



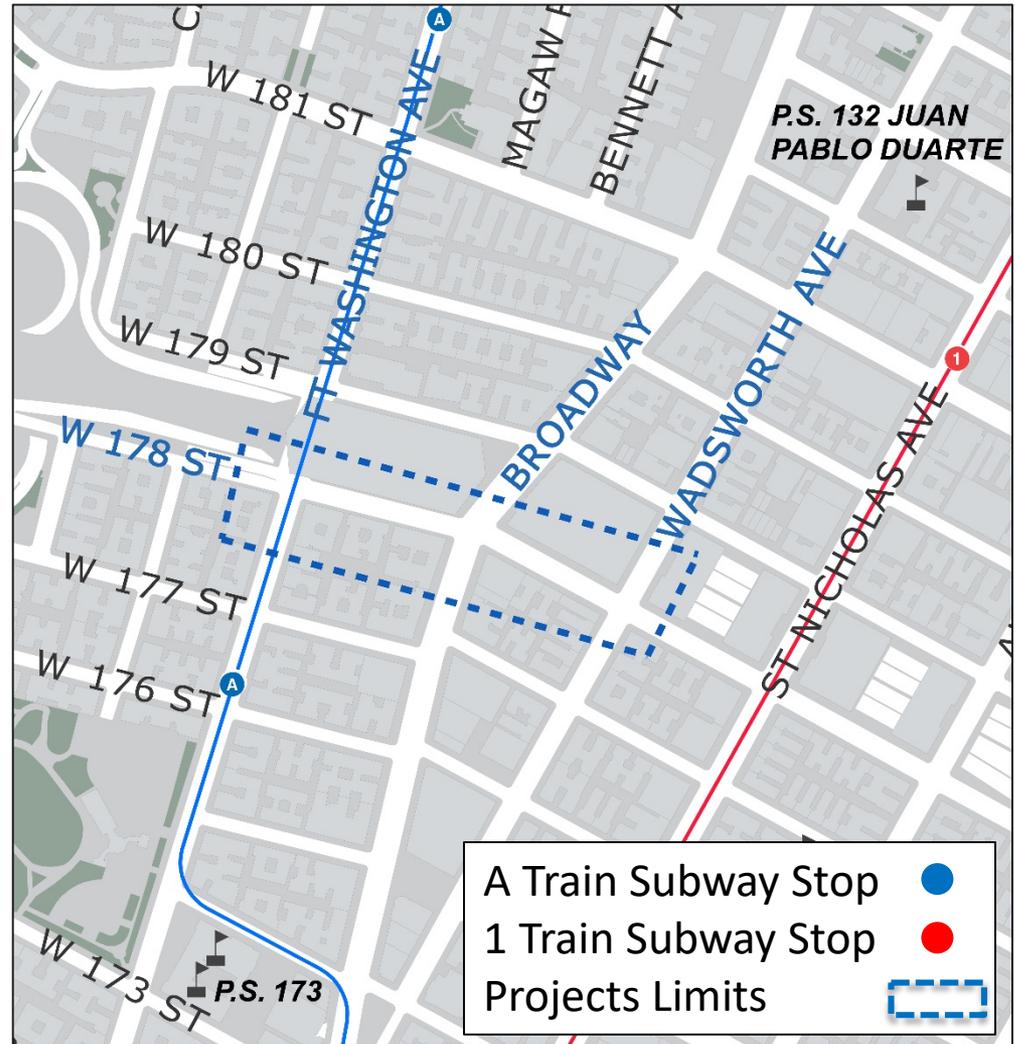
W 178 St (Ft Washington Ave to Wadsworth Ave)

CB 12 Transportation Committee Presentation

March 2020

Project Location

- Project limits: W 178th St, from Ft Washington Ave to Wadsworth Ave; 0.2 miles
- Commercial and residential land use
- Within Washington Heights Senior Area
- A train at W 177th St and Ft Washington Ave, and 1 train at W 181st St and St Nicholas Ave; Bx3, Bx7, Bx11, Bx13, Bx36, M5, M98, and M100 bus routes
- George Washington Bridge Bus Terminal located between W 178th St and W 179th St
- Local truck route along Broadway, W 178th St, and W 179th St



Safety Data (2013-2017)

