



Prospect Park West (PPW) and 19th St Safety Enhancements

Presentation to MS 442 PTA

May 2, 2022

PPW and 19th St

Presentation Overview

- Background
- Existing Conditions
- Project Proposal
- Next Steps



Wayfinding signage at PPW and 19th St

Background

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Background

Planning Framework

- Freight Mobility Unit is committed to strategies outlined in it's strategic plan: *Delivering New York: A Smart Truck Management Plan for NYC*
 - **Safety**: improve the safety of truck travel at intersections and along corridors
 - **Sustainability**: foster the sustainable and environmentally responsible movement of goods
 - **Freight Efficiency**: Improve the efficiency of freight movement to, from, and within NYC
 - **Partnerships & Knowledge**: Grow public and private partnerships to increase knowledge about freight
- DOT is focusing on improving 1,000 intersections to improve safety for all road users
- DOT is committed to installing 10,000 bike parking racks throughout the city



[Delivering New York Plan](#)

Freight Mobility Unit Overview

Freight Toolkit

What We Do: Reduce the impacts of trucks on communities and infrastructure while improving the sustainability and efficiency of truck deliveries

How We Do it: Wide range of strategies, policies and programs in our toolbox



Off-Hour Deliveries



Expand Loading Zones



Truck Route Enhancements



Street Improvement Projects



Truck Electrification & Decarbonization



Truck Safety Education, Outreach, & Partnerships



Truck Safety and Compliance Enforcement Coordination



Microdistribution Hubs



Commercial Cargo Bike Program



Blue Highways

Background

Project Location

- In 2021, DOT converted 20th St to a one-way westbound street, with a parking protected bike lane (3 Av to 7 Av) and shared use path (to be completed in the next few weeks) for pedestrians and cyclists (7 Av to McDonald Av)
- DOT is continuing to monitor conditions on 20th St and 19th St
- Multiples schools are located along 19th St, proximal to existing truck routes (Prospect Expy, 20th St, 10th Av/McDonald Av)
- MS 442 requested DOT to consider safety enhancements on 19th St with respect to eastbound traffic and pedestrian safety



Location of project safety enhancements

Existing Conditions

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Crash Data

Crashes in Project Area

	Total Injuries
Pedestrians	6
Cyclists	1
Motor Vehicle Occupant	22
Total	29

Injuries proximal to project area

Injury Summary, 2014-2019 (5 years)



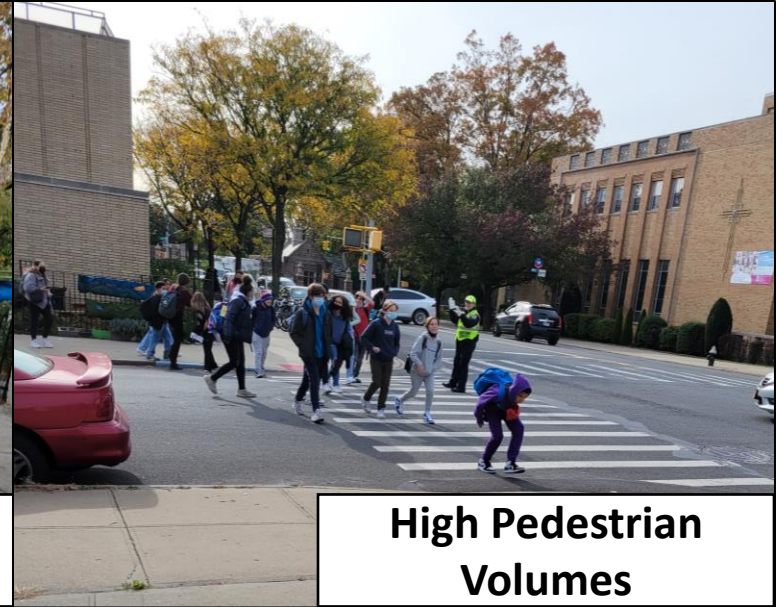
Overview of crash locations proximal to PPW/19th St

