



MOSHOLU AVENUE TRAFFIC CALMING

Update to CB 8 Transportation Committee
December 2020



PRESENTATION OVERVIEW

1. Background
2. Proposal
3. Summary



Background

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PROJECT BACKGROUND

Request for Traffic Calming

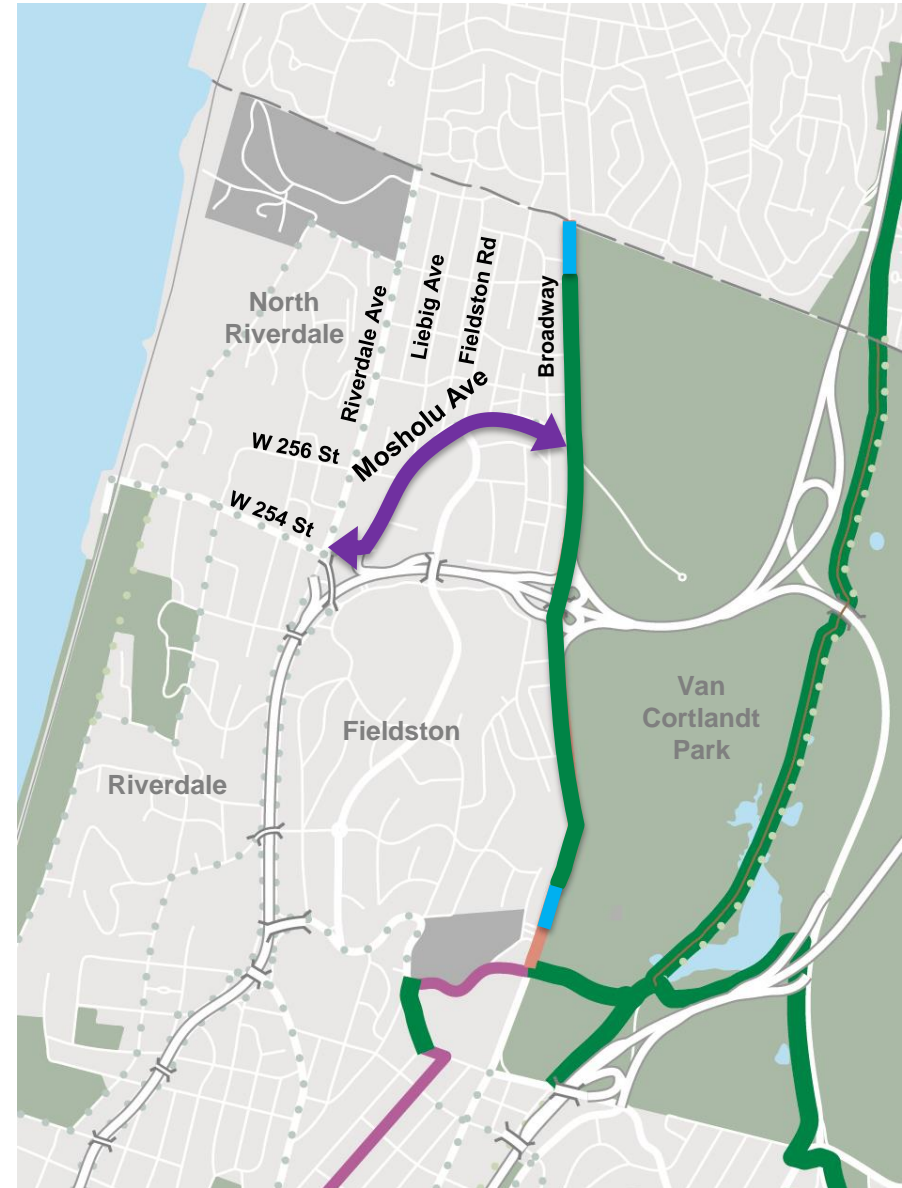
- CM Andrew Cohen and other community members raised concerns regarding safety along the corridor for pedestrians and cyclists
- Presented proposed design to the Transportation Committee in June 2019

Growth in Cycling

- 530,000 bike trips per day citywide (2019)
- 34% growth in Bronx cycling trips (2013-2018)

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*



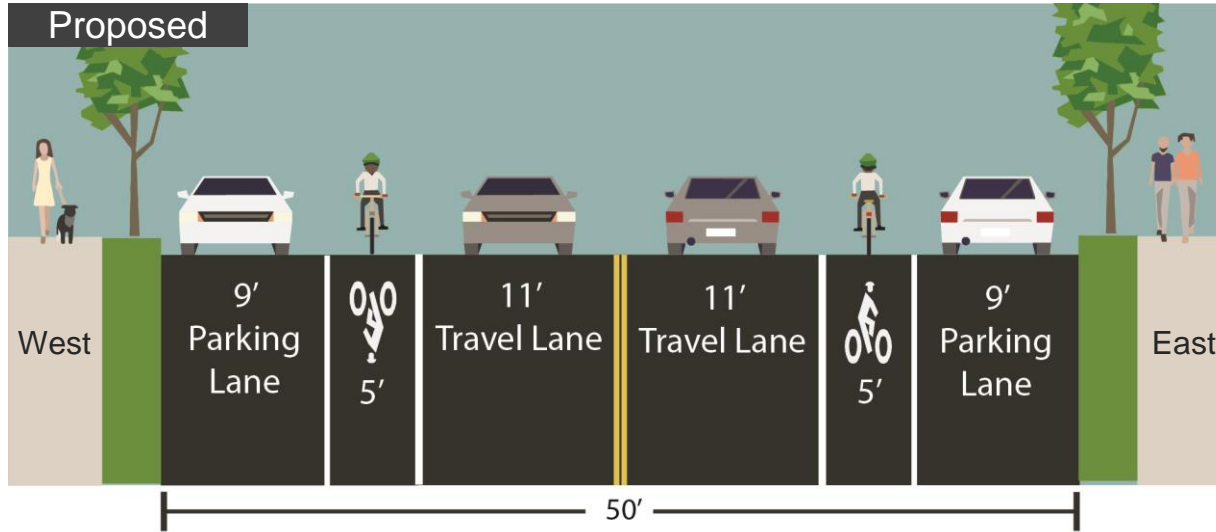
Mosholu Avenue approaching Tyndall Avenue

