



44th Ave,

Junction Blvd to National St

School Safety Improvements

Presentation for Transportation Committee of Community Board 4 | July 25, 2024



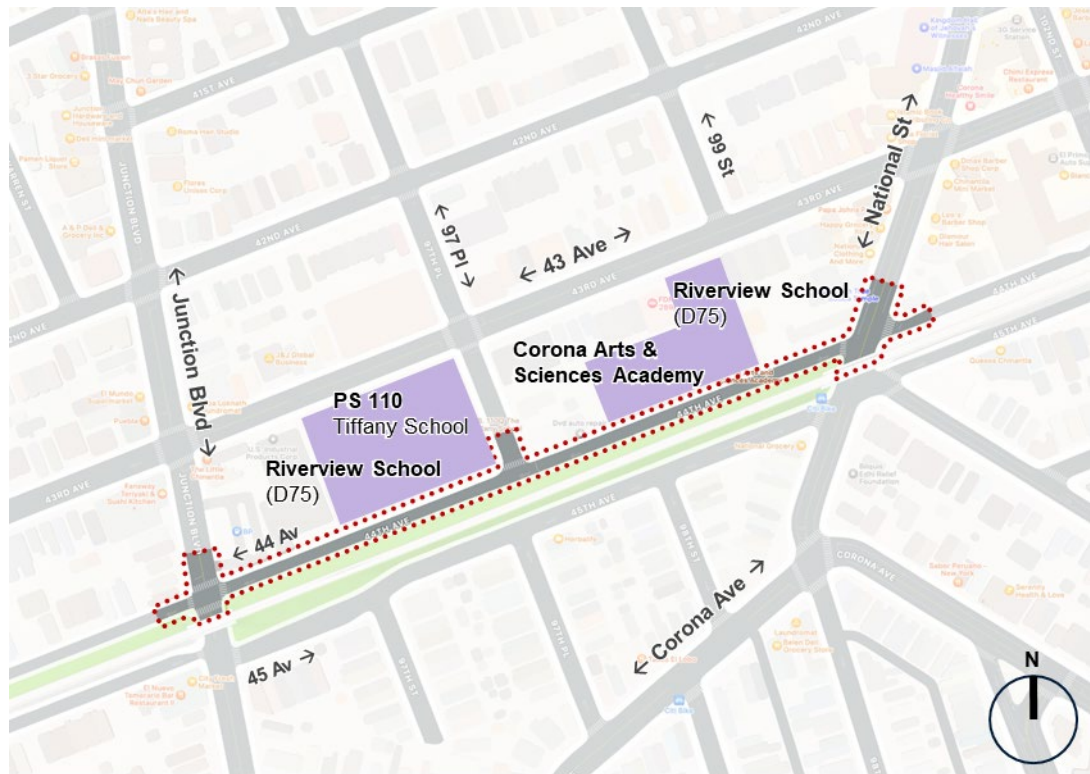
Background



1

Background

Project Area

- Local requests for school safety improvements
- PS 110, Corona Arts & Sciences Academy and Riverview School (D75) located on 44th Ave
 - 10 schools within a 5-minute walk
- High volume of students at arrival and dismissal time
- Schools surrounded by industrial and auto-oriented land uses



