



Westchester Ave (Hobart Ave to Edison Ave)

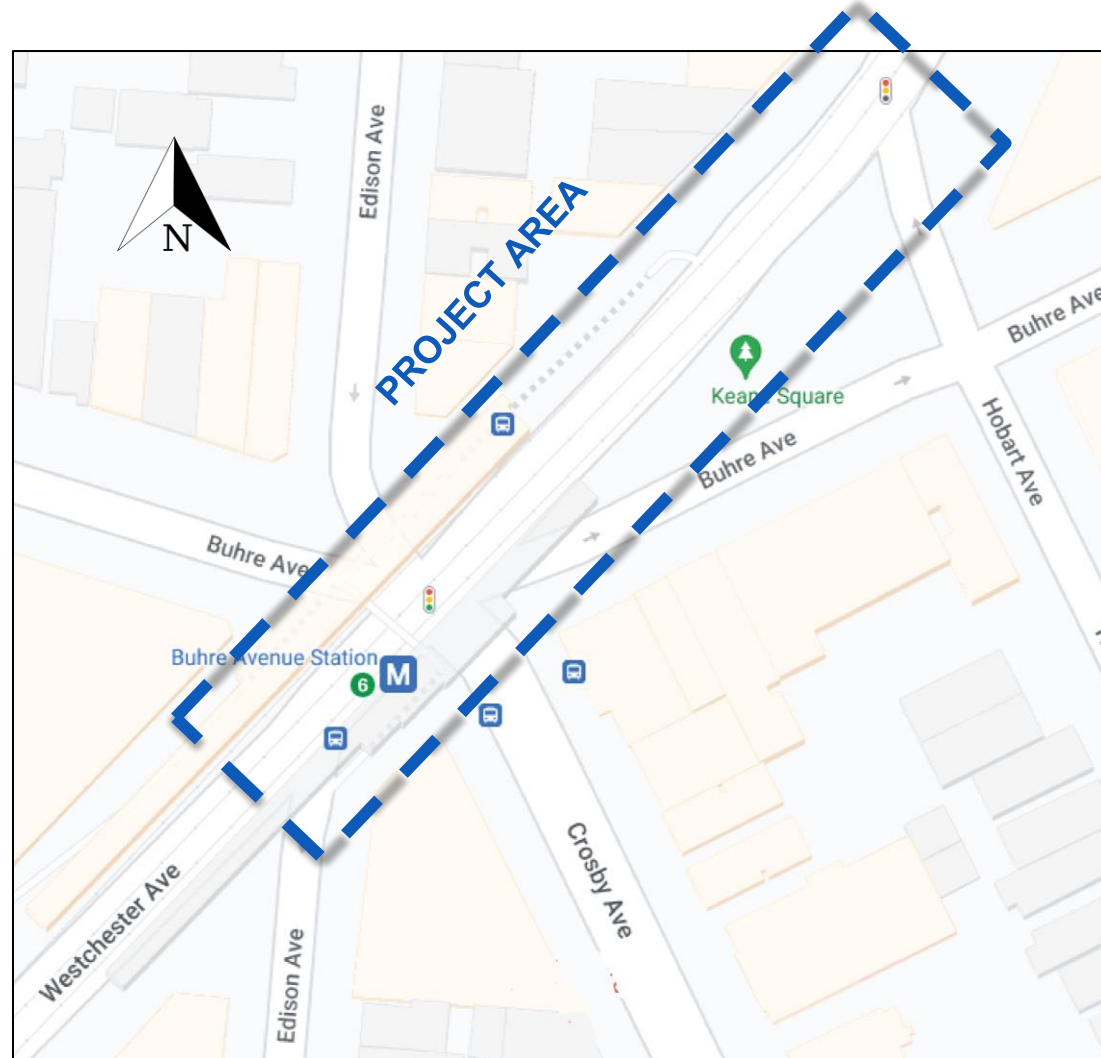
Bronx CB 10 Municipal Services Committee

May 11, 2022



Project Location

- Project location is underneath the elevated Buhre Ave 6 Train MTA station
- Bx24 bus runs EB/WB on Westchester Ave
- Bx8 and BxM8 run on Westchester Ave and turn onto Crosby Ave
- Westchester Ave is a local truck route
- Westchester Ave is a commercial corridor surrounded by residential land use
- Westchester Ave is a two-way corridor with a travel lane and parking lane in each direction



Bus Stops Under the EI Program

- Federally-funded program to improve safety at bus stops located under elevated subway lines
- Installed at locations where buses cannot access the curb due to subway columns
- Addresses unsafe waiting conditions, non-ADA compliant bus stops, and intersection safety
- Construction of bus boarding islands or curb extensions improves bus service and safety



