



# O'Brien Ave, Soundview

Traffic Calming, Bike Blvd

June 2024



# Overview

- Background & Safety Info
- Existing Conditions + Previous Work
- Missing Greenway Link
- Bike Blvd Toolbox
- Proposal
- Summary, Timeline & Next Steps



Art mural by Carla Torres just outside of P.S. 69 Journey Prep School

---

# Background





# Project Area

## 2020 Traffic Calming Focus Area

- 3 pedestrian and 3 cyclist fatalities in CB9

## 2021 - Present

- **Soundview Bike Network** presented to CB 9 in response to traffic fatalities and injuries (2021)
- Launch of e-scooter pilot program in the east Bronx (2021)
- Soundview Ave, Lafayette Ave, Rosedale Ave Proposal presented to CB9 (2022)
- Morrison Ave Plaza, Harrold Pl Open Street
- Ongoing project implementation



# E-Scooter Share Pilot Program

Bronx E-Scooter Share Pilot Program:  
Anticipated increase in ridership in the service area.

- Phase I: 2021-2023 Northeast Bronx
- Phase II: 2022-2023 Southeast Bronx

**Bird, Lime, and Veo deployed ~6,000  
E-Scooters in the Bronx**

**Bronx E-Scooter Share Pilot Program :**

- **1.12 mi** trips started in CB9 (6/22/22-4/30/24)
- **1,000** trips taken on O'Brien Ave (1/1-4/30/24)
- Average trip is 1 mile and ~ 9 minutes



# Safety & Crash Statistics

From 2019 to 2023:

