



3RD ST, 4TH ST, 6TH AVE TO AVE D

TRAFFIC CALMING AND BIKE LANES

New York City Department of Transportation

Presented by the Bicycle and Greenway Program to CB 2 Transportation Committee on July 12, 2018



PROJECT BACKGROUND

Request for Traffic Calming

- Traffic calming proposal presented by private citizen to CB 2 in 2017
- Over 660 signatures on on-line and off-line petition
- NYU letter to DOT in support of petition

Growth in Cycling

- Citywide growth
- Neighborhood Citi Bike use
- Anticipated growth in cycling due to L train shut down

Cycling in Numbers

- **450,000** bike trips per day (2016)
- **80%** growth in daily cycling trips (2011-2016)

High Citi Bike usage:

- **696,000** trips in CB 2 (July to September 2017)
- **543,000** trips in CB 3 (July to September 2017)



PROJECT LOCATION



Project Goals:

- Build on previous safety improvements
- Expand and improve the bike network

3rd, 4th St (6th Ave to Ave D)

Injury Summary, 2012-2016 (5 years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	89	13	0	13
Bicyclists	58	11	0	11
Motor Vehicle Occupant	112	5	0	5
Total	259	29	0	29

Fatalities, 01/01/2012 – 02/05/2018: None

Provide clear, continuous E-W connection from Washington Sq Park to East Village and East River

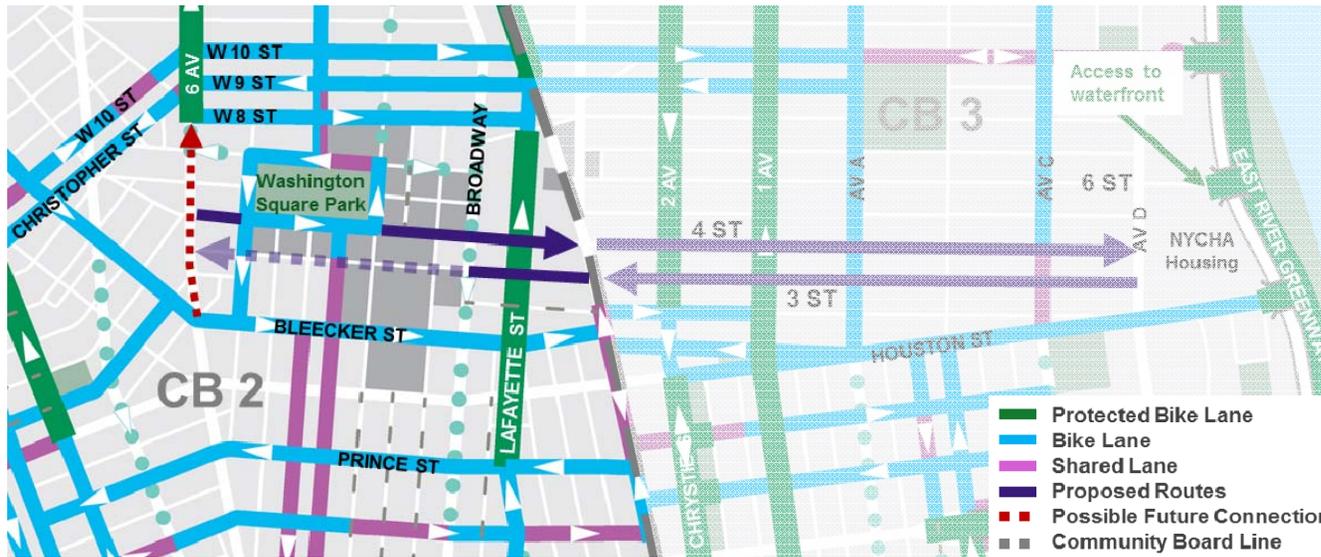
5 Citi Bike Stations along proposed route

Street redesigns provide opportunity to improve safety for all road users: cyclists, pedestrians and drivers

Source: Fatalities: NYCDOT. Injuries: NYSDOT.
KSI: Persons killed or severely injured

