



Brooklyn Ave & Kingston Ave

(Empire Blvd to Winthrop St)

School Safety Improvements
Community Board 9 | June 26, 2025

Background

Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

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Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

Background

- **Spring 2024:** Met with schools to understand safety concerns and developed a design proposal
- **Summer 2024:** Presented initial design proposal to CB 9
- **Fall – Winter 2024:** Gathered community feedback on initial design proposal
- **Spring 2025:** Share updated design proposal based on community input



Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

Outreach

- NYC DOT shared the design with the following neighborhood schools and community stakeholders:

Elected Officials

- Borough President Antonio Reynoso
- Councilmember Rita Joseph
- State Assemblymember Brian A. Cunningham
- State Senator Zellnor Myrie

City and Civic Agencies

- Fire Department of New York (FDNY)
- Kings County Hospital EMS
- Mayors Office of People with Disabilities (MOPD)
- New York Police Department (NYPD)
- Small Business Services (SBS)

Online

- DOT Project Portal and online Comment Map

Community Stakeholders

- Community Board 9
- Horeb French SDA Church
- Jewish community leaders including representatives from Crown Heights Shomrim, Jewish Future Alliance, Crown Heights Hatzalah, and Crown Heights JCC
- Kings County Hospital Community Advisory Board

Schools

- Beth Rivkah School
- Bnos Chomesh Academy
- Brooklyn Institute for Liberal Arts - George Wingate Campus
- P36K - George W. Wingate Campus
- P.S. 397 Foster-Laurie
- P.S. 91 The Albany Avenue School
- The School for Human Rights - George Wingate Campus

- Received letters of support for the project from Brooklyn Institute for Liberal Arts, P36K, The School for Human Rights, Senator Zellnor Myrie, Assemblymember Brian Cunningham, and Councilmember Rita Josphe

Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

2024 Initial Proposal Summary

- Protected bike lanes on Brooklyn Ave and Kingston Ave between Empire Blvd and Winthrop St to narrow the road and slow speeding vehicles
- Conventional bike lanes on Rutland Rd and Fenimore St between Flatbush Ave and Brooklyn Ave
- Painted curb extensions and pedestrian islands to shorten crossings and improve visibility
- Turn calming to slow turning vehicles



Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

Changes In Response to Community Feedback

1. Project phasing
2. Bike lane changes
3. Parking loss reduction
4. Protected pedestrian spaces



Brooklyn Ave at Lefferts Ave, BK

Project Phasing

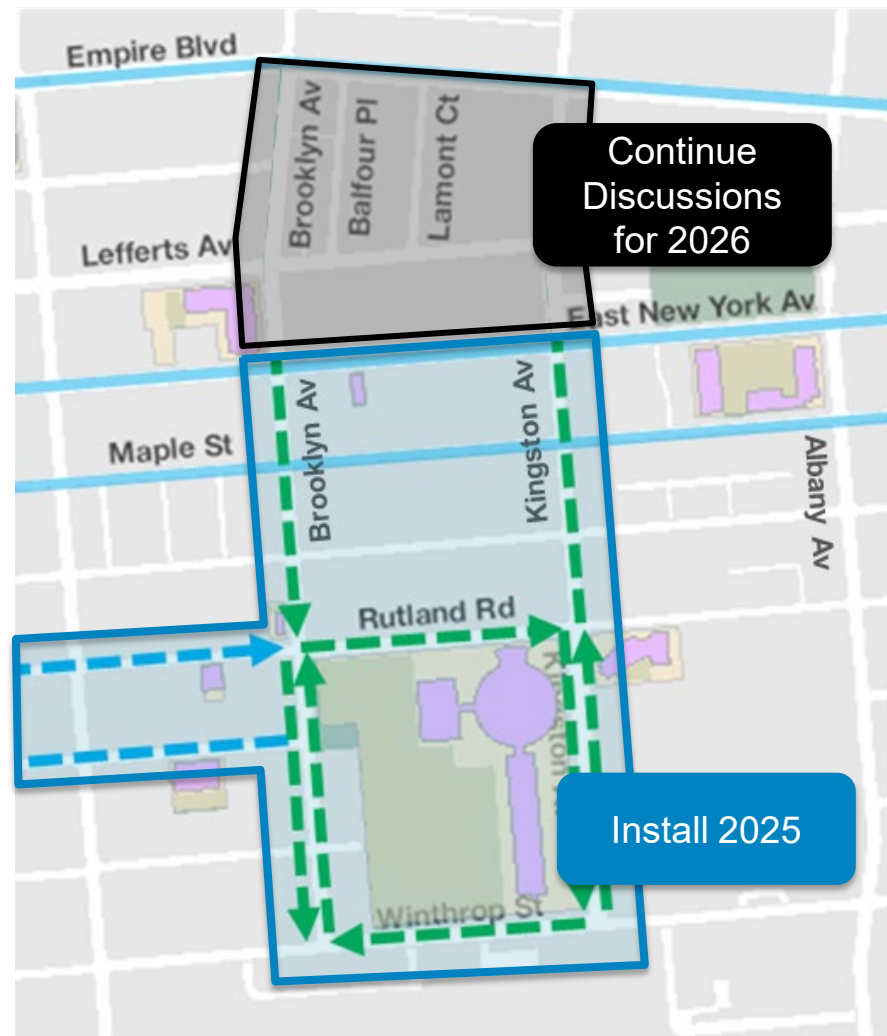
Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

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Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

Proposed Project Phasing

- Install the project south of E New York Ave in 2025
- Assess impacts to determine next steps for project between Empire Blvd and E New York Ave to be installed in 2026
 - Gather data on speeding and congestion impacts
 - Continue community discussions to refine design



Design Updates

Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

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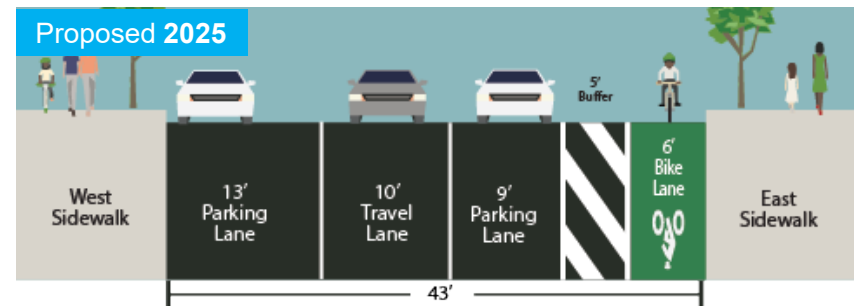
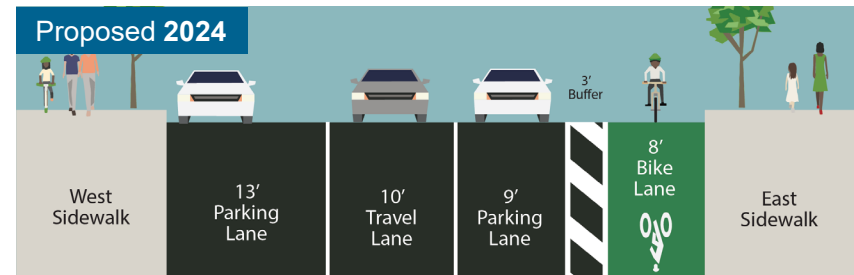
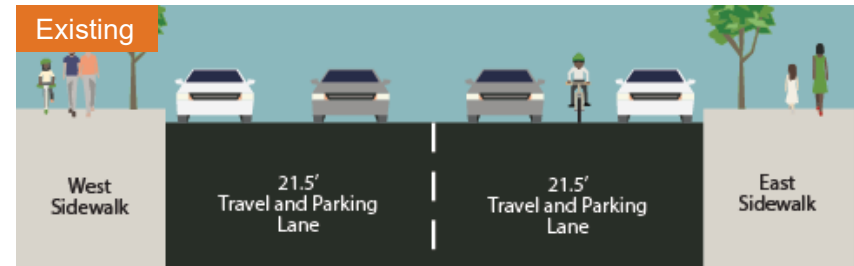
Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