**481** pedestrian were injured

**176** cyclists were injured

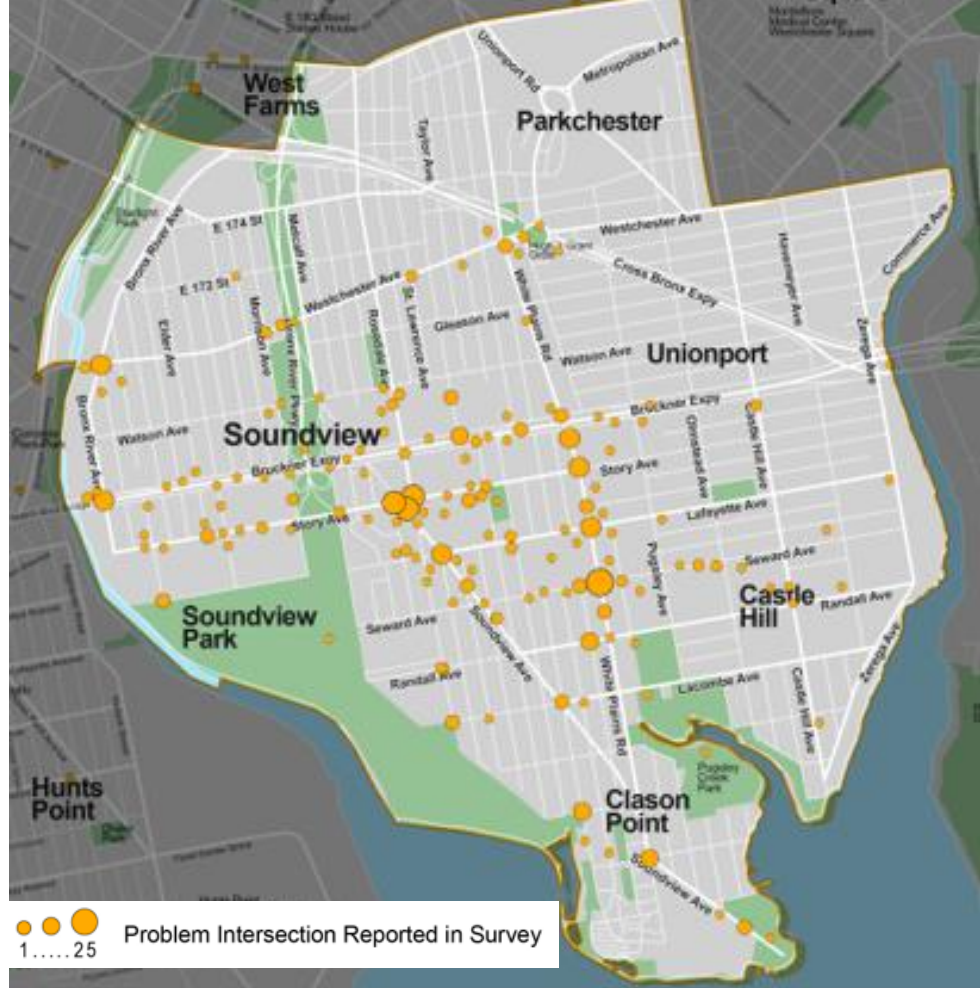
**1,986** motorists were injured

**102** other motorized

**158** severe injuries

**21** fatalities (2019-May, 2024)

**89%** of cyclist fatalities occurred on streets without a bicycle facility





# Bike the Block Bronx River Ave

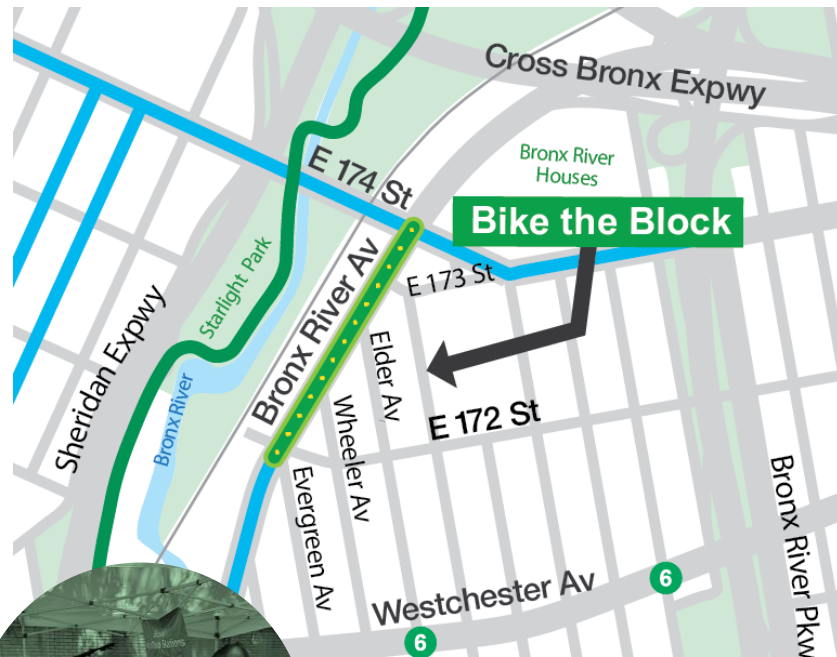
In partnership with **Bronx River Alliance, Youth Ministries Peace & Justice (YMPJ)**, Bike the Block event in Soundview promotes safe cycling, access to the waterfront, and cultural programming

**Location:** Bronx River Ave, E 172 St to E 174 St

**Date:** Saturday, September 28, 2024, 11am-3pm

## Featuring:

- Cyclist Education
- Learn to Bike Ride Classes
- Free Bike Rentals
- Free Bike Repair
- Group Bike Ride
- Music and Arts & Crafts



---

Proposal

2



# What is a Bike Boulevard

## What is a Bike Blvd?

Corridor designated and designed for bicycle travel, and pedestrian safety

- **Enhance** conventional, shared and signed bicycle routes
- **Calms traffic** with design interventions

## Design elements include:

- **Route Selection:** direct access to destinations
- **Speed and Volume Management:** slow speeds; low or reduced vehicle volumes, divert cut-through traffic
- **Signs, Wayfinding, and Pavement Markings:** easy to find and follow
- **Street Crossings:** safe and convenient pedestrian and cyclist crossings; reduce cyclist delay