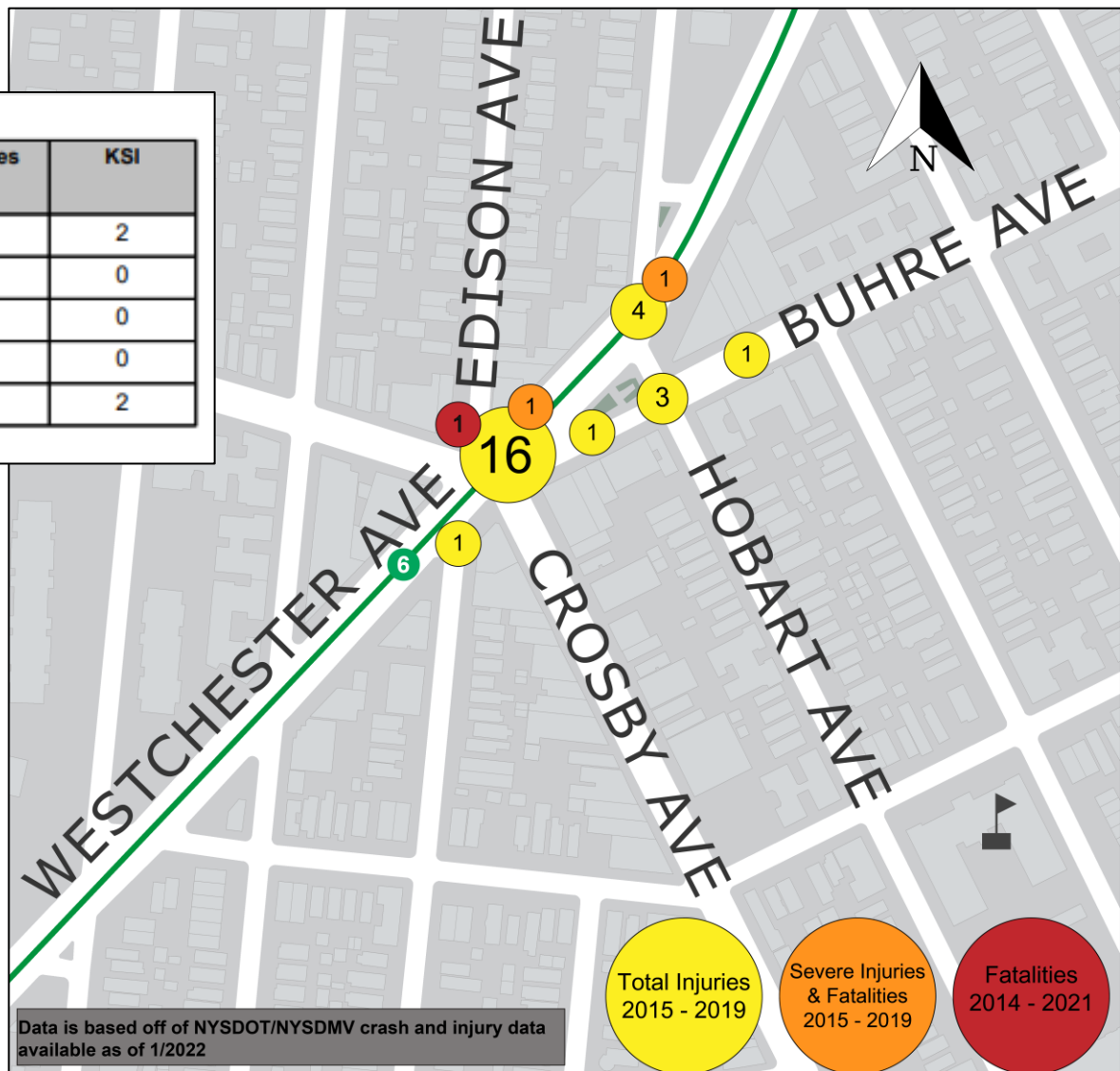
Safety Data

Injury Summary, 2015-2019 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	13	2	0	2
Bicyclist	2	0	0	0
Motor Vehicle Occupant	11	0	0	0
	0	0	0	0
Total	26	2	0	2

Source: Fatalities: NYCDOT, Injuries: NYSDOT KSI: Persons Killed or Severely Injured

- 13 out of 26 injuries at this intersection have involved pedestrians, including 2 severe injuries
- Many pedestrian injuries are related to vehicles hitting pedestrians when turning or pedestrians crossing without a crosswalk



