



MOSHOLU AVENUE TRAFFIC CALMING

Presentation to CB 8 Transportation Committee
June 20, 2019



PRESENTATION OVERVIEW

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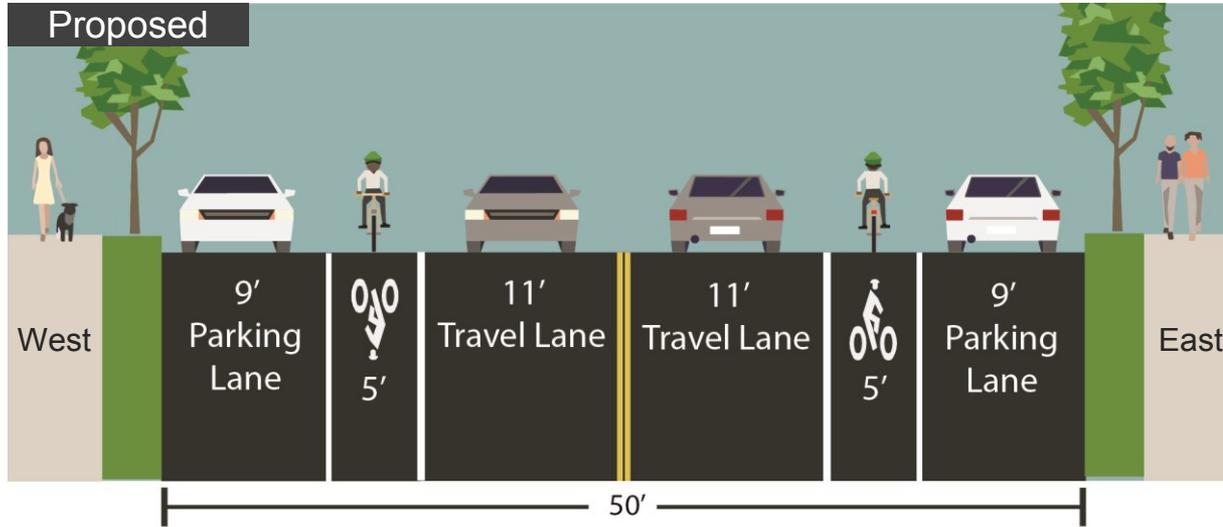


Proposed Traffic Calming

1

Mosholu Ave – Broadway to W 256th St

Organize traffic with bike lanes



Proposed Design

- Install standard width travel lanes to narrow the roadway
- Add bike lanes in both directions
- Maintain existing parking capacity

Benefits

- Calms traffic by visually narrowing the roadway
- Organizes bicycle traffic and creates predictability
- Increases safety for all road users



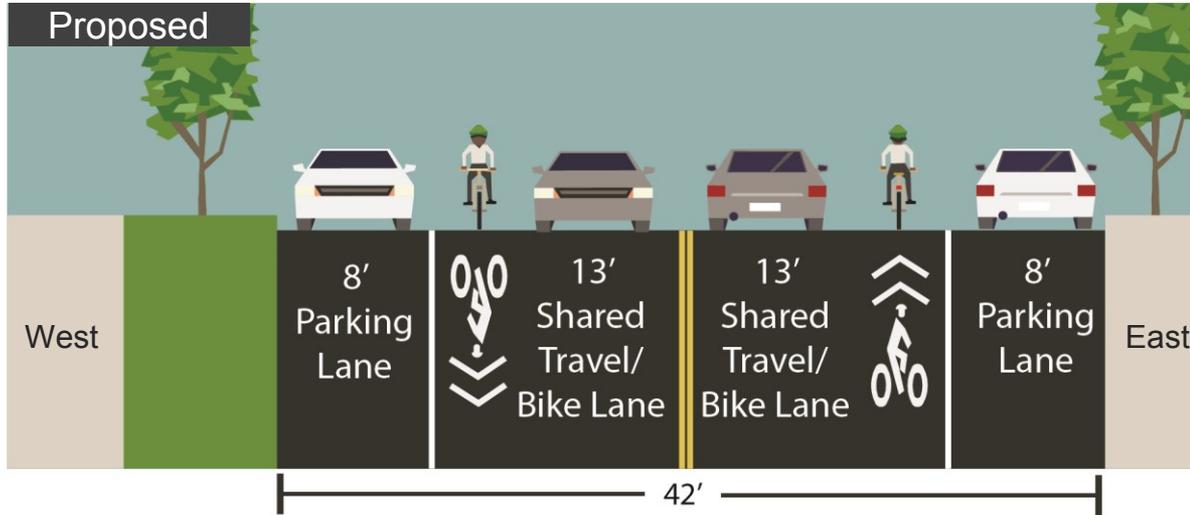
Proposal Organize Roadway with Bike Lanes

Visually narrow travel lanes, maintain existing traffic capacity and parking spaces



Mosholu Ave – W 256th Street to W 254th Street

Provide wayfinding and alert drivers with shared lanes



Proposed Design

- Curb width changes design
- Install standard width travel lanes to narrow the roadway
- Add shared lanes markings in both directions
- Maintain existing parking capacity