Low vehicular volume



Signage, wayfinding



Shared Lane Markings



Daylighting at intersections



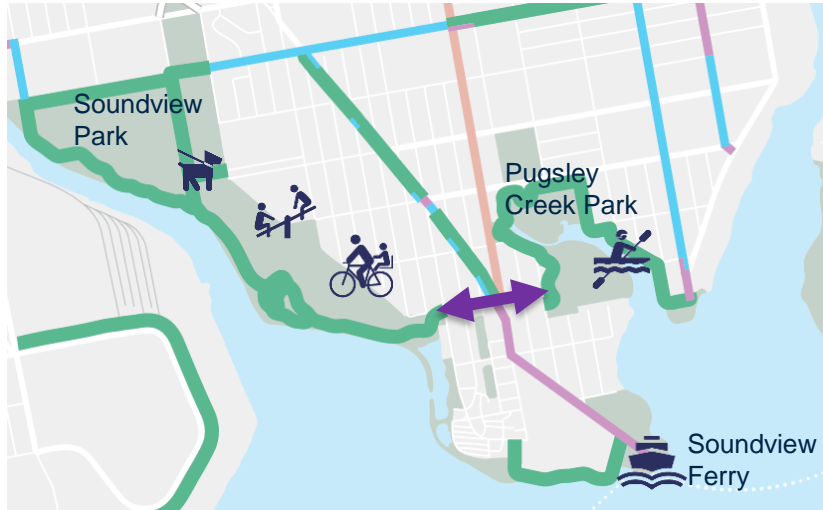
Painted Pedestrian Space



# O'Brien Ave Existing

## Goal:

- Fill the gap in the greenway network by connecting Soundview and Pugsley Creek Parks
- Pedestrian and cyclist connection between neighborhood amenities



Soundview Park entrance



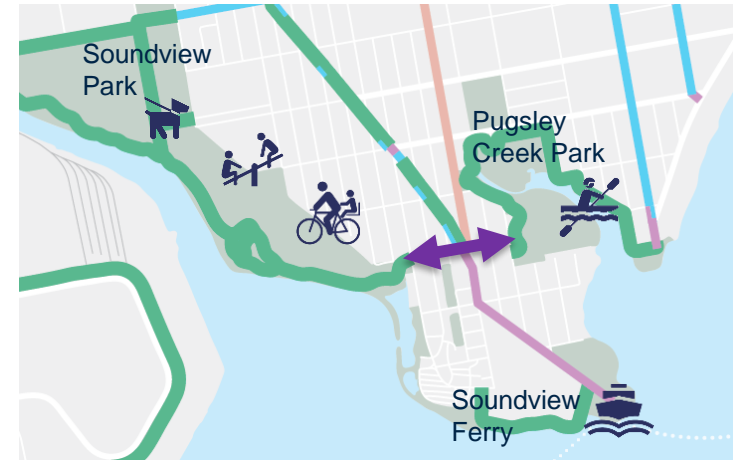
Pugsley Creek Park entrance

# O'Brien Ave Proposed

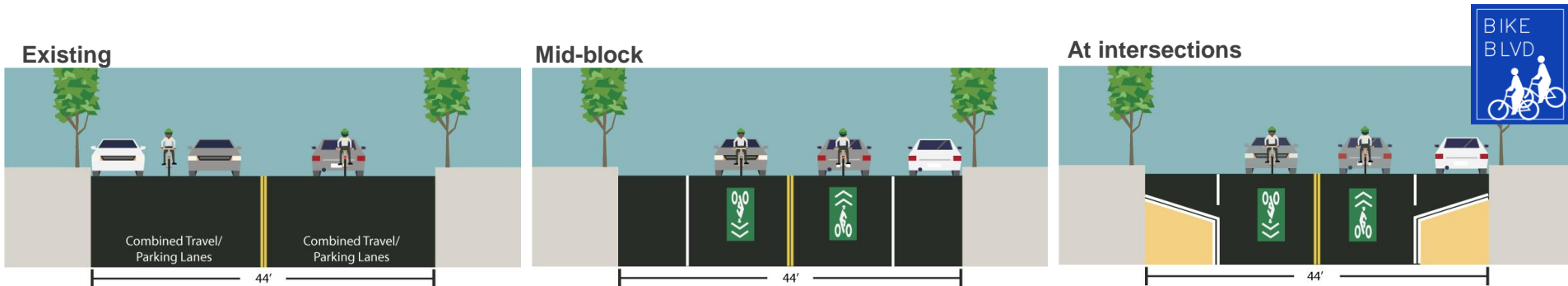
**Bike Boulevards** create low-stress bike infrastructure in a pedestrian-friendly environment.