Existing Conditions

Bx24 bus stops on Westchester Ave



Existing Conditions

Westchester Ave

Long crossing distances to access transit



Existing Conditions

Westchester Ave

Disorganized Movements Around Columns



Existing Conditions

Westchester Ave and Edison Ave

Disorganized roadway leads to pedestrian/vehicle conflicts



Existing Conditions

Westchester Ave and Hobart Ave



Existing Conditions

Missing Crosswalks

Missing crosswalk across Buhre Ave



Missing crosswalk across Westchester Ave



Existing Conditions

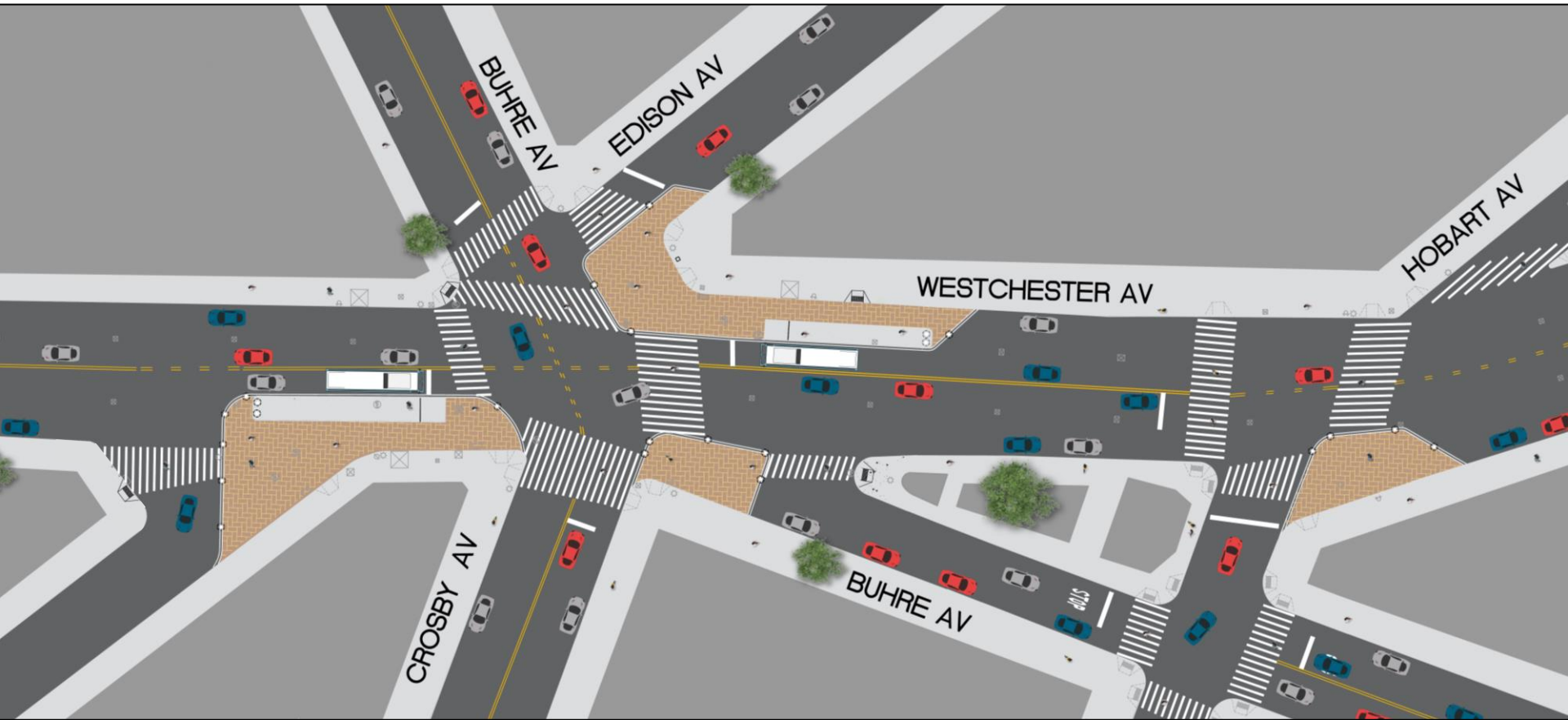
Commercial Loading

Trucks load/unload in the roadway, blocking traffic and creating unsafe conditions for pedestrians