Existing Conditions

Prospect Park West and 19th St



**Insufficient Bike
Parking**



**High Pedestrian
Volumes**



**High Volume of Left
Turns**

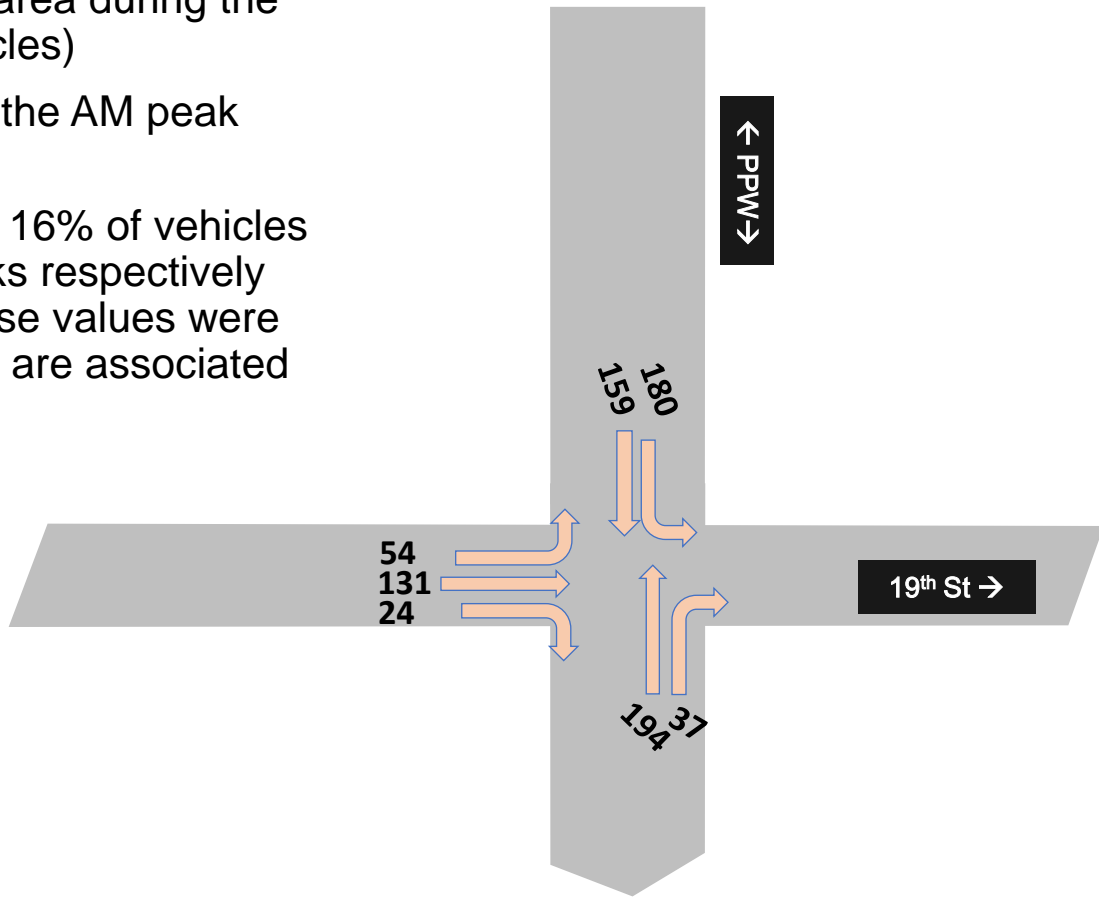
Existing Conditions

Peak Hour Traffic Count (PM Peak)

- Volumes are highest within the project area during the PM peak (4:30-5:30 PM, with 779 vehicles)
- Pedestrian volumes are highest during the AM peak (over 300 pedestrians cross)
- During the AM and PM peaks 20% and 16% of vehicles traveling eastbound on 19th St are trucks respectively (before 20th St one-way conversion these values were 32% and 16% respectively); many trips are associated with local deliveries to residential areas



During school drop-off and pick-up times, congestion of 19th St is evident; some signal timing changes were made at 19th St/10th Av/Prospect Expy to accommodate 19th St congestion

