



# **CB11 AREA, QUEENS**

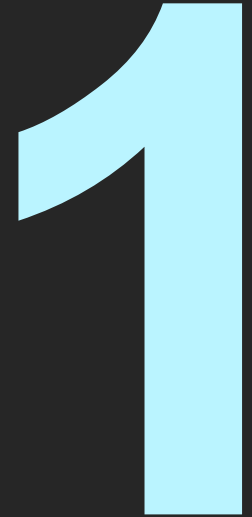
## **BICYCLE LANE NETWORK DEVELOPMENT REVISED PROPOSAL**

Community Board 11 Full Board Presentation  
September 12, 2022



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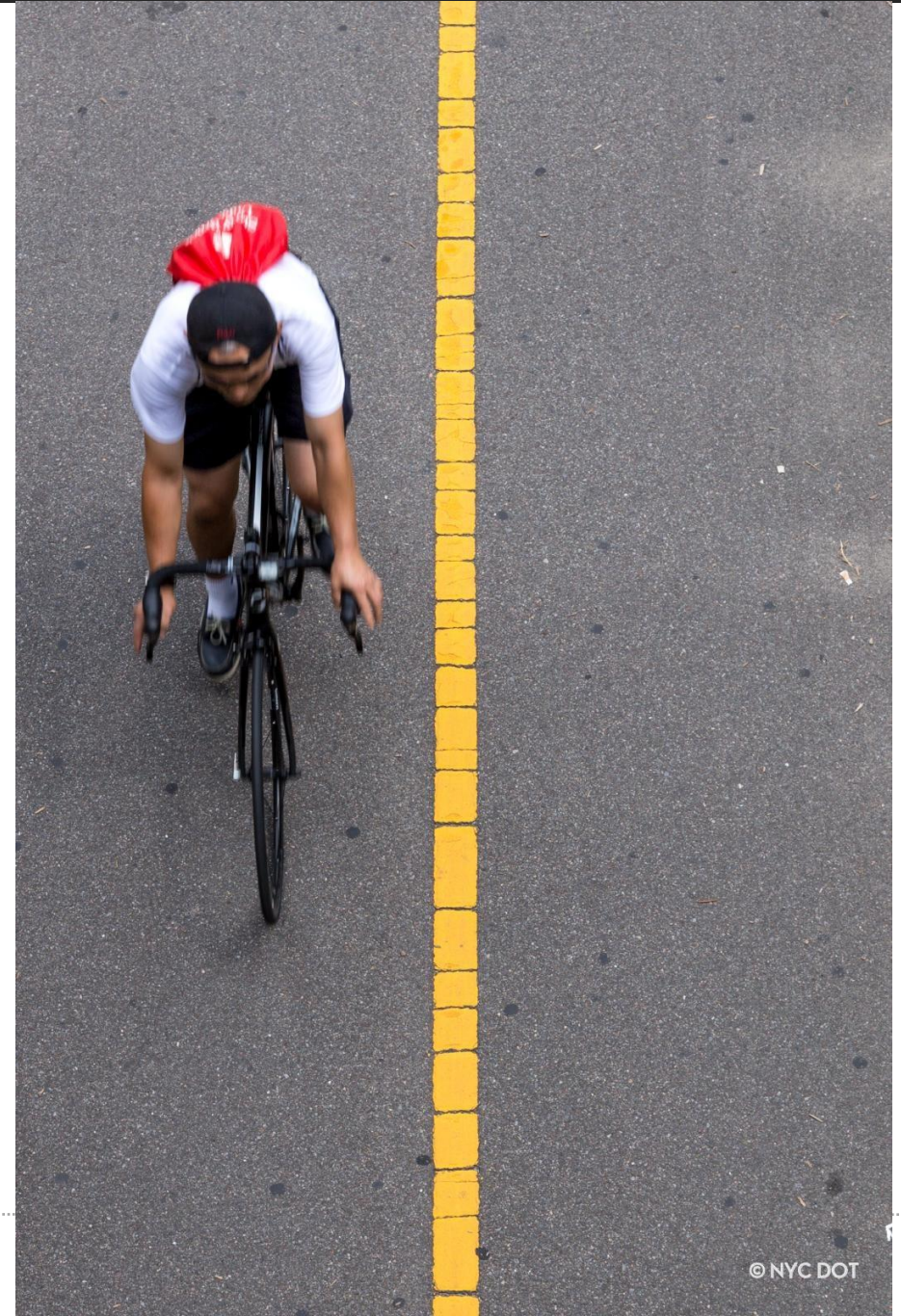
# Background





# Planning Context and Outreach

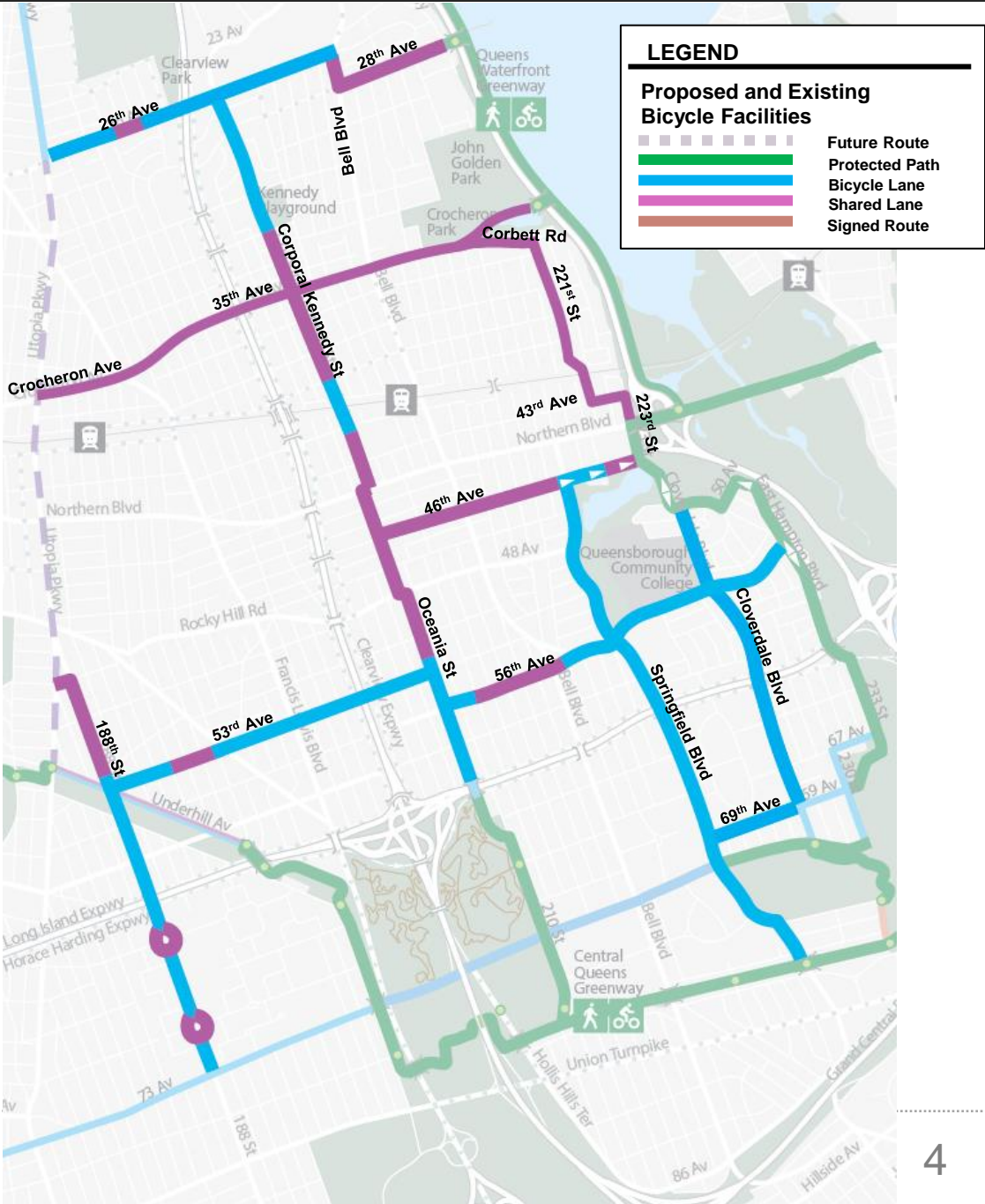
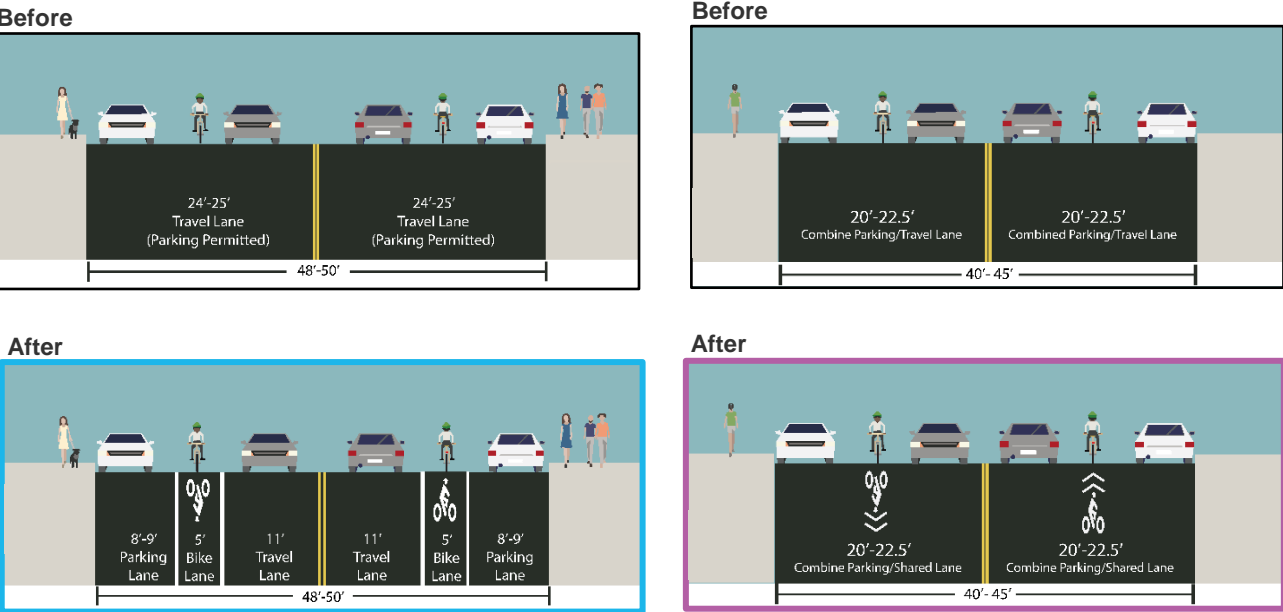
- NYC Parks Eastern Queens Greenway planning process started September 2020
- In March 2021, CB 11 Transportation Committee passed resolution requesting safety study on Utopia Parkway and to expand bike lane from 26th Avenue
- In October 2021, DOT presented a bicycle lane network with standard and shared lanes
- In January 2022, CB 11 Transportation Committee sent a letter to DOT with recommendations for parking protected bicycle lanes, and requests to not implement certain proposed routes
- In Spring 2022, reviewed requests from CB 11 Transportation Committee members to update the plan and continued to provide clarification to questions about the plan
- In June 2022, DOT presented a revised and updated bicycle lane network with protected lanes
- In August 2022, DOT went back to the CB 11 Transportation Committee to do a follow up presentation at their request to respond to additional questions