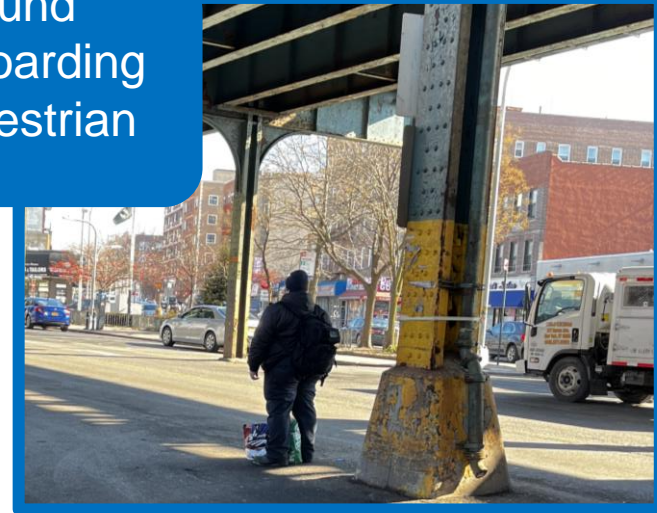
Proposed Safety Improvements

Overview

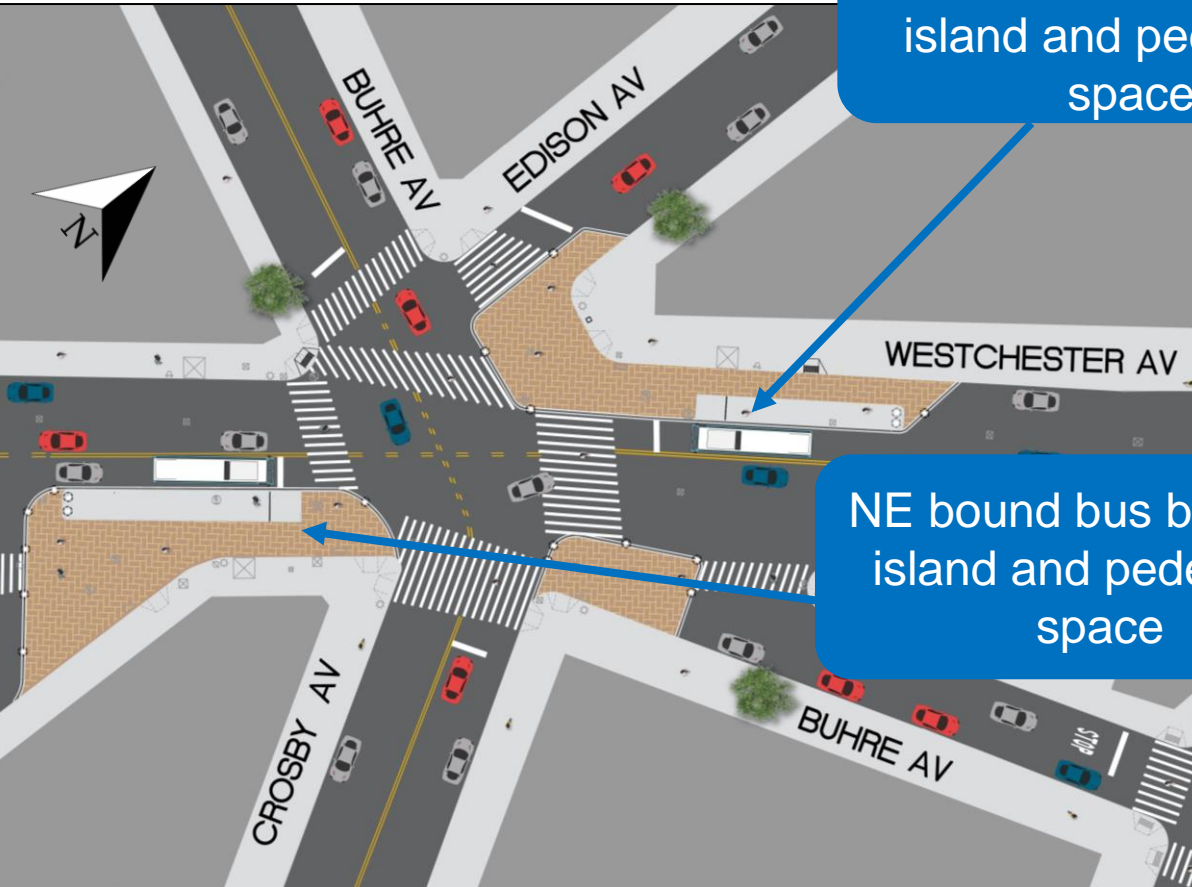


Proposed Safety Improvements

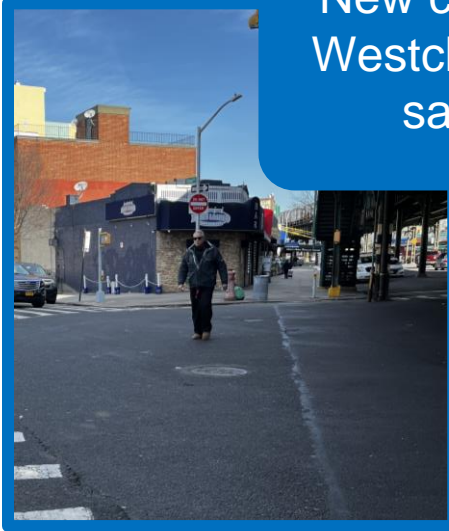
New SW bound
concrete bus boarding
island and pedestrian
space



