79th Street Crosstown SBS, Capital Project

79th Street from Riverside Drive to FDR Drive









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Background





79th Street



- Major transit corridor, hosts M79-SBS:
 - 13,500 daily riders
 - High ridership by route mile vs. other routes
 - Connects to 4 subway lines
 - Connects to 16 bus routes, including M15-SBS

- Cultural destinations:
 - American Museum of Natural History
 - Metropolitan Museum of Art
 - Central Park
 - Riverside Park

- <u>26</u> people have been killed or severely injured along 79th Street SBS corridor in the past 5 years (2020 2024):
- Killed or Severely Injured (KSI) rate of 11.5 per mile (Top 33% in Manhattan)
- Fatal crash at 2nd Avenue /E 79th Street in 2024





2017 Street Improvement Project

- Launched the M79 Select Bus Service to replace the M79 Local and included:
 - 8 bus queue jump lanes
 - 1 full block bus lanes
 - Signal timing improvements
 - Off-board fare payment
 - Real-time passenger information
 - Bus stop amenities & street furniture











Performance





79th Street SBS – Transit & Traffic Improvements

- Instances of bus bunching decreased by 6%.
- Bus dwell times at bus stops decreased by 21%.
- Bus ridership on the M79-SBS increased by 9% in the first year after the launch.
- Car travel times decreased by 4% to 8% along the corridor.
- Bus speeds improved by an average of 8%.
- Number of late buses decreased by up to 45%.
- Bus Speeds (2024):
 - 6.9 MPH (M79-SBS) vs.
 6.0 MPH (Manhattan)
- On-time performance (2024):
 - **81.4%** (M79-SBS) vs. 69.5% (NYC)







79th Street SBS – Safety Improvements

Since implementation, all categories of crashes and injuries are down along the corridor.

2012-2016 Avg vs. 2017-2024 Avg:

- Pedestrian injuries are down 63%.
- Cyclist injuries are down 17%.
- Motor Vehicle crashes are down 62%.
- Total Incidents are down 57%.

Injuries by Year

Year	Peds	Cyclists	Motor Vehicles	Total
2012-2016 Avg.	30	9	54	94
2017	14	7	34	55
2018	18	3	25	46
2019	21	13	15	49
2020	9	6	12	27
2021	7	9	21	37
2022	9	13	23	45
2023	8	10	21	39
2024	10	6	19	35







^{*}NYPD and NYS data.

79th Street SBS – Challenges Remain

- Certain improvements could not be completed with in-house materials.
- Pedestrian safety measures don't have full impact until solidified with permanent materials.
- Crowding at certain bus stops and lack of circulation space.
- Some bus operations issues remain.
- Sections of the roadway and sidewalk in need of capital improvements and repair.











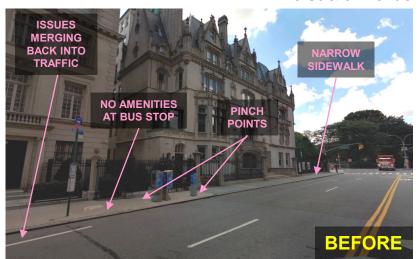
79th Street SBS Capital Project

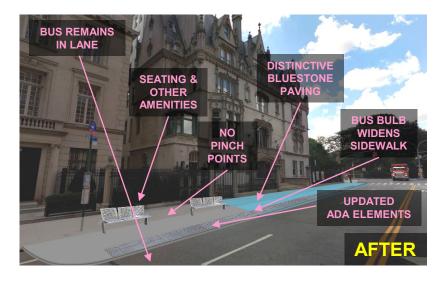


79th Street Crosstown SBS, Capital Project

E 79 St & 5 Avenue

- Maintain:
 - Alignment of bus lanes
 - Operational hours of bus lanes
 - 2017 traffic signal changes
- Upgrade:
 - <u>15</u> Bus Stops
 - 14 Bus Pads
 - <u>9</u> Median Tips/Pedestrian Refuges
- Add:
 - 4 Bus Bulbs
 - 13 Sidewalk Extensions
 - <u>20+</u> Street Trees











