



Sutton Place, E 54 St **East River Greenway Connection**

Presented to Community Board 6 Transportation Committee

June 5, 2023



Overview

Background

- Project Area
- East Midtown Waterfront Greenway
- Goals
- Cycling in Numbers
- Safety Benefits of Protected Bike Lanes
- Pedestrian Safety and Older New Yorkers

Proposal

- Sutton Place – 54th St to 55th St
- 54th St – 1st Ave Sutton Place

Summary & Next Steps



Background



Project Area

Existing Bike Network:

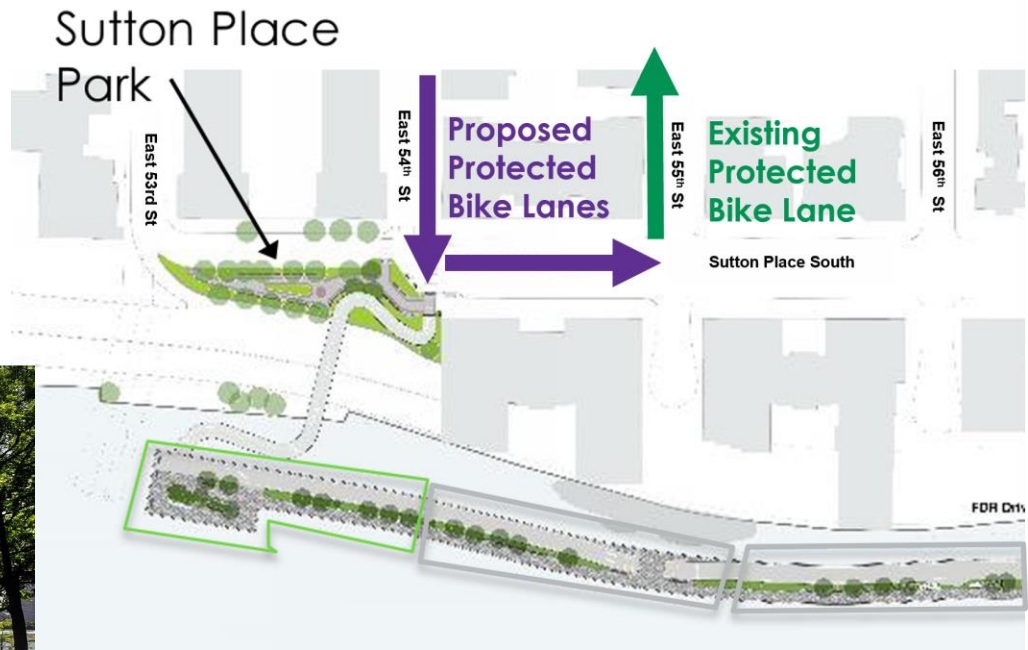
- Existing north and southbound protected bike lanes on 1st and 2nd Avenues; east and west protected bike lanes on 52nd and 55th Streets
- Conventional bike lane on E 54th St
- Signed route on Sutton Place from E 54th St to E 63rd St
- Clara Coffey Park re-opened in late 2021



East Midtown Waterfront Greenway

Filling the Gap

- Create a continuous Greenway around Manhattan; access to the waterfront
- Create new community amenity for pedestrians and



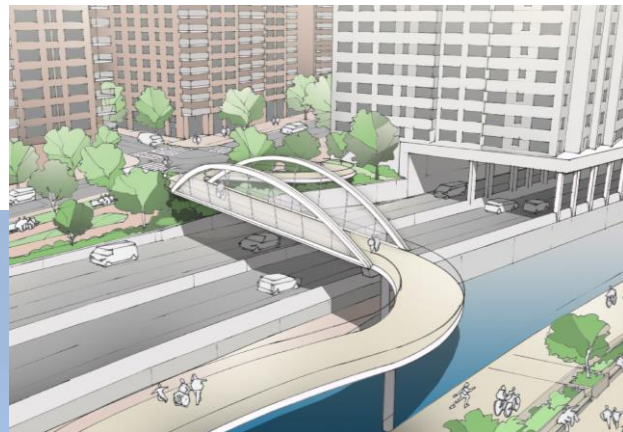
Goals

Project Motivation

- Community request for protected bicycle infrastructure and access to waterfront greenway & parks
- **Adds connections to:**
 - Existing lanes on 54th St and 55 St
 - The East River Greenway
 - Sutton Place Park
- **Upgrades:**
 - Existing lane on 54th St from 1st Ave to Sutton Place
 - Existing facility on Sutton Place from E 54th St to E 55th St