# What DOT Proposed

In October 2021, DOT presented a bicycle lane network with standard and shared lanes.

## Typical Cross Sections





# What CB11 Asked For

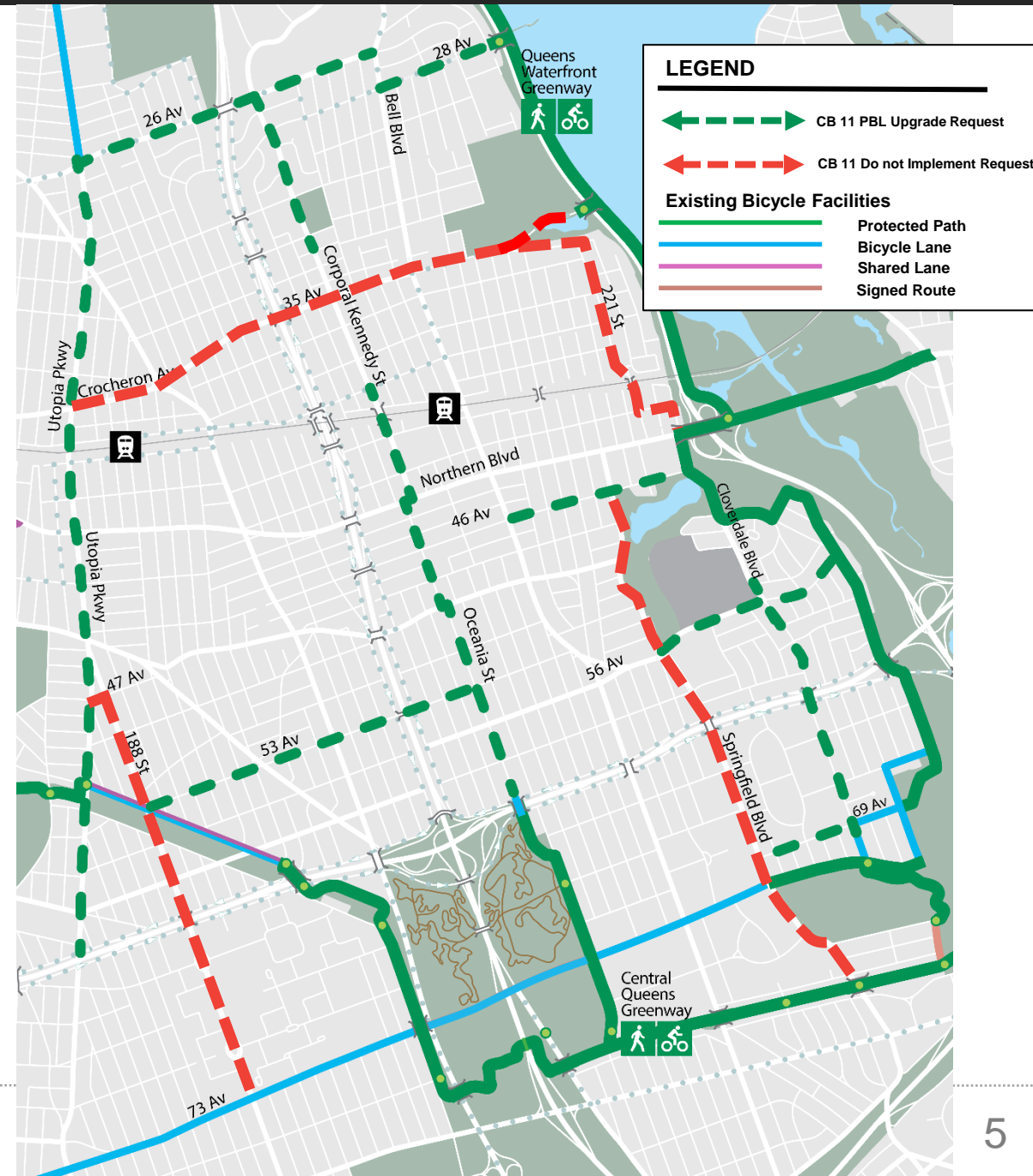
In January 2022, CB11 Transportation Committee sent a letter to DOT with recommendations for parking protected bicycle lanes, and requests to not implement certain proposed routes.

