



WESTCHESTER AVE, FOX ST, E 165TH ST

Presentation to CB2
October 14th, 2020

BACKGROUND AND EXISTING CONDITIONS

1

BACKGROUND

- Multiple community requests for pedestrian improvements to channelized triangle at the intersection of Westchester Ave, Fox St, and E 165th St
- Walkthrough conducted with Council Member Salamanca on July 20, 2020 to discuss pedestrian safety in the area



PROJECT AREA AND SAFETY DATA

- High volume pedestrian location adjacent to Simpson Ave 2/5 train station, BX4 and BX4A bus lines, El Nuevo San Juan Medical Center, and many commercial retail establishments
- The intersection is in a Vision Zero Priority Area and Westchester Ave is a Vision Zero Priority Corridor



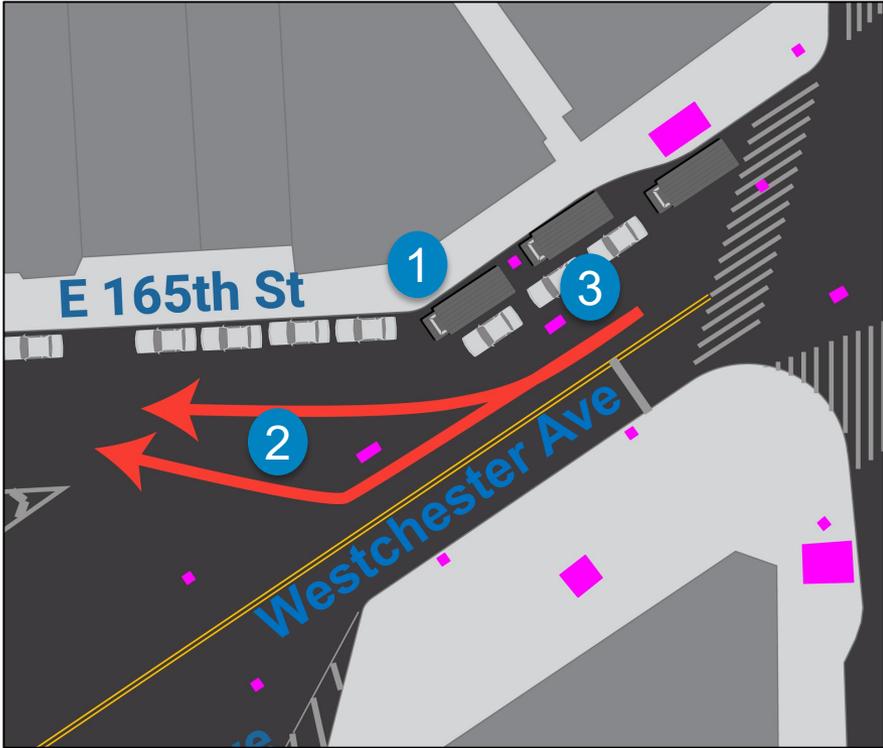
Westchester Ave, Fox St, E 165th St, BX
Injury Summary, 2014-2018 (5 years)