Design Updates: Widen Bike Lane Buffer

- Widen the buffer between the protected bike lane and the parking lane from 3' to 5' to allow more room for loading



Brooklyn Ave (E New York Ave to Rutland Rd)



Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

Design Updates: Rumble Strips

- Rumble strips in bike lanes near schools to alert and slow cyclists



Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

Design Updates: Reduced Parking Loss

- Reduced the number of parking spots repurposed from 54 to 31



Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

Design Updates: Protect Painted Spaces

- Install planters, concrete blocks, and bike parking in painted pedestrian spaces to prevent vehicular access



Project Area

Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

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Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

Project Area

- 10+ schools within a block of Brooklyn Ave or Kingston Ave
- High volumes of students around arrival and dismissal times
- Concerns from neighborhood schools and CB 9 about speeding and dangerous driver behavior on Brooklyn Ave and Kingston Ave
- Complaints about drag racing on Kingston Ave in front of George Wingate Campus



Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

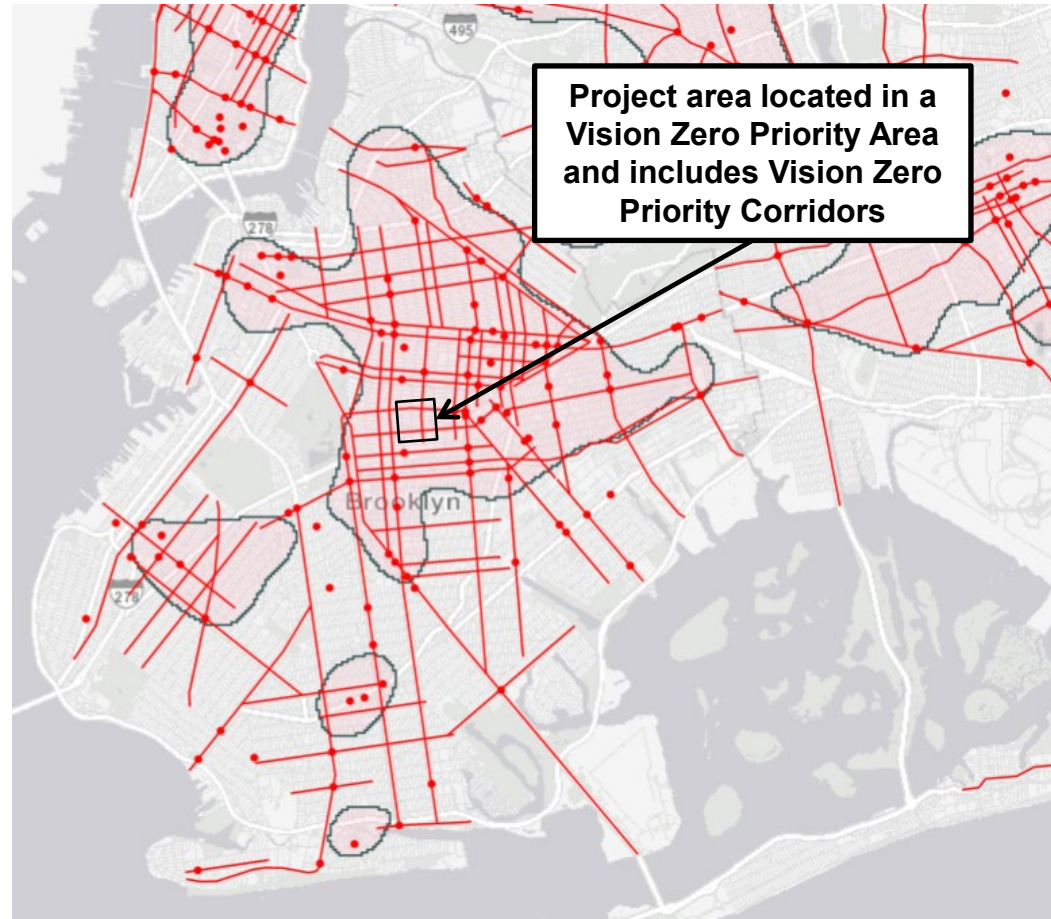
Vision Zero Priority

Vision Zero

- Multi-agency effort to reduce traffic fatalities in NYC
- Borough Action Plans released in 2023
- Priority Intersections, Corridors, and Areas identified for each borough

Brooklyn Ave & Kingston Ave

- Located in a Vision Zero Priority Area
- Kingston Ave, Rutland Rd, and Empire Blvd are Vision Zero Priority Corridors



Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

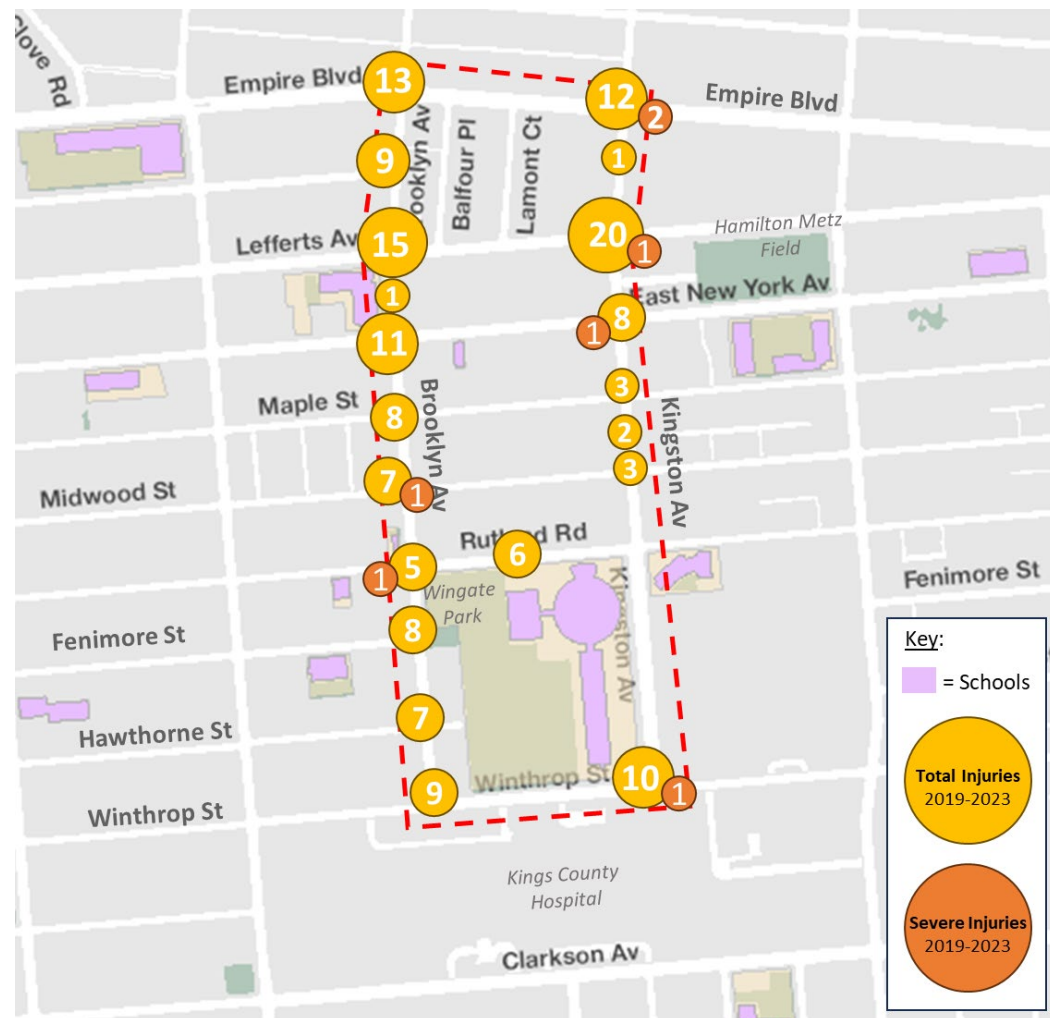
Injury Data (2019-2023)