Goal

- Create cycling connection to the new Manhattan Waterfront Access at 54th St



Cycling in Numbers

NETWORK EXPANSION

1,500+ miles
of bicycle
facilities

546
of protected
bike lanes

26.8 miles of
protected bike lanes
installed in 2022

DAILY CYCLING

773,000
ride a bike
regularly

530,000
of daily
commuter trips

116%
increase in daily
cycling (2009-2019)

EAST RIVER BRIDGES

21,000+
cyclists cross
the ERB daily

15%
growth in
cycling on all
ERB (2019-2020)

35%
Increase on the
QBB Br (2015-2020)

BIKE SHARE

29.5 million
of Citi Bike
trips in 2022

1,939,401
trips in CB 6
(2022)

15%
of NYers use bike
share (2018)



Safer Streets for Cycling (2021)

Safety & Ridership

Overall:

- **32% reduction in crash risk where bike facilities have been installed**

Protected Bike Lanes

- **Risk reduction of 34% across all study projects**
- On the highest risk streets, cyclist risk is reduced by over 60%

Cycling Volumes:

- Installation of PBL and conventional bike lane increased bicycle volumes by 50%
- On the highest risk streets, bicycling volumes nearly doubled after a bike lane was installed

Source: Safety Stats (Data from 100+ bike lane projects including 35 Protected (31 mi), 50 Conventional (46 mi), and 16 Shared (18 mi) installed between 2009-2018). Risk is defined by injuries per mile per bicyclist volume



Safe Streets For Cycling

How Street Design Affects Bicycle Safety and Ridership

October 2021



Pedestrian Safety and Older NYers (2022)

Key Findings:

- Seniors make up less than 15% of New York City's population, but over 45% of pedestrian fatalities

Crash Analysis:

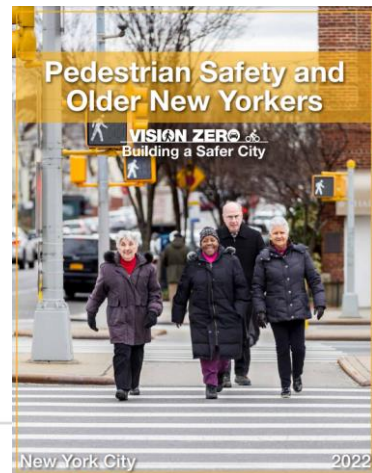
- About 90% of both senior and non-senior adult injuries occur at intersections; 72% of injury crashes occur at signalized intersections

Previous Work:


- Since 2010, the NYC DOT has completed over 900 street improvement projects
- 300 Street Improvement Projects in Senior Pedestrian Focus Areas since 2009

Protected Bike Lanes:

- On streets with protected bike lanes, seniors saw a **39% decrease in KSI** and a **22% drop in overall injuries**. Non-senior adults saw a **24% drop in KSI** and **9% drop in overall injuries**.
- Commonly-used road treatment benefits all adults, it especially improves conditions for seniors.**



Safety Treatment Effectiveness

Treatment Name & Safety Features	Senior Pedestrian Injuries	Senior Pedestrian KSI	Non-Senior Adult Pedestrian Injuries	Non-Senior Adult Pedestrian KSI
Protected Bike Lanes 	 22%	 39%	 9%	 24%

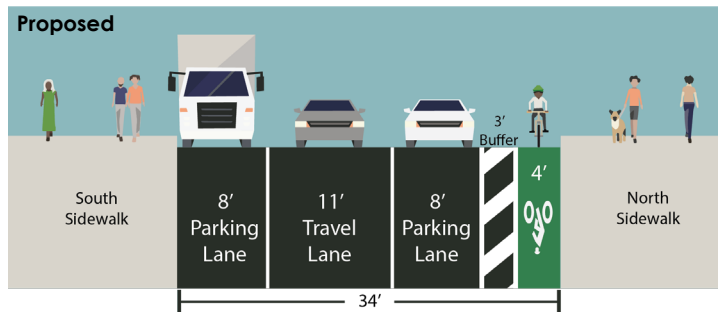
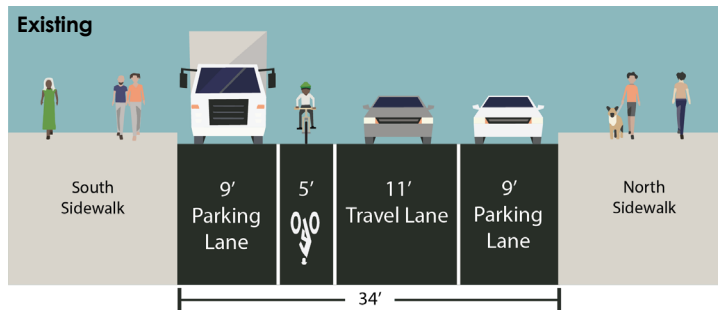
Proposal