## Design elements include:

- Wayfinding and Markings
  - Bike Blvd signage
  - Bike facility markings, pedestrian spaces
- Volume and Speed Management
  - Targeted intersection treatments



**Connection between Soundview and Pugsley Creek Park greenways**





# O'Brien Ave Design Elements



## Bike Blvds

- Alerts drivers to the presence of bicyclists
- Provides a wayfinding for cyclists; guide bikes away from “door zone”



## Neighborhood Traffic Circle

- Reduces speeds while maintaining traffic flow



## Curb Extension

- Calms traffic, slows turning vehicles
- Enhances visibility of pedestrians to drivers

# Capital Project Scope

## Project Scope:

- NYC DEP is planning to upgrade the combined sewer, storm sewer, and water mains
- The DOT project will build out the streets to include missing curbs, sidewalk, and other components which will help with drainage and ponding conditions

## Timeline:

- Construction: 2028-2031

**DOT street improvement project will complement future capital work**

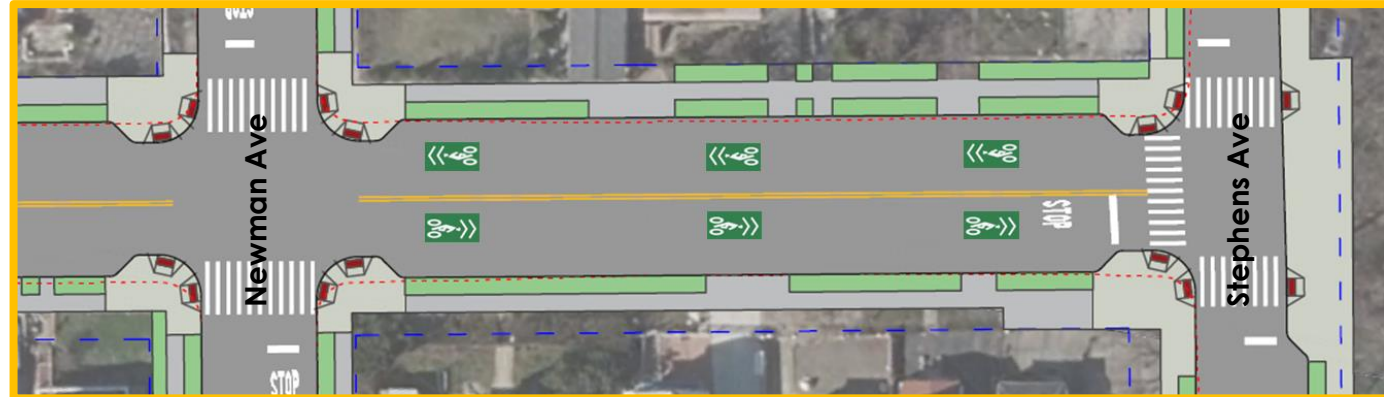
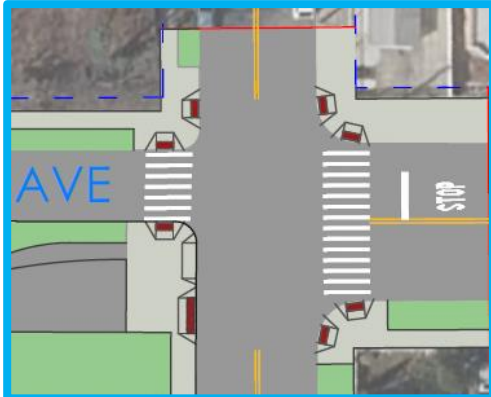