## Request for protected bicycle lane utilizing floating parking:

1. Corporal Kennedy St
2. 26<sup>th</sup> Av, 28<sup>th</sup> Av
3. 46<sup>th</sup> Av
4. 53<sup>rd</sup> Av, 56<sup>th</sup> Ave
5. Cloverdale Blvd, 69<sup>th</sup> Av
6. Utopia Pkwy

## Request to not implement:

- Springfield Blvd
- 35<sup>th</sup> Ave, Crocheron Av, Corbett Rd, 221<sup>st</sup> St, 43<sup>rd</sup> Av, 223<sup>rd</sup> St
- 188<sup>th</sup> St, 47<sup>th</sup> Av



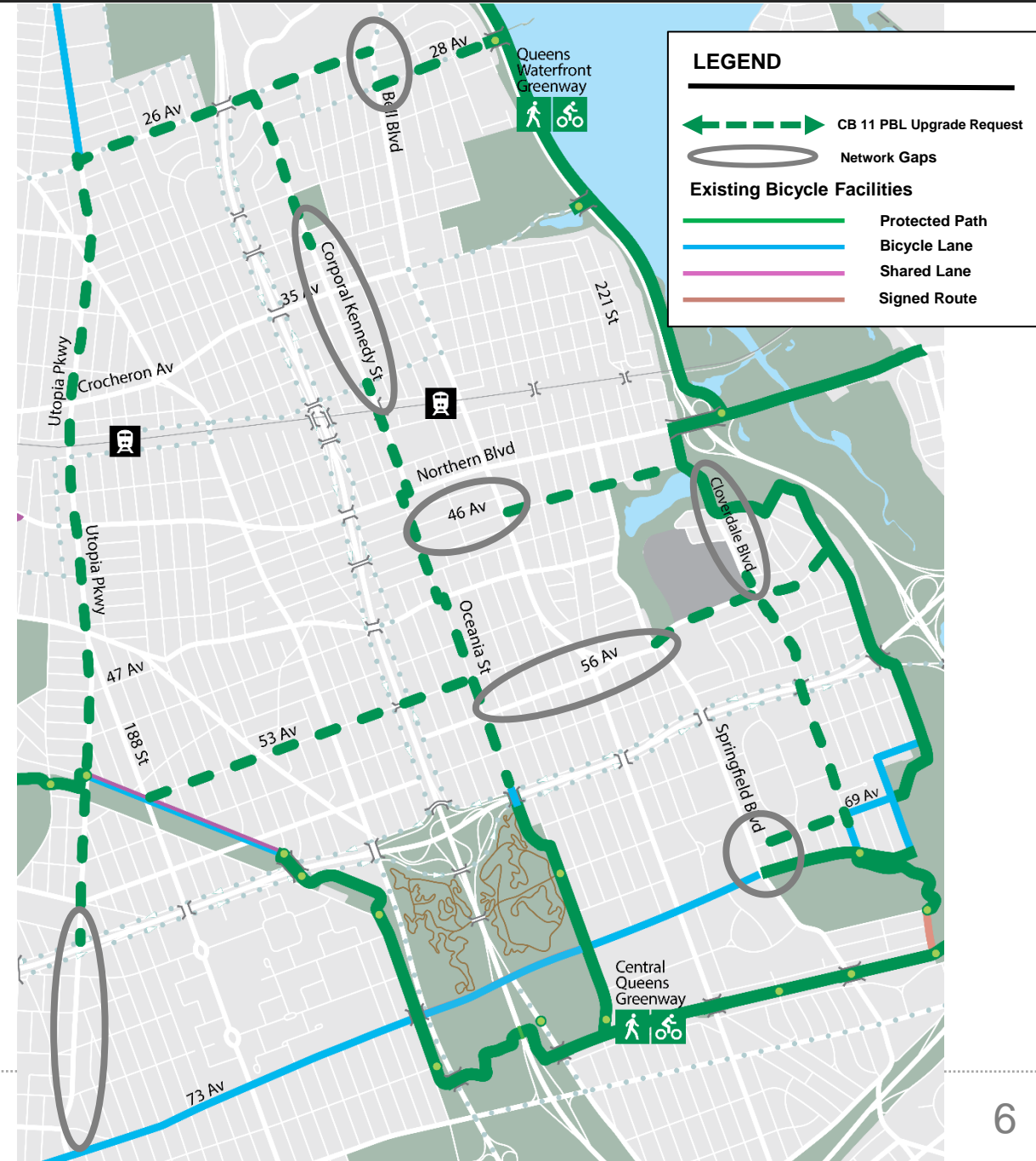
# Trade Offs

## Benefits

- More protected bicycle lanes (PBLs)
- Utopia Parkway – DOT is currently studying corridor for potential addition of PBL
- Connections to Greenways

## Drawbacks

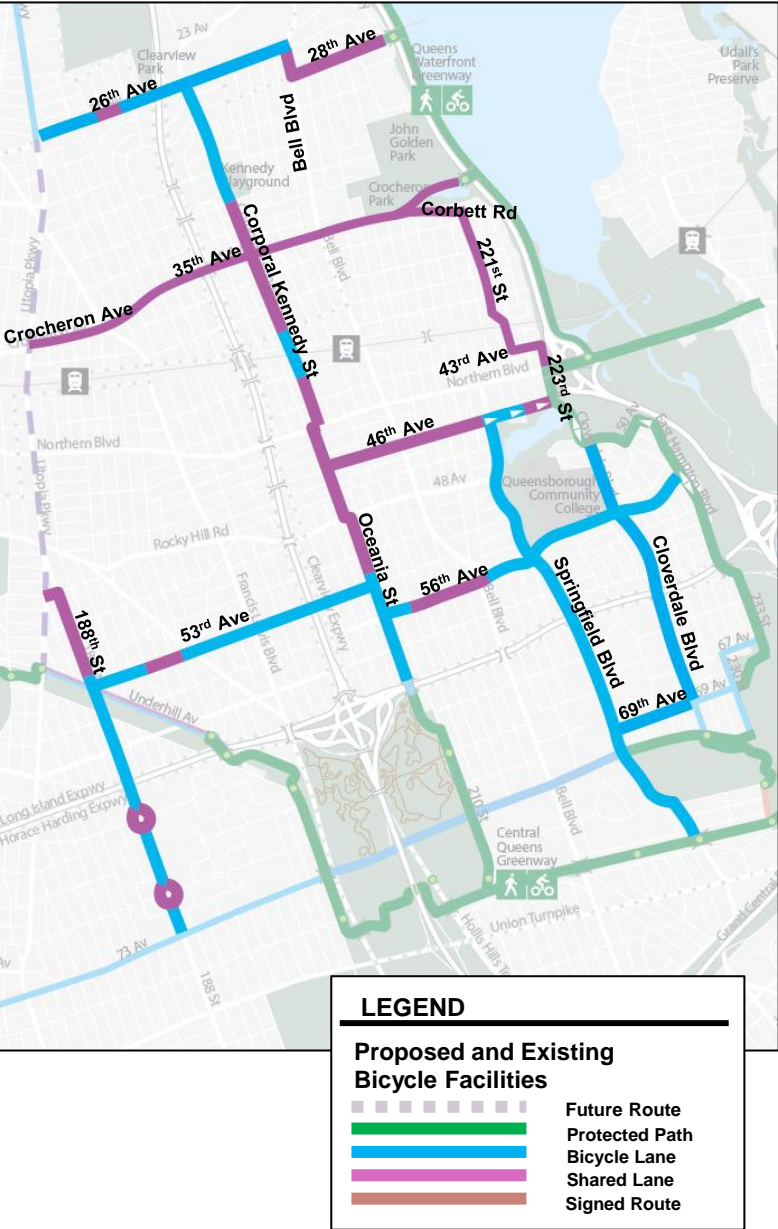
- Gaps in the network are disorienting for cyclists
  - Standard and shared lanes can provide wayfinding and dedicated space for cyclists where PBLs are not feasible
- Lack of east-west connection
- Cut off connection to Vanderbilt Motor Pkwy
- Parking impact or travel lane removal necessary