	Injuries
Pedestrian	10
Bicyclists	1
Motor Vehicle Occupant	24
Total	35



EXISTING CONDITIONS

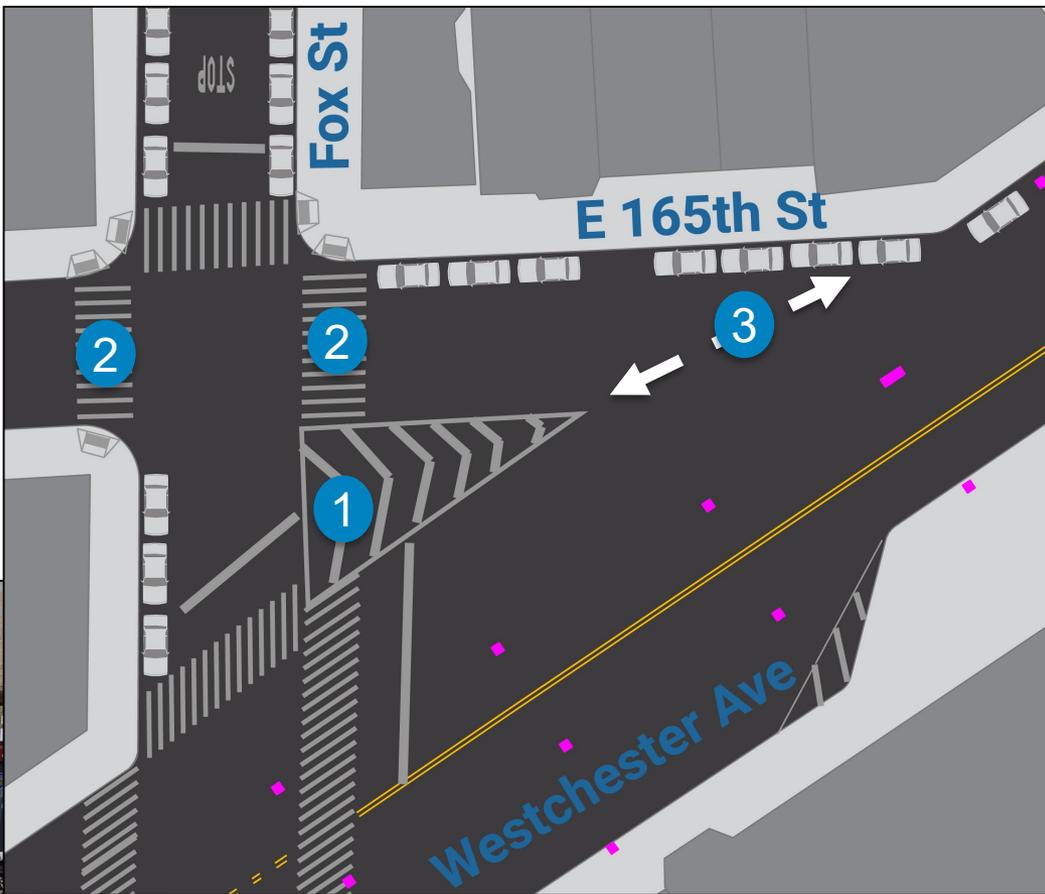
- 1 Narrow sidewalk frequently blocked by grocery store
- 2 Vehicles making right hand turn from southbound Westchester Ave to E 165th St can either turn inside or outside of subway column potentially creating conflicts
- 3 Double parking on Westchester Ave



Key
■ Subway Column

EXISTING CONDITIONS

- 1 Channelized triangle does not provide pedestrian refuge
- 2 Uncontrolled crosswalks on E 165th St at Fox
- 3 Missing crosswalk to north corner of E 165th St on Westchester Ave