- 158 total injuries
- 71% of severe injuries were pedestrians or cyclists
- Children (ages 0-17) made up 14% of pedestrian and cyclist injuries

Injury Summary — 2019-2023 (5 Years)

| Mode | Total Injuries | Severe Injuries | Fatalities | KSI |
|-----------------|----------------|-----------------|------------|----------|
| Pedestrian | 28 | 1 | 0 | 1 |
| Bicyclist | 25 | 4 | 0 | 4 |
| MVO | 102 | 2 | 0 | 2 |
| Other Motorized | 3 | 0 | 0 | 0 |
| Total | 158 | 7 | 0 | 7 |

Source: Fatalities: NYCDOT, Injuries: NYPD FORMS database KSI: Persons Killed or Severely Injured



Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

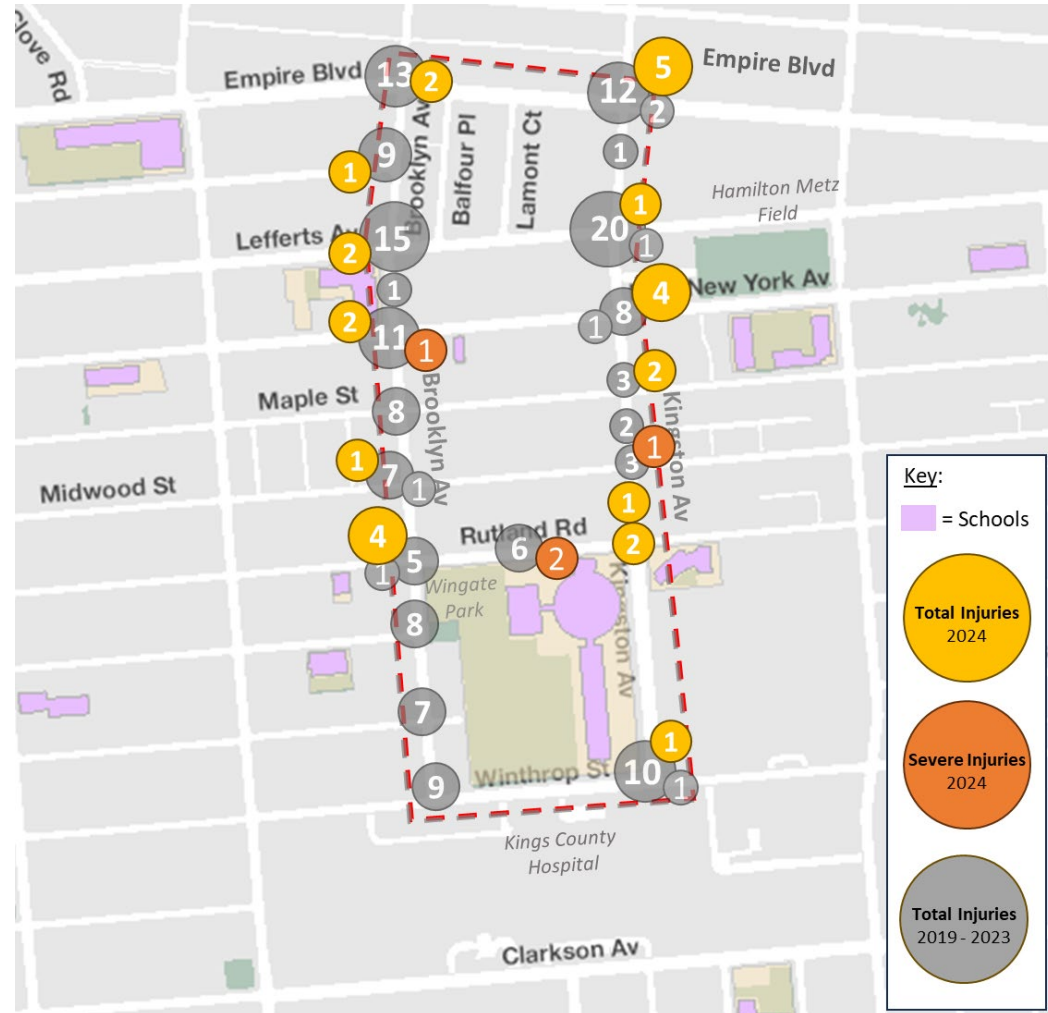
2024 Updates to Injury Data

- 32 total injuries and 4 serious injuries in 2024
 - Highest number of injuries since 2021
- 5 children (ages 0-17 years old) were injured in 2024

Injury Summary — 2019-2024 (6 Years)

| Mode | Total Injuries | Severe Injuries | Fatalities | KSI |
|-----------------|----------------|-----------------|------------|-----------|
| Pedestrian | 35 | 3 | 0 | 3 |
| Bicyclist | 27 | 6 | 0 | 6 |
| MVO | 124 | 2 | 0 | 2 |
| Other Motorized | 4 | 0 | 0 | 0 |
| Total | 190 | 11 | 0 | 11 |

Source: Fatalities: NYCDOT, Injuries: NYPD FORMS database KSI: Persons Killed or Severely Injured



Existing Conditions

Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

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Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

Existing Conditions: Speeding and Drag Racing



Wide roadways with low traffic volumes encourage speeding

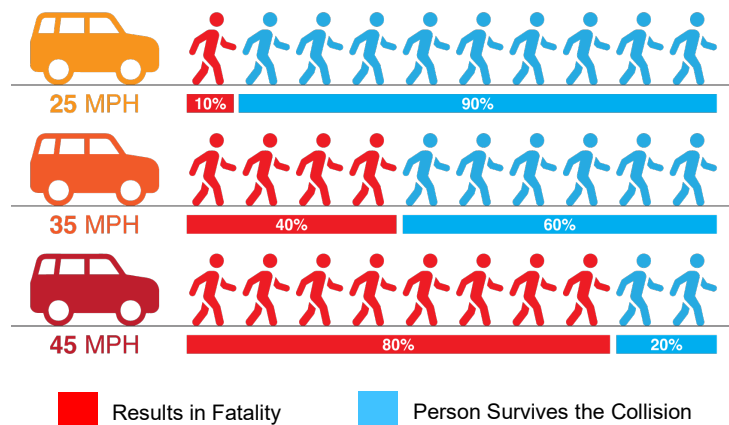
Concerns about drag racing and dangerous driving behavior