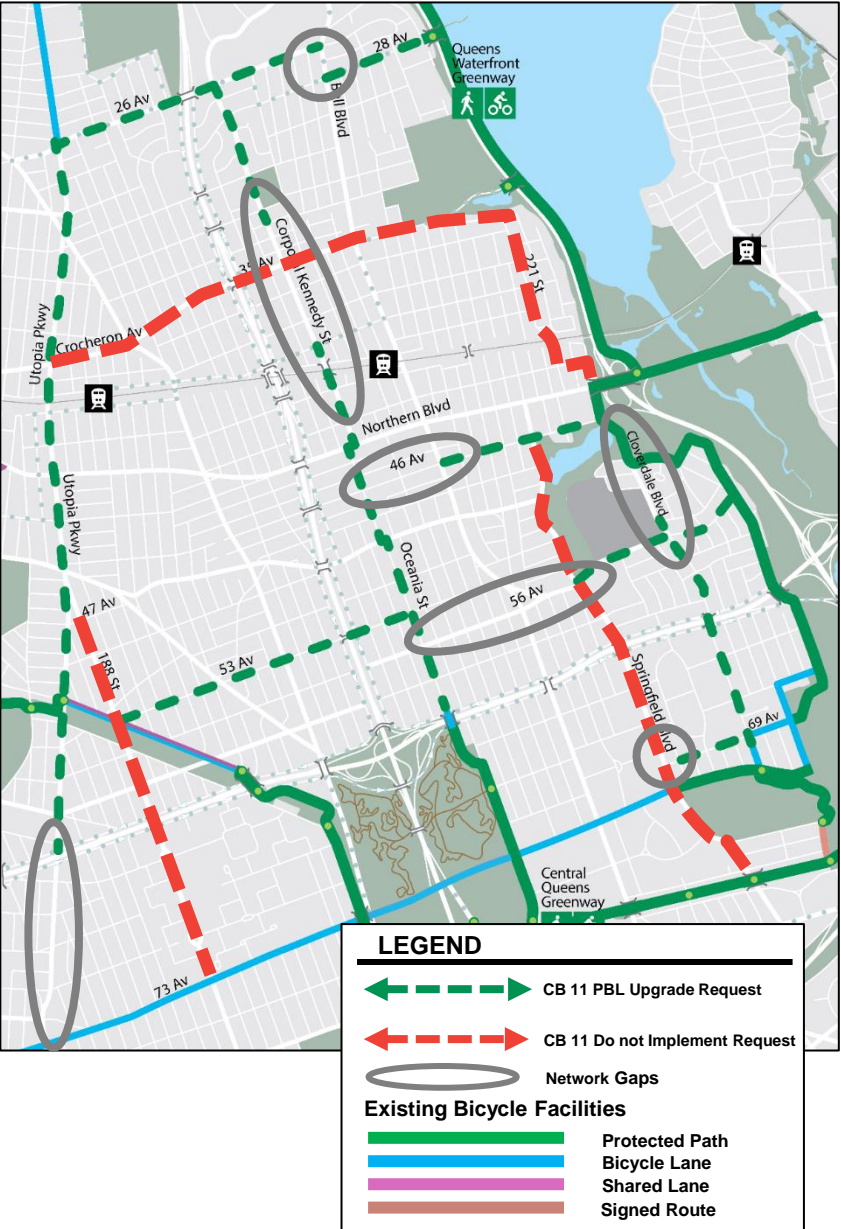
# What DOT Proposed

October 2021



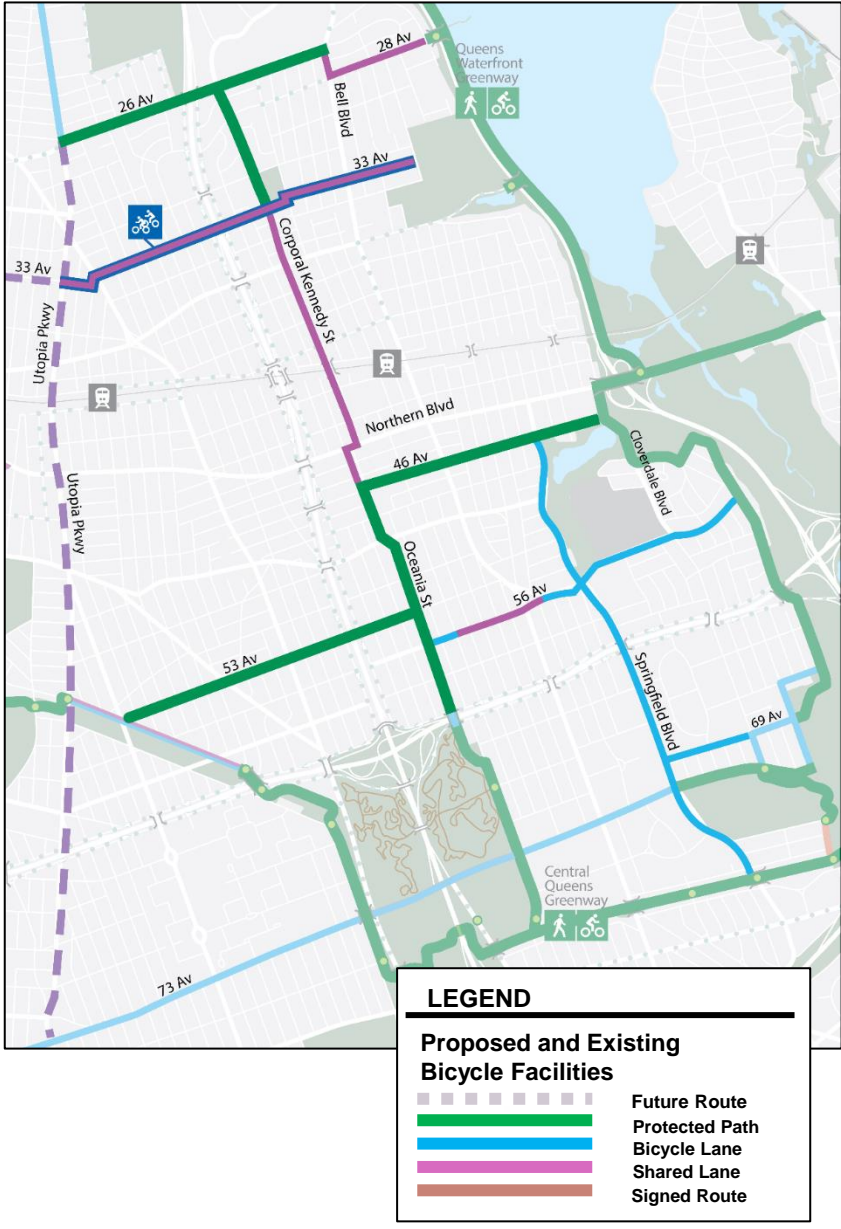
# What CB11 Asked For

January 2022



# What DOT Updated

June 2022



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## What Goes Into a PBL

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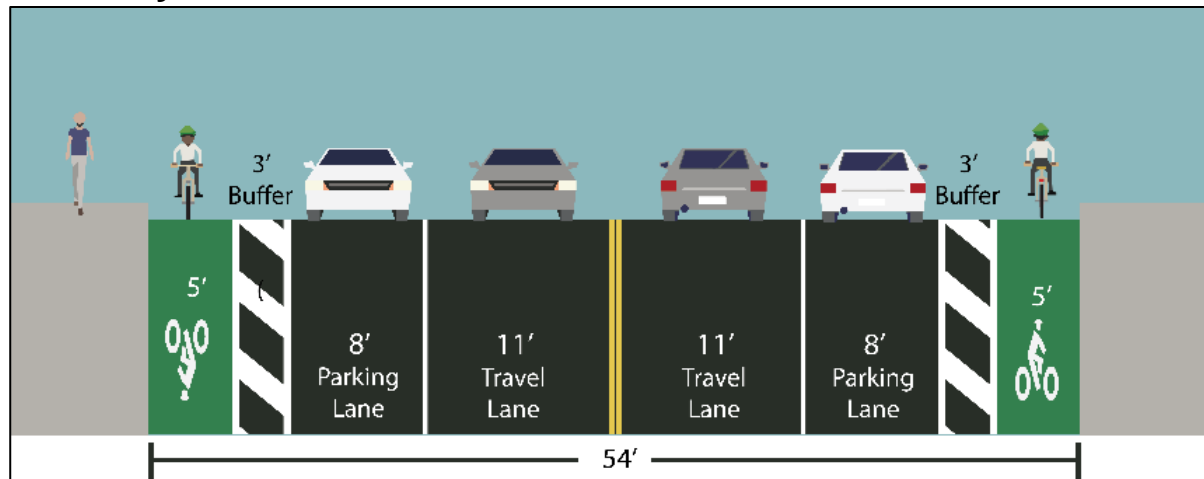
# Typical PBL Design

**Protect bike lanes** fully separate cars and bikes, increases safety for all road users by shortening pedestrian crossing distances and improving visibility for pedestrians.