-  School
-  Project Area

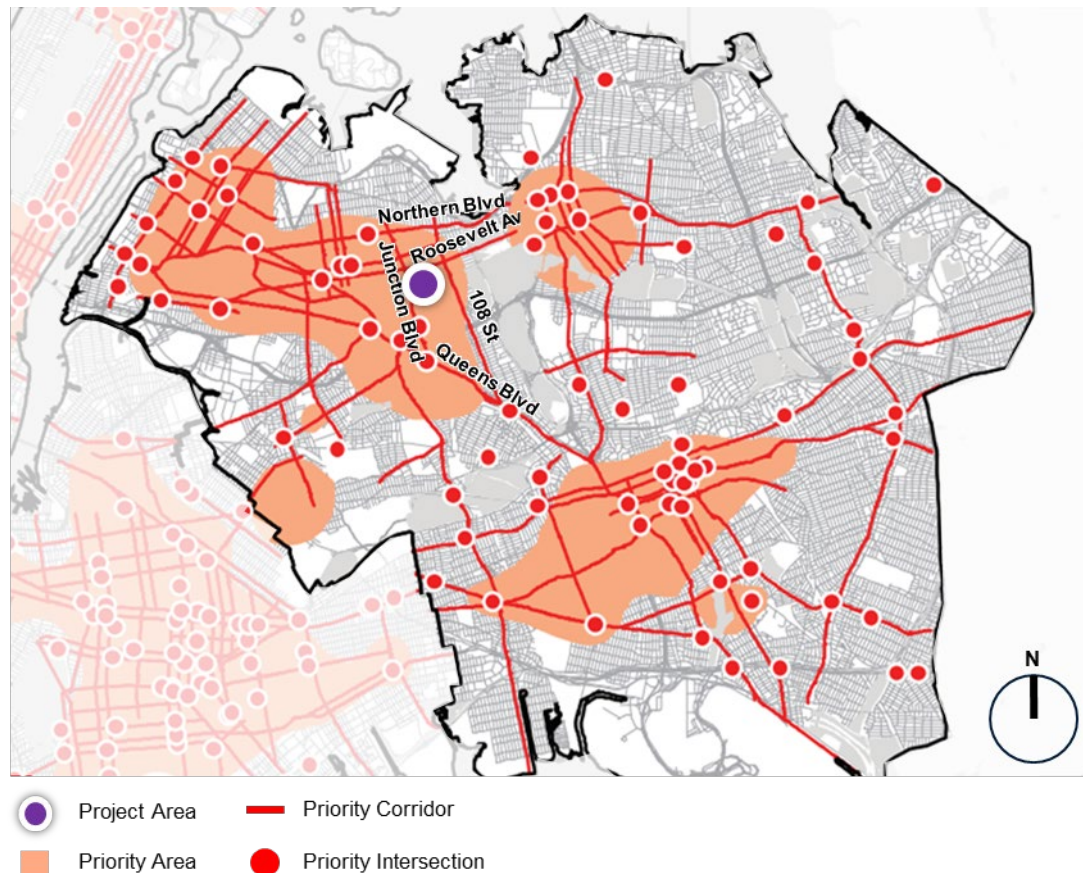
Background

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

44 Ave, Junction Blvd to National St

- Project area is in a Vision Zero Priority Area
- Junction Blvd is a Vision Zero Priority Corridor