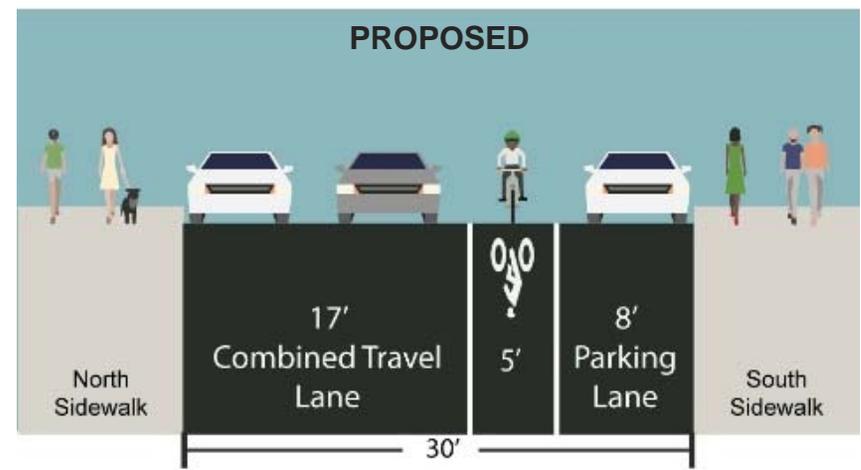
PROPOSAL: STANDARD BIKE LANES

Roadway segments 30+ feet wide



Bike Lanes:

- Calm traffic by visually narrowing roadway
- Organize roadway, improve alignment and visibility
- Provide dedicated space for cyclists

