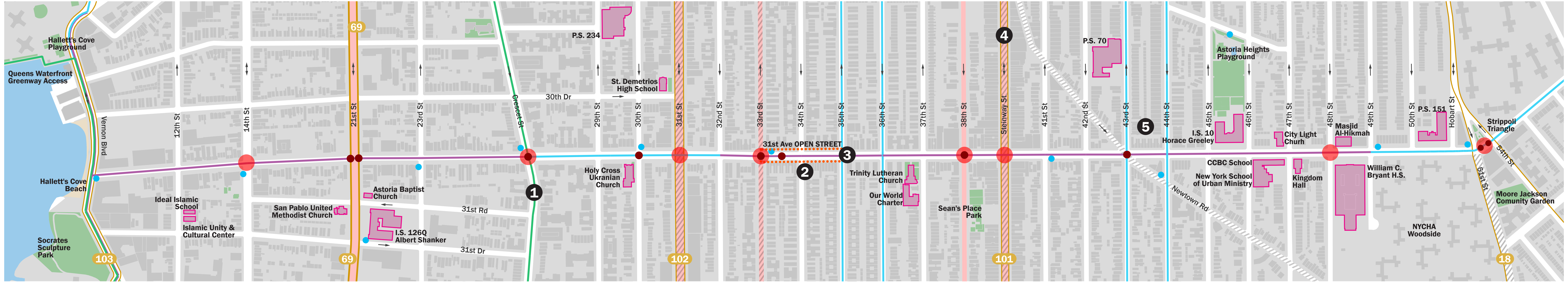


Current Conditions on 31st Avenue, Vernon Boulevard to 51st Street



Legend

- Protected Bike Lane (Green line)
- Standard Bike Lane (Blue line)
- Shared Bike Lane (Purple line)
- 31st Ave. Open Street (Red dashed line)
- Bus Route (Yellow line)
- Schools & Places of Worship (Pink outline)
- Potential Future Projects (Grey outline)
- Vision Zero Corridors (Red outline)
- CitiBike Station (Blue circle)
- > 5 Pedestrian or Cyclist Injuries (Red circle)
- Pedestrian or Cyclist Severe Injury (Red circle)

Since 2015, DOT has installed over **16.5 lane miles of protected bike lanes**, and **21 lane miles of standard bike lanes and shared lanes** in the area:

- 2021: Astoria Bike Network, Northern Boulevard
- 2020: Crescent Street
- 2016: Hoyt Avenue North
- 2016: Shore Boulevard, 20th Avenue Upgrade, 31st Avenue
- 2015: Vernon Boulevard

Previous Outreach & Workshops:

Astoria Bike Network & Public Realm Community Survey (April-June 2023)

- Over 2,200 responses; 92% of respondents live in the area

Pop-Up Workshops (Summer 2023)

- Visioning workshops across 5 locations

31st Ave. Merchant Survey (July 2023)

- 99 businesses on 31st Ave. surveyed

Community Planning Workshop (September 2023)

- 150 people provided feedback on conceptual designs

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
 - 15% CitiBike
- 11% (Driving)

From 2023 Astoria Bike Network & Planning Survey

Safety & Vision Zero:

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

Priority Corridors:

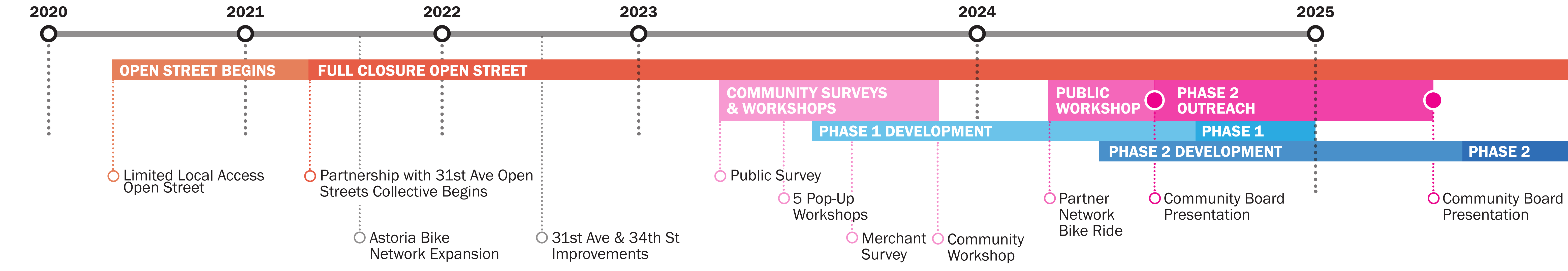
- 21st, 31st, 33rd, 38th, & Steinway St.
- 30th Ave & Broadway

Priority Intersections:

- 31st Ave. & 21st St.