- W 178th St and Broadway is a Vision Zero Priority Intersection
- Project area has 59 total injuries, including 7 severe injuries
- 72% of pedestrian injuries occur while pedestrian is crossing with the signal
 - 83% are left turning vehicles
- 1 motorcyclist fatality at W 178th St and Ft Washington Ave in 2018



W 178 St - Ft Washington Ave to Wadsworth Ave, MN
Injury Summary, 2013-2017 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	15	4	0	4
Bicyclist	3	1	0	1
Motor Vehicle Occupant	41	2	0	2
Total	59	7	0	7

Fatalities, 01/01/2013-10/28/2019: **1**

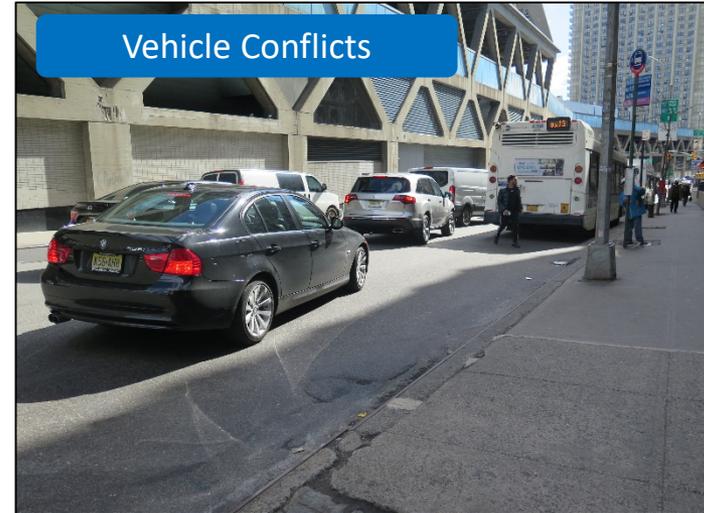
Source: Fatalities: NYCDOT
Injuries: NYSDOT
KSI: Persons Killed or Severely Injured

*Map does not include total or severe injuries that occurred at midblock locations
Data is based off of NYSDOT/NYS DMV crash and injury data available as of 1/2020



Existing Conditions

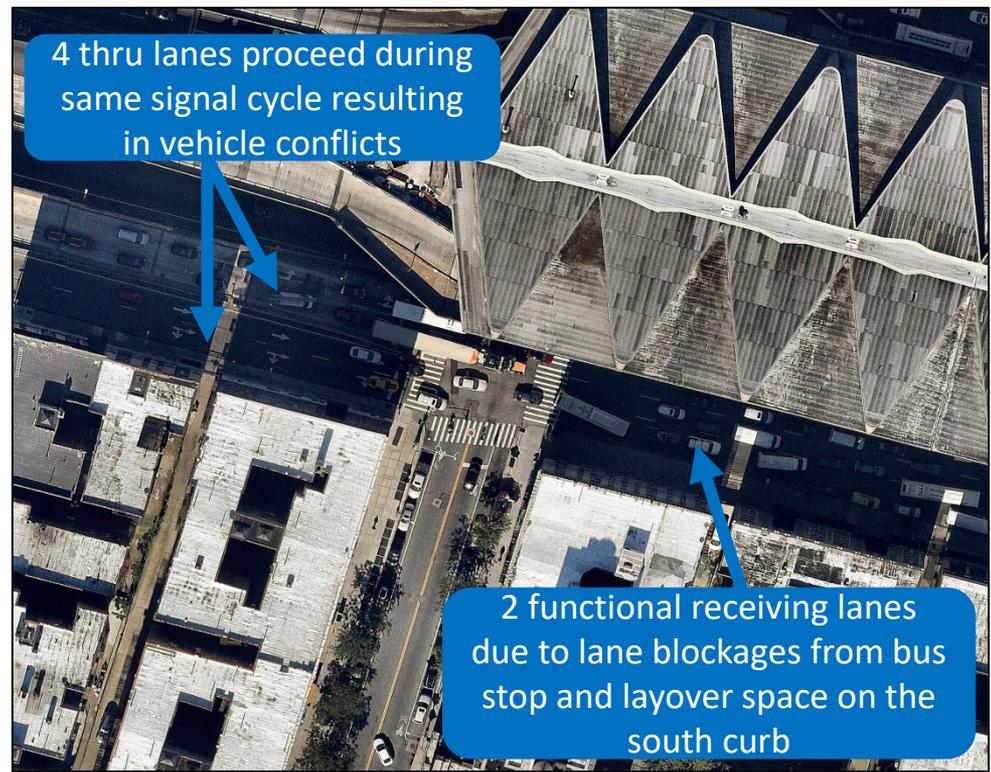
Corridor Issues



Existing Conditions

W 178th St and Ft Washington Ave

- George Washington Bridge upper level exit merges with W 178th St at Ft Washington Ave
 - EB traffic proceeds during same signal phase, resulting in vehicle conflicts
 - 4 thru travel lanes compete for 2 functional receiving lanes due to lane blockages from bus stop and layover space on the south curb