**Typically require trade-offs** such as repurposing parking, reducing travel lane/s, or converting a street to one-way.

*Few roadways in CB 11 are 54' wide, additional options explored.*

## Two-Way Street PBL Standard



Before



Typical Two-Way Street

After



Example: Vernon Blvd, QN



Example: Fountain Ave, BK

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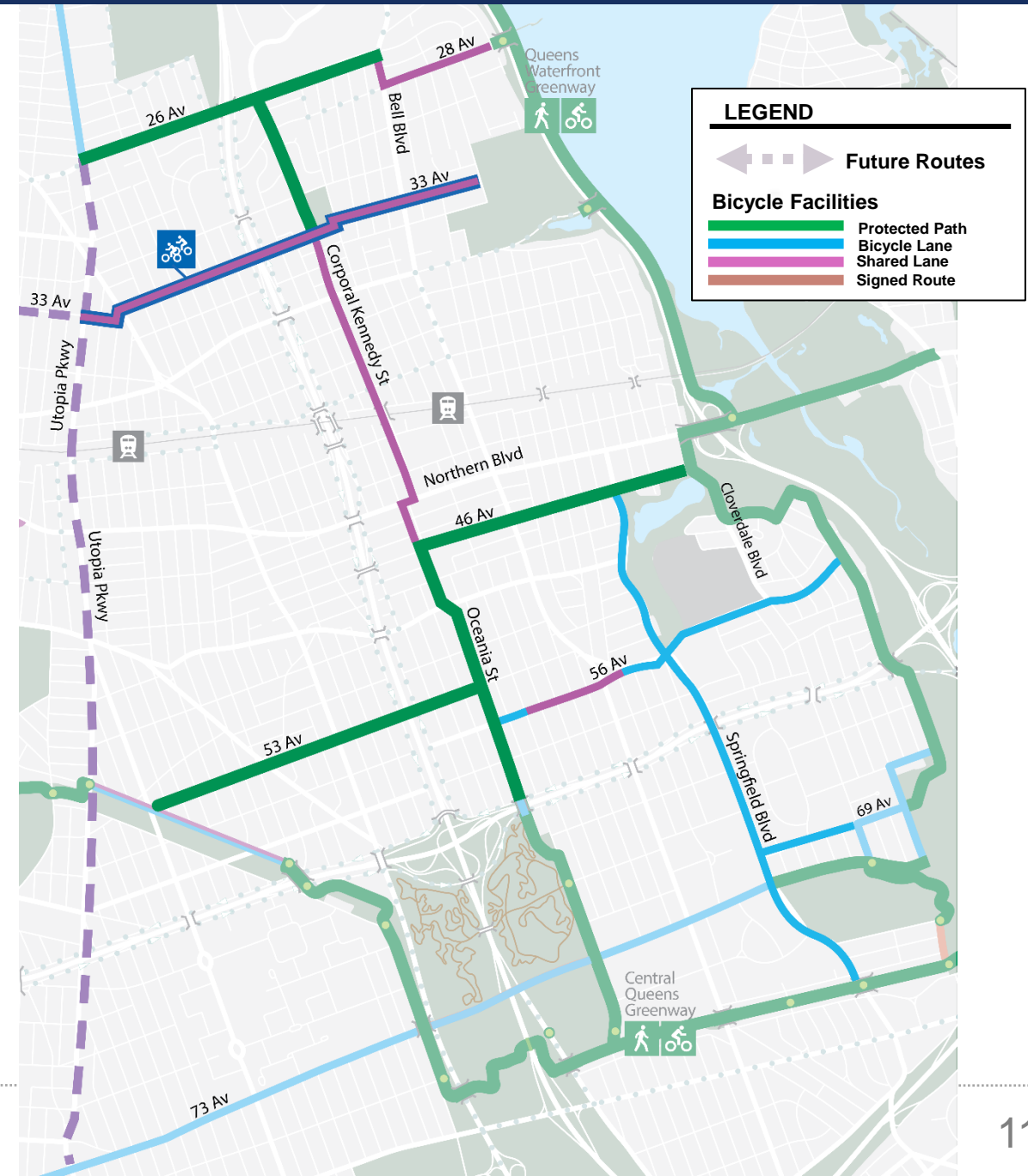
# Proposal

# 3



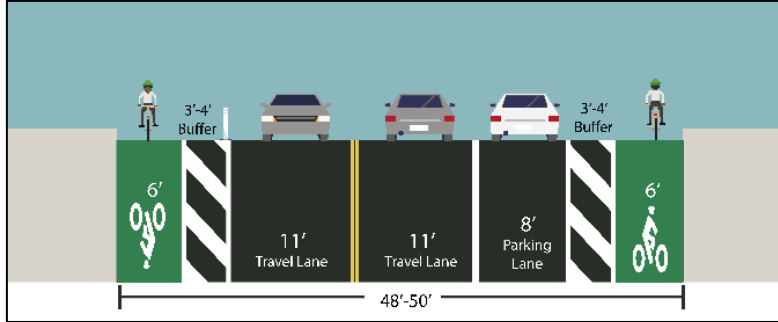
# Revised Proposal

- Expand the bicycle network
  - Protected bicycle lanes increase safety for all road users
  - Standard and shared bicycle lanes provide wayfinding
  - Traffic calming measures foster pedestrian-cyclist safety
- Benefits
  - Organize the roadway, increase predictability of cyclist location for drivers and pedestrians
  - Improve access to community amenities
  - Create safer, more convenient cycling to parks, the Eastern Queens Greenway, and surrounding neighborhoods
  - Close gaps within bike network and build out the spine for future on-street connections

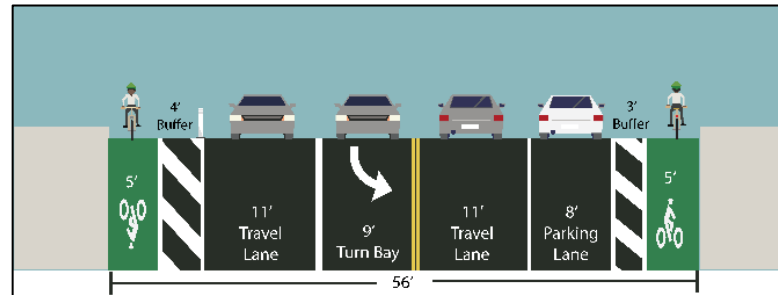


## Protected Path Cross Section

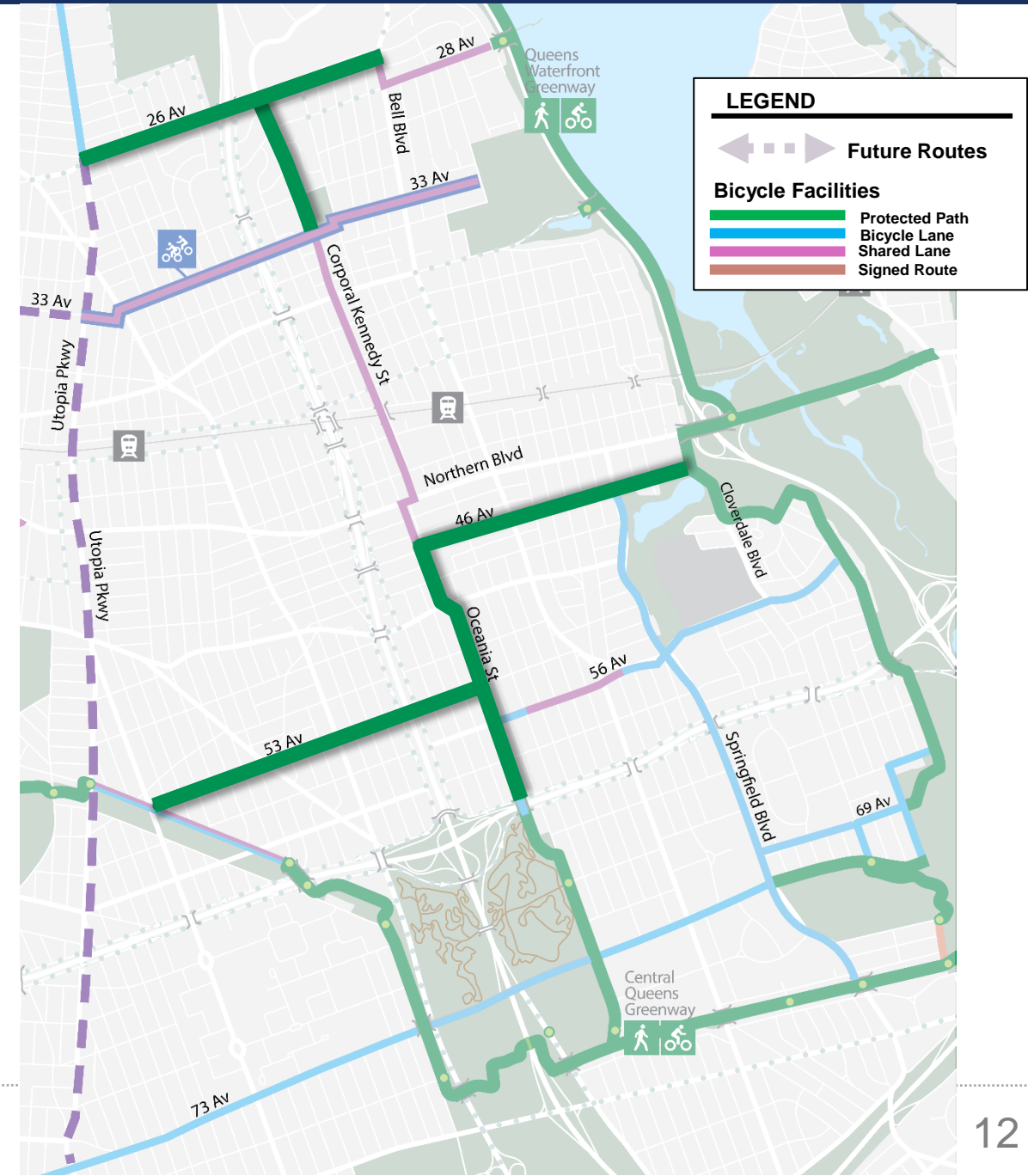
- 26 Av, Utopia Pkwy to Clearview Expy
- 53 Av, Underhill to Oceania St
- Corporal Kennedy, 26 Av to 33 Av
- Oceania St, 46 Av to Horace Harding Expy