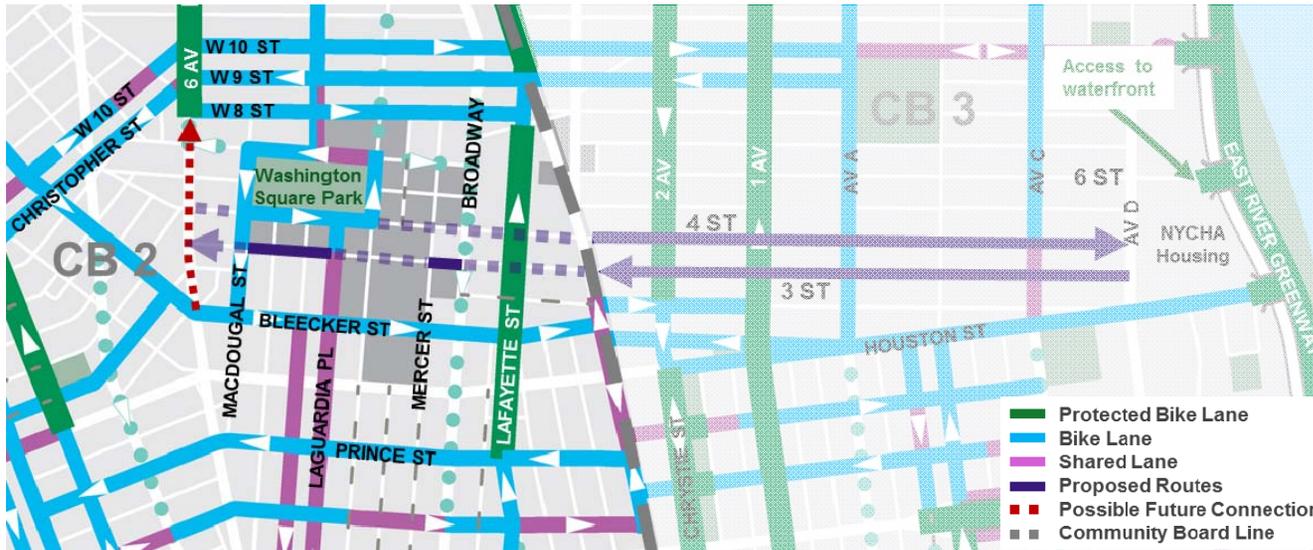


PROPOSAL: Design Elements



PROPOSAL: SHARED LANE MARKINGS

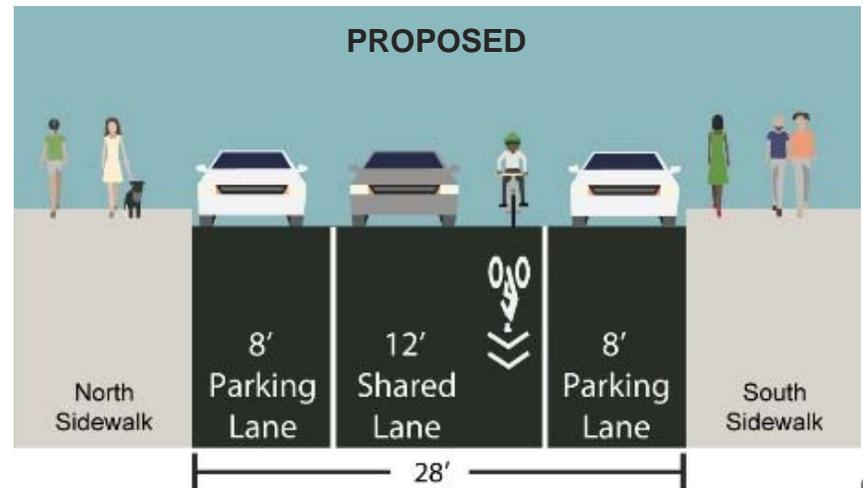
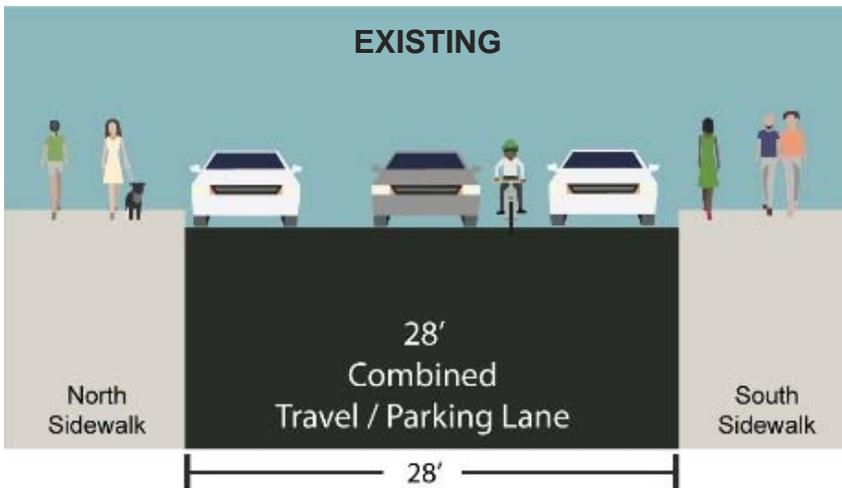
Roadway segments less than 30 feet wide



Shared Lanes:

- Provide wayfinding
- Alert motorists to the presence of cyclists

3rd St (Broadway and Mercer, La Guardia Pl and Macdougal St)



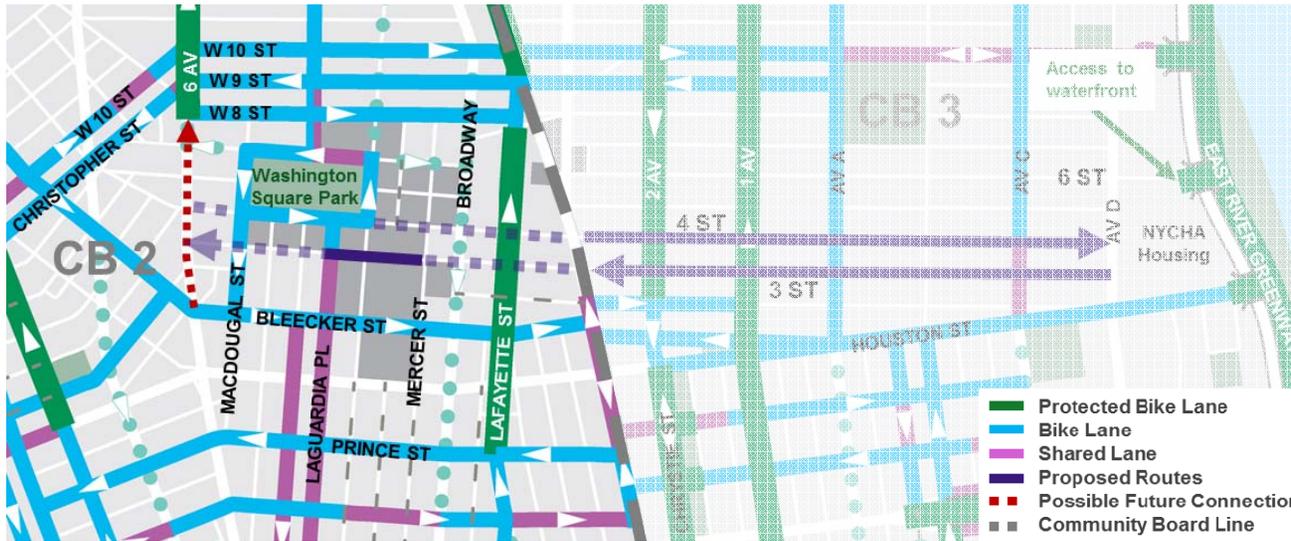
PROPOSAL: Design Elements



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PROPOSAL: PROTECTED BIKE LANE