W 178 St and Ft Washington Ave, aerial



W 178 St and Ft Washington Ave, looking east

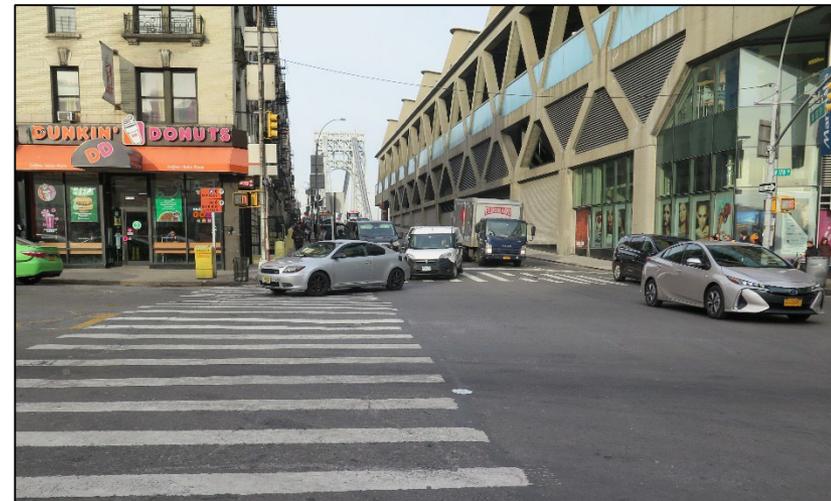
Existing Conditions

W 178th St and Broadway

- Lack of lane designations at west leg of intersection at W 178 St and Broadway is unorganized creating congestion and unpredictable turning movements
- George Washington Bridge Bus Terminal generates heavy pedestrian and bus activity along corridor
- Left Turning Traffic Calming on EB left on W 178th St and Broadway, 2017