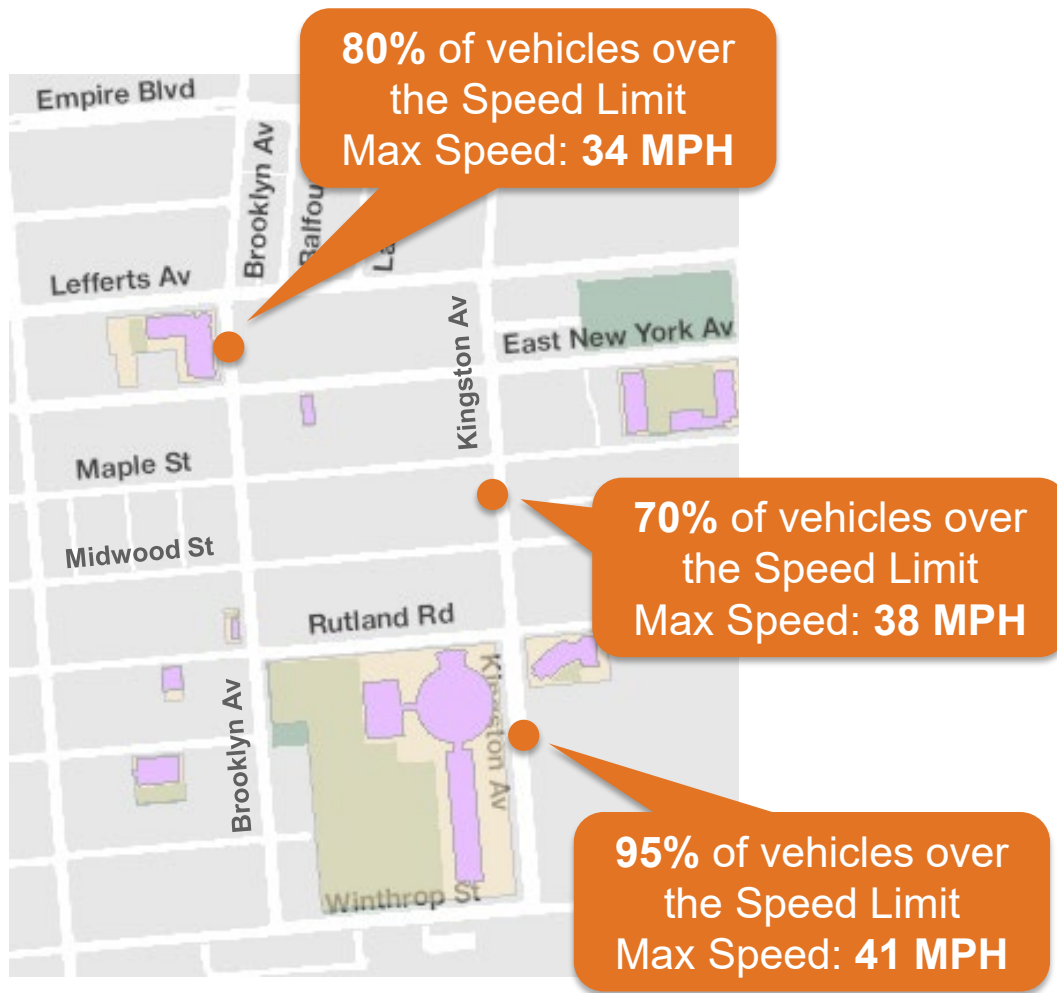
Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

Existing Conditions: Speeding

- Conducted speed radar study at three points in the project area
- Found prevalent speeding on both corridors



Source: Vision Zero Network; IIHS



Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

Existing Conditions: Long crossing distances

Long crossing distances
with high volumes of
student pedestrians



Brooklyn Ave at Lefferts Blvd, facing North

Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

Existing Conditions: Vehicles Fail to Yield for Pedestrians



Vehicles fail to yield
for pedestrians

Kingston Ave at Rutland Rd, facing South

Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

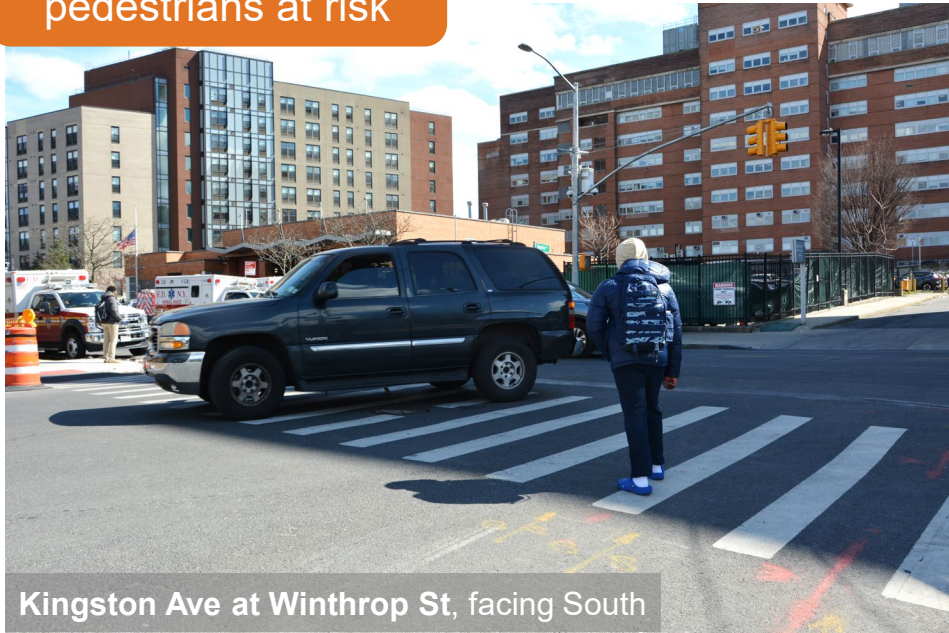
Existing Conditions: Wide Roadway Encourages Unpredictable Passing



Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

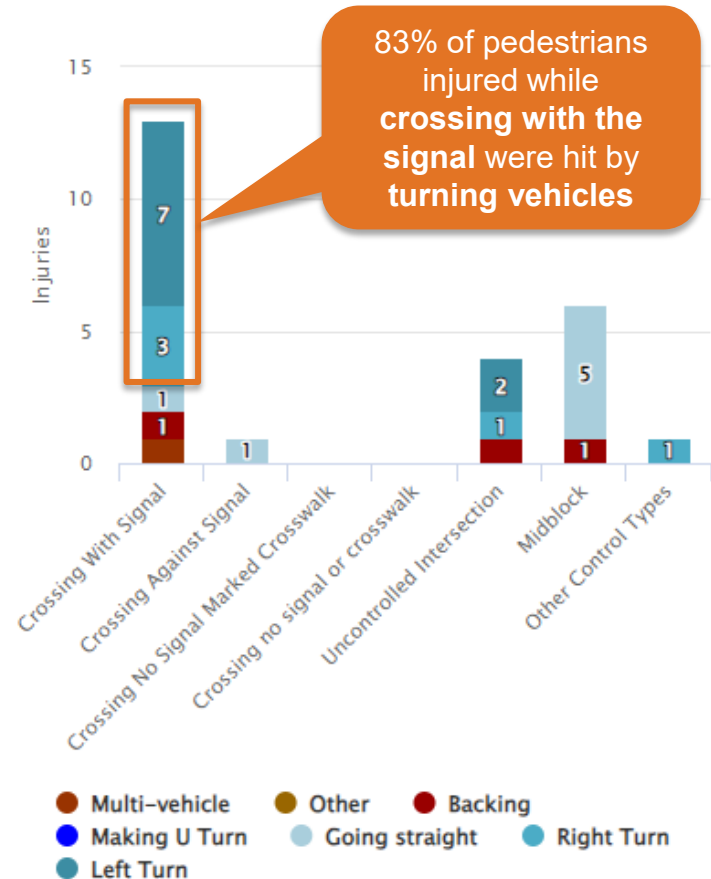
Existing Conditions: Fast Turns Onto Wide Streets

Fast wide turns put pedestrians at risk



Kingston Ave at Winthrop St, facing South

Pedestrian Injuries by Vehicle Action & Pedestrian Action



Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

Existing Conditions: Low Pedestrian Visibility



Cars parked all the way up to the crosswalk block visibility of student pedestrians



Brooklyn Ave & Kingston Ave (Empire Blvd to Winthrop St)

Existing Conditions: Unsafe biking conditions

No clear place for
cyclists



Lack of
predictability
creates conflict

Kingston Ave at Winthrop St, facing South

Proposal

Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

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Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