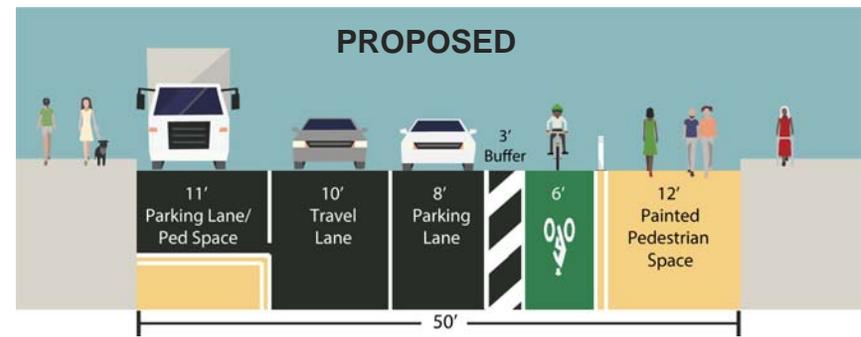
3rd St, LaGuardia Pl to Mercer St



Parking Protected Bike Lanes:

- Calm traffic by physically narrowing roadway
- Provide dedicated space for cyclists

3rd St (Mercer St and La Guardia Pl)



Dimensions may change depending on engineering review

PROPOSAL: PAINTED PEDESTRIAN SPACE

3rd St, between Mercer St and LaGuardia Pl

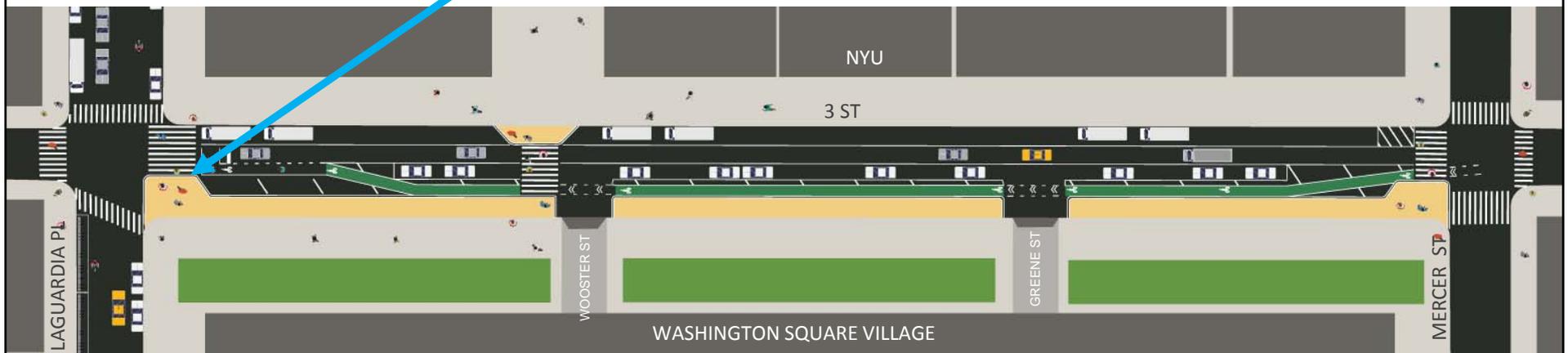
EXISTING



Pedestrian Improvements

- Calms traffic
- Shortens pedestrian crossing
- Improves visibility
- New speed bump

