



# Brooklyn Community Board 14

## Bike Network Expansion - Update

June 11, 2025



# Presentation Overview

1. Planned Bike Network
2. Proposed Protected Bike Lanes
3. Summary & Next Steps



# Safer Streets for Cycling (2021)

## Safety & Ridership

### Overall:

- **32% reduction in crash risk where bike facilities have been installed**

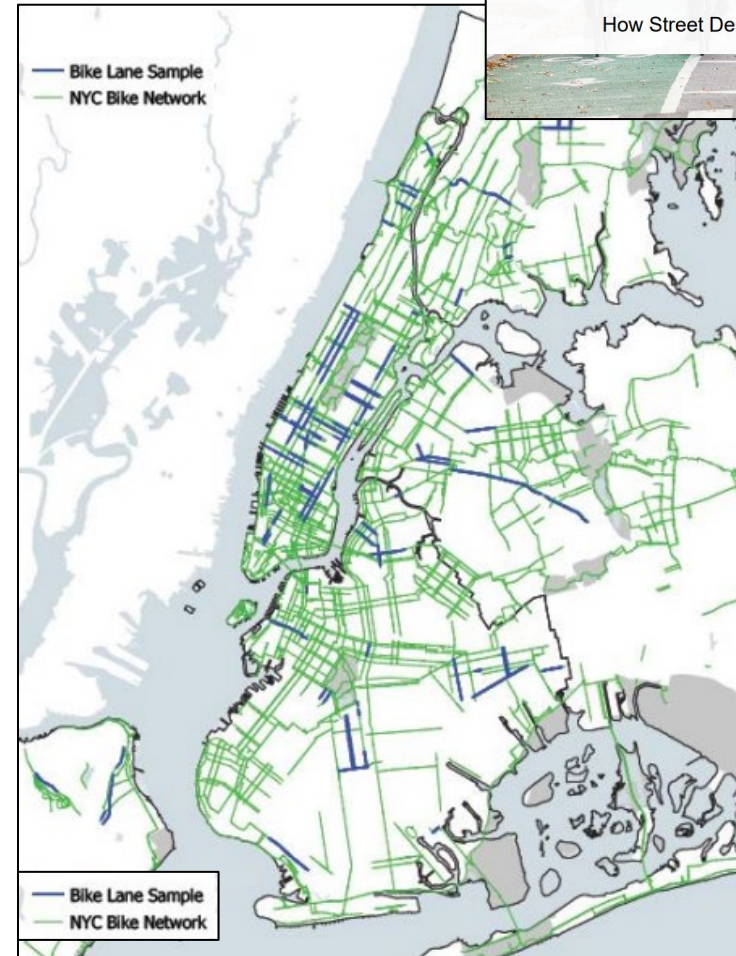
### Protected Bike Lanes

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

### 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

Source: Safety Stats (Data from 100+ bike lane projects including 35 Protected (31 mi), 50 Conventional (46 mi), and 16 Shared (18 mi) installed between 2009-2018). Risk is defined by injuries per mile per bicyclist volume