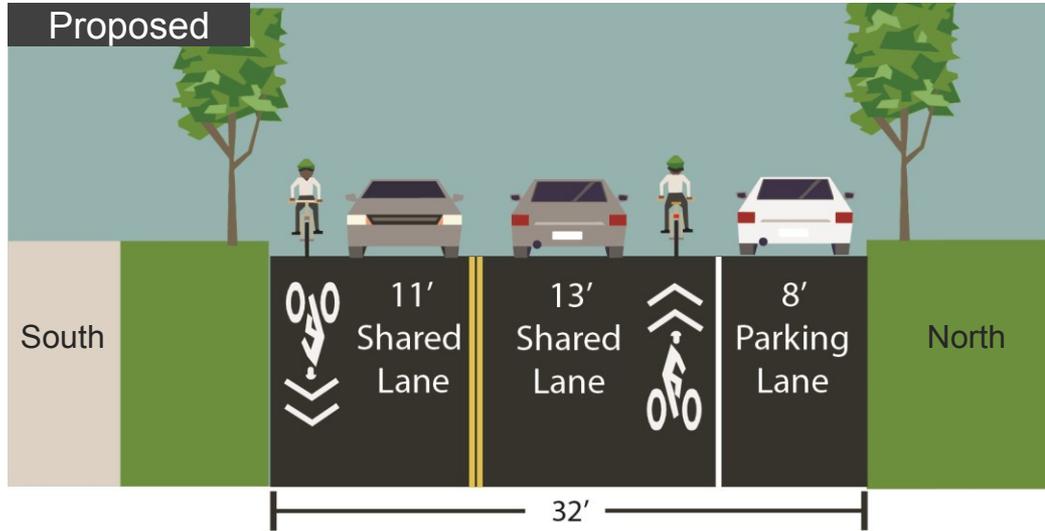
Benefits

- Visual reminder of the presence of cyclists
- Directs cyclists to bicycle network
- Pulls cyclists away from open car doors



W 254th St – Mosholu Ave to Riverdale Ave

Provide wayfinding and alert drivers with shared lanes



Proposed Design

- Curb width changes design
- Install standard width travel lanes to narrow the roadway
- Add shared lanes markings in both directions
- Maintain existing parking capacity

Benefits

- Visual reminder of the presence of cyclists
- Directs cyclists to bicycle network
- Pulls cyclists away from open car doors



Proposal Provide wayfinding with Bike Sharrows

Alert drivers to presence of people cycling, no impact on traffic capacity or parking

Existing



Proposed design



Pedestrian Safety Improvements

Install safer pedestrian crossings along Mosholu

Proposed

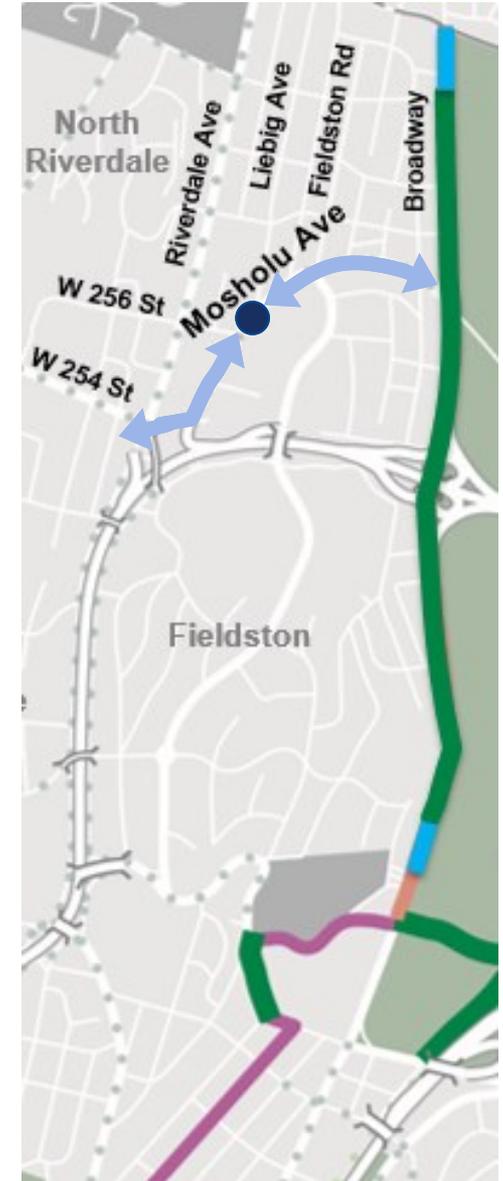


Proposed Design

- Install painted curb extension on Mosholu at Liebig Ave
- Install high visibility crosswalk on Mosholu at W 256th St
- Identify other locations for intersection control interventions

Benefits

- Shortens pedestrian crossing distance
- Creates more visible, safer pedestrian crossings
- Calms traffic and discourages speeding