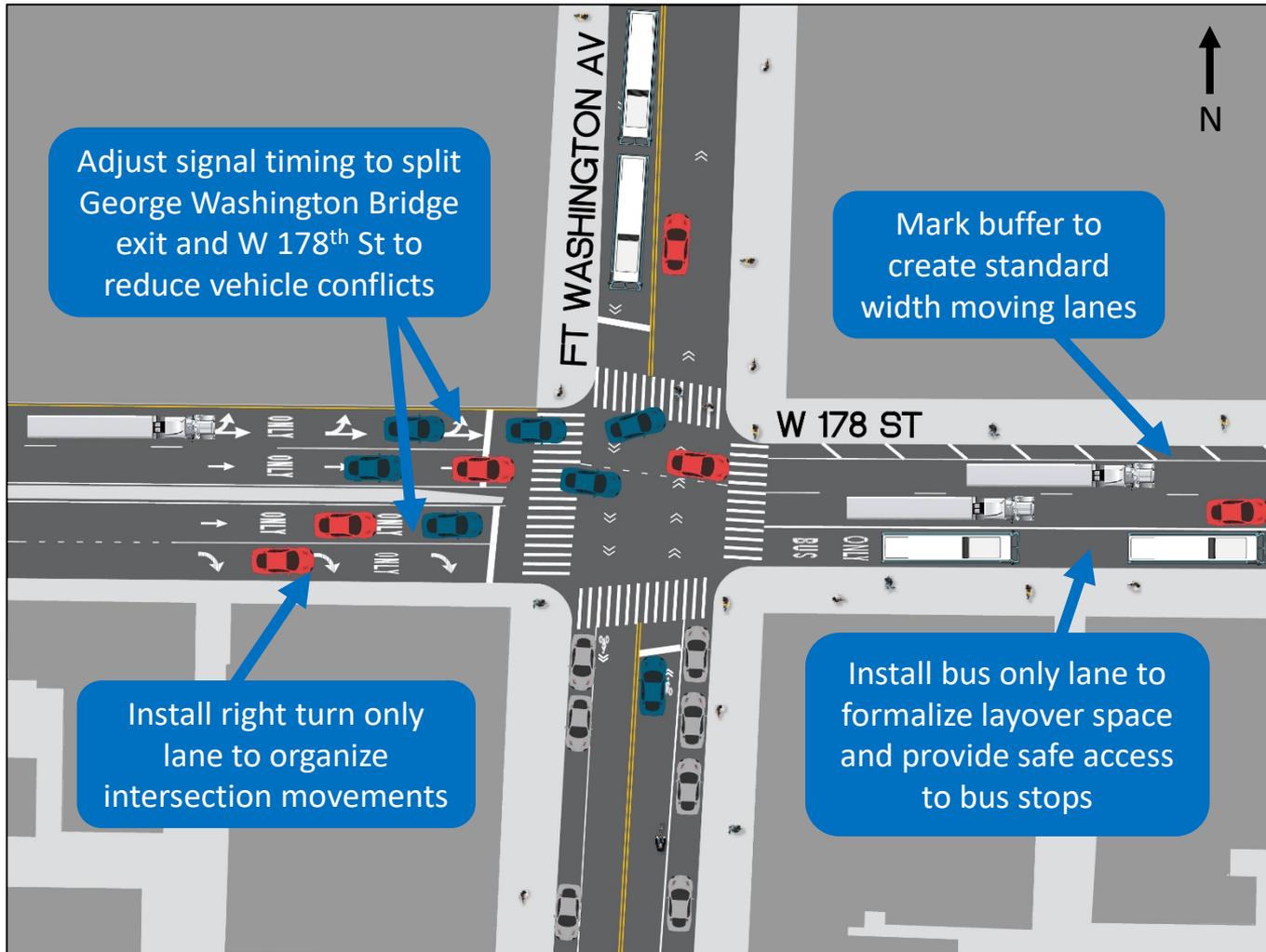
W 178 St and Broadway, aerial



W 178 St and Broadway, looking west

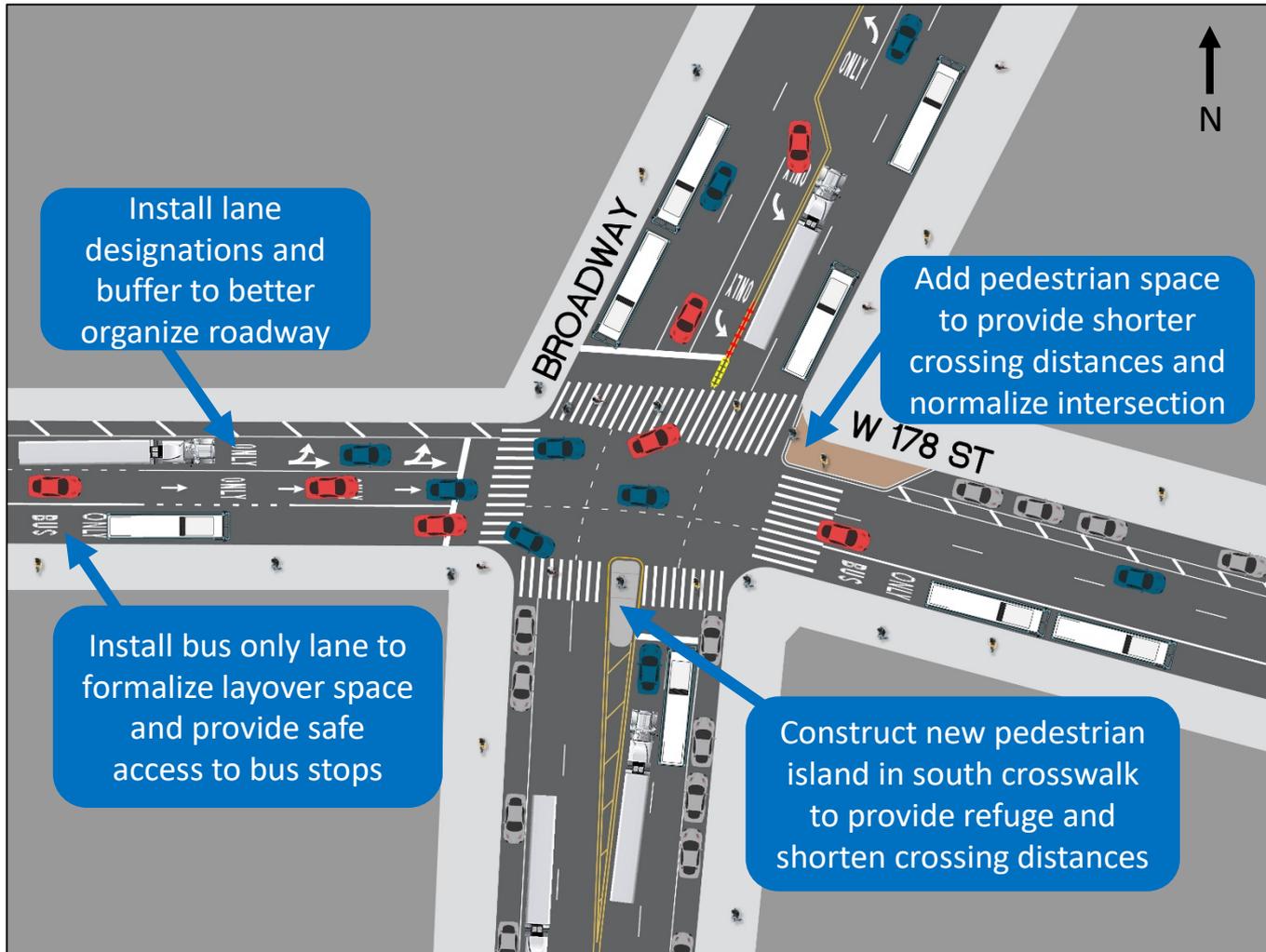
Proposed Intersection Improvements

W 178th St and Ft Washington Ave



Proposed Intersection Improvements

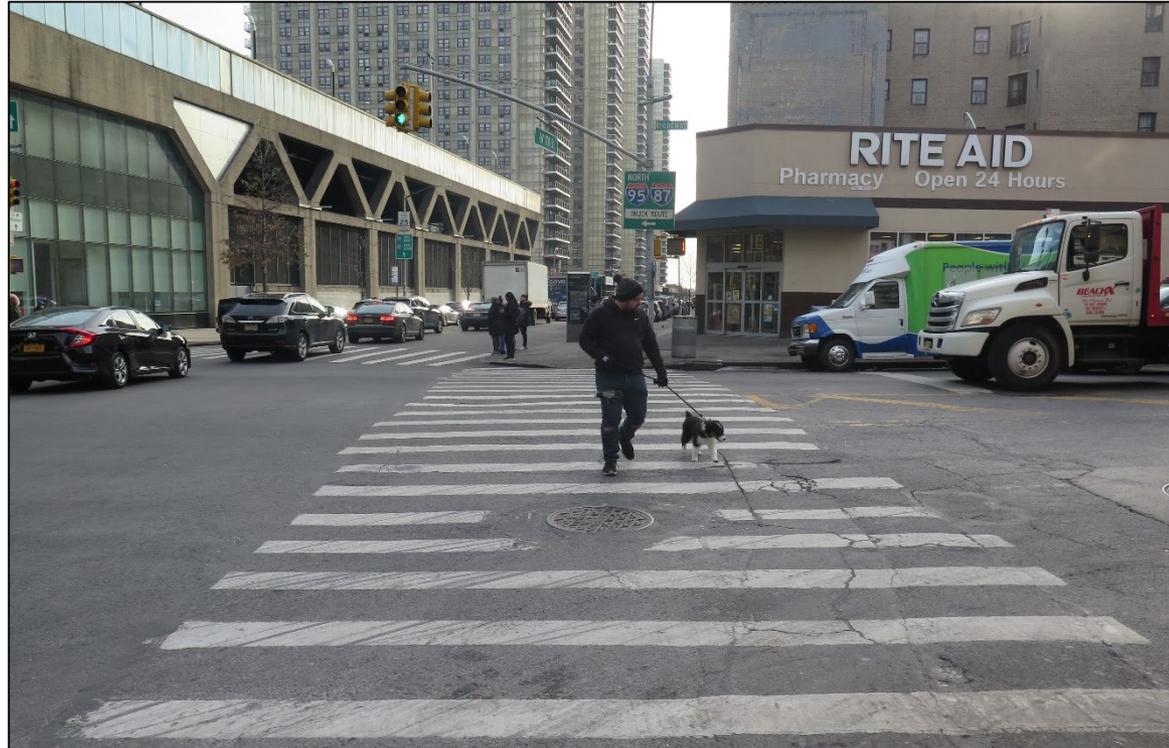
W 178th St and Broadway



Project Benefits

Corridor Improvements

- Split signal timing reduces vehicle conflicts at W 178th St and Ft Washington Ave
- Lane designations on W 178th St better organizes roadway and creates more predictable vehicular movements
- New concrete island in south crosswalk at W 178th St and Broadway provides pedestrian refuge and shortens crossing distances
- Bus Only Lane on W 178th St between Ft Washington Ave to Wadsworth Ave formalizes layover space and provides safe access to bus stops



W 178 St and Broadway, looking east

Thank You!



