



Union Street Two-Way Protected Bike Lane

Presentation to Brooklyn Community Board 6

May 21, 2025



Background

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Cycling in Numbers

Daily and Annual Cycling:

- **28%** of adult New Yorkers, more than 1.8 million people, **ride a bike** (at least once in past year)
- **762,000 ride a bike regularly** (at least several times a month). Source: Community Health Survey

Bike Trips to Work:

- **620,000** daily cycling trips
- **64%** increase in daily cycling between 2013 and 2023
- **16%** increase in daily cycling between 2018 and 2023
- **Growth in daily cycling is higher than any other transportation mode.** (Source: US Census, American Community Survey)



Safe Streets for Cycling

Safety Benefits of Bike Facilities:

Protected Bike Lanes

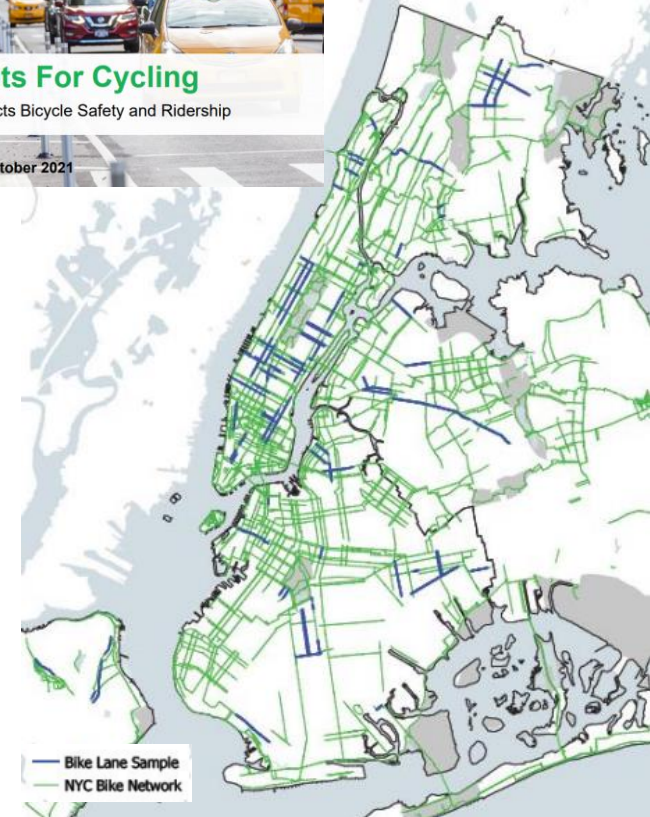
- **Risk reduction of 34% across all study projects**
- On the highest risk streets, cyclist risk is reduced by over 60%

Conventional Bike Lanes

- **Risk reduction of 32% across all study projects**
- Improved safety on all streets, particularly on low and mid- volume streets (42%, 26% reduction in risk respectively)

Cycling Volumes:

- Installation of PBL and conventional bike lane increased bicycle volumes by 50%
- On the highest risk streets, bicycling volumes nearly doubled after a bike lane was installed



Safety

Project

Injury Summary, 2020-2024 (5 years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	5	1	0	1
Bicyclists	10	0	0	0
Motor Vehicle Occupant	21	1	0	1
Other Motorized	5	3	0	3
Total	41	5	0	5

Fatalities, 01/01/2020 – 5/21/2025: 0



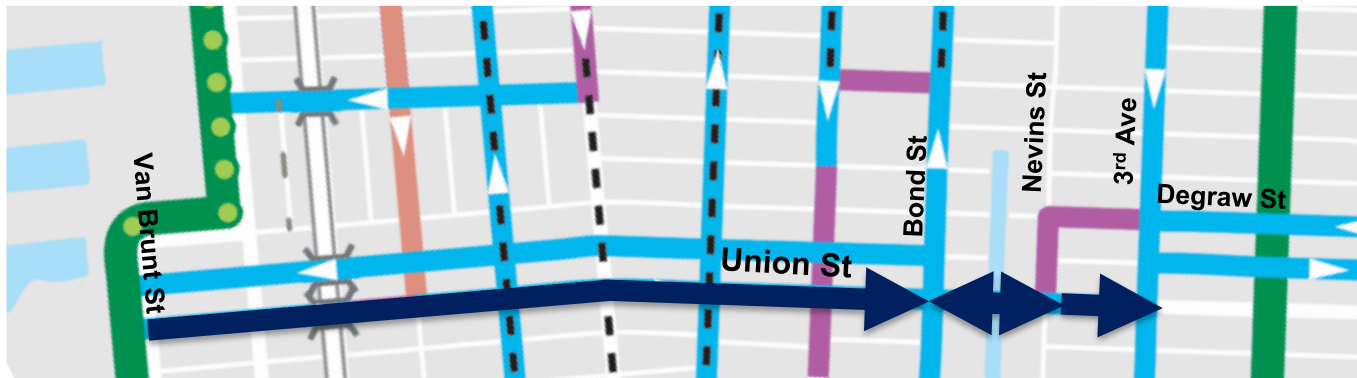
Project Area

Union St

- Existing one-way bicycle lane on Union St between Van Brunt St and Bond St
- Existing two-way bicycle lane across the Gowanus Canal between Bond St and Nevins St
- Existing one-way bicycle lane between Nevins St and 3rd Ave

