



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

- 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 (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 168th St to W 170th ST)

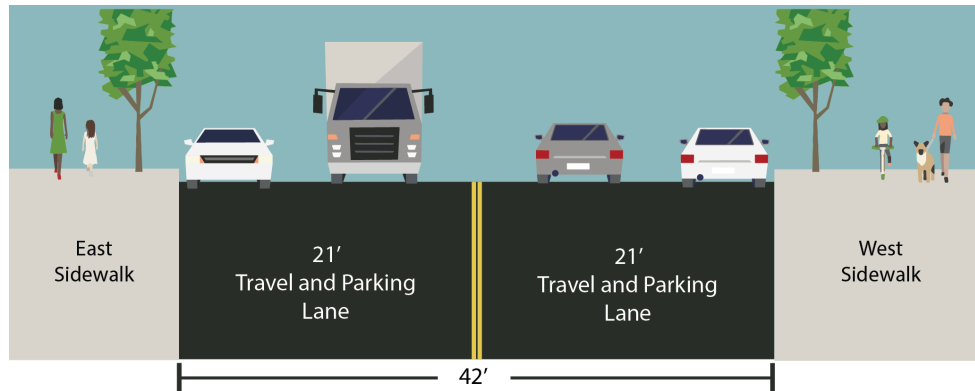
Existing Conditions

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 (W 168 St to W 170 St)