- 26th Ave, Clearview Expy to Bell Blvd



- Installation of protected bike lanes requires repurposing parking along half of each corridor due to narrow streets
- Residential corridors feature driveways/off-street parking options

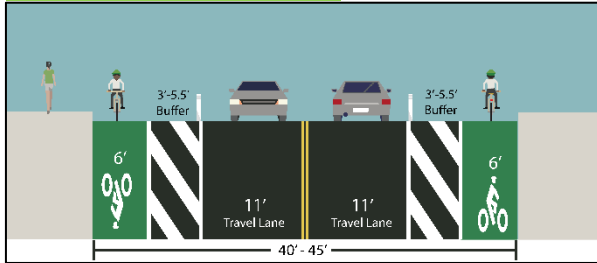




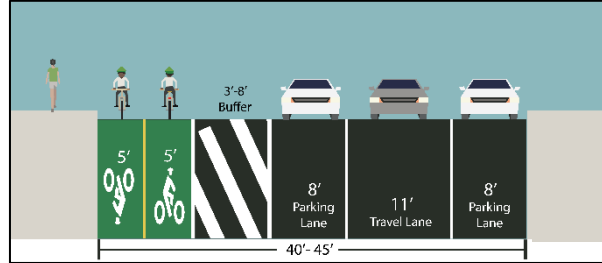
## Protected Path, Narrower Cross Section

### ○ 46 Av, Oceania St to Cloverdale Blvd

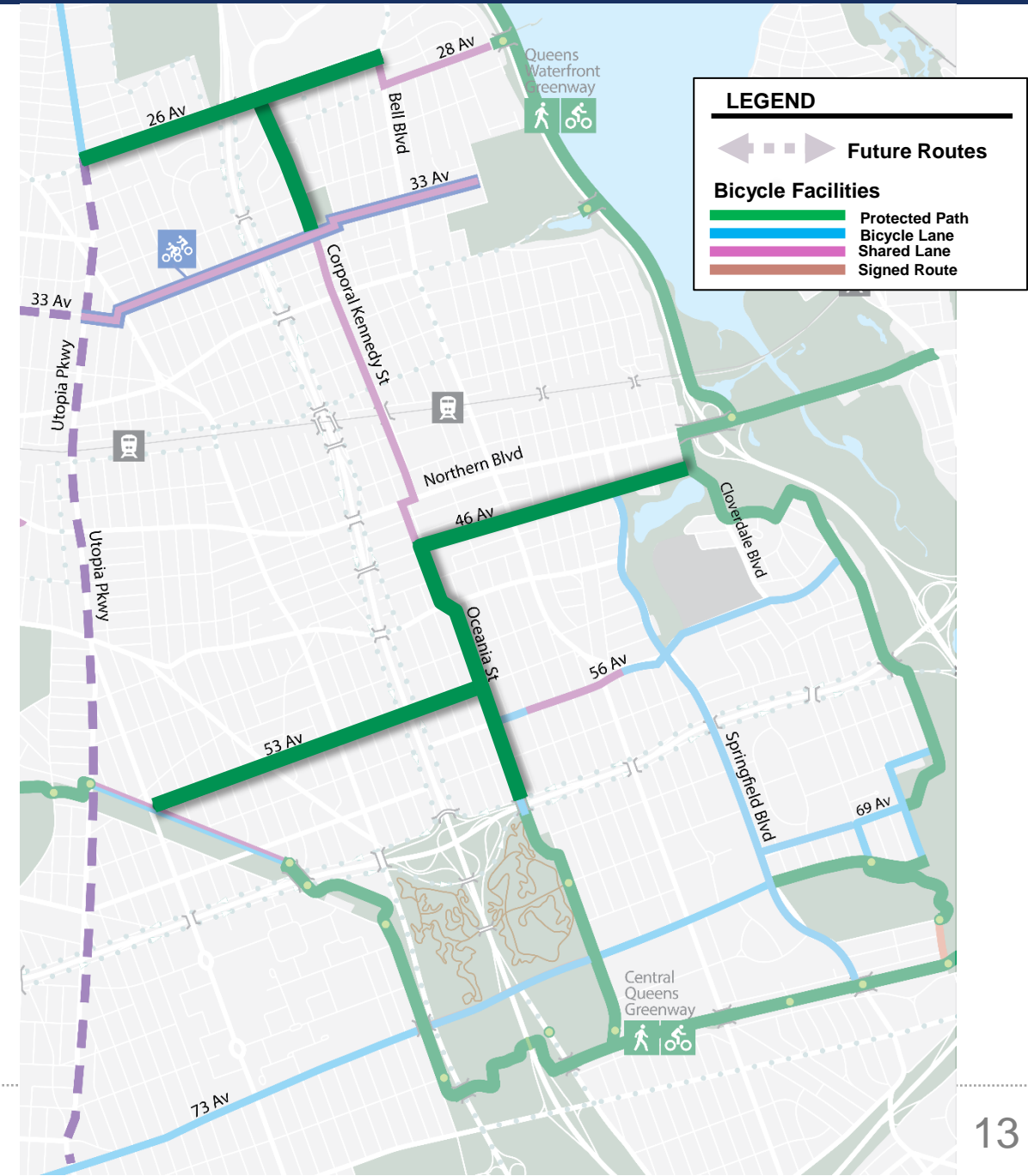
Scenario A: Parking Removal



Scenario B: One-Way Conversion/Lane Removal

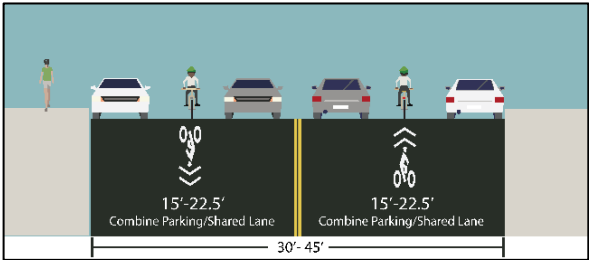


- Scenario A:
  - Curbside protected bike lanes require repurposing parking on both sides of the corridor
- Scenario B:
  - Two-way bike lane maintains parking on both sides of the corridor
  - Requires conversion from two-way street to one-way street

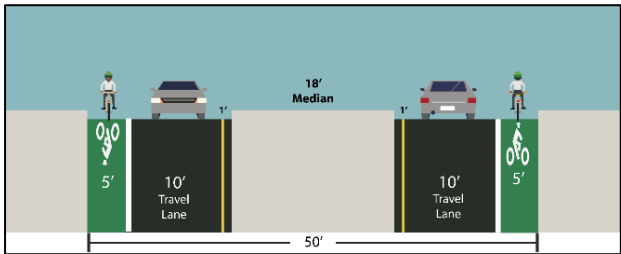
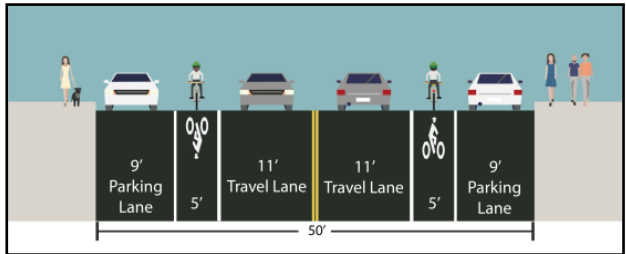