Bike Network

- ↔ Project Limits
- ■ ■ ■ Future Connections
- Protected Bike Lane
- Conventional Bike Lane
- Shared Lane
- Signed Route



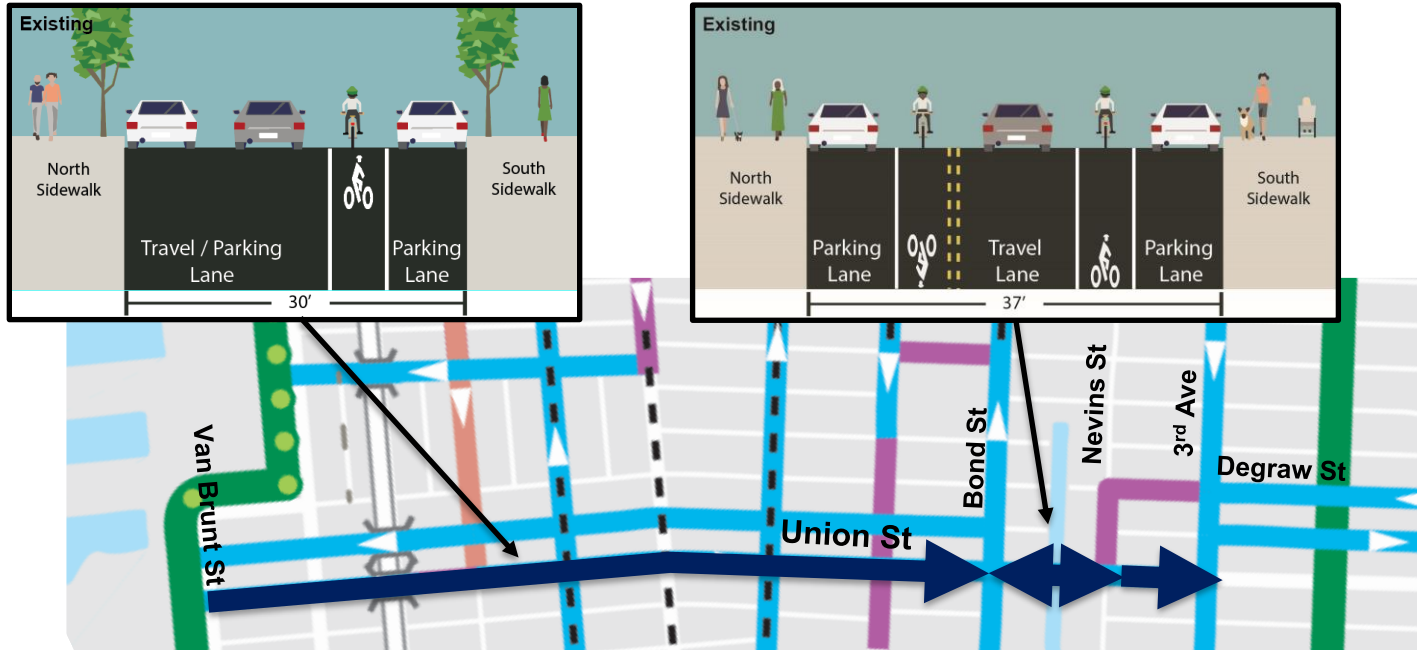
Existing Conditions

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Existing Conditions

Union St

- One-way eastbound between Van Brunt St and Bond St
- Two-way unprotected lane between Bond St and Nevins St



Existing Conditions

Union St at 3rd Ave

- Redevelopment of a building on the northwest corner includes the existing curb extension
- The developer includes a surface in the “roadway” portion of the curb extension that can be incorporated into a future two-way bike lane on the north curb of Union St



