



# Audubon Ave (W 168 St to W 170 St)

## School Safety Unit

Presentation to Community Board 12 | June 3, 2024



# Background

Audubon Ave (W 168 St to W 170 St)

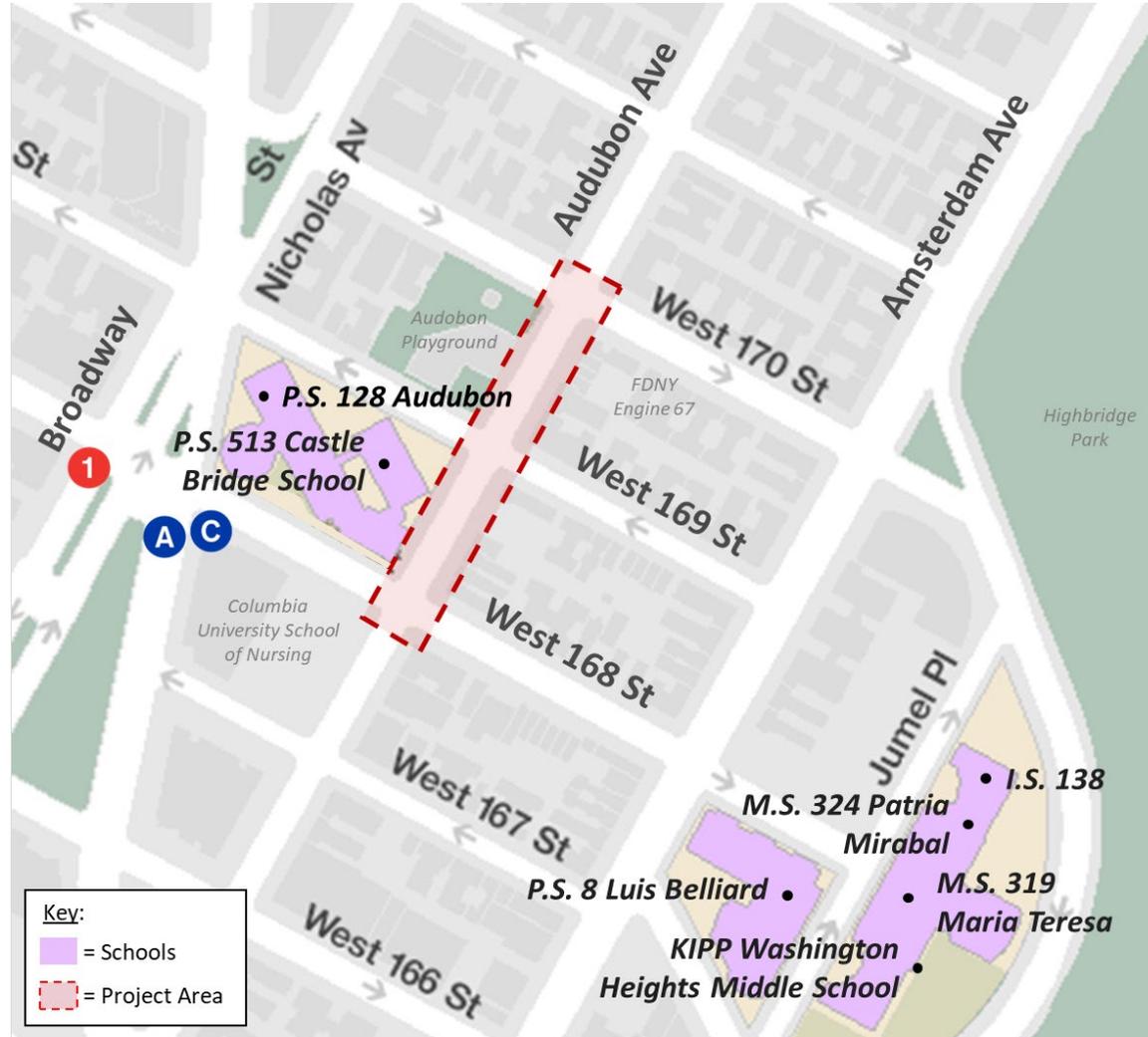
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# Audubon Ave (W 168 St to W 170 St)

## Project Area

- 2 schools and a playground directly on Audubon Ave
  - 7 schools within a 5-minute walk
- Close to the A, C, and 1 Subway lines and the M2, M3, M100, and Bx7 bus lines
- High volume of students and youth pedestrian at arrival and dismissal time