PROPOSED



PROPOSAL: Design Elements

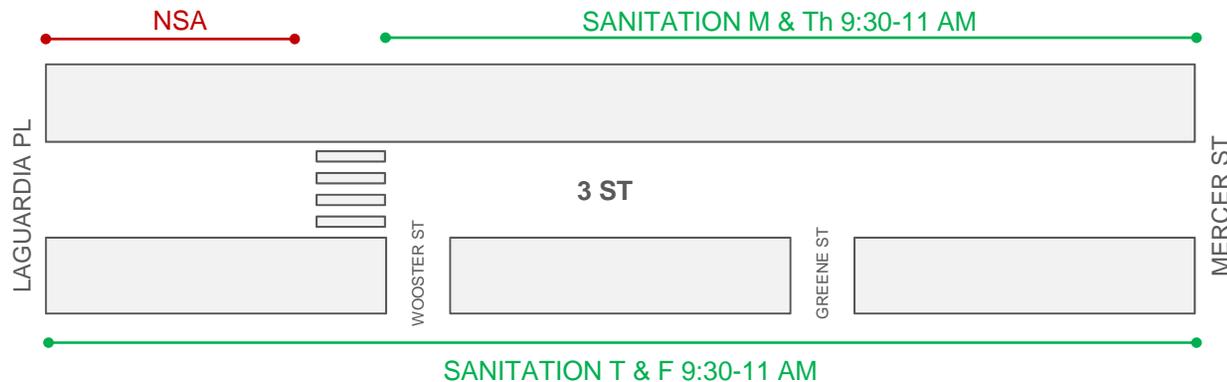


W 3rd St
Painted
pedestrian space
proposed along
south curb

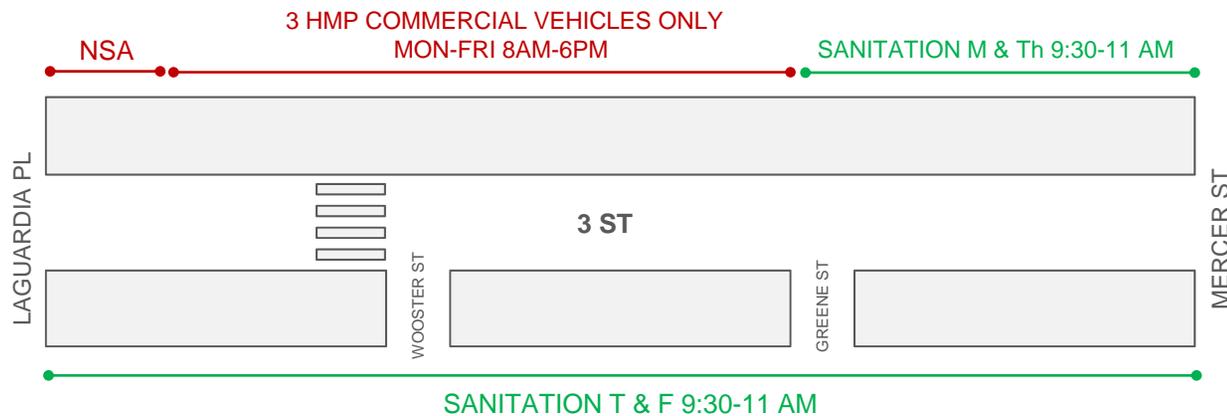
PROPOSAL: PARKING REGULATION

3rd St, between Mercer St and LaGuardia Pl

EXISTING



PROPOSED

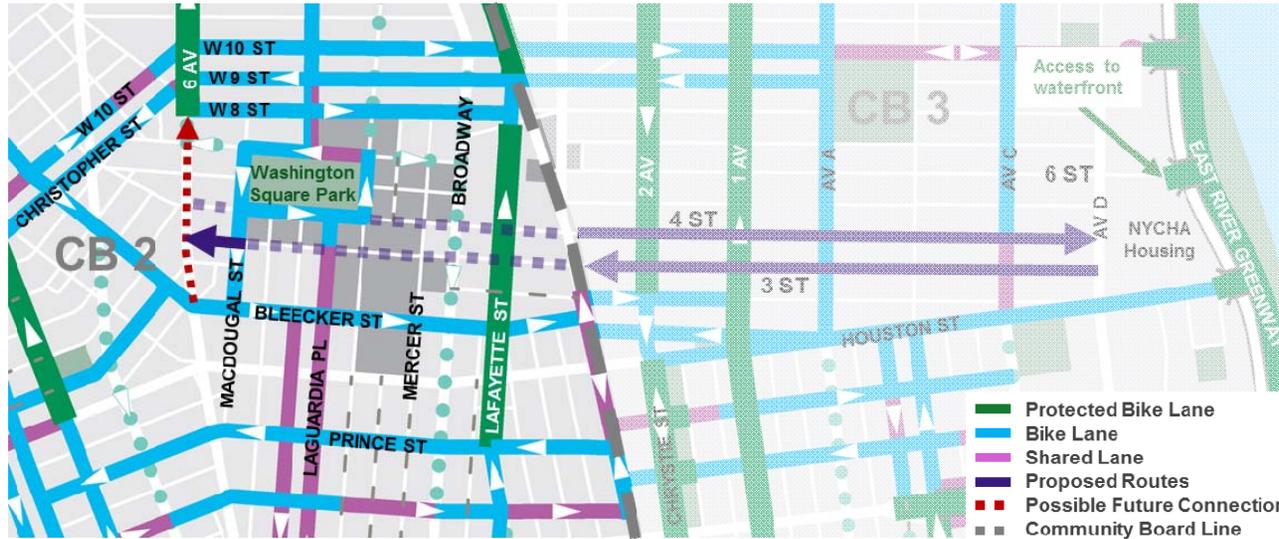


Curb Regulations

- Allows for commercial un/loading
- Improves curb access by encouraging turn over
- Maintains overnight parking