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## Planned Bike Network

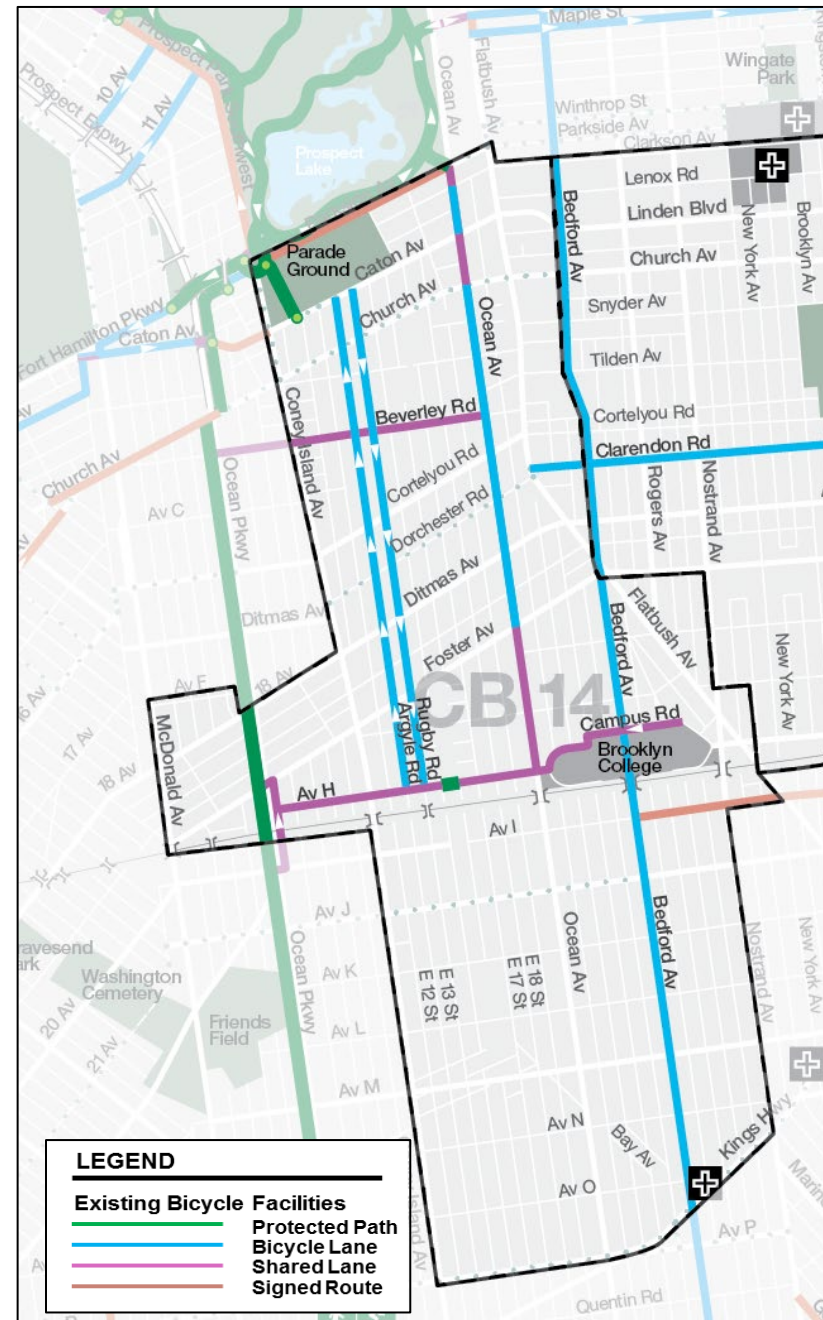
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# Existing Bike Network

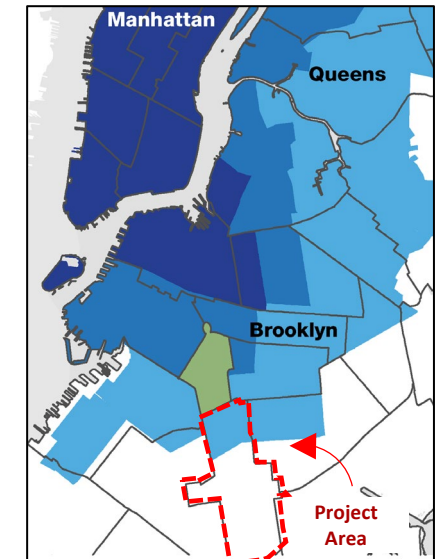
- Critical lack of bicycle lane network coverage in CB 14
- Citi Bike recently expanded within community

## NYC DOT Response:

- Collaborate with CB 14 to identify corridors suitable for bike network expansion – work began May 2025
- Based on community feedback, DOT committed to investigate PBL upgrades in the neighborhood