# Audubon Ave (W 168 St to W 170 St)

## Background

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- Concerns about speeding and double parking along this corridor
- In 2022 a student was hit by a car while crossing Audubon Ave at W 170 St
- DOT conducted a site walkthrough with Councilmember De La Rosa and school leadership in winter 2023 to discuss safety concerns



*Audubon Ave and W 169 St, facing North*

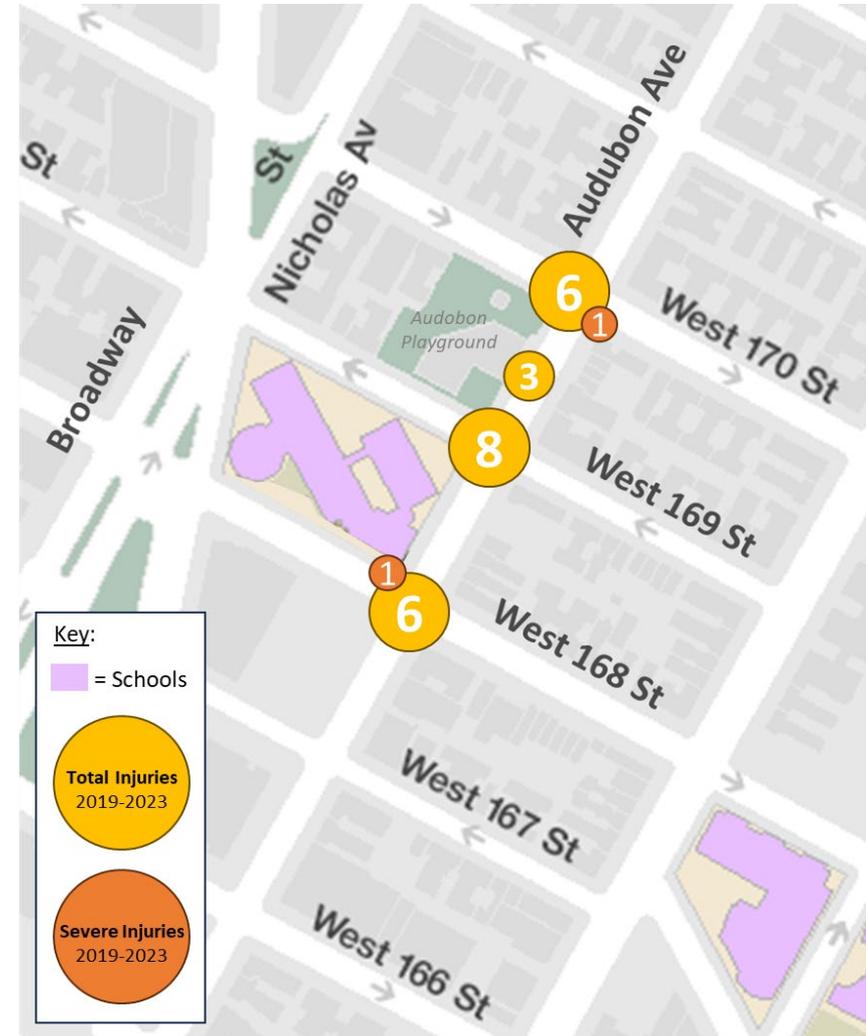
# Audubon Ave (W 168 St to W 170 St)

## Collision and Injury Data

- 23 total injuries, 2 severe injuries
- Pedestrians and cyclists make up 52% of injuries
  - Pedestrians make up 100% of severe injuries
- In 2022 a student was severely injured at Audubon Ave and W 170 St
  - Double parked vehicle blocking visibility of the crosswalk

Injury Summary, 2019-2023 (5 Years)

Mode	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	8	2	0	2
Bicyclist	4	0	0	0
Motor Vehicle Occupant	11	0	0	0
Other Motorized	0	0	0	0
Total	23	2	0	2



# Audubon Ave (W 168 St to W 170 St)

## Initial Improvements

- Investigated Audubon Ave between W 168th and W 170th St for speed bumps
  - Speed bumps cannot be installed within 250' of a signalized intersection
  - The blocks are too short to qualify
- Installed Leading Pedestrian Intervals (LPIs) on Audubon Ave between W 160 St and W 190 St in 2024
  - LPIs give pedestrians a head start to begin crossing before the light turns green



Block lengths: Audubon Ave (W 168<sup>th</sup> St to W 170<sup>th</sup> ST)