In September 2020, there was a cyclist fatality at 31st Ave. & 51st St.

Project Timeline & Next Steps

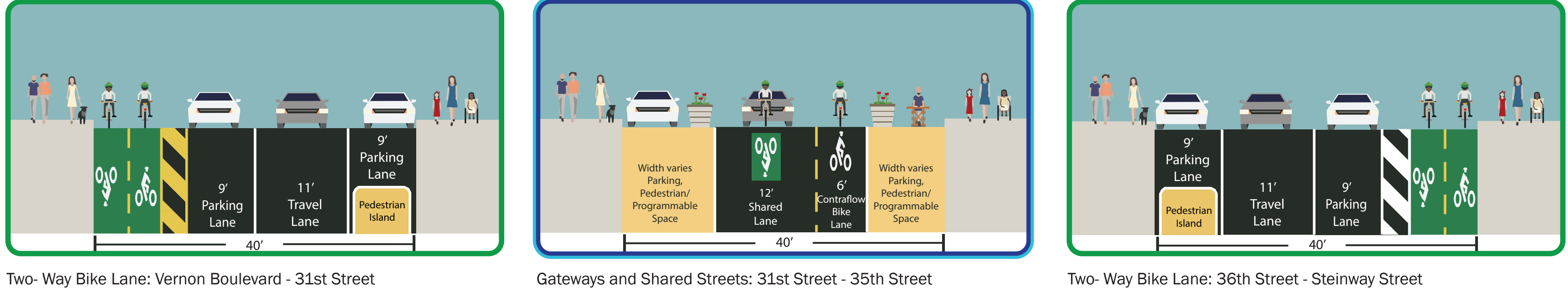


31st Avenue Corridor Concept and Project Phasing

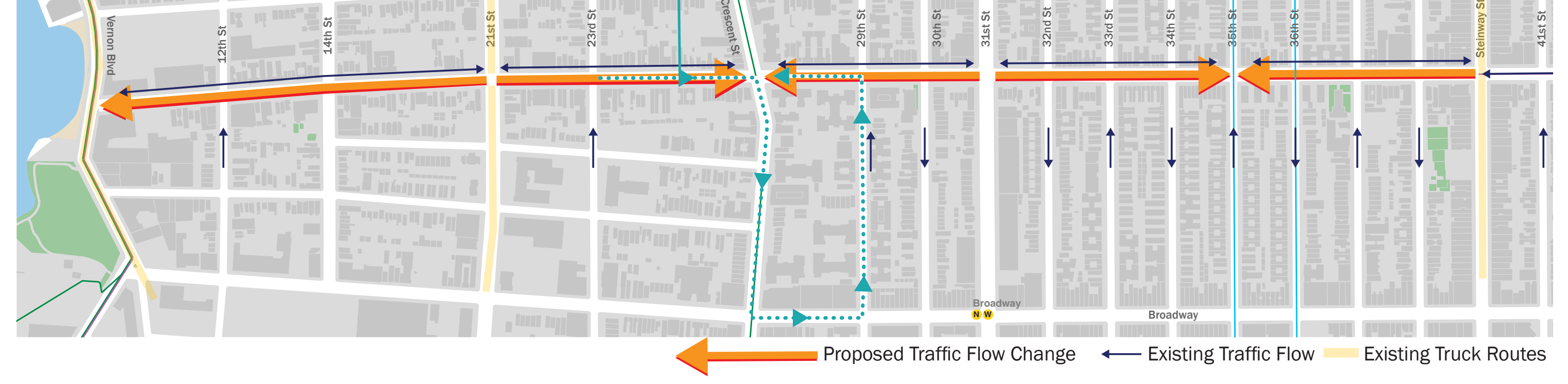


- ### GOALS FOR A PUBLIC REALM AND CYCLING CORRIDOR
- Calm traffic for cyclists and pedestrians
 - Reinforce and support Open Street operations and the cycling experience on 31st Avenue
 - Improve and strengthen bicycle connections through protected bike lanes on 31st Avenue
 - Expand pedestrian space in the heart of 31st Avenue's commercial area

Conceptual 31st Avenue Corridor Sections



Proposed Traffic Flow



31st Avenue Typologies