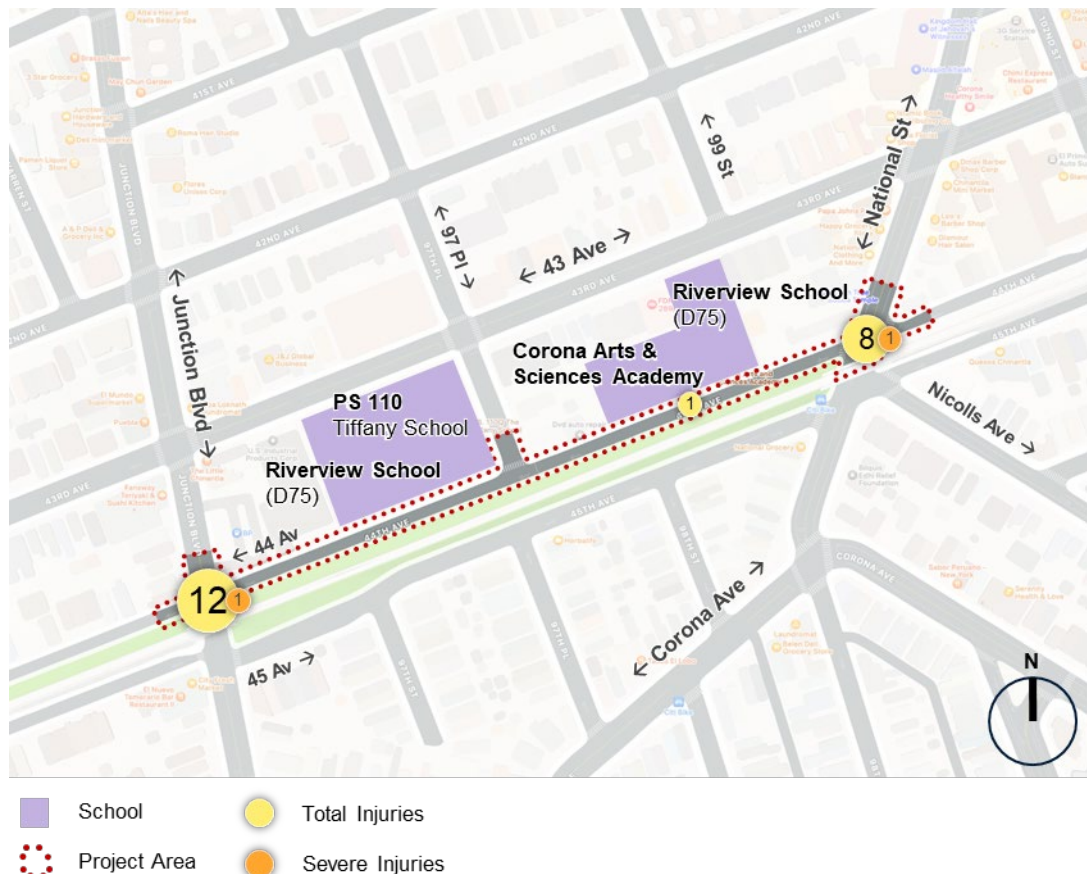
Background

Collision and Injury Data

- **21** total injuries
- **2** serious injuries
- **67 %** of injuries are pedestrians and bicyclists

Injury Summary — 2019-2023 (5 Years)

Mode	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	5	0	0	0
Bicyclist	9	2	0	2
MVO	6	0	0	0
Other Motorized	1	0	0	0
Total	21	2	0	2





Existing Conditions

2

44 Ave (Junction Blvd to National St)

Existing Conditions

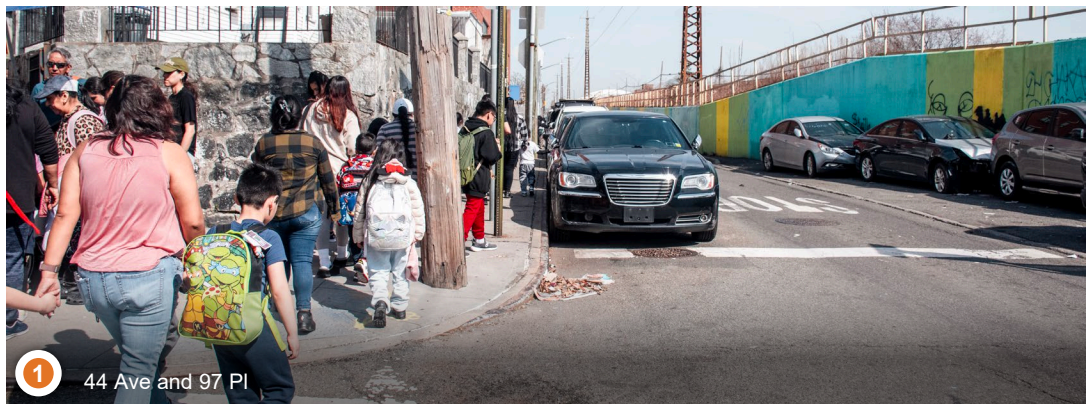
- Substandard narrow 18' wide one-way roadway with one travel lane and one parking lane.
- Curb space next to schools is assigned to school loading – No Standing School Days 7 am – 4 pm
- Vehicles illegally park in School Loading Zones, blocking school buses and parents from pulling to the curb, causing unsafe conditions



44 Ave (Junction Blvd to National St)

Existing Conditions

- Substandard, non-ADA accessible, narrow and overcrowded sidewalks next to schools are a safety concern





44 Ave, in front of Corona Arts and Sciences Academy looking east



44 Ave, in front of Corona Arts and Sciences Academy looking east

44 Ave and Junction Blvd

Existing Conditions

- Multiple wide and not clearly defined commercial curb cuts next to schools are a safety concern
- Badly designed curb cuts result in sidewalk parking and driving, visibility issues, cut-through traffic, unpredictable driver behavior, near-misses, and collisions with student pedestrians