# Standard and Shared Lanes Cross Section

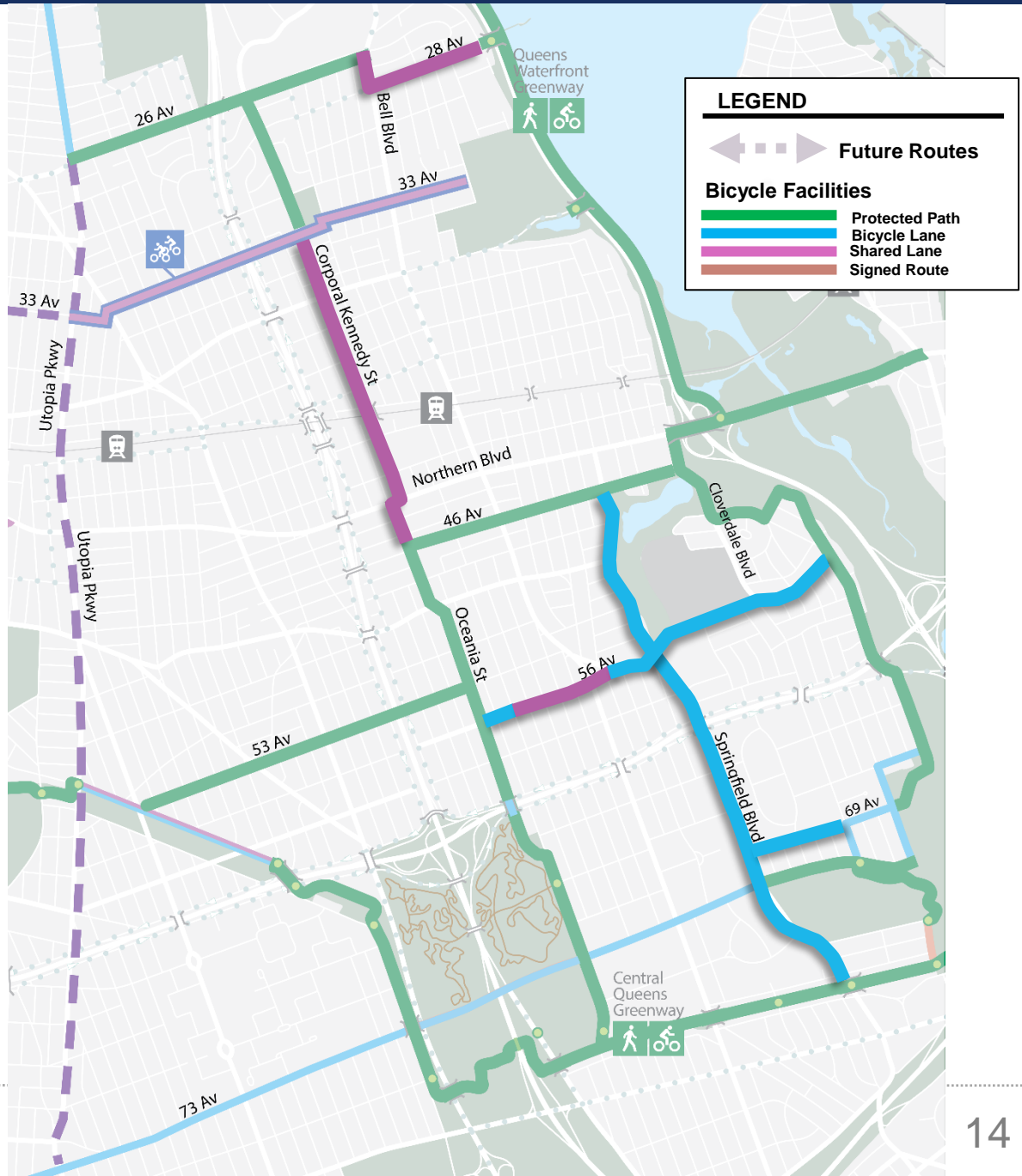
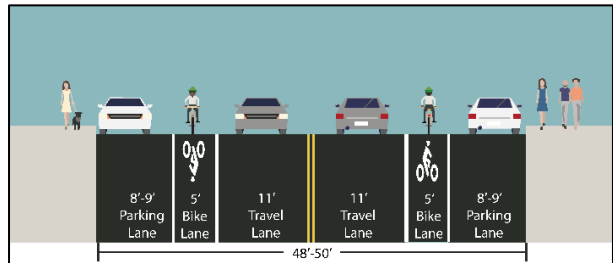
- 28<sup>th</sup> Ave (35')
- Corporal Kennedy St and Oceania St (30'- 45')



- 56<sup>th</sup> Ave



- Springfield Blvd
- 69<sup>th</sup> Ave





## 33<sup>rd</sup> Ave Calm Corridor: *Prioritizing Pedestrian-Cyclist Safety*

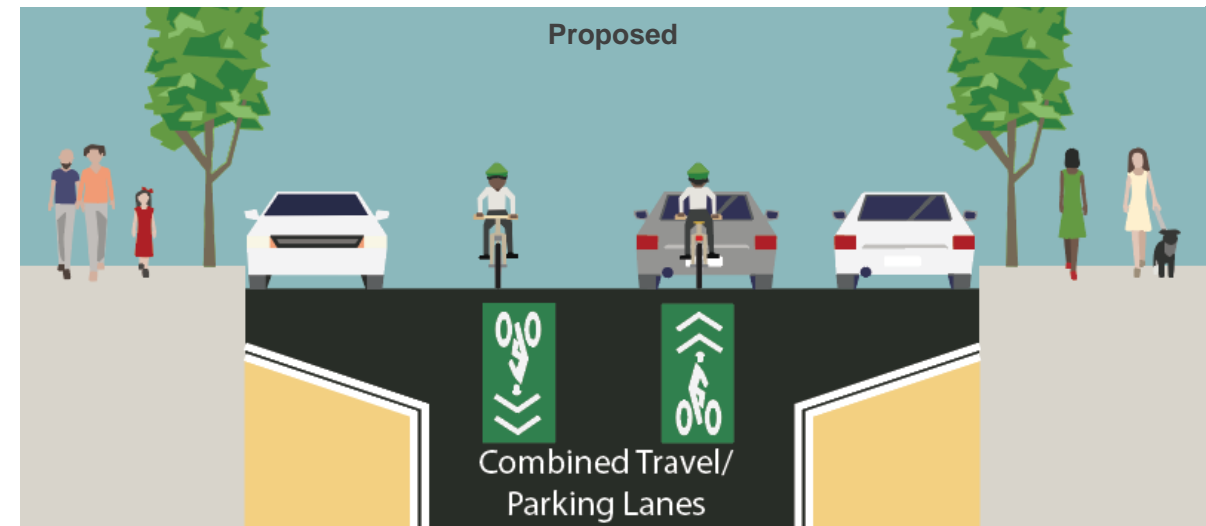
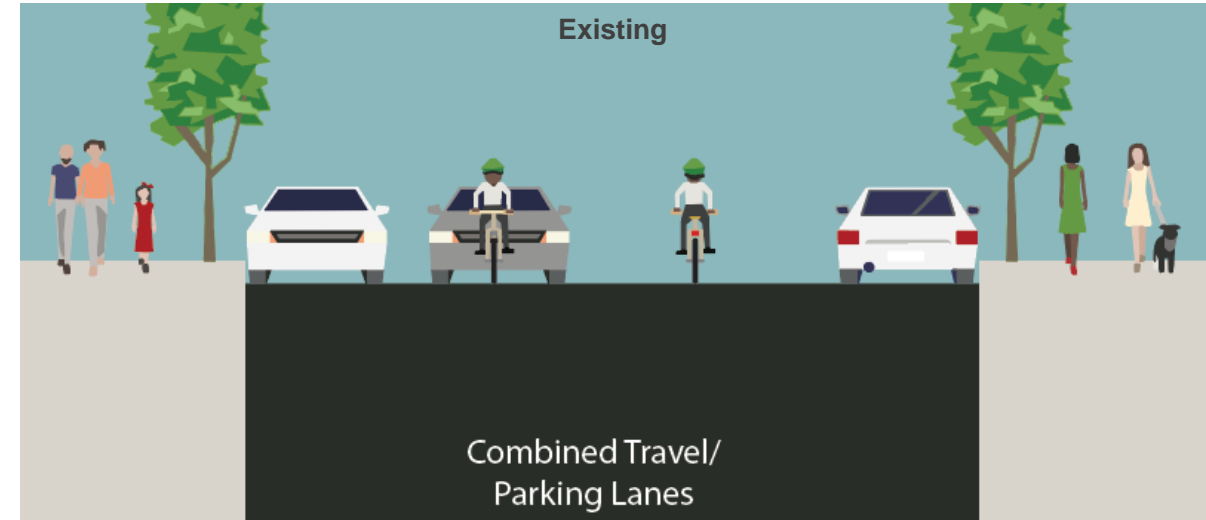