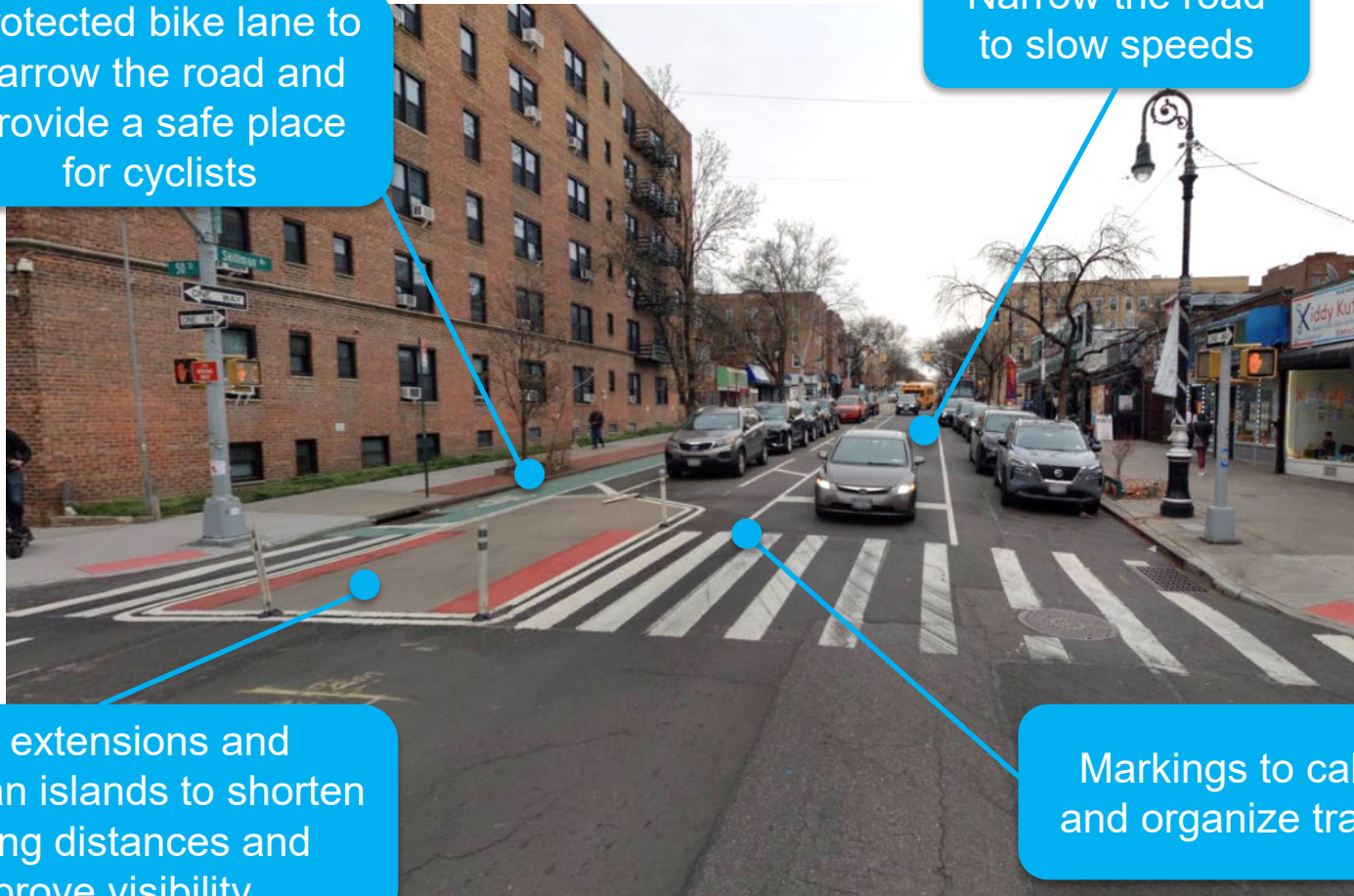
Proposal Example: Skillman Ave and 50th St, QNs

Protected bike lane to narrow the road and provide a safe place for cyclists

Narrow the road to slow speeds

Curb extensions and pedestrian islands to shorten crossing distances and improve visibility

Markings to calm and organize traffic



Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

Safety Benefits of Bike Lanes

Street designs that include protected bike lanes increase safety for all users

-15% drop in all crashes with injuries

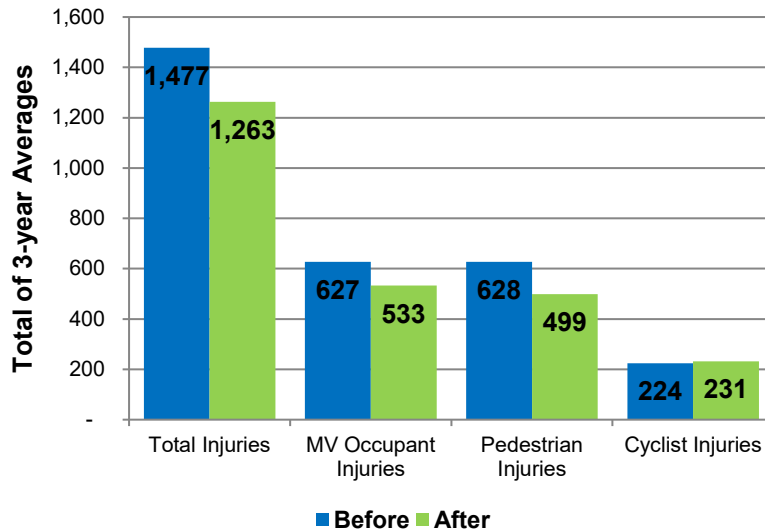
-21% drop in pedestrian injuries

on streets where protected bike lanes were installed 2007-2017



Protected Bike Lanes

Before and After Crash Data, 2007 - 2017



Data from 25 separate protected bicycle lane projects installed from 2007-2014 with 3 years of after data. Includes portions of 1 Ave, 2 Ave, 8 Ave, 9 Ave, Broadway, Columbus Ave, Hudson St, Lafayette St / 4 Ave, Sands St, Allen/Pike St, Kent Ave, Prospect Park West, Flushing Ave, Bruckner Blvd & Longfellow Ave, Imlay St / Conover St, Paerdegat Ave. Only sections of projects that included protected bike lanes were analyzed.
Source: NYPD AIS/TAMS Crash Database

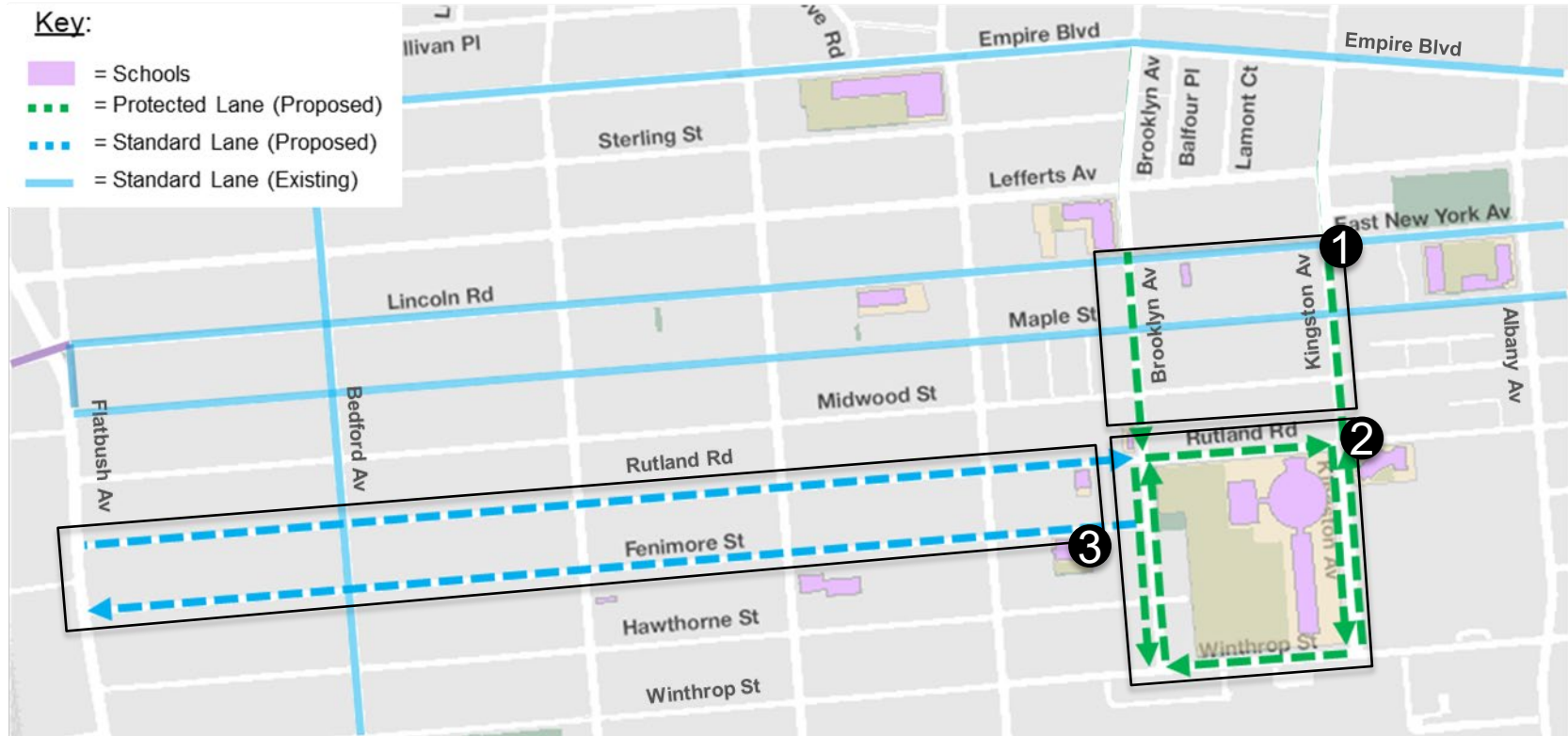
Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

