



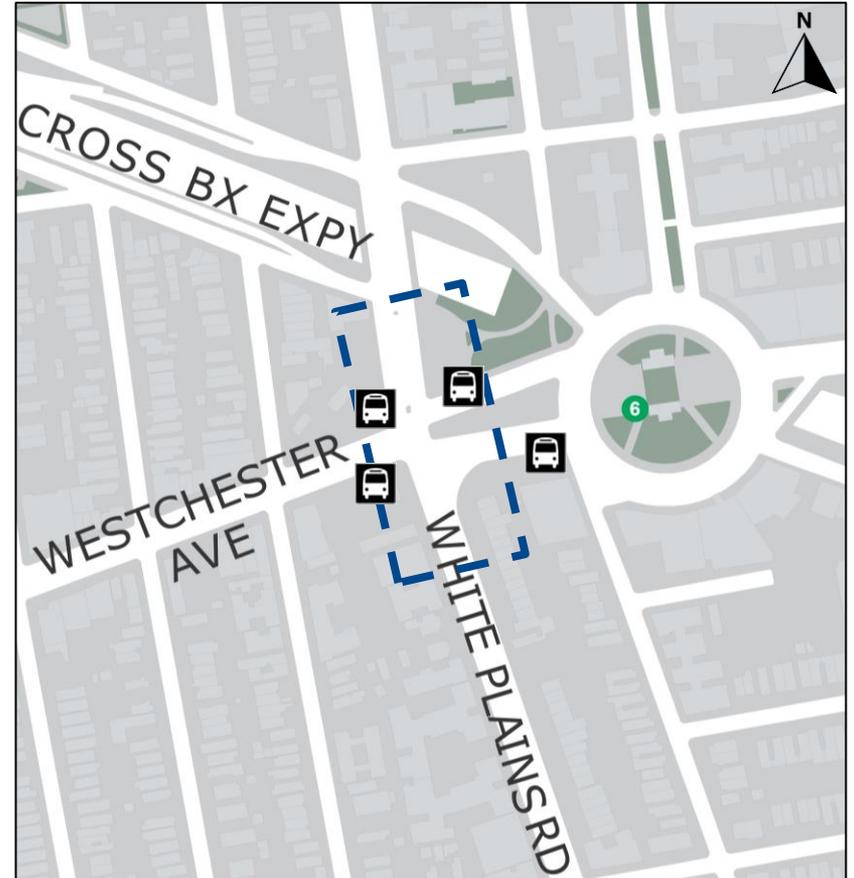
White Plains Rd & Westchester Ave

Safety Improvements

Bronx Community Board 9

Project Location

- Both Vision Zero Priority Corridors
- Busy commercial area just south of Cross Bronx Expressway
- Near Parkchester 6 train stop
- Bx36 and Bx39 buses run N/S on White Plains Rd
- Bx4 and Bx4A buses run E/W on Westchester Ave
- Local truck routes along both streets
- Priority Youth Injury Area
- Tier 1 Priority Investment Area



 = project limits

Safety Data

Injury Summary, 2020-2024 (5 Years)

Mode	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	11	2	0	2
Bicyclist	2	1	0	1
Motor Vehicle Occupant	40	2	0	2
Other Motorized	6	0	0	0
Total	59	5	0	5

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

- 5 KSI, 2 pedestrian KSI, 0 fatalities
- More than 40% of Vehicle–Pedestrian collisions occurred in an uncontrolled intersection (slip lane)
- One third of Motor Vehicle collisions were due to left turn crashes



Bus Stops Under the El

- Federally-funded program to improve safety at bus stops located under elevated subway lines
- 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
- Improves bus operations and better organizes traffic and creates more predictability for vehicles, pedestrians, and transit riders



Above: Bus riders wait in the street at White Plains Rd and E 215 St in the Bronx
Below: Bus riders safely board at a newly constructed concrete island at White Plains Rd and E 215 St in the Bronx