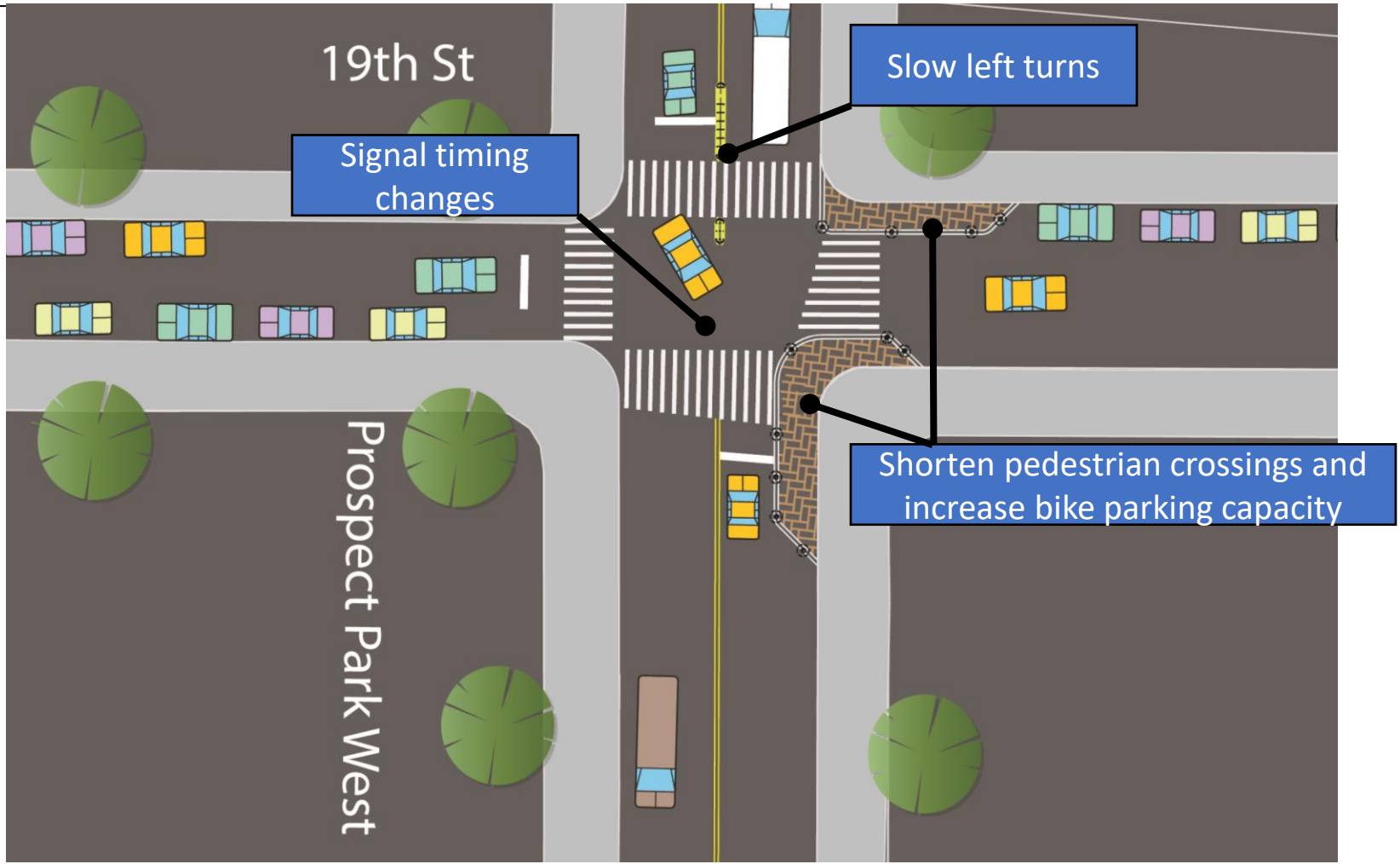


Project Proposal

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Proposed Safety Improvements

Prospect Park West and 19th St



Project Benefits

Improving Intersection Safety

- Shortens crossing distances for pedestrians
- Provides additional bike parking for students and faculty
- Slows left turns by design
- Allocates additional crossing time for pedestrians
- Improves visibility for pedestrians, cyclists and motorists



Reflective of proposed condition, which will also include bike racks
(7th Av and Bleecker St, MN)

Next Steps

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Next Steps

Timeline

Summer 2022: Planned Implementation

Fall 2022 – End of 2022: Post-implementation monitoring

Safety

- Promote safety for all road users via street design

Partnership

- Allow MS442 and other adjacent schools to maintain bike corral spaces and planters

Continued Monitoring

- Continue spot checks of 19th St and 20th St during and after project implementation



AM Peak period at Prospect Park West and 19th St

Thank You!

Questions?



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