Citi Bike Coverage Map





# Bike Network in-Construction

- Create new neighborhood connections
- Provide dedicated space and wayfinding for cyclists
- Connects to existing bicycle lanes and district boundaries
- Implementation underway

## Route Selection Criteria

- Continuity of street
- Street width
- Connectivity to existing network



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## Protected Bike Lanes – Eastbound and Westbound Pair

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# Proposed Protected Bike Lanes

## Cortelyou Rd and Dorchester Rd

- Protected bike lanes create a better bicycling environment for all-ages and all-abilities
- Installing protected bike lanes has a 34% reduction in risk of injury\*
- Requires some trade-offs



\*Source: *Safe Streets for Cycling: How Street Design Affects Bicycle Safety and Ridership*. October, 2021.



# Proposed Protected Bike Lanes

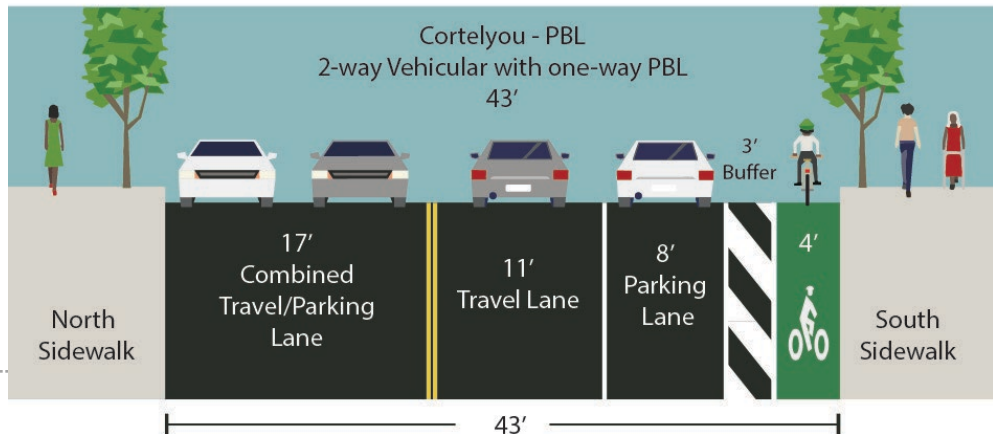
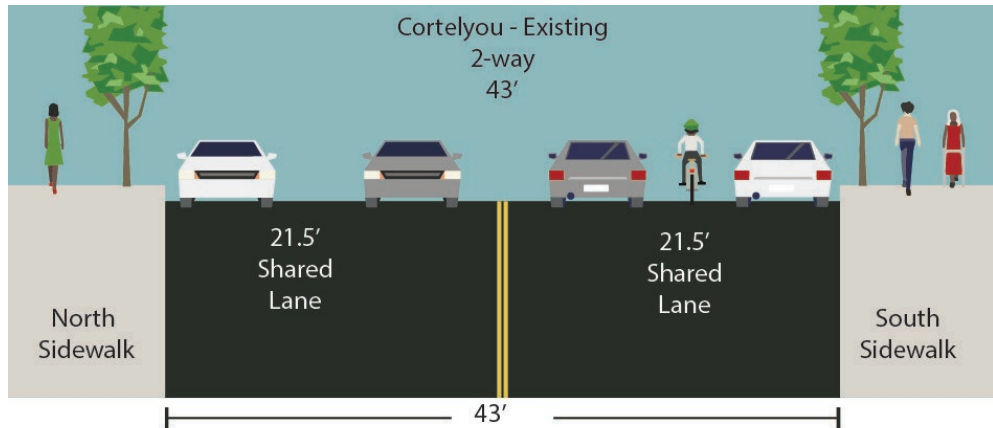
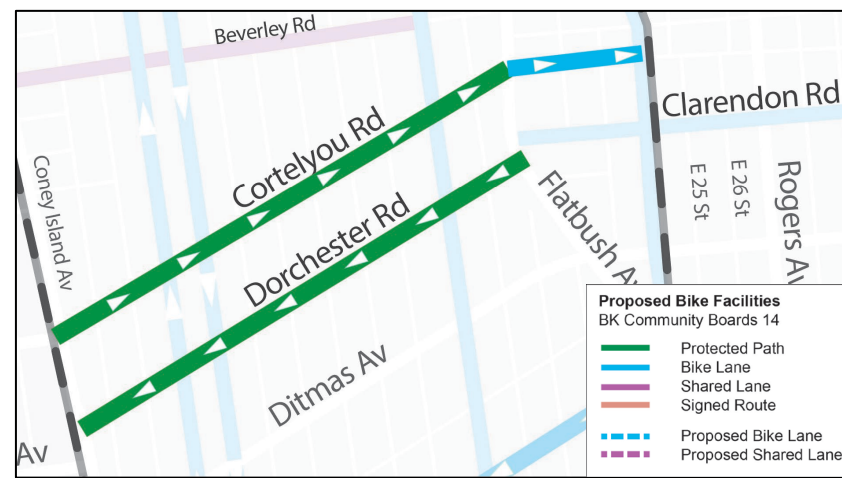
## Cortelyou Rd - Eastbound