Bus Stops Under the EI Issues

Accessibility issues for bus riders



Bus stops located in roadway



Poor visibility of bus riders



Vehicle and bus rider conflicts



Existing Conditions



Existing Conditions: Westchester Ave EB

Busy intersection with heavy pedestrian and vehicle traffic, unpredictable vehicle movements



Existing Conditions: slip lane onto EB Westchester Ave



 = White Plains Rd NB right turning movement

 = Pedestrian movement crossing outside of existing crosswalk



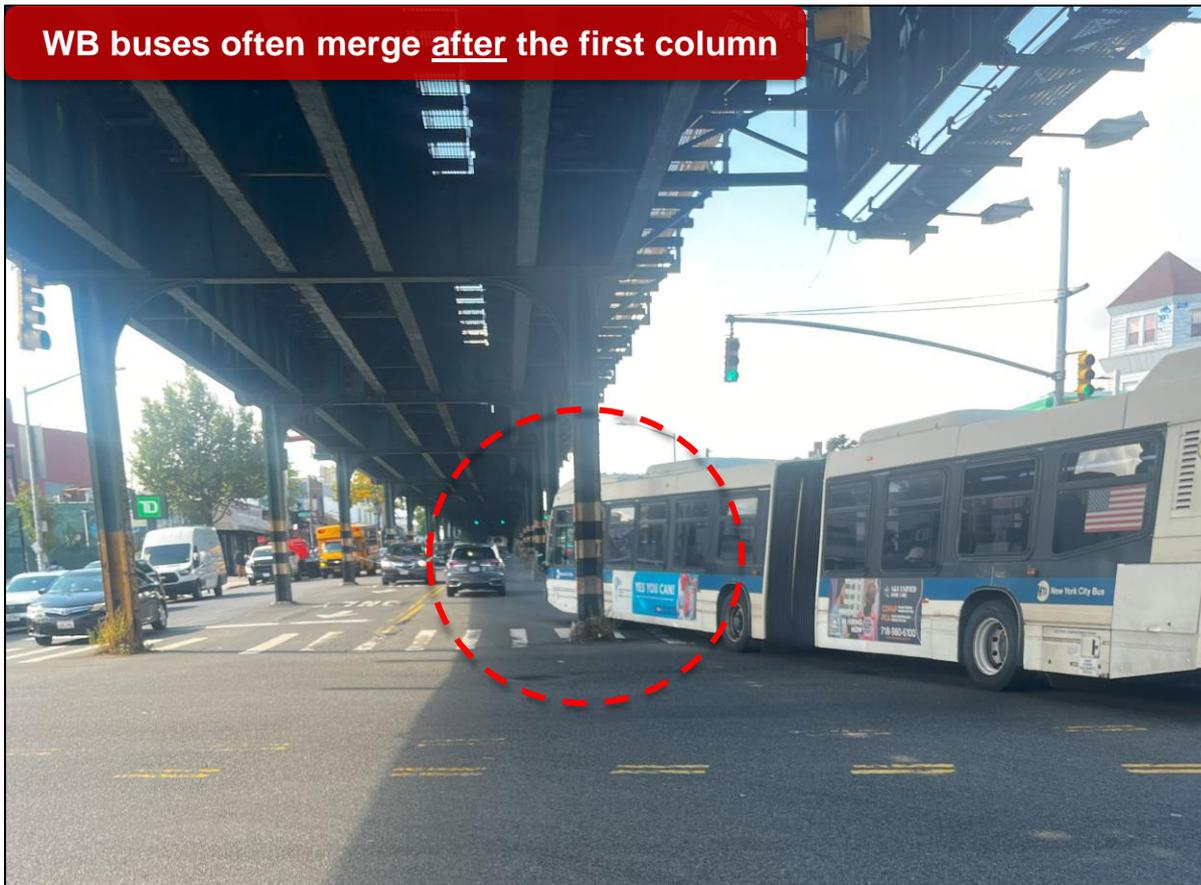
Counts of pedestrians making this movement during peak hours:

- AM: 282
- PM: 316

Existing Conditions: Westchester Ave median

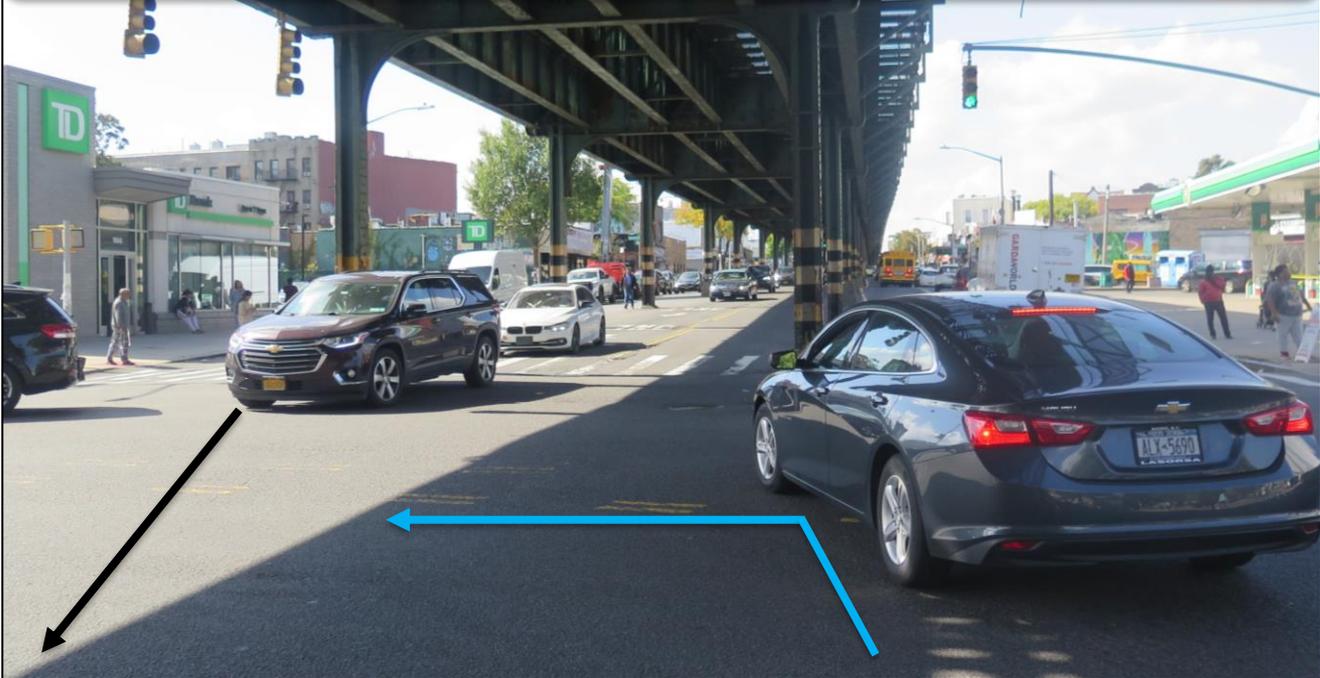


Existing Conditions: Westbound bus movements outside the columns



Existing Conditions: Westchester Ave

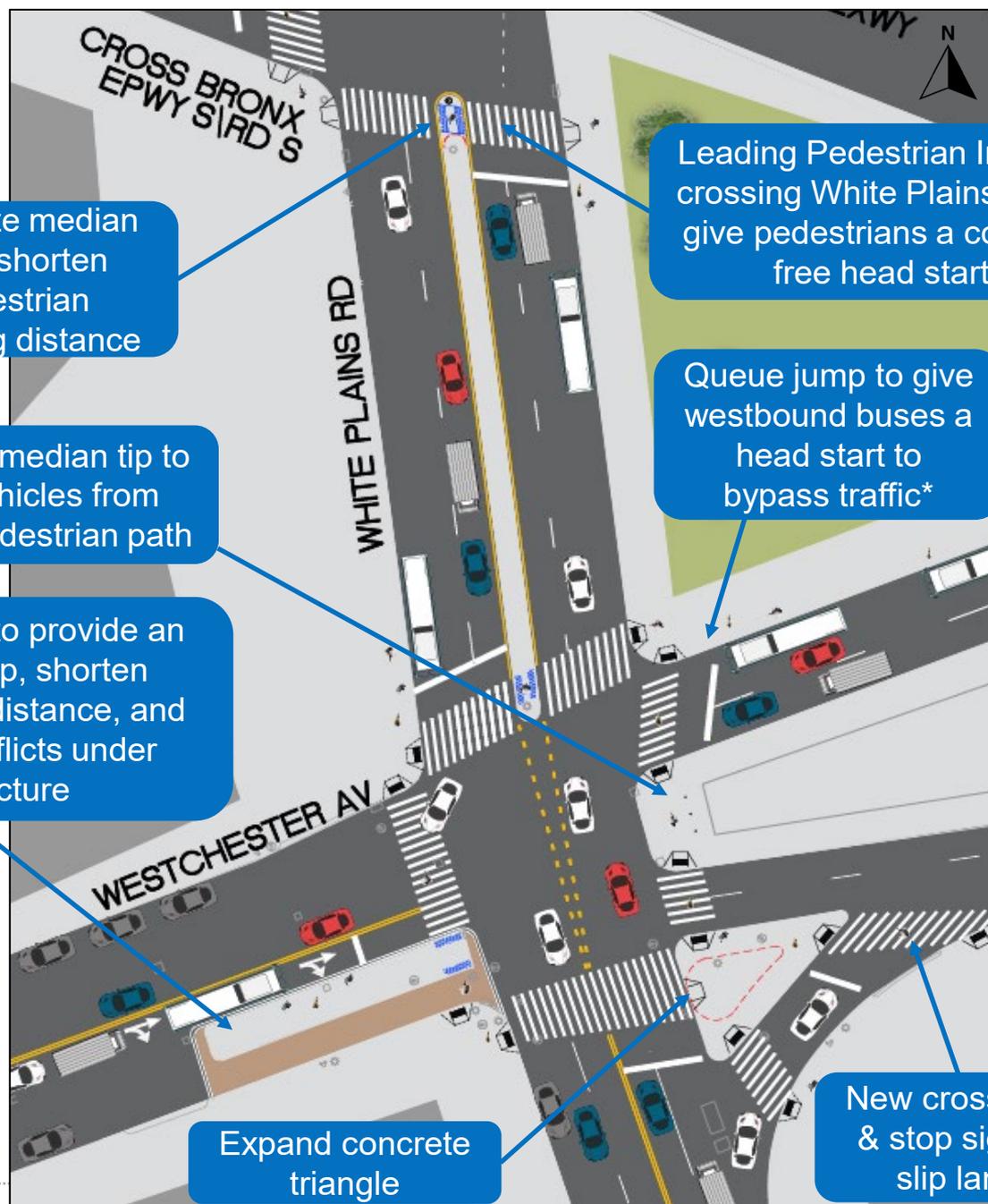
Turning movement conflicts: low visibility for vehicles making **WB** left to see **EB** vehicles, especially for those outside the columns



Existing Conditions: White Plains Rd & Cross Bx Expy Service Rd S



Proposed Safety Improvements



Concrete median tip to shorten pedestrian crossing distance

Reconstruct median tip to prevent vehicles from parking in pedestrian path

Bus boarding island to provide an accessible bus stop, shorten pedestrian crossing distance, and reduce vehicle conflicts under elevated structure

Leading Pedestrian Interval crossing White Plains Rd to give pedestrians a conflict-free head start

Queue jump to give westbound buses a head start to bypass traffic*

Expand concrete triangle

New crosswalk & stop sign in slip lane

- *Paired with Leading Pedestrian Intervals to improve pedestrian safety

Example of Proposed Conditions



Project Benefits

- Bus boarding island improves:
 - ADA accessibility and safety for riders
 - Predictability and organization for motor vehicle users, pedestrians, and transit riders
 - Bus operations
- Shorter, safer pedestrian crossings and improved pedestrian refuge space
- Slower, safer vehicle turns and improve yielding to pedestrians



Thank you!

VISION ZERO 
Building a Safer City



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