PROPOSAL: CURBSIDE BIKE LANE

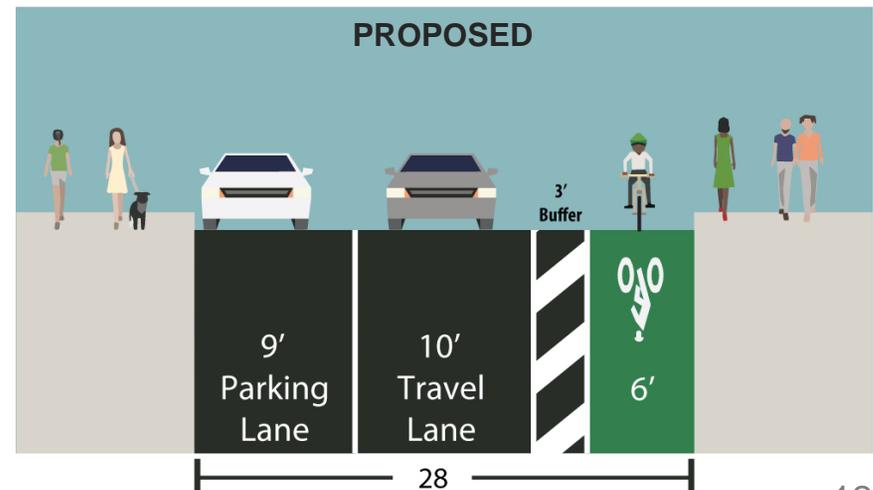
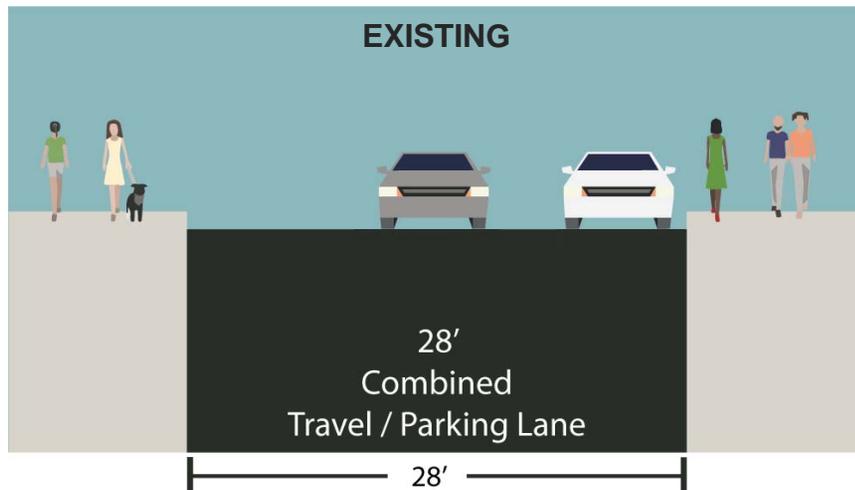
3rd St, MacDougal St to 6th Ave



Curbside Buffered Bike Lane:

- Dedicated space for cyclists along curb
- Shifts parking from south to north curb to maintain alignment
- No Parking Loss**

3rd St (Macdougal St to 6th Ave)



3rd St, 4th St: Traffic Calming and Bike Lanes

PROPOSAL: Design Elements



Church Street, 6th Avenue and Washington Square, Manhattan

SUMMARY OF BENEFITS

Organizes the roadway to improve safety for all modes

- Discourages speeding
- Creates more visible, safer pedestrian crossings
- Increases predictability of cyclist location
- Dedicated space for cyclists
- Closes gaps in bike network

Street redesigns provide opportunity to improve safety for **all road users:** cyclists, pedestrians and drivers



ADDITIONAL COMMUNITY REQUESTS:

New mid-block pedestrian crossing on:

- 1. Bleecker St and Wooster St (3 Washington S):** study scheduled for September, 2018

Potential neckdowns and curb extensions on:

- 2. Bleecker St between Laguardia Pl and Wooster St:** maintenance partner required

Parking regulation adjustments to improve curb access on:

- 3. Bleecker St and LaGuardia Pl (CB 2):** under review

THANK YOU!

Questions?



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