NE bound bus boarding
island and pedestrian
space



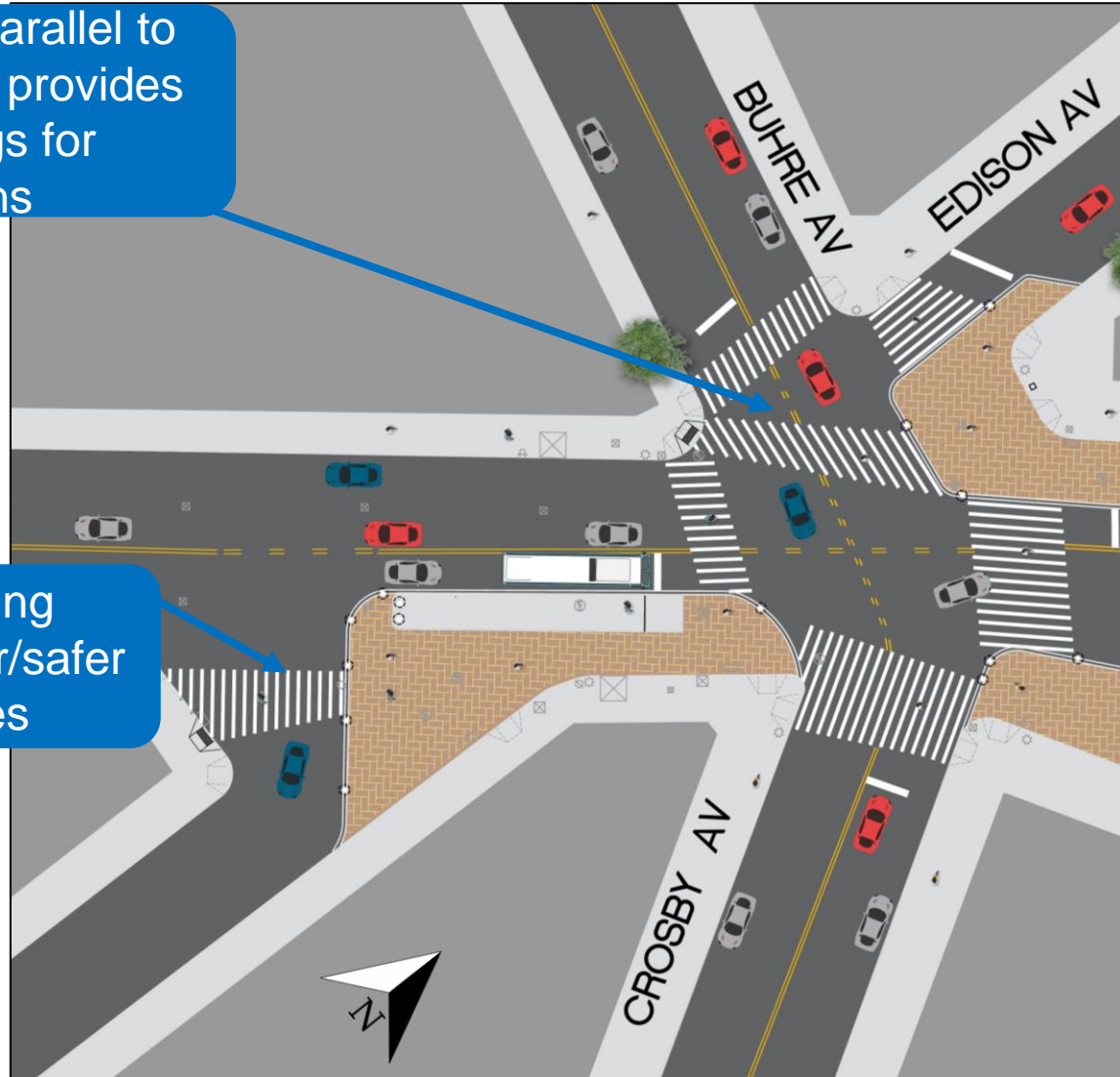
Proposed Safety Improvements (Cont.)



New crosswalk parallel to Westchester Ave provides safe crossings for pedestrians