Proposal: Protected Bike Lanes



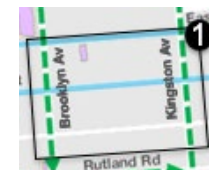
Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

Proposal Details

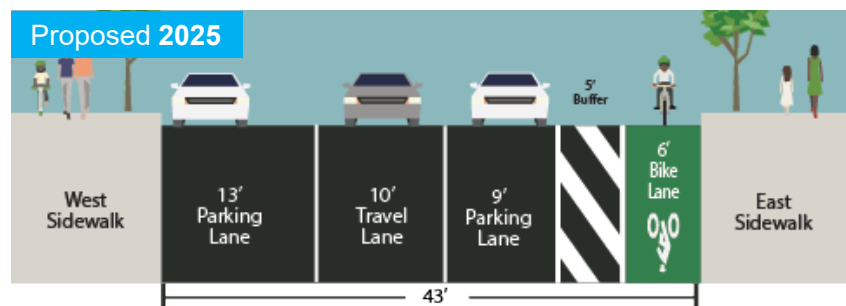
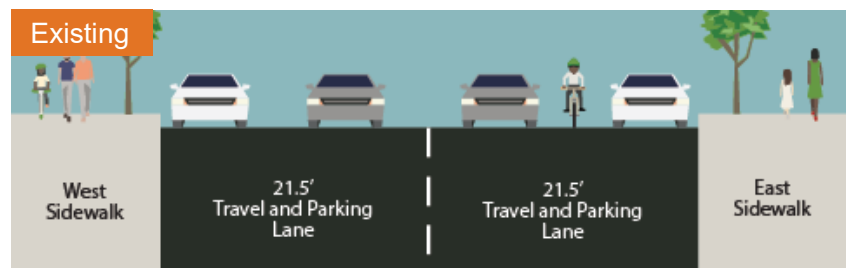


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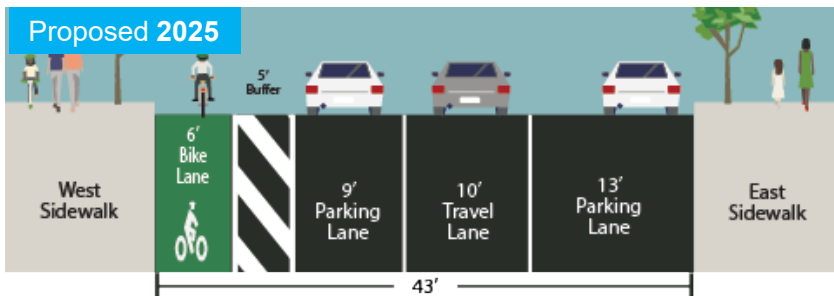
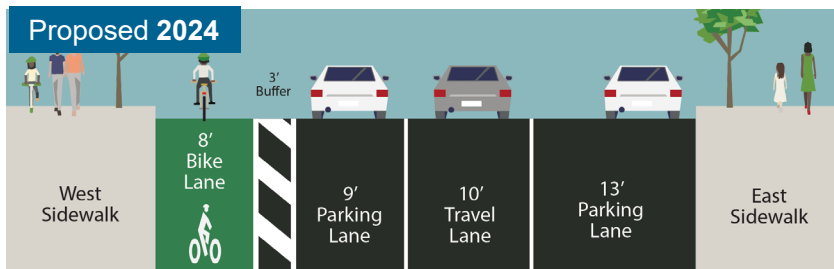
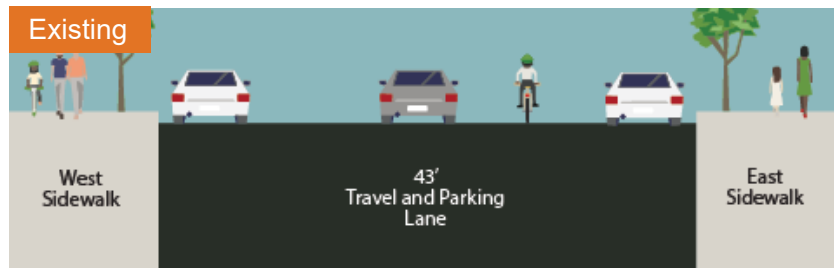
1. Proposal: E New York Ave to Rutland Rd (43' wide)



Brooklyn Ave

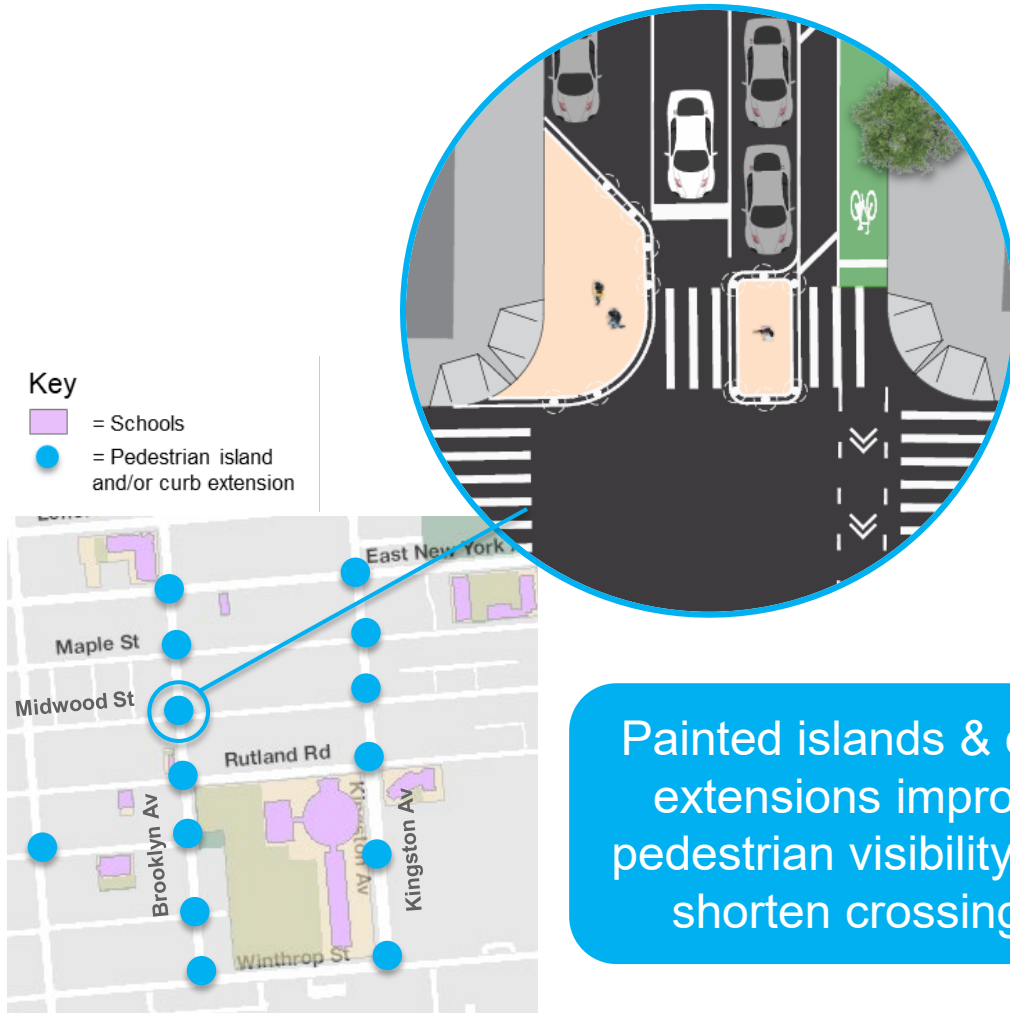


Kingston Ave



Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

Proposal: Painted Pedestrian Islands & Curb Extensions



Painted islands & curb extensions improve pedestrian visibility and shorten crossings



Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

Proposal: Painted Pedestrian Islands & Curb Extensions



Can't see pedestrians
or oncoming traffic

Clear visibility of
the intersection



Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

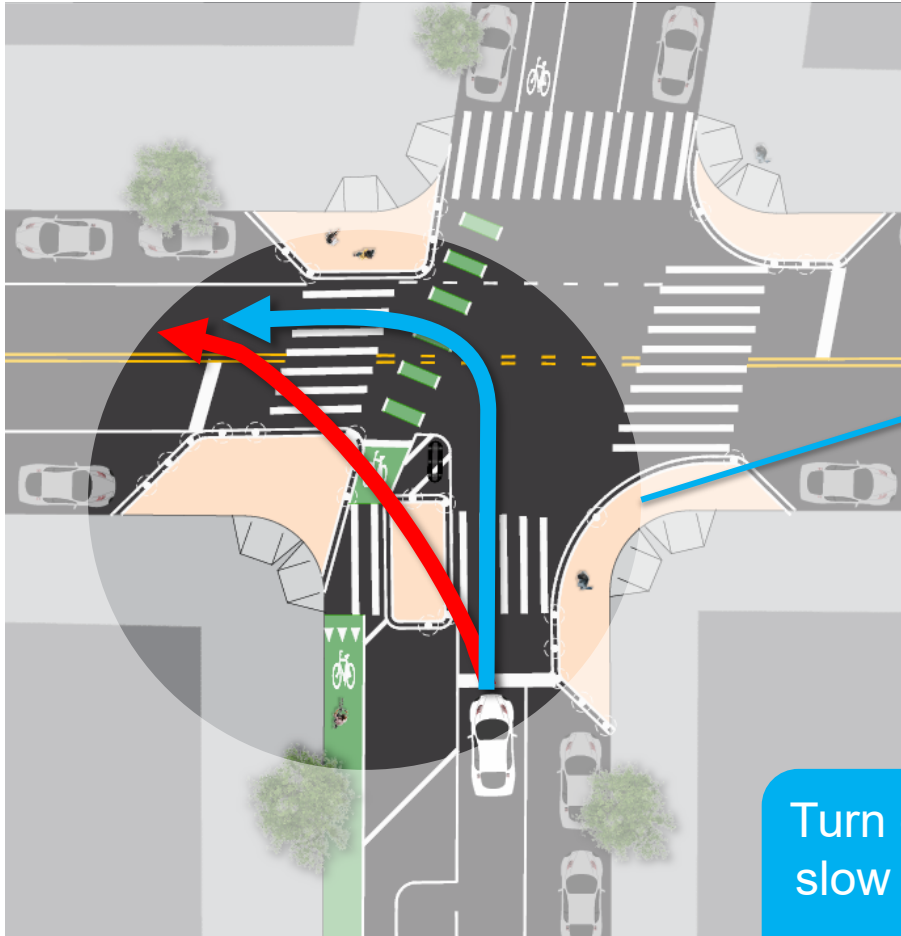
Proposal: Protect Painted Spaces

- Install planters, concrete blocks, and bike parking in painted pedestrian spaces to prevent vehicular access



Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

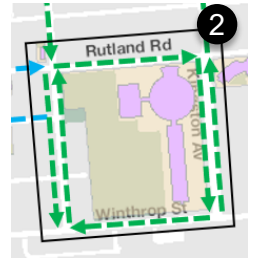
Proposal: Turn Calming



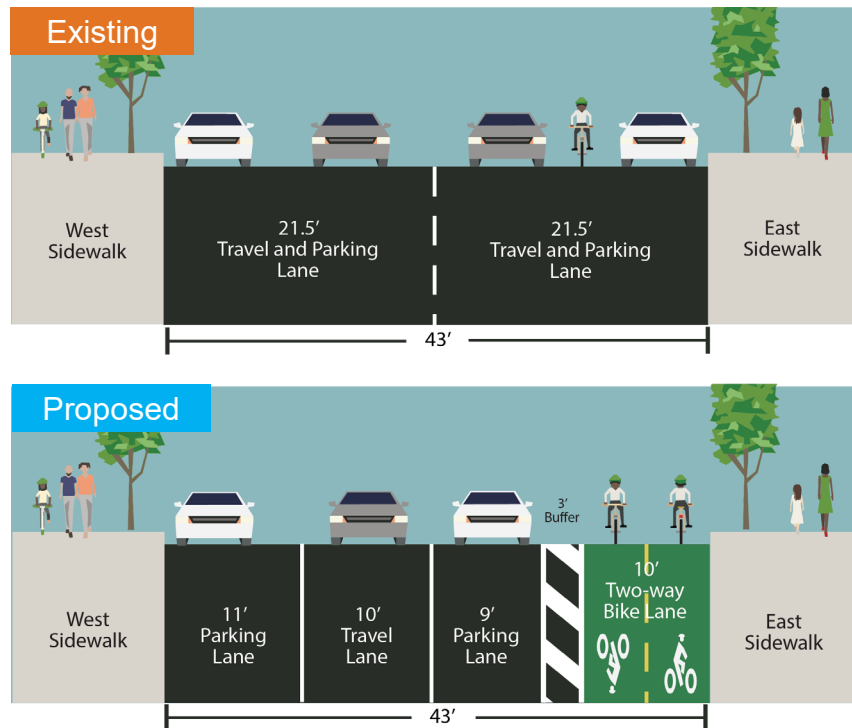
Turn calming treatments
slow drivers and tighten
turn radiuses

Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

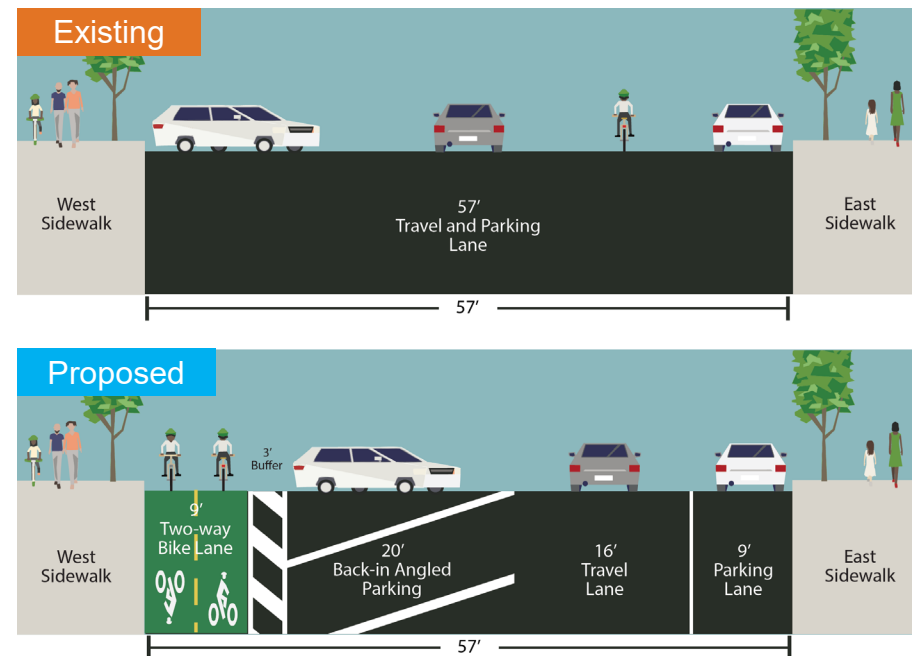
2. Proposal: Rutland Rd to Winthrop St Loop