Junction Blvd at 44 Ave, looking north



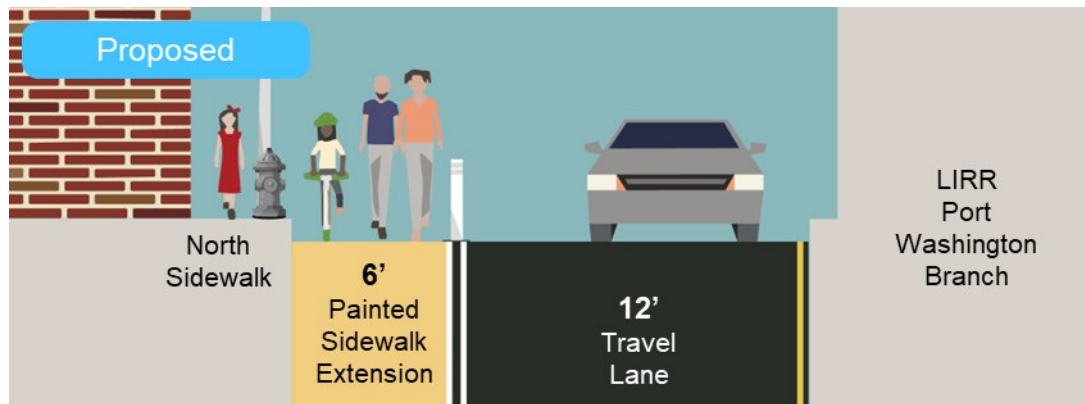
Proposed Improvements

3

44 Ave (Junction Blvd to National St)

Sidewalk Extension

- Replace parking with a 6' wide painted sidewalk extension along 44 Ave between Junction Blvd and National St to provide safe pedestrian access to PS 110, Corona Arts & Sciences Academy and Riverview School (D75)



44 Ave (Junction Blvd to National St)

Sidewalk Extension



44 Ave (Junction Blvd to National St)

Sidewalk Extension

- Sidewalk extensions in front of schools improve pedestrian visibility and address sidewalk overcrowding



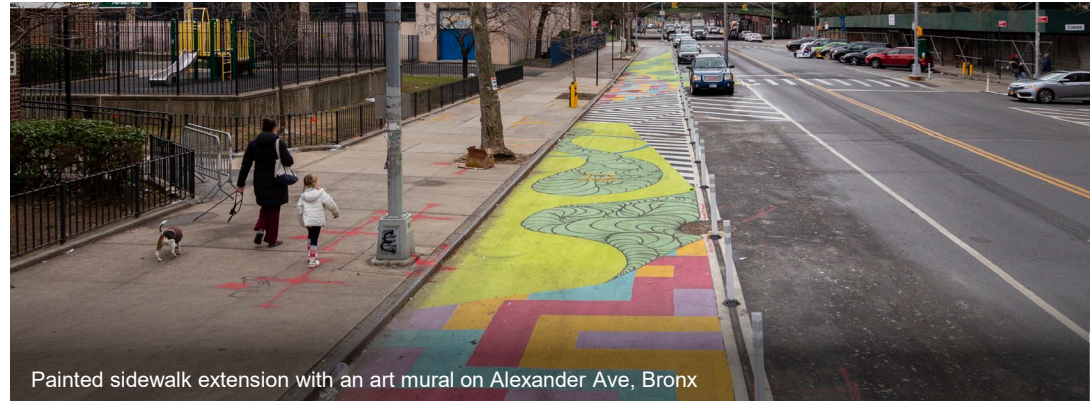
44 Ave (Junction Blvd to National St)

Sidewalk Extension

- Potential candidate for DOT Asphalt Art Site
- DOT partners with artists to paint large-scale murals onto repurposed asphalt that has been transformed into pedestrianized public spaces