# Existing Conditions

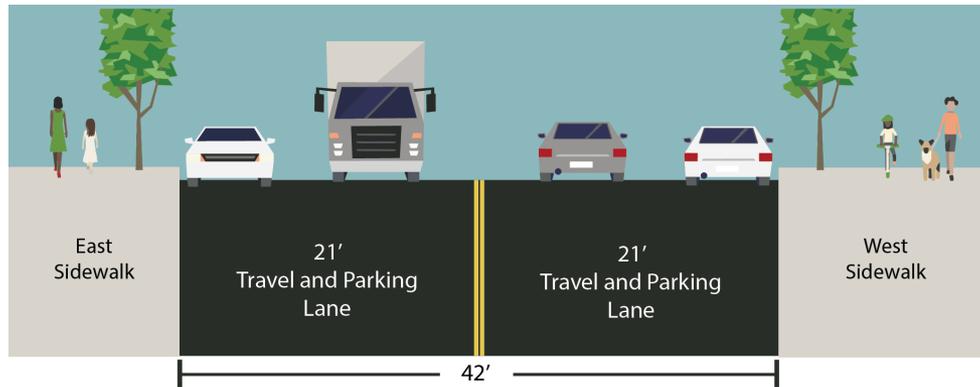
Audubon Ave (W 168 St to W 170 St)

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# Audubon Ave (W 168 St to W 170 St)

## Existing Conditions: Wide Travel Lanes



Wide lanes encourage speeding



Long crossing distances

Audubon Ave at W 169 St, facing South

# Audubon Ave (W 168 St to W 170 St)

## Existing Conditions: Dangerous Driver Behavior



Donut markings in front of the school and playground

Audubon Ave and W 169 St

# Audubon Ave (W 168 St to W 170 St)

## Existing Conditions: Dangerous Driver Behavior



U-turns through the crosswalks and bike lane



# Audubon Ave (W 168 St to W 170 St)

## Existing Conditions: Limited Visibility

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



Audubon Ave at W 169 St, facing South

# Audubon Ave (W 168 St to W 170 St)

## Existing Conditions: Double Parking

- Double parked vehicles block visibility of the crosswalk and create unsafe passing conditions



Vehicles passing into oncoming traffic



# Audubon Ave (W 168 St to W 170 St)

## Existing Conditions: Bus Loading

- School buses are unable to access the curb on Audubon Ave to safely load students



Students load  
between vehicles

Double parked buses block  
traffic and limit visibility



Audubon Ave at W 168 St, facing North

# Proposal

Audubon Ave (W 168 St to W 170 St)

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# Audubon Ave (W 168 St to W 170 St)