Key
■ Subway Column

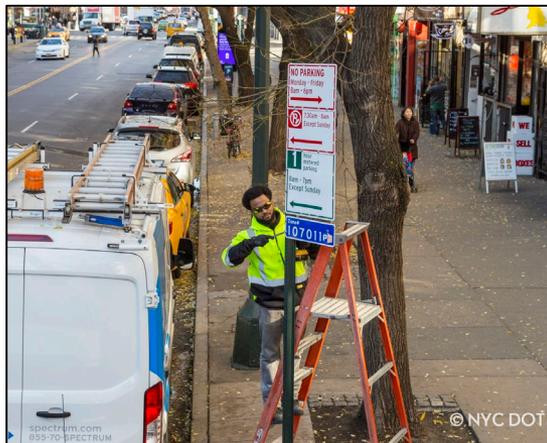
PROPOSAL

2

IN-HOUSE TOOLKIT



Traffic Signals



Parking Regulations



Thermoplastic Markings



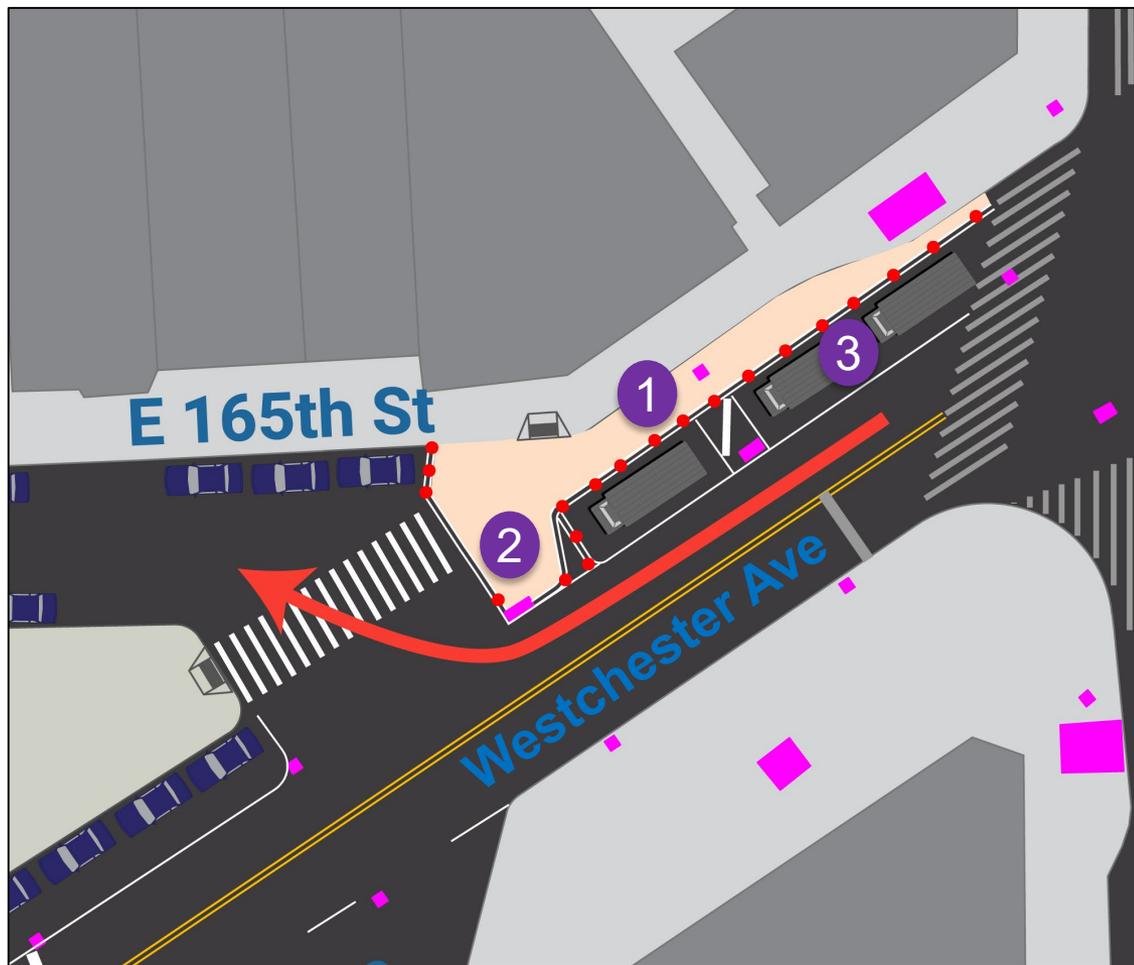
Concrete Triangles



Expanded sidewalks with paint with delineators

PROPOSAL

- 1 Widen sidewalk on Westchester Ave at E 165th St in paint
- 2 Paint and add flexible delineators between columns to move right hand turns outside of subway columns to remove turning conflict
- 3 Move parking out between columns and add commercial loading regulations on Westchester Ave