Fresh Creek School NYC DOT Asphalt Art Students Engagement, May 13, 2024

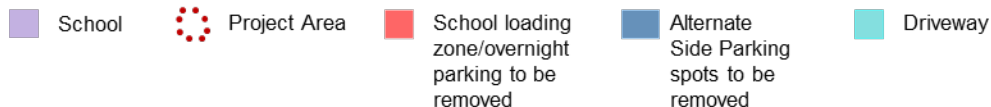
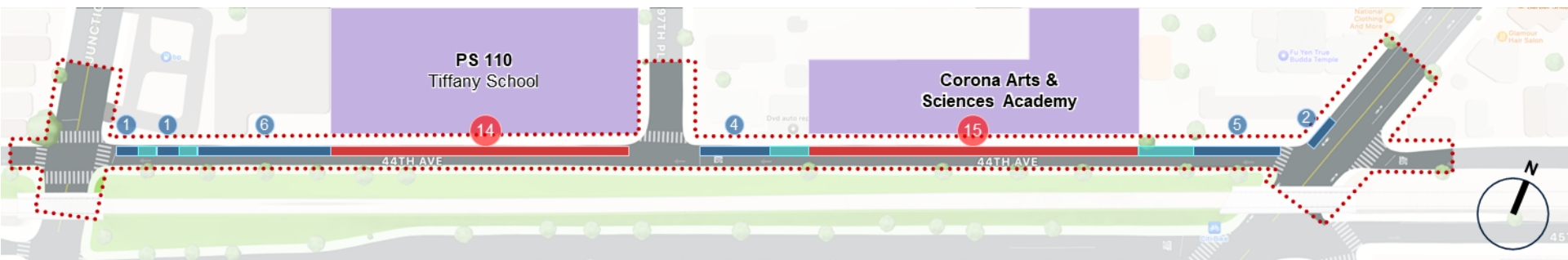


Painted sidewalk extension with an art mural on Alexander Ave, Bronx

44 Ave (Junction Blvd to National St)

Parking Considerations

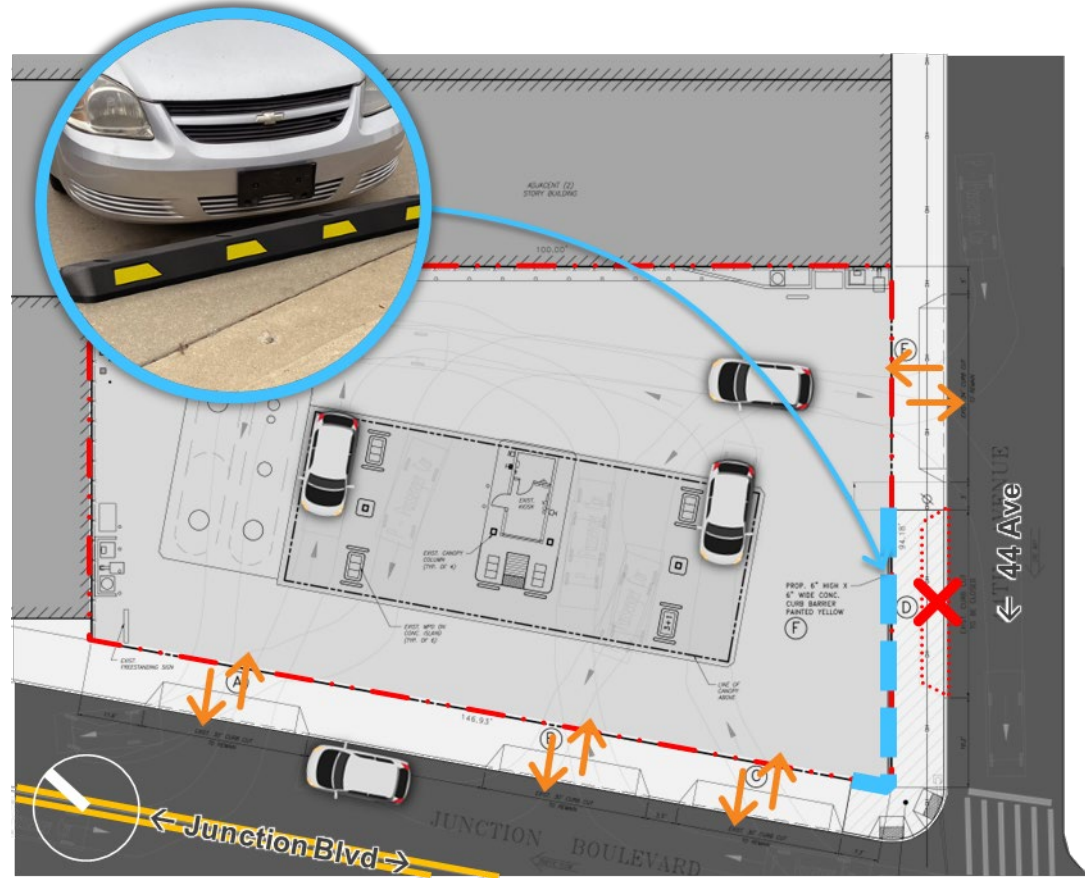
- Replace 19 parking spots and 29 overnight parking spots on 44th Ave with a painted sidewalk to provide safe pedestrian access to PS 110, Corona Arts & Sciences Academy & Riverview School (D75)