Background

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PROJECT BACKGROUND

Request for Traffic Calming

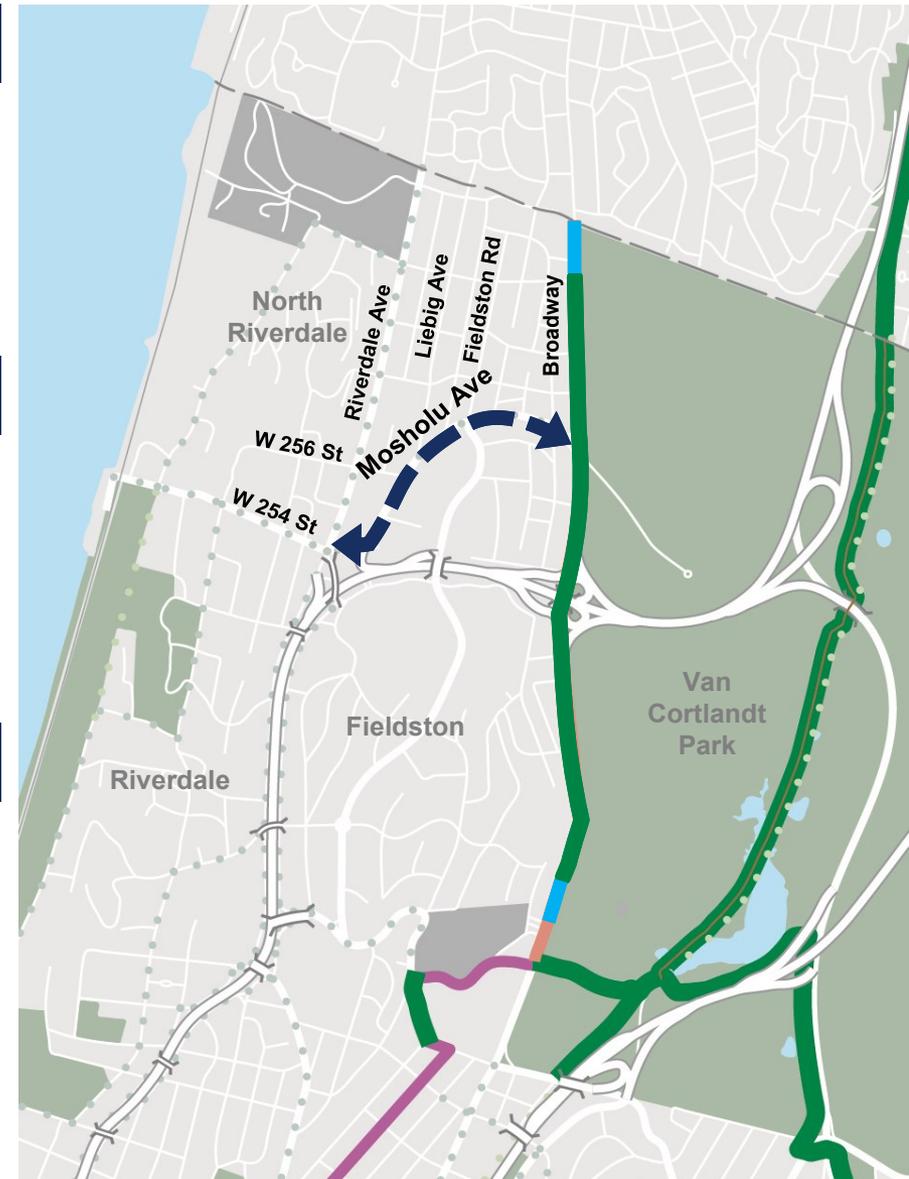
- Received community concerns about speeding

Growth in Cycling

- 490,000 bike trips per day citywide (2017)
- 49% growth in Bronx cycling trips (2012-2017)

Connection to Existing Bike Network

- Two-way protected bike lane installed on Broadway in 2018
- Mosholu Ave is the main thoroughfare from North Riverdale to Van Cortlandt Park



PROJECT BACKGROUND

Mosholu Avenue is typically 50' wide

Commercial activity and residential on both sides of the street

Wide, angled crossings for pedestrians at intersections and long distances between safe crossings

Lack of organization on the roadway for motorists and cyclists

Current street design leads to high rates of speeding

25 MPH Speed Limit

80 % of eastbound and westbound drivers observed driving over 25 MPH

*Liebig Av and Mosholu Av
Data collected 4/30/19 1:00 – 3:00 PM 50 vehicle observations per direction*



Mosholu Avenue approaching Liebig Avenue

Summary

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SUMMARY OF BENEFITS

All Road Users

- Calms traffic, discourages speeding
- Organizes the roadway, increases predictability

Pedestrians

- Creates more visible, safer pedestrian crossings
- Shortens the crossing distance at Liebig Ave and other potential locations

Cyclists

- Dedicates space for cyclists
- Extends the reach of the bike network
- Provides a connection to Broadway and Van Cortlandt Park

Motorists

- Maintains existing capacity for vehicles
- Maintains existing parking
- Increases the predictability of pedestrians and cyclists



Mosholu Avenue

THANK YOU!

Questions?



NYC DOT



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