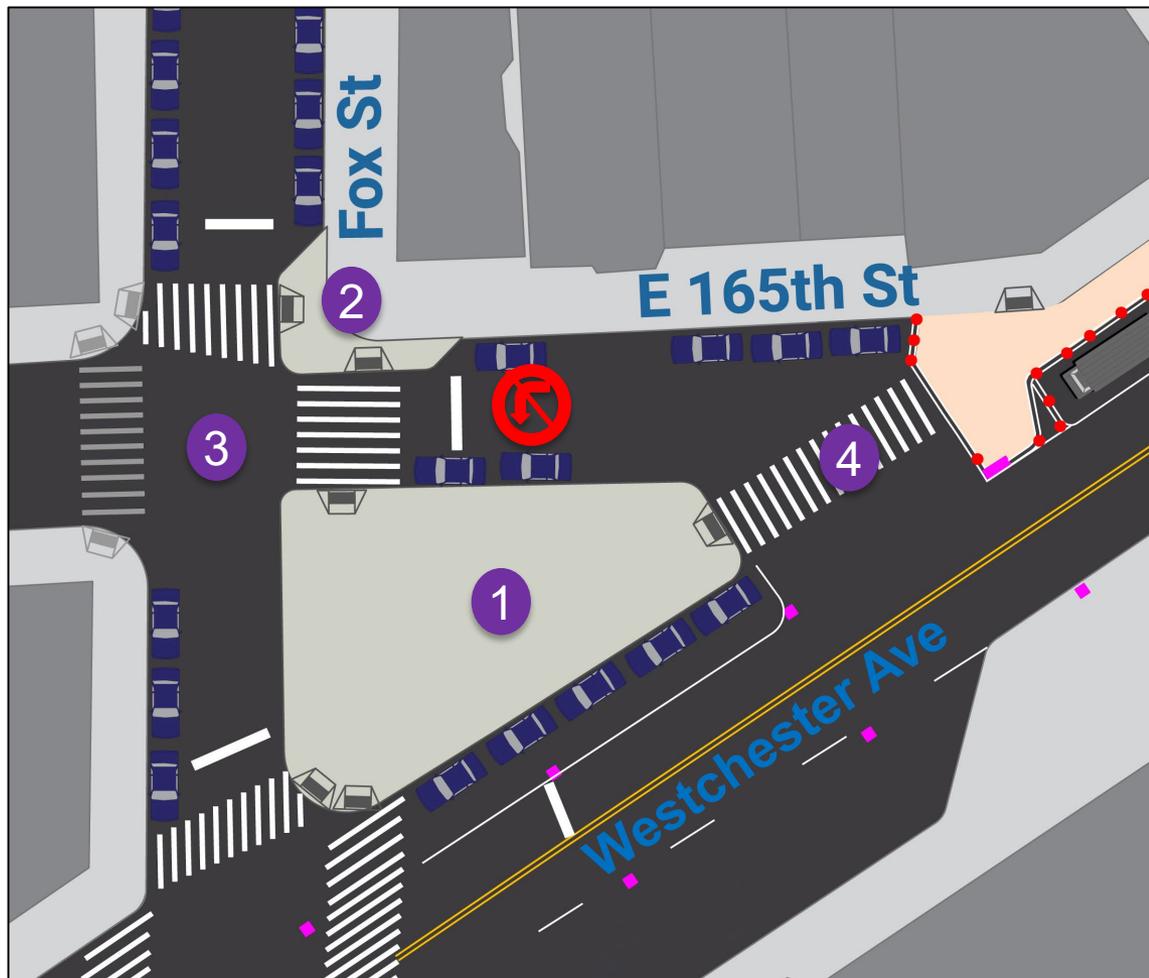


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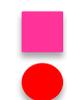
- Subway Column
- Flexible Delineator

PROPOSAL

- 1 Construct concrete triangle with parking and trees at Westchester Ave, E 165th St and Fox St
- 2 Construct concrete curb extension on the northeast corner of Fox and E 165th St
- 3 Signalize intersection of Fox and E 165th St and restrict low volume left hand turn from E 165th to southbound Fox St as it is necessary for signal installation
- 4 Install missing crosswalk on Westchester Ave at E 165th St



Key



Subway Column



Flexible Delineator

BENEFITS



- Expanded pedestrian space
- Signalized crossings
- Added parking spaces
- Safer, shorter pedestrian crossings
- Clarified traffic movements

SUMMARY

- Widen narrow sidewalk on Westchester Ave at E 165th St in paint
- Paint and add flexible delineators between columns to move right hand turns outside of subway columns and remove turning conflict
- Move parking out between columns and add commercial loading regulations on Westchester Ave
- Construct concrete triangle with parking and trees at Westchester Ave, E 165th St and Fox St
- Construct concrete curb extension on the northeast corner of Fox and E 165th St
- Signalize intersection of Fox and E 165th St and restrict low volume left turn from E 165th to southbound Fox St as it is necessary for signal installation
- Install missing crosswalk on Westchester Ave at E 165th St

THANK YOU!

Questions?