44 Ave and Junction Blvd

Back of Sidewalk Treatments

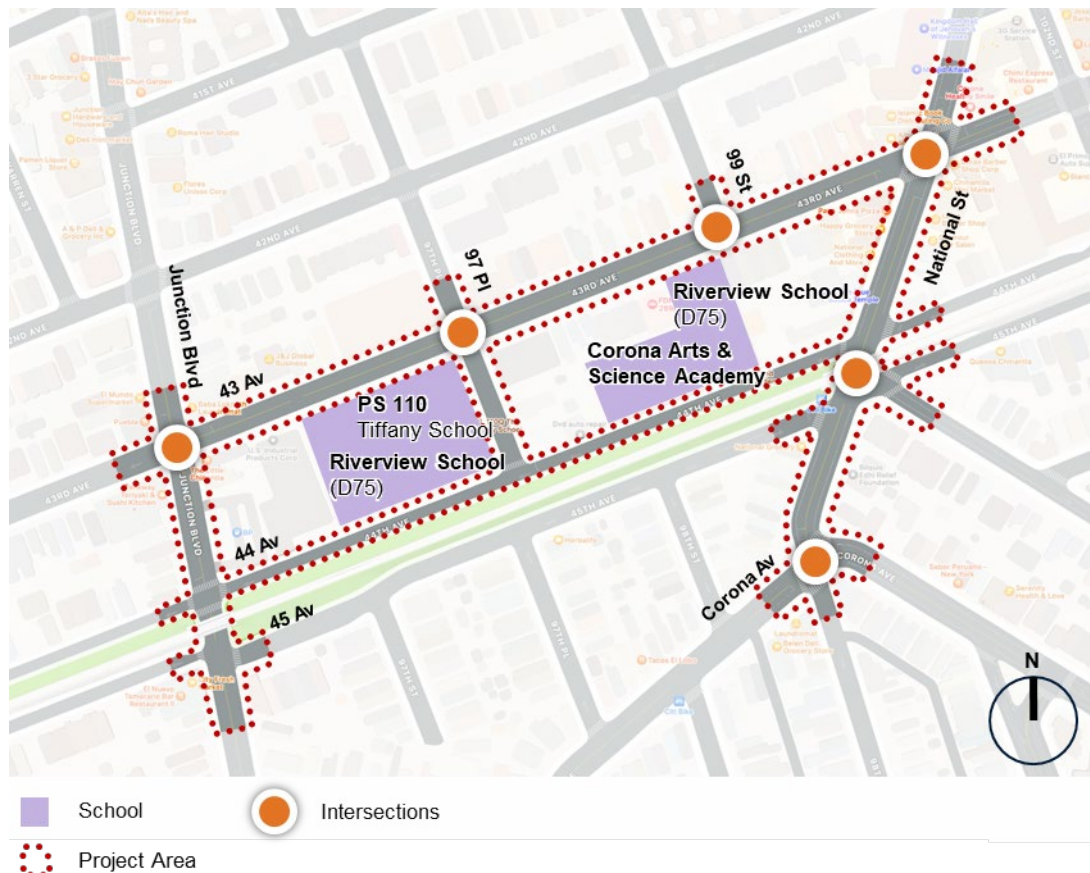
- DOT has been working with BP to reconfigure curb cut access with the goal to improve safety and install back of sidewalk treatments



Next Steps

Future Improvements

- Collect and analyze data at the intersections in direct vicinity of PS 110 and Corona Arts and Science Academy to determine feasibility of additional safety improvements



Thank You!

Questions?

NYC DOT Queens
Borough Commissioner's Office
212.839.2510



NYCDOT



nyc_dot



nyc_dot



NYCDOT