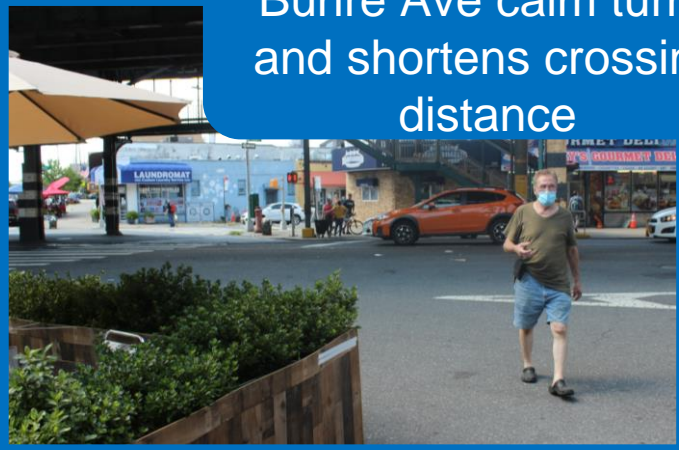


Shortened crossing distance and simpler/safer turns for vehicles

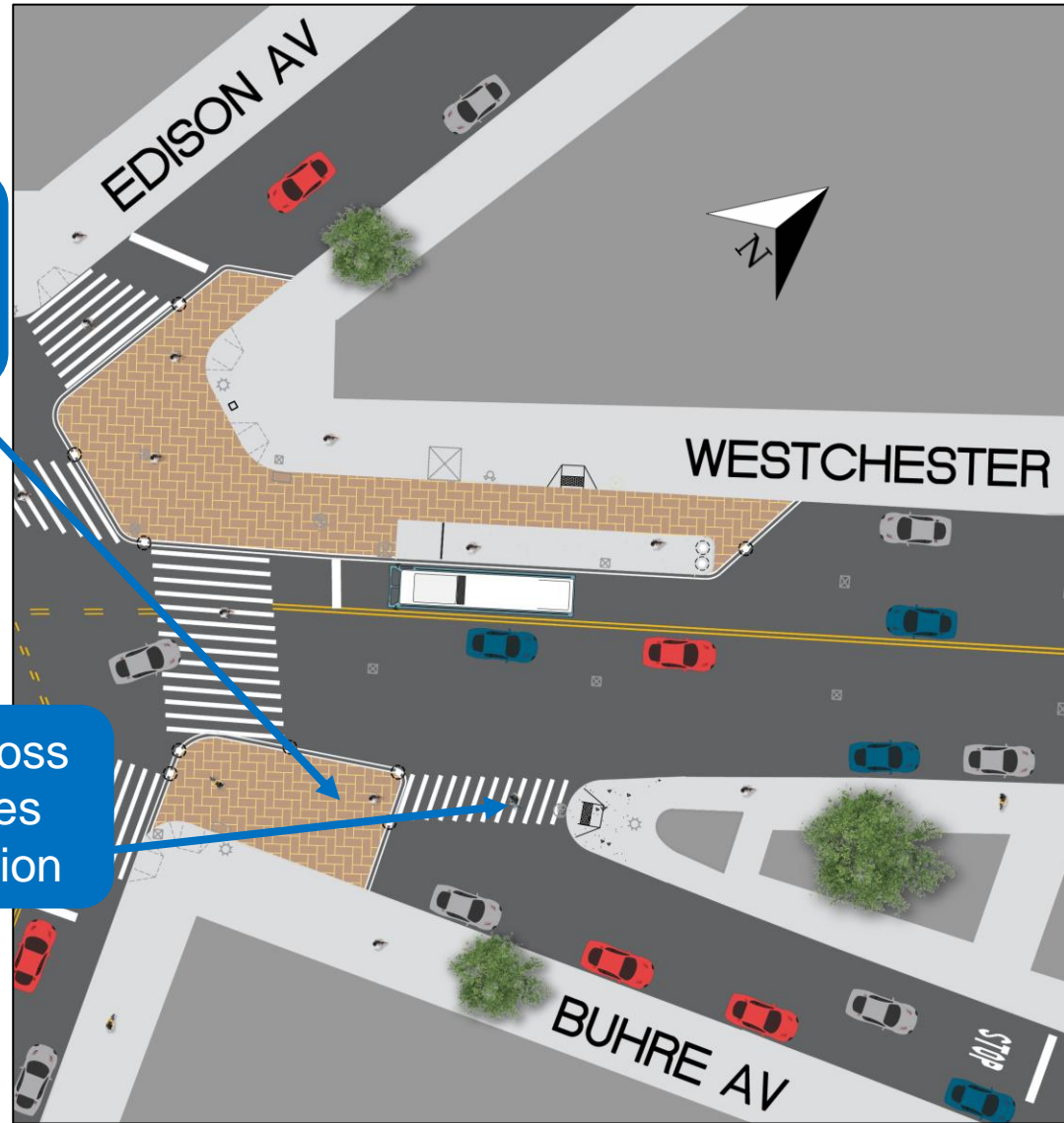


Proposed Safety Improvements (Cont.)