# Capital Project Conceptual Design

Soundview Park Entrance



Pugsley Creek Park





---

## Summary & Next Steps

3

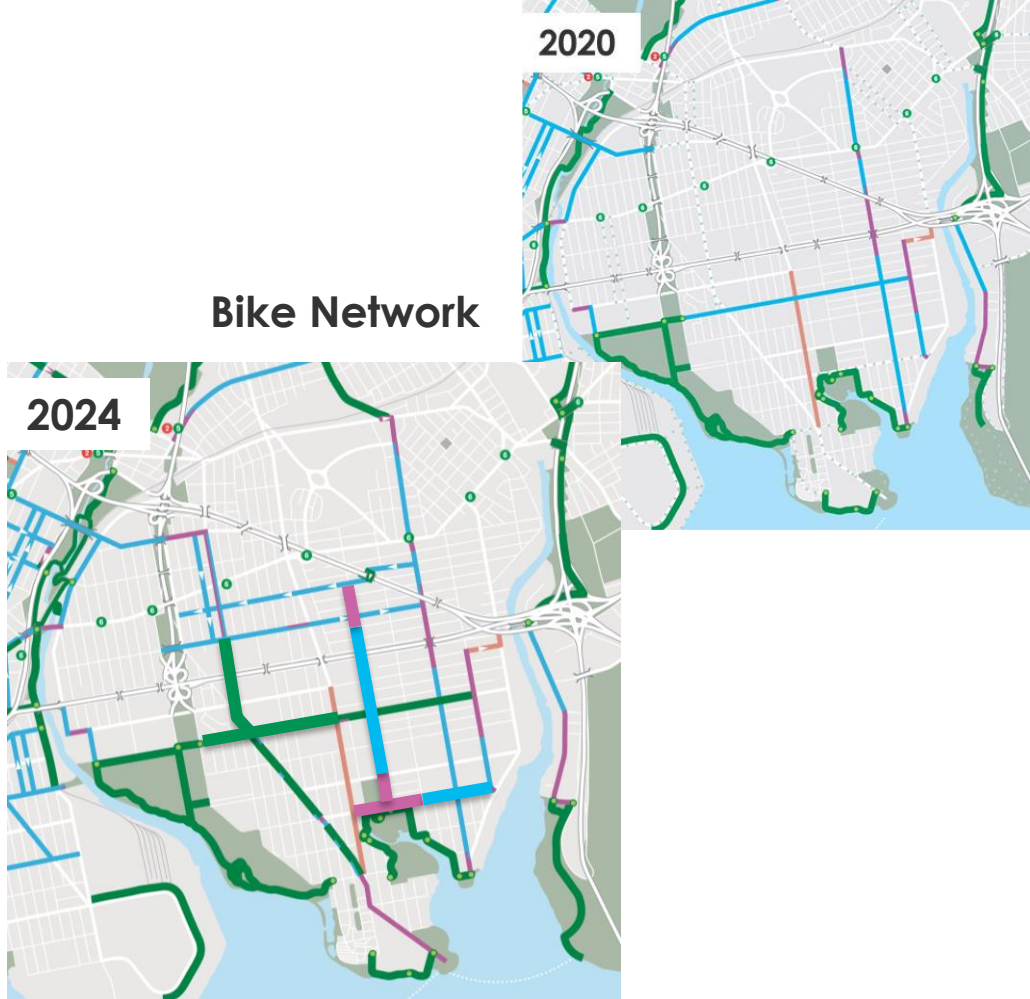
# Summary of Benefits

- Context sensitive pedestrian and bike network expansion to better **connect Soundview and Pugsley Creek Parks**
- **Address vehicular speeding** on neighborhood streets
- **Complements future capital project** without precluding design elements from future capital work

## Project Implementation

- Summer/Fall 2024

Bike Network



# Thank You!

## Questions?



NYCDOT



nyc\_dot



nyc\_dot



NYCDOT