### Volume and Speed Management

- Low vehicular volumes
- Three existing breaks along the corridor that serve as “natural” traffic diverter
  - **210<sup>th</sup> St:** dogleg intersection
  - **Clearview Expwy:** existing at-grade pedestrian bridge
  - **Francis Lewis Blvd:** EB 33 Av is forced right turn onto SB Francis Lewis Blvd

### Wayfinding and Markings

- Reduce speed limit signage, bike lane markings, pedestrian spaces



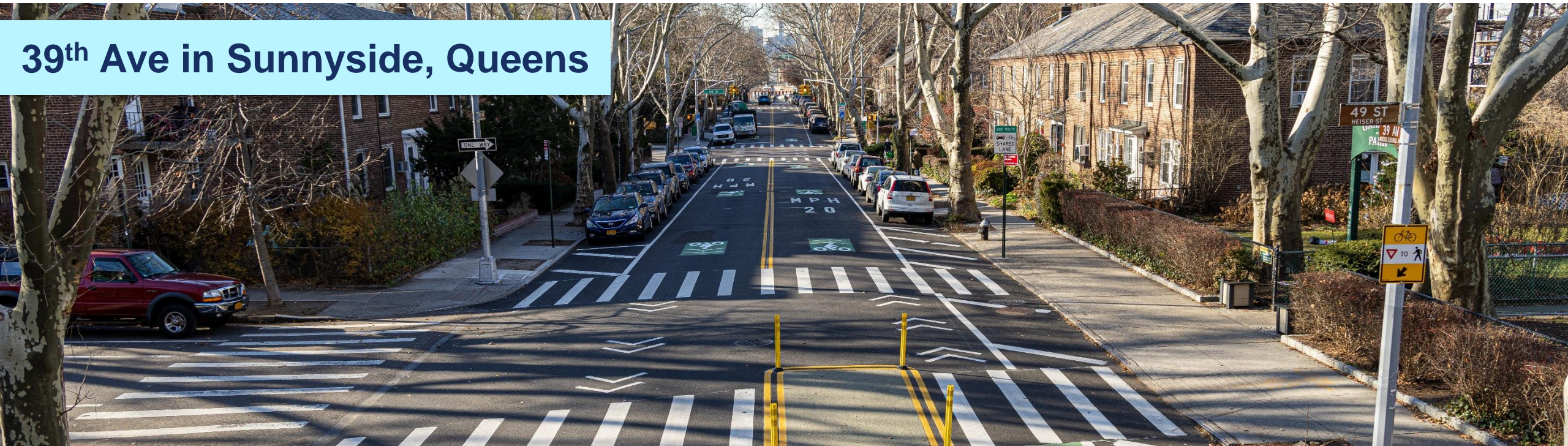


# Calm Corridors

Traffic calming projects **address vehicular speeding and cut-through traffic** on neighborhood streets.

Roadways can be designed to **reduce speeding and vehicular volumes to create a low-stress environment** for pedestrians, cyclists, and micro-mobility users.

## 39<sup>th</sup> Ave in Sunnyside, Queens





# Traffic Calming Design Elements



Reduced Speed Limit



Curb Extensions



Enhanced Crossings



Signal Timing



Traffic Diverters

## Netherland Ave in Staten Island



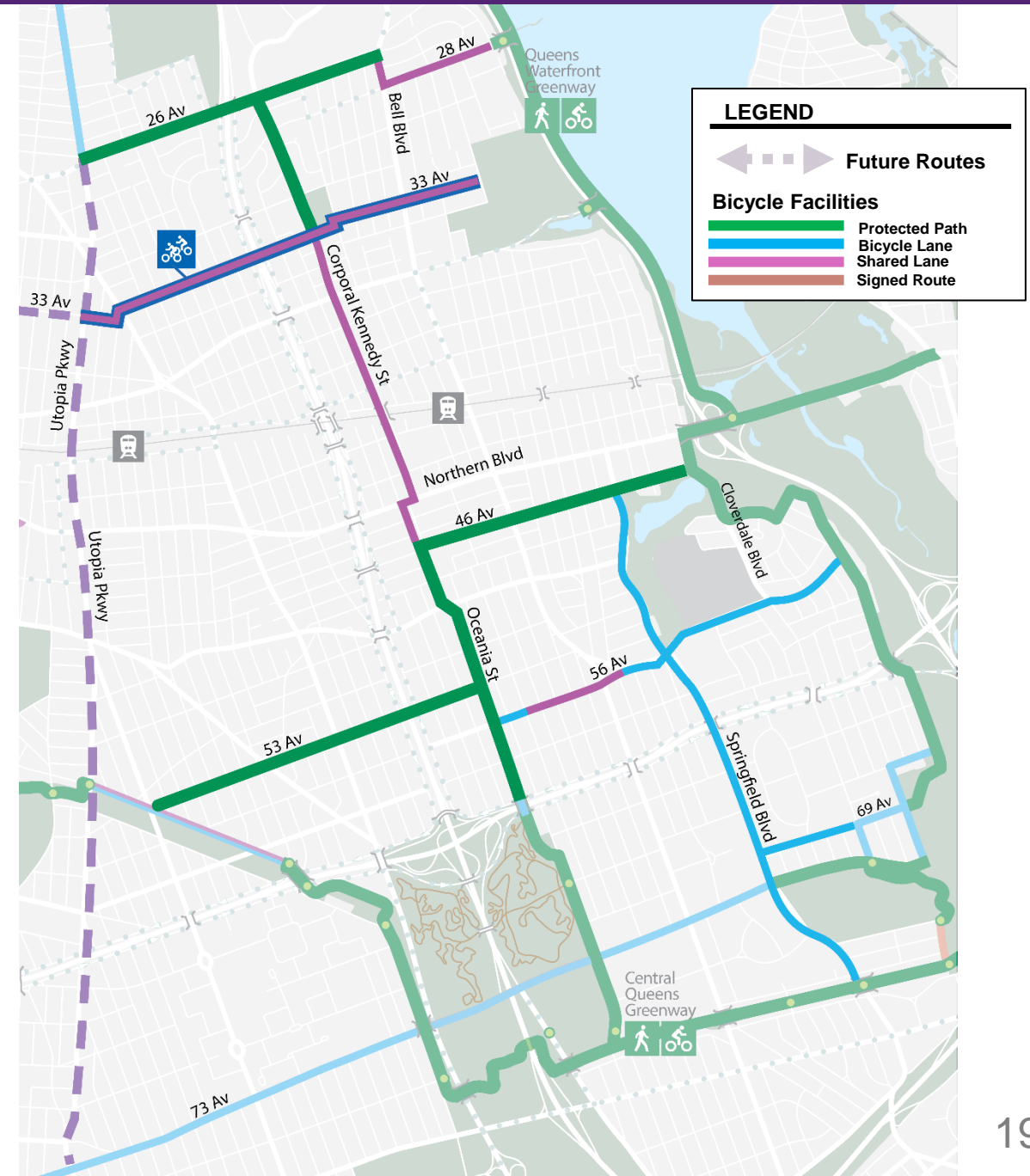


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Next Steps

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- Design projects Fall/Winter 2022
- Implement projects starting Spring/Summer 2023



# Thank You!

Questions?



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