Curb extension at Buhre Ave calm turns and shortens crossing distance

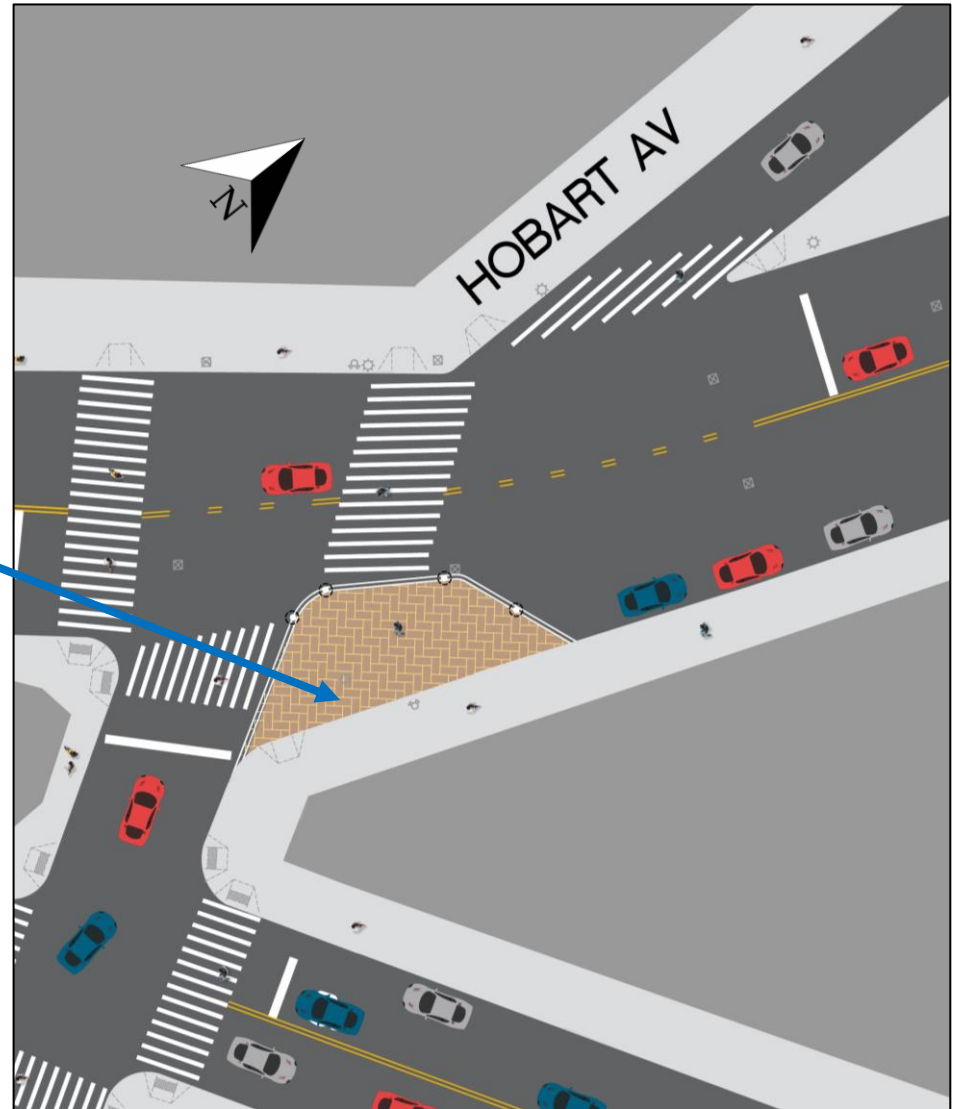


New crosswalk across Buhre Ave provides safe crossing location

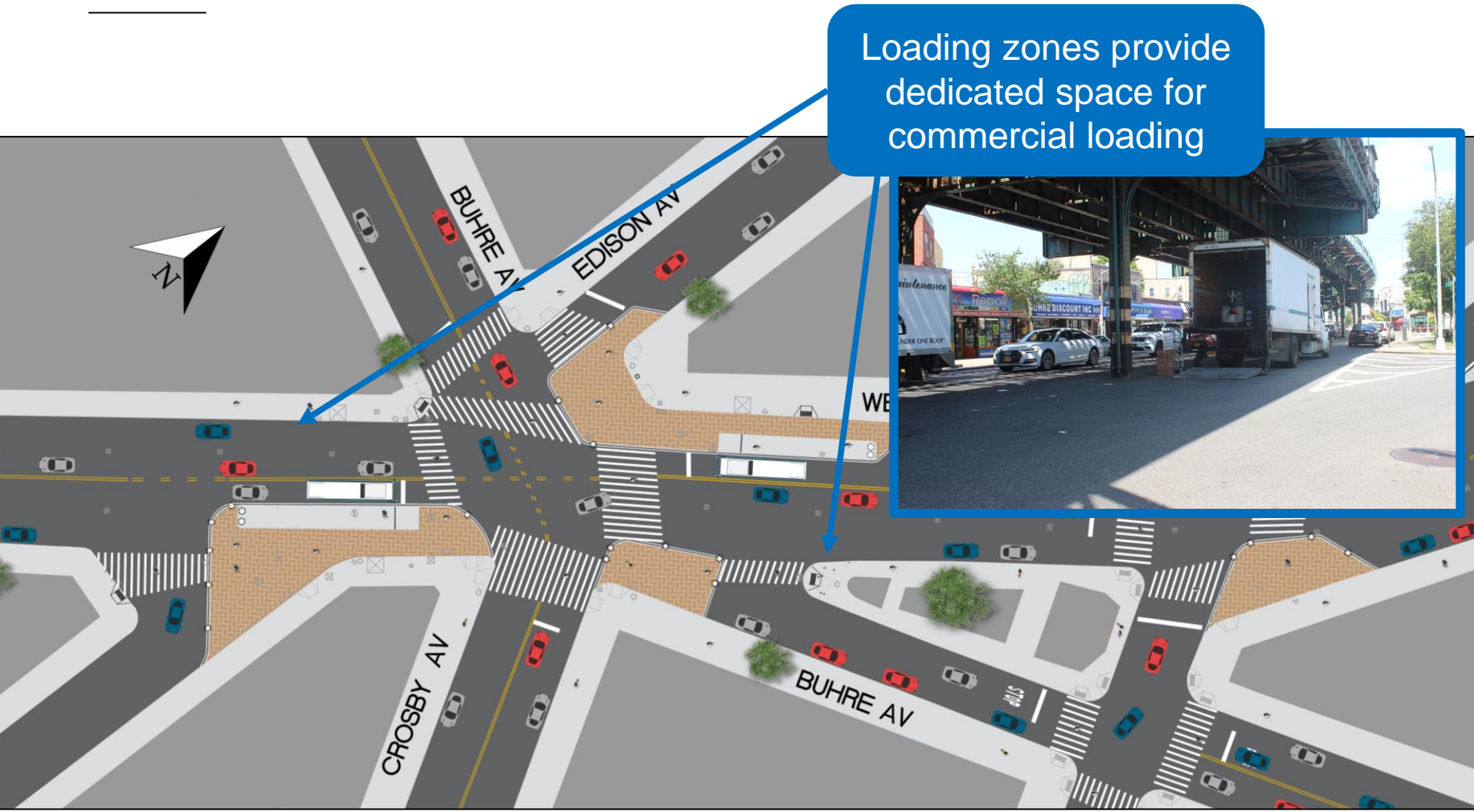


Proposed Safety Improvements (Cont.)

New curb extension at Hobart Ave calms turns and shortens crossing distance for pedestrians



Proposed Safety Improvements (Cont.)



Proposed Safety Improvements

Turn Restrictions

- Restricting low volume turns will reduce turning conflicts, simplify intersection movements, and allow for new crosswalks
 - SB Edison left turn to EB Westchester
 - SB Edison left turn to EB Buhre