Brooklyn Ave

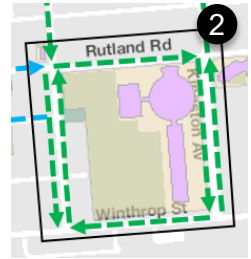


Kingston Ave



Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

2. Proposal: Rutland Rd to Winthrop St Loop



Narrow the road to discourage speeding



Improve mid-block access to the park



Expand pedestrian space in front of the school entrance



Fully protected cycling loop with rumble strips to slow cyclists



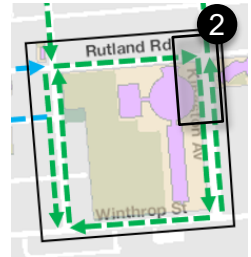
Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

Proposal Detail: George W. Wingate Campus

Shorten crossing distances



Rumble strips to alert and slow cyclists near schools



Improve pedestrian visibility

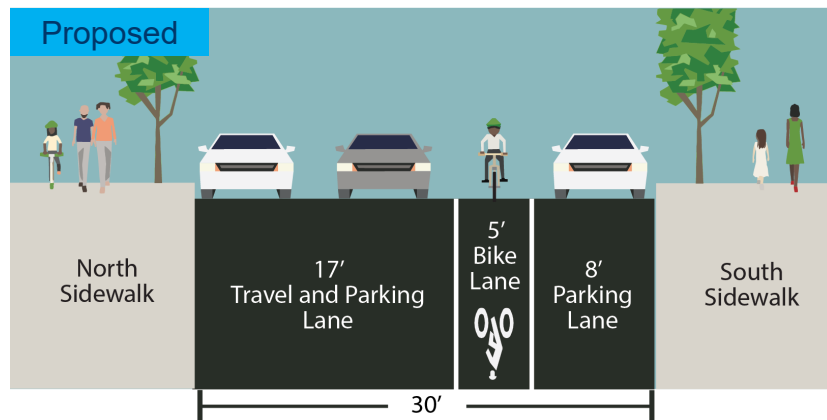
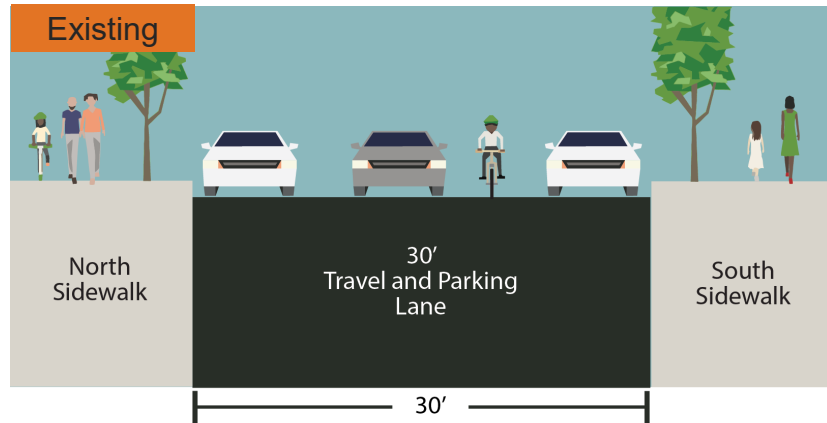


Organize back-in angled parking

Brooklyn Ave & Kingston Ave (E New York Ave to Lefferts Ave)

3. Proposal: Fenimore St and Rutland Rd, Flatbush Ave to Brooklyn Ave

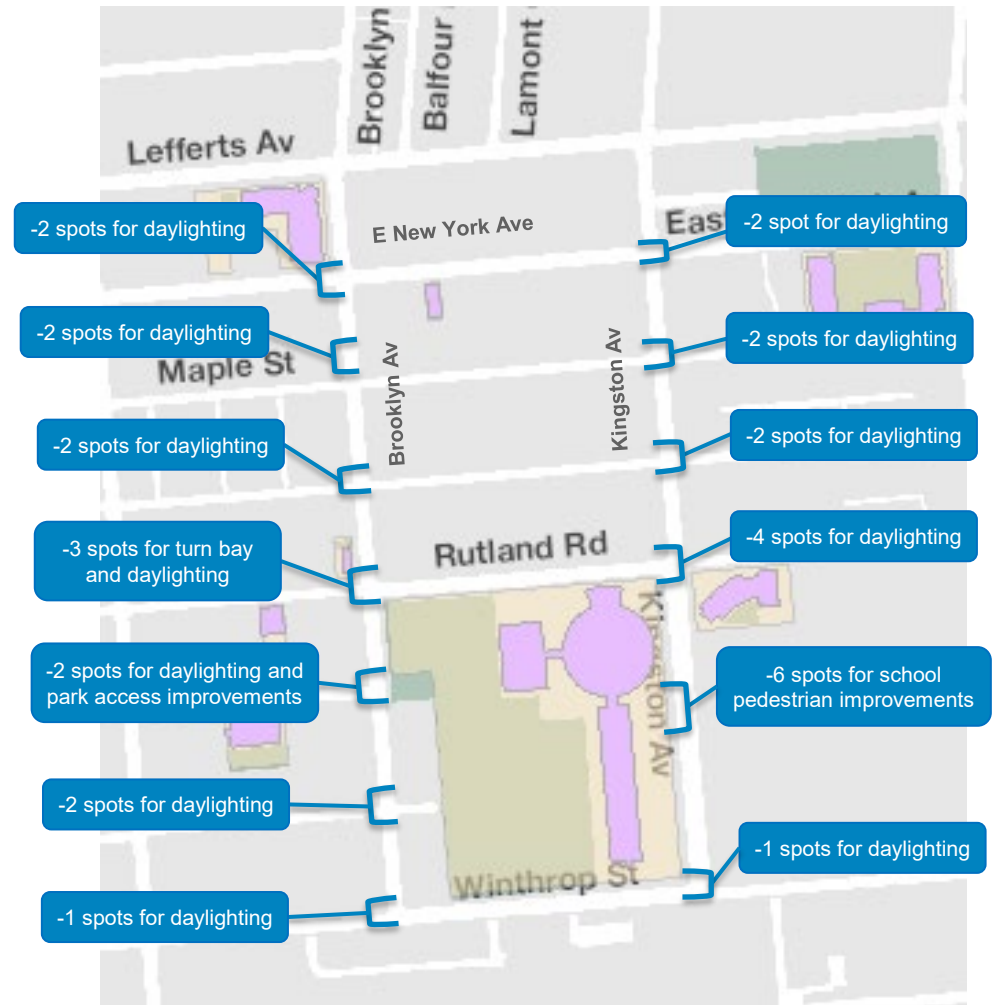
Fenimore St & Rutland Rd



Brooklyn Ave & Kingston Ave (E New York Ave to Lefferts Ave)

Proposal: Parking Impacts

- 31 parking spots repurposed for daylighting
- Daylighting improves visibility, safety, and shortens crossing distances at the intersection



Summary

Brooklyn Ave & Kingston Ave (Empire Blvd to Lefferts Ave)

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Brooklyn Ave & Kingston Ave (E New York Ave to Winthrop St)

Summary

- 10+ schools within a block of Brooklyn Ave and Kingston Ave with a high volume of student pedestrians
- Existing speeding concerns
- To improve safety, we propose:
 - Protected bike lanes to narrow the roadway and slow speeds
 - Painted curb extensions and pedestrian islands to shorten crossing distances and improve visibility
 - Turn calming treatments to slow turning vehicles



Thank You!

NYCDOT BK Borough
Commissioner's Office

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