## Proposal: Traffic Calming and Improved Visibility



# Audubon Ave (W 168 St to W 170 St)

## Proposal: Painted Curb Extensions



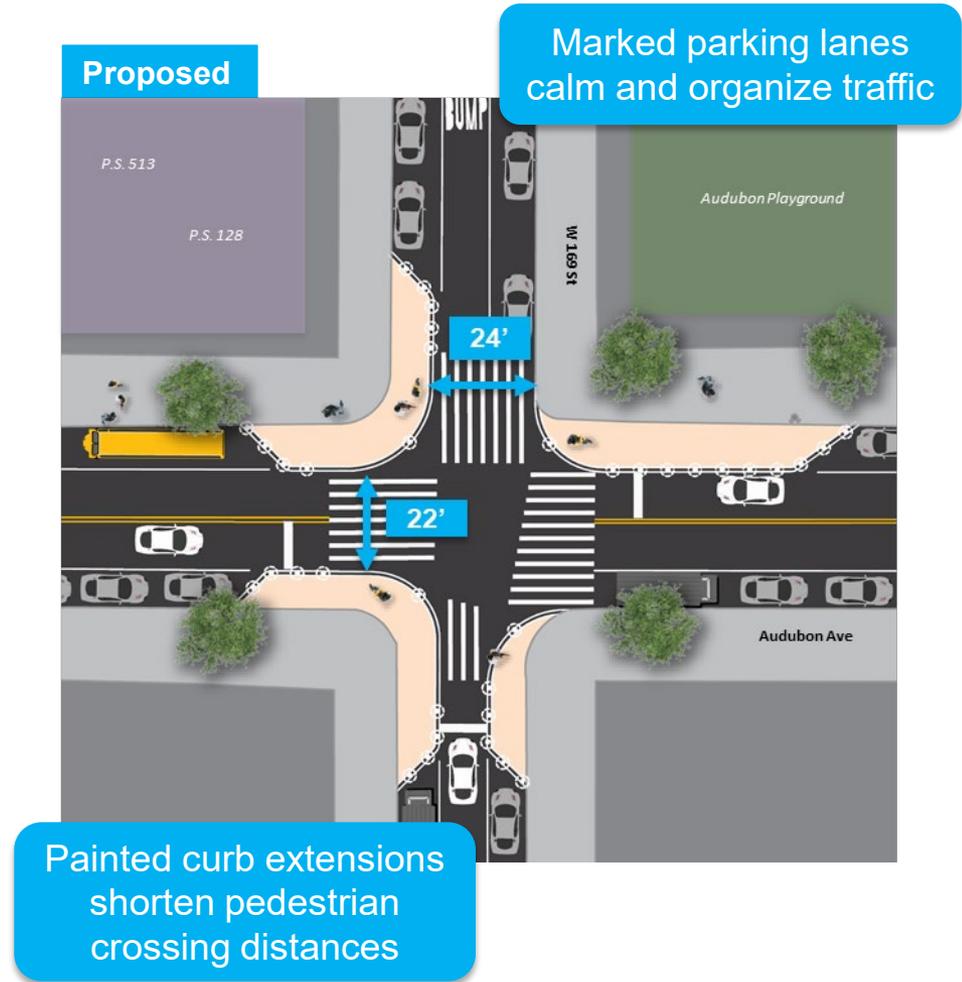
Shorten Crossings



Improve Visibility

# Audubon Ave (W 168 St to W 170 St)

## Proposal: Shorten Crossing Distance



# Audubon Ave (W 168 St to W 170 St)

## Proposal: Improve Visibility



Can't see pedestrians or oncoming traffic

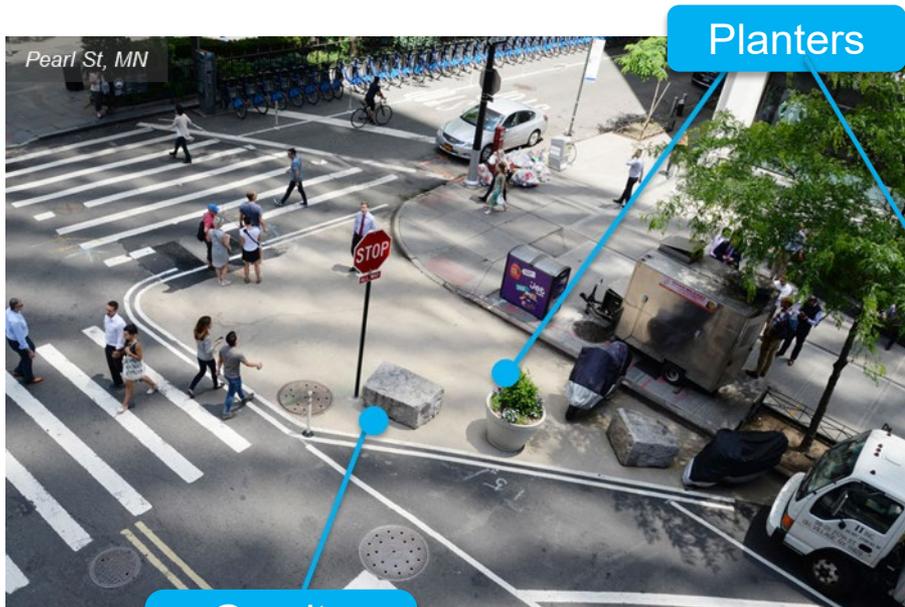


Clear visibility of the intersection

# Audubon Ave (W 168 St to W 170 St)

## Proposal: Painted Space Hardening

- Prevent vehicles from parking in the painted curb extensions by using street furniture like planters, granite blocks, and bike parking



# Audubon Ave (W 168 St to W 170 St)

## Proposal: Curb Regulations

- Install a School Loading Zone on Audubon Ave to provide bus access to the curb
- Relocate existing teacher parking spots on Audubon Ave to W 168<sup>th</sup> St



# Audubon Ave (W 168 St to W 170 St)

## Proposal Summary

- Install painted curb extensions along Audubon Ave at W 168 St, W 169 St, and W 170 St to shorten crossings and improve visibility
- Install parking stripes to narrow the travel lane and reduce speeding
- Install a School Loading Zone to improve bus operations



# Thank You!

## Questions?



Contact: NYCDOT Manhattan Borough Commissioner's Office - (212) 839-6210



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