 - NB Westchester left turn to WB Buhre



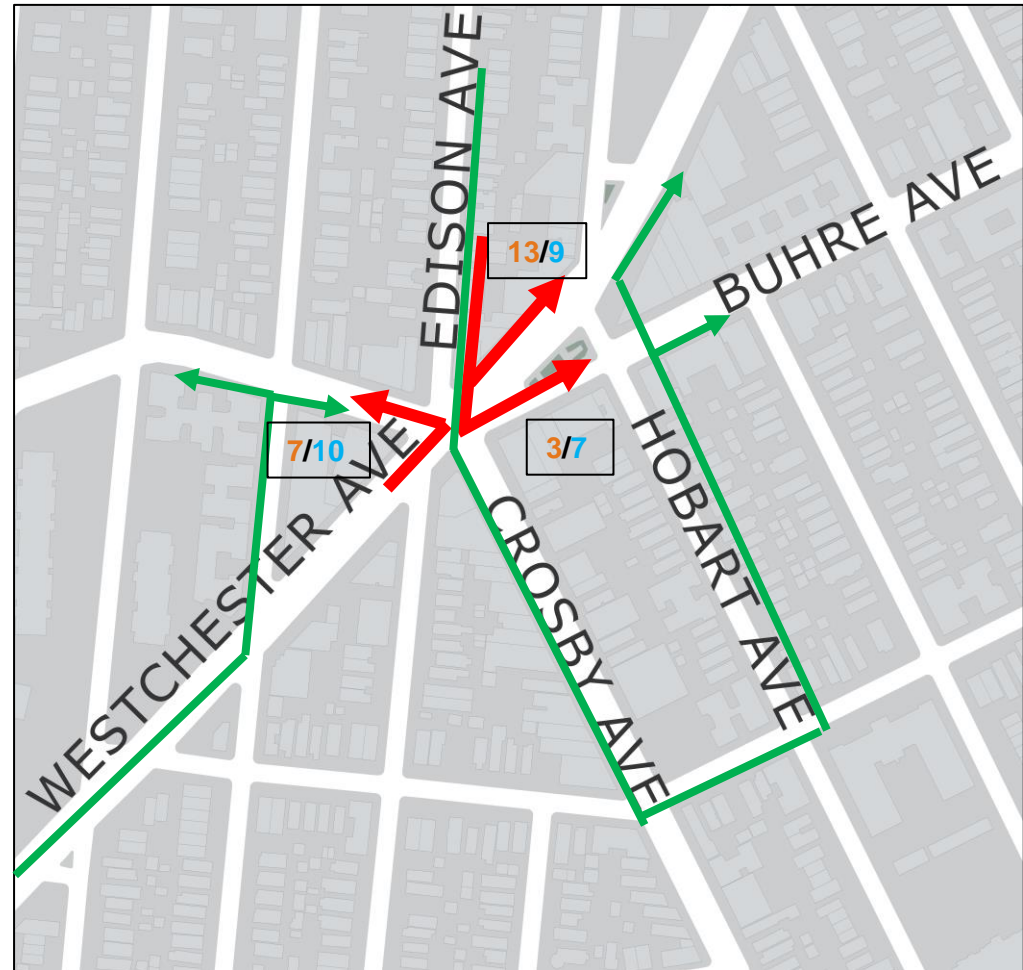
= Restricted Turns



= Alternate Routes



= AM/PM turn volumes per hour



Project Benefits

- Bus boarding islands on Westchester Ave create a safe space for bus riders to wait, especially for those with physical disabilities
- Improves bus operations
- Better organizes traffic and creates more predictability for vehicles, pedestrians, and transit riders
- Shorter, safer crossings for pedestrians
- Slower, safer turns off of Westchester Ave



Thank You!



NYCDOT



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