### Benefits:

- Slower vehicular turns
- Shortened pedestrian crossings
- Bike lane physically separated from moving traffic

### Trade-offs:

- Some parking loss at corners required to maintain adequate visibility between cyclists and turning drivers
- Loss of parking along one side of the street where the roadway narrows between Marlborough Rd and E 16<sup>th</sup> St



# Proposed Protected Bike Lanes

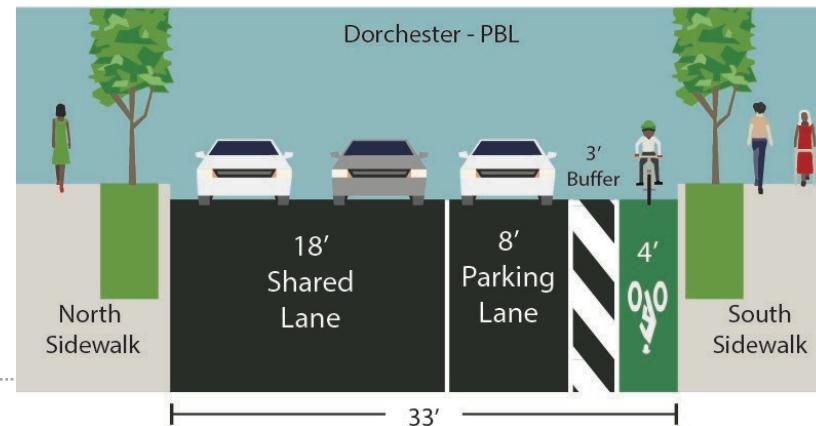
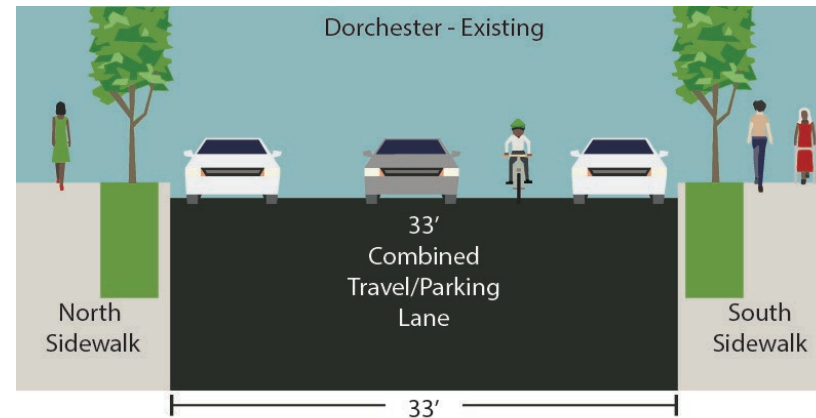
## Dorchester Rd - Westbound