NYC DOT



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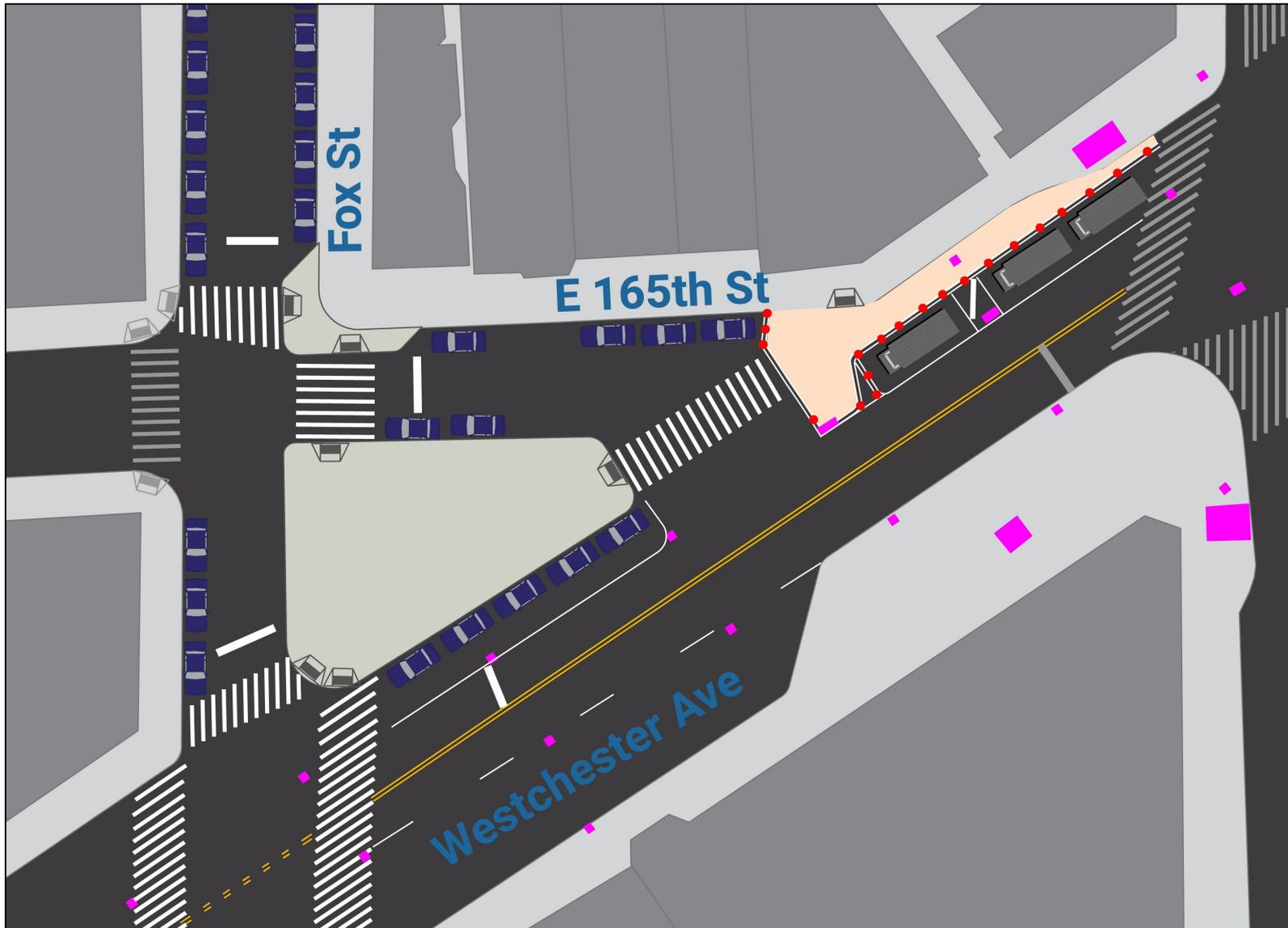


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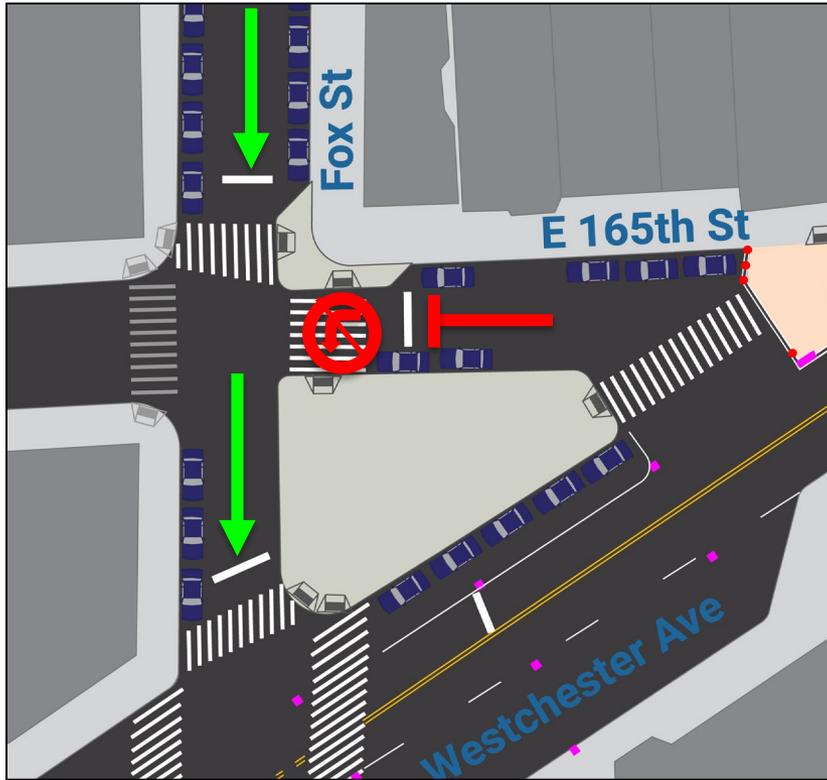
NYC DOT

FULL PLAN



SIGNAL TIMING

PHASE I



PHASE II