79th Street Crosstown SBS, Capital Project

E 79 St & 5 Avenue

Total Estimated Cost: \$60 million*

DOT Scope: \$25 million

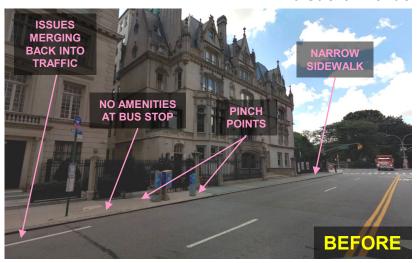
West Side: \$10 million

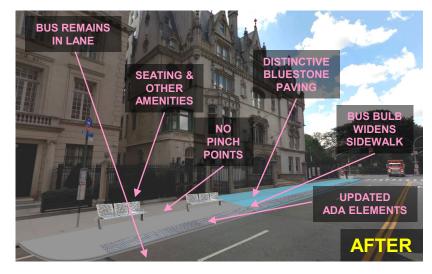
East Side: \$15 million

DEP Scope: \$35 million

West Side: \$19 million

East Side: \$16 million





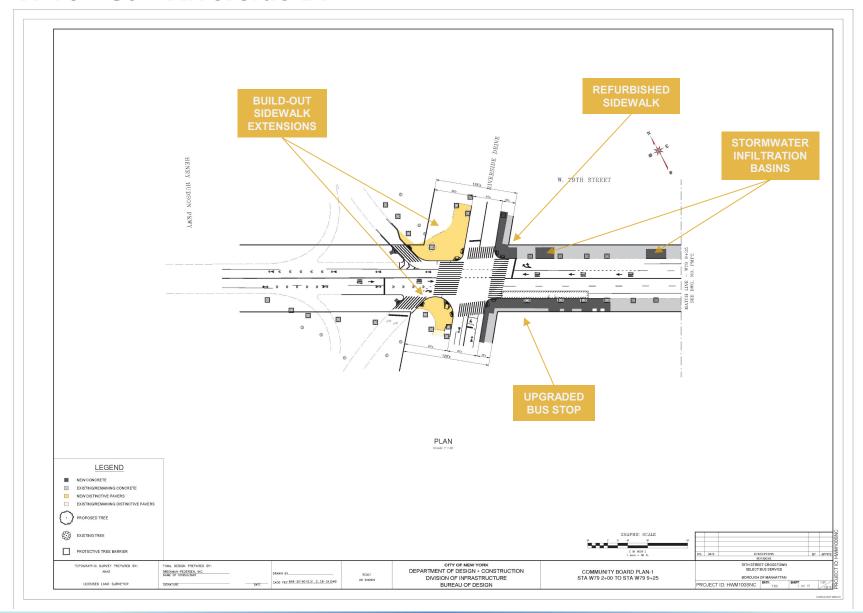






^{*}includes contingency

W 79th St – Riverside Dr

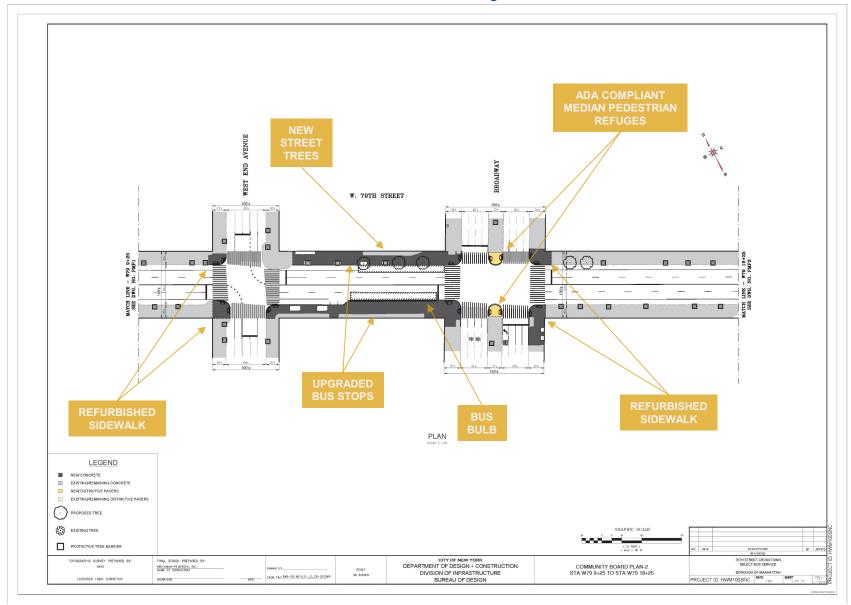








W 79th St – West End Av to Broadway

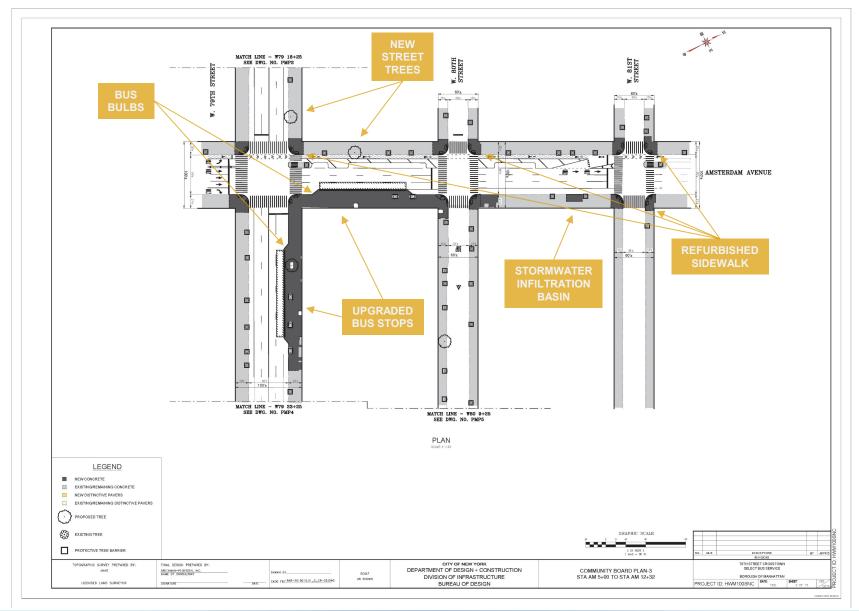








Amsterdam Av – W 79th St to W 81st St

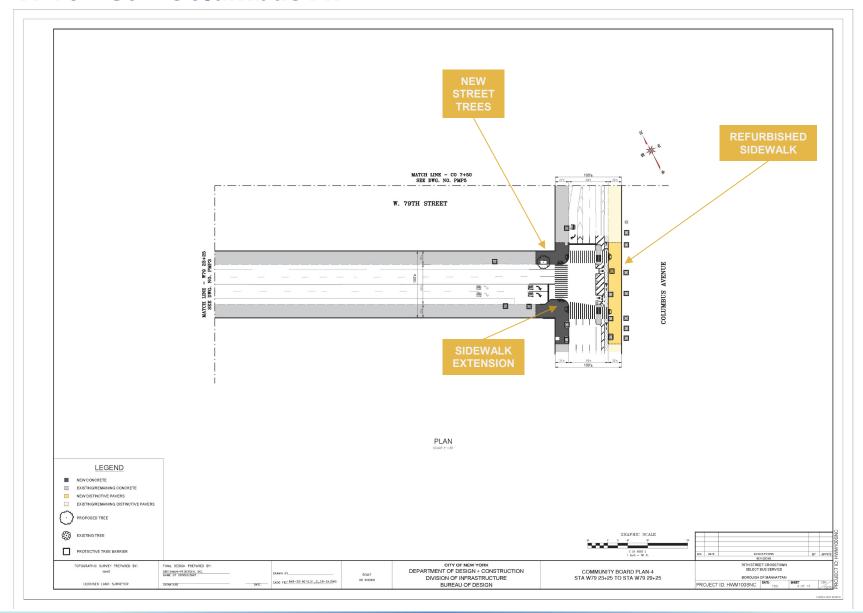








W 79th St – Columbus Av