Existing Conditions: Dangerous Driver Behavior



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



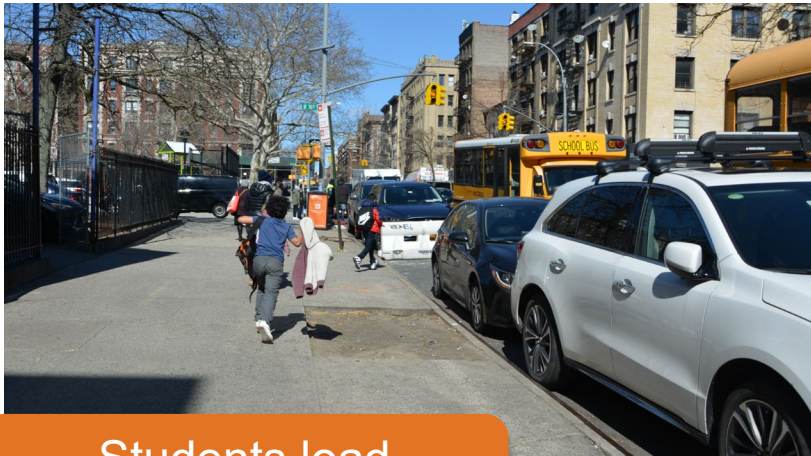
Vehicles passing into oncoming traffic



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



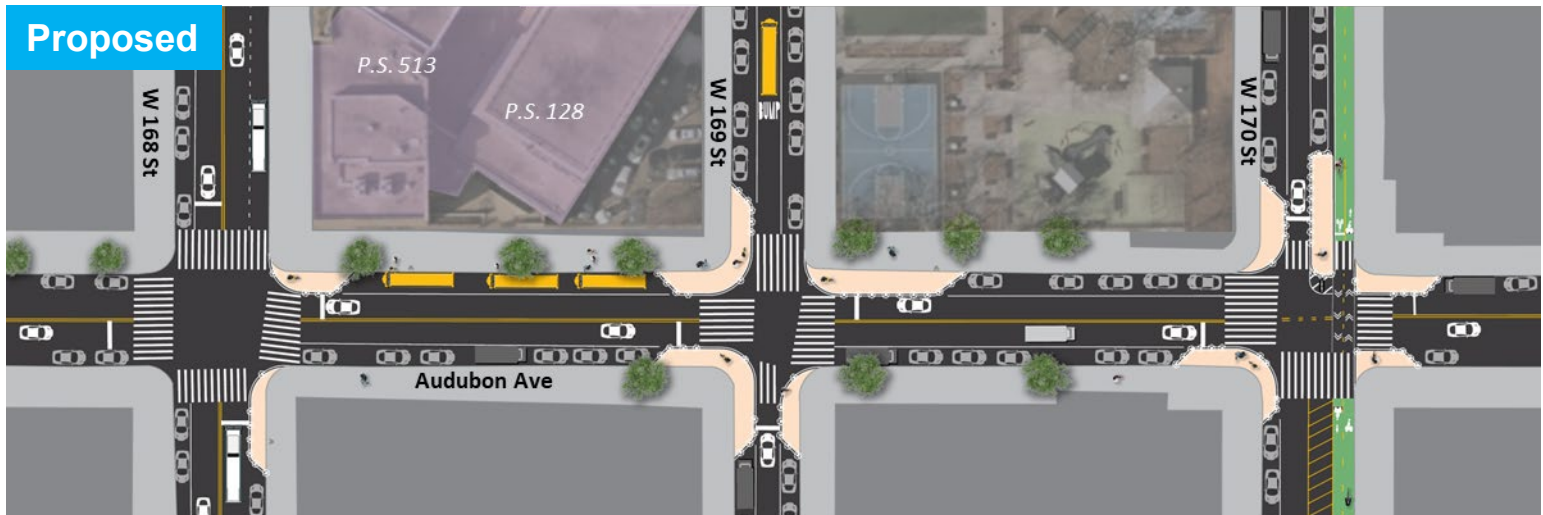
Proposal

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

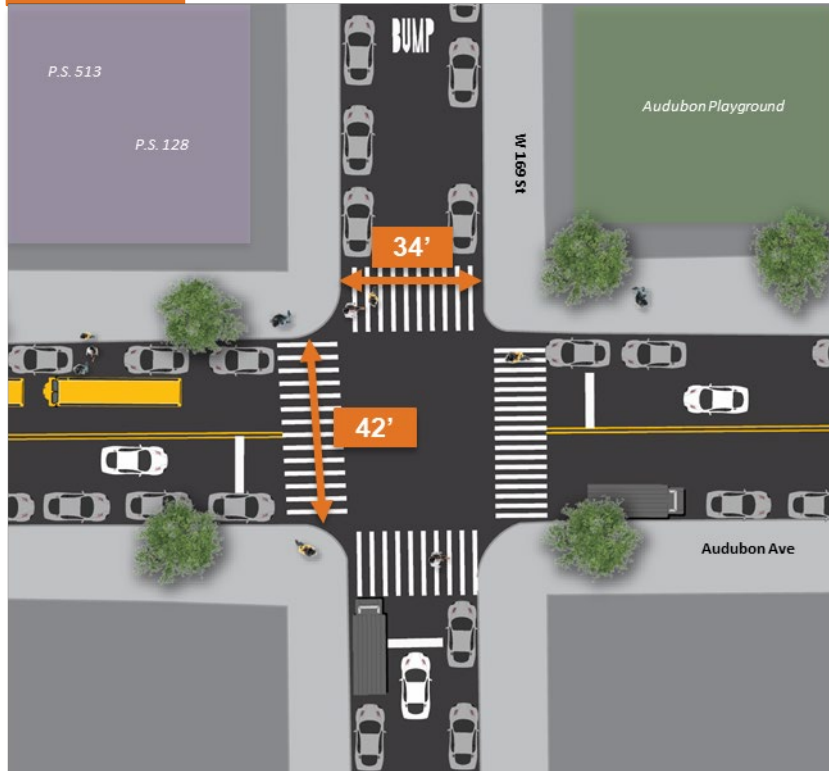


Improve Visibility

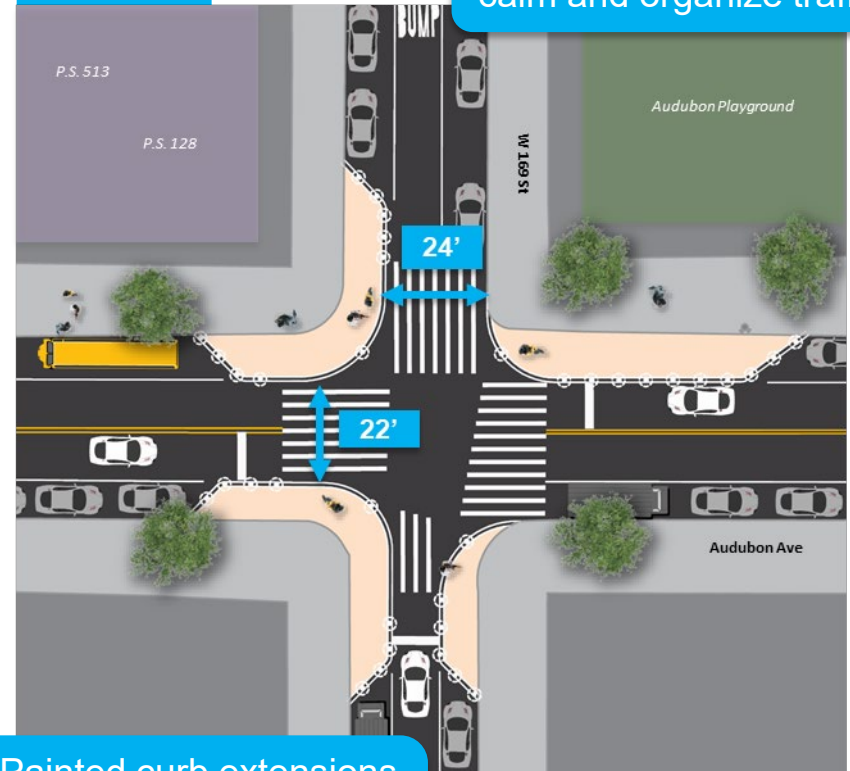