2

E 54th St, 1st Ave to Sutton Place



- Add EB parking
- Add protected bike lane
- Add offset crossing at Sutton Place

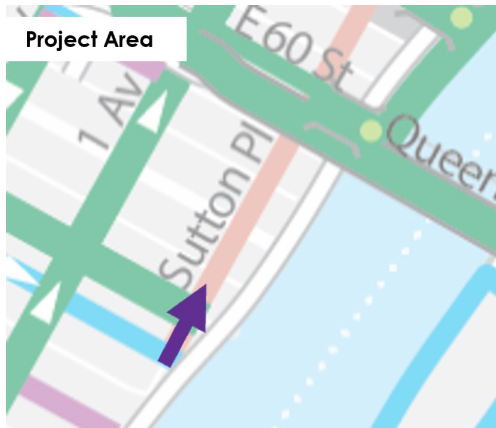


Existing – 54 St facing west between Sutton Place & 1 Ave

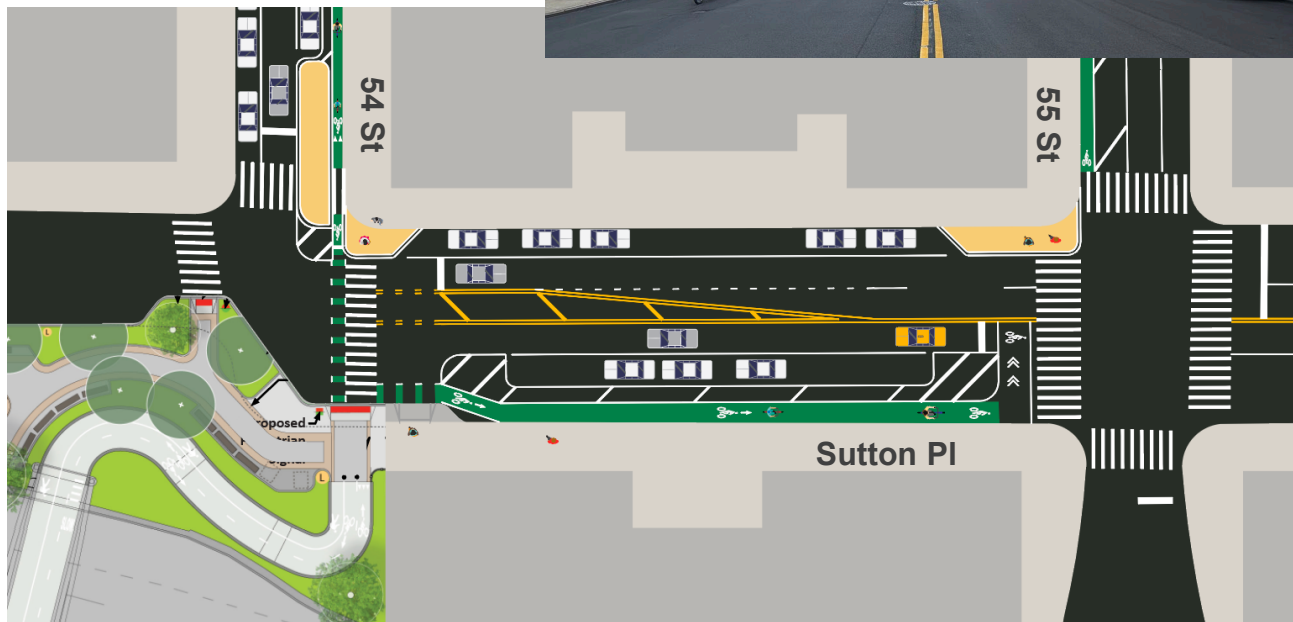


Proposed – 55 St facing west from 9 Ave to 10 Ave

Sutton Place, 54th St to 55th St



- Add northbound parking protected bicycle lane
- Add offset crossings at E 54 St and E 55 St



Summary & Next Steps

3

Summary & Next Steps

Summary:

- Improve 54th St from 1st Ave to Sutton Place
 - Shift bike lane to the north side and upgrade facility to be protected
- Re-design Sutton Place from E 54th St to E 55th St
 - Add NB parking protected bicycle lane and offset crossing
- Similar street improvement projects have resulted in improved safety for all road users

Next Steps:

- Continue to coordinate greenway construction with EDC and Parks
- Potential 2023 implementation



Thank You!

Questions?



NYCDOT



nyc_dot



nyc_dot



NYCDOT