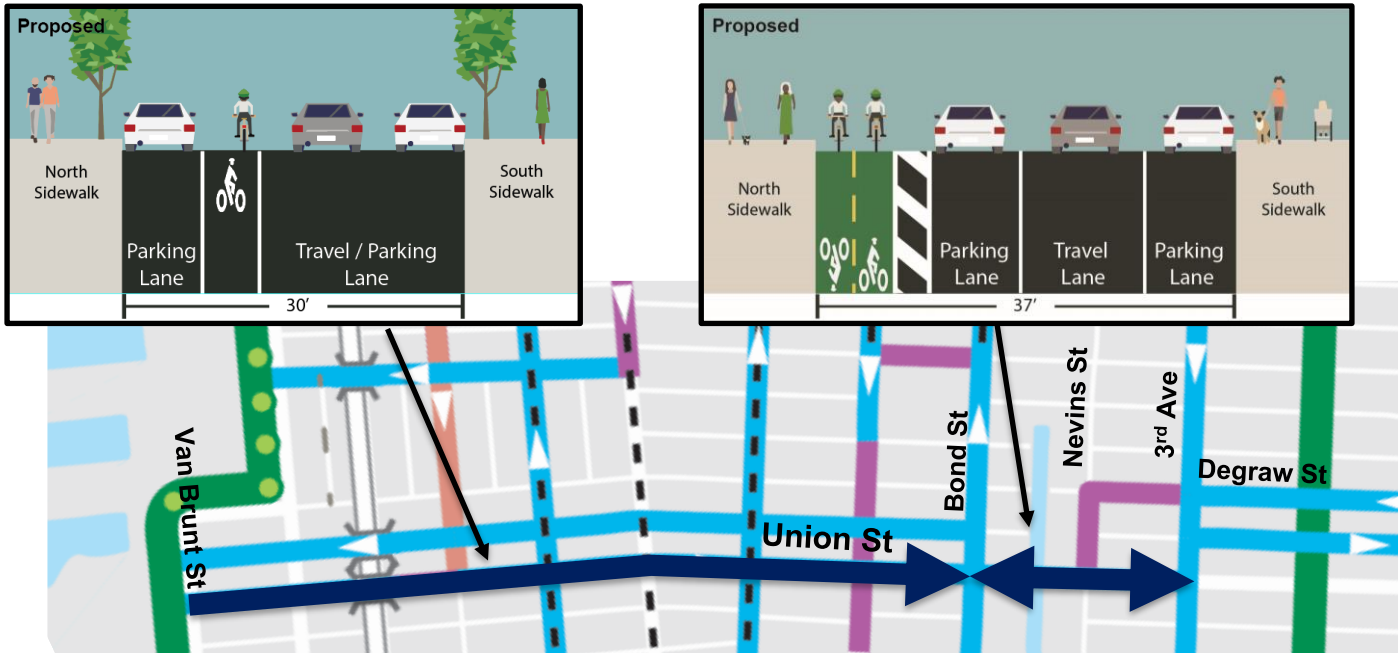
Proposal

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Proposed Condition

Union St

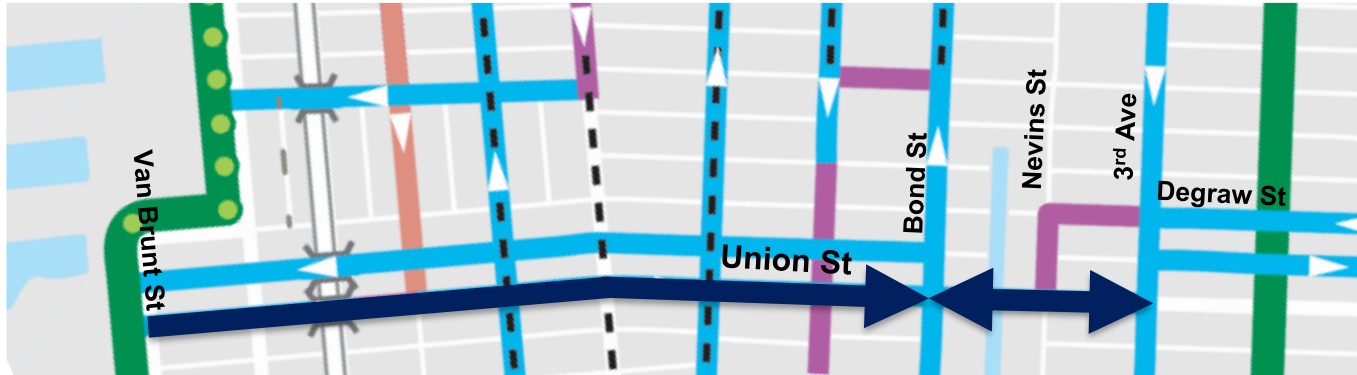
- Upgrade the two-way lane to parking protected and extend one block east to 3rd Ave
- Switch the alignment of the one-way eastbound lane from right-side to left-side



Next Steps

Summary

- Switch the side of the existing one-way bike lane between Van Brunt St and Bond St
- Install a two-way protected bike lane along the north curb between Bond St and 3rd Ave
- Planning for installation in Spring/Summer 2025



Thank You!

Questions?



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