Audubon Ave (W 168 St to W 170 St)

Proposal: Shorten Crossing Distance

Existing



Proposed



Audubon Ave (W 168 St to W 170 St)

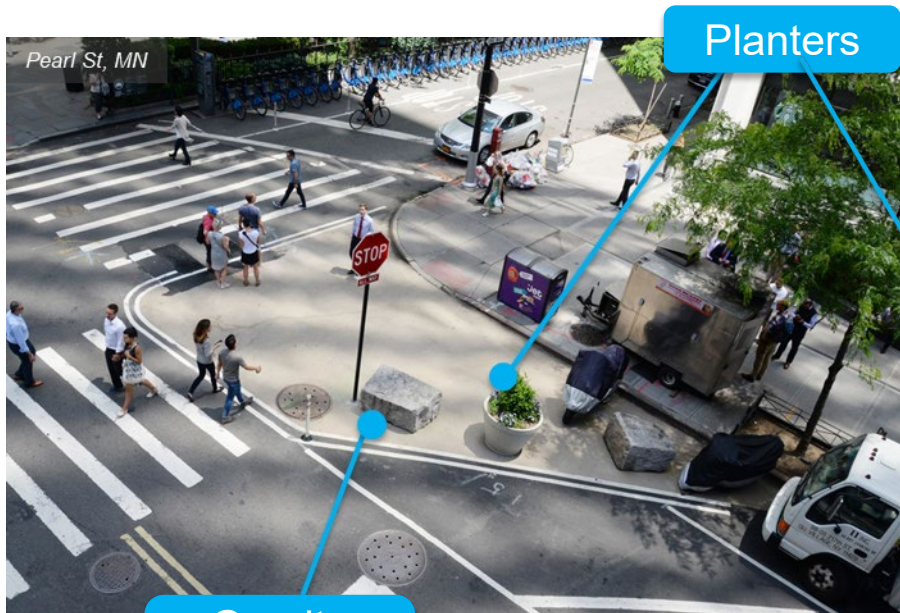
Proposal: Improve Visibility



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 168th St



Provide bus loading access to the curb

Existing: Audubon Ave facing South (between W 168 St to W 169 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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