### Benefits:

- New stop control and crosswalks installed on Dorchester Rd at Marlborough Rd (community request)
- Slower vehicular turns
- Shortened pedestrian crossings
- Bike lane physically separated from moving traffic

### Trade-offs:

- Some parking loss at corners required to maintain adequate visibility between cyclists and turning drivers (~1-2 spots per block)

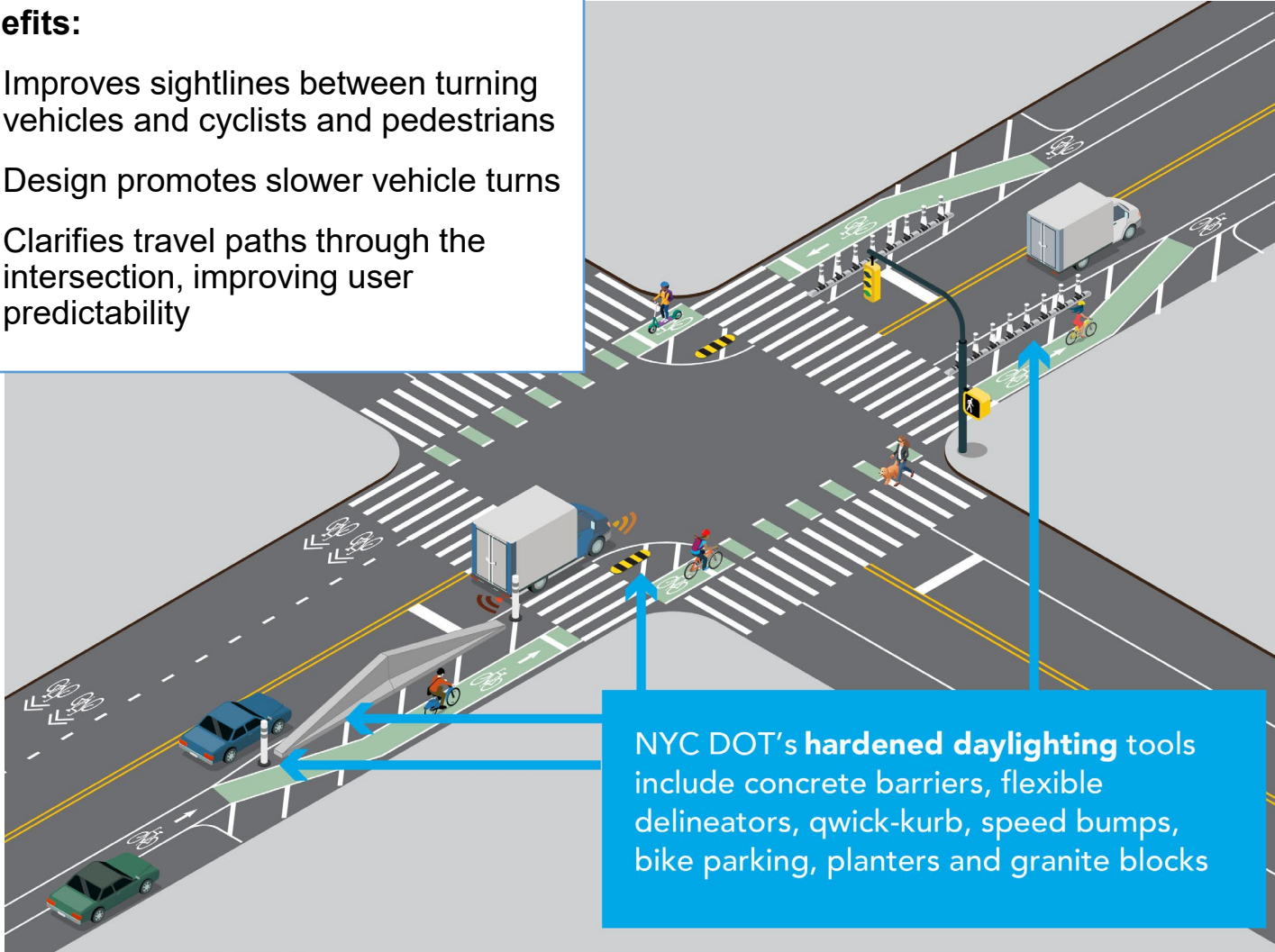


# Proposed Intersection Improvements

## Hardened Daylighting at High Crash Locations

### Benefits:

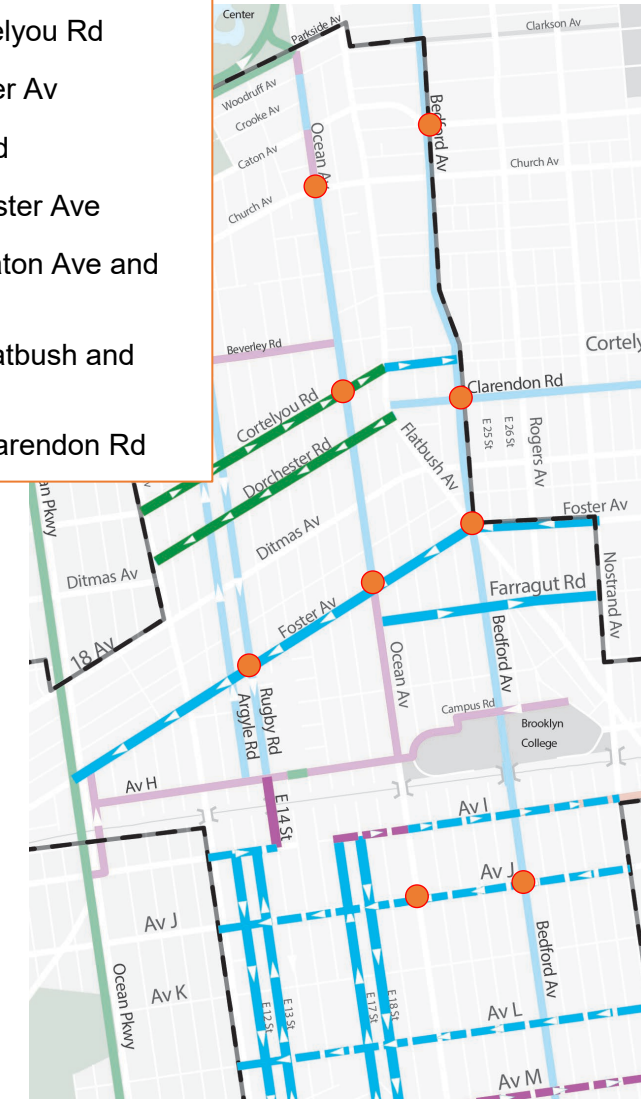
- Improves sightlines between turning vehicles and cyclists and pedestrians
- Design promotes slower vehicle turns
- Clarifies travel paths through the intersection, improving user predictability



NYC DOT's **hardened daylighting** tools include concrete barriers, flexible delineators, quick-kurb, speed bumps, bike parking, planters and granite blocks

### Locations:

- Ocean Av at Church Av
- Ocean Av at Av J
- Ocean Av at Cortelyou Rd
- Ocean Av at Foster Av
- Av J at Bedford Rd
- Rugby Rd and Foster Ave
- Bedford Ave at Caton Ave and Linden Blvd
- Bedford Ave at Flatbush and Foster Ave
- Bedford Ave at Clarendon Rd





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## Summary & Next Steps

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# Summary & Next Steps

## Timeline

### Spring/Summer 2025

- Collect feedback from the community and stakeholders regarding the proposed protected bike lanes

### Fall 2025

- Preliminary schedule for PBL installation
- Begin installation of turn calming at high-crash intersections





# Thank You!

## Questions?



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