NYCDOT



nyc_dot

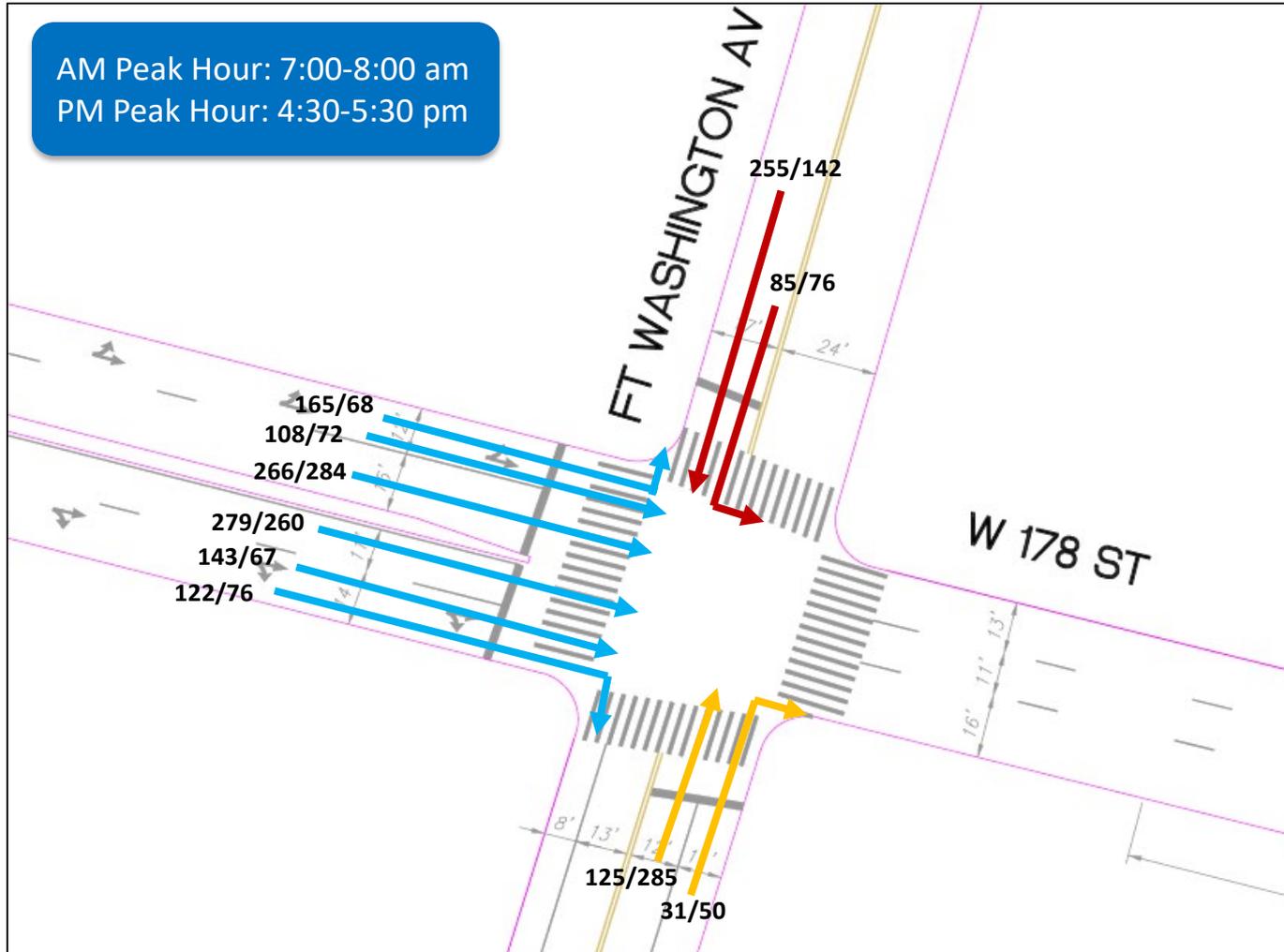


nyc_dot



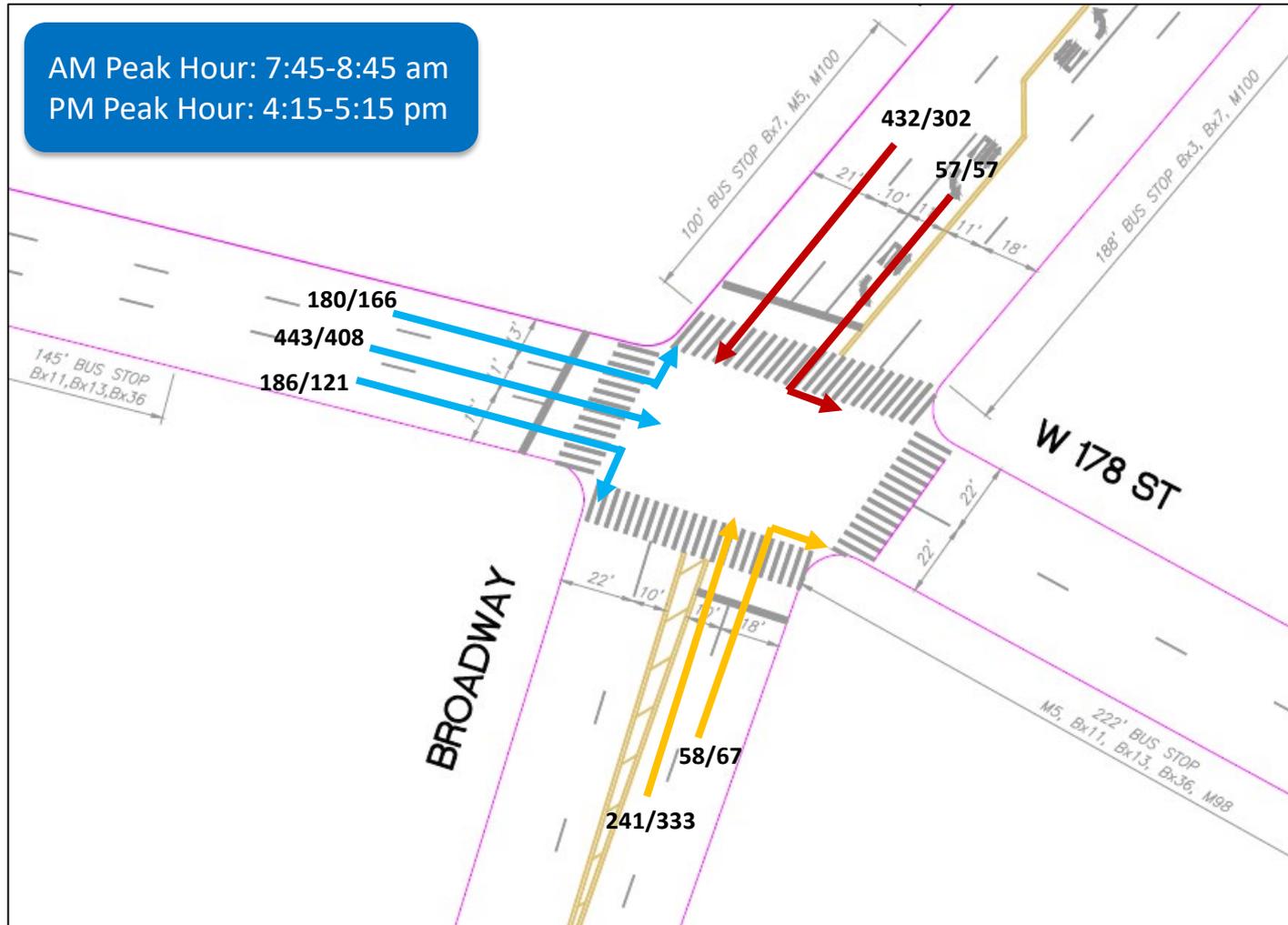
NYCDOT

Volumes



W 178 St and Ft Washington Ave, TMCs collected 10/02/19-10/09/19

Volumes



W 178 St and Broadway, TMCs collected 4/30/19-5/01/19