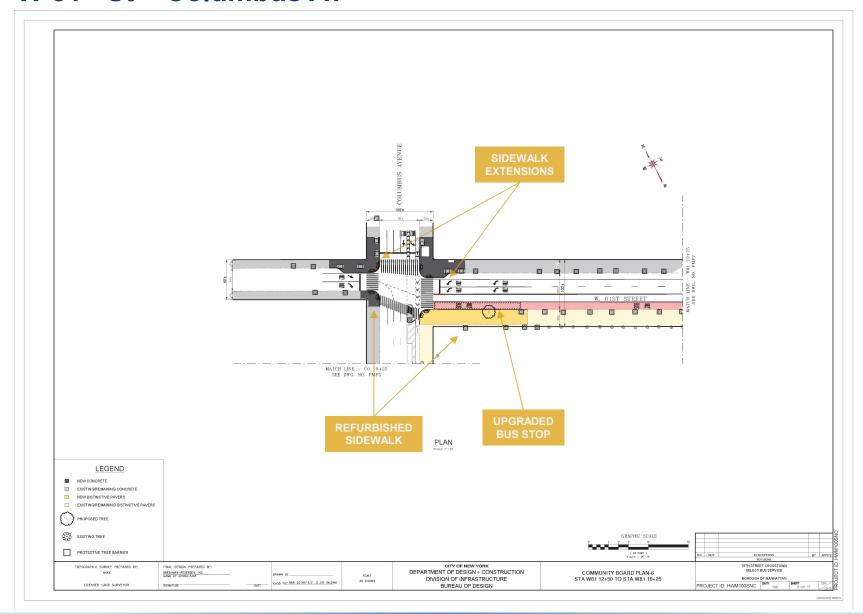








W 81st St – Columbus Av

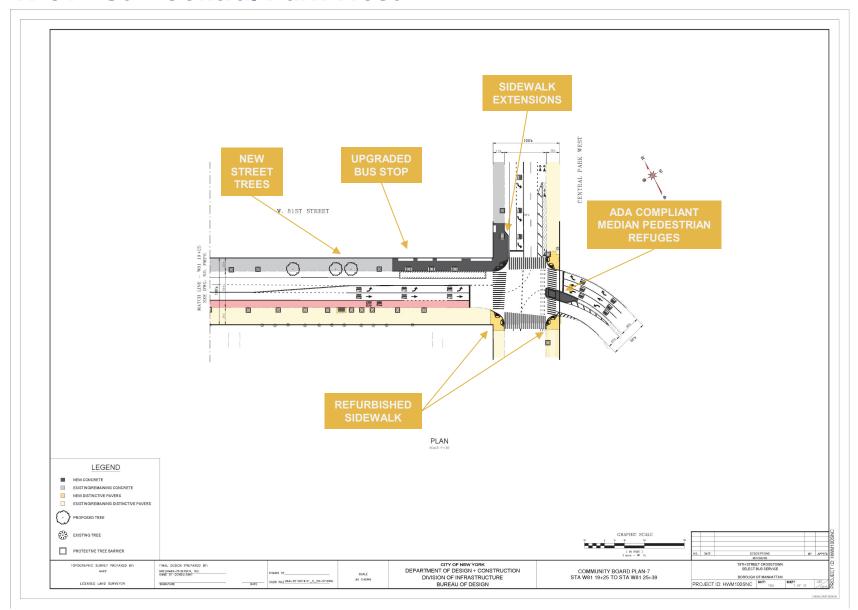








W 81st St – Central Park West









Next Steps & Discussion



Next Steps

- Design Completion:
 - Fall 2025
- Construction Start:
 - Summer 2026
- Construction Completion:
 - Winter 2030









Thank You!

Questions?













NYCDOT