Proposed Traffic Calming

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Mosholu Ave – Broadway to W 256th St

Organize traffic with bike lanes



Proposed Design

- Install standard width travel lanes to visually narrow the roadway and discourage speeding
- Add standard bike lanes in both directions
- Maintains existing parking and travel lane capacity

Benefits

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



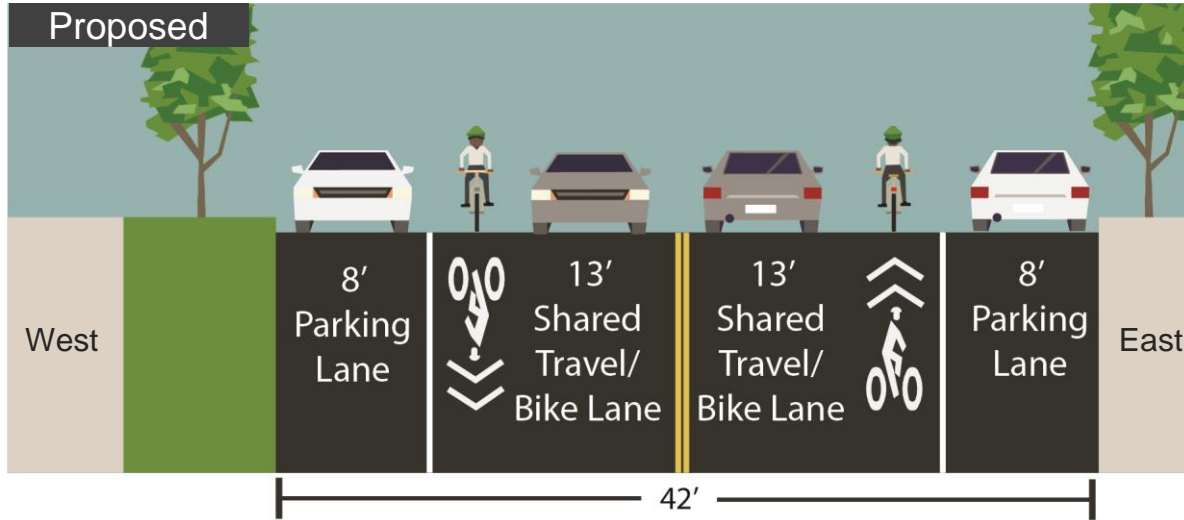
Proposal Organize Roadway with Bike Lanes

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 new lane markings for shared lanes to visually narrow the roadway
- Add bike sharrow markings in both directions
- Maintain existing parking capacity

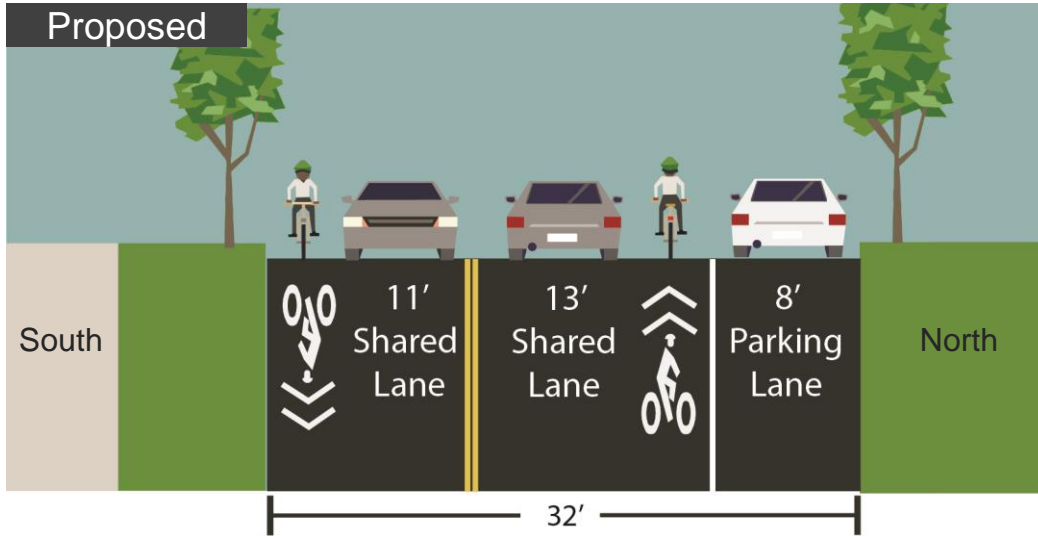
Benefits

- 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 new lane markings for shared lanes to visually narrow the roadway
- Add bike sharrow 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 Ave

Proposed



Proposed Design*

- Install painted curb extension on Mosholu Ave at Liebig Ave
- Install high visibility crosswalk on Mosholu Ave at W 256th St

Benefits

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

* NYC DOT investigated Mosholu Ave at Huxley Ave and Mosholu Ave at Spencer Ave for new intersection control interventions, but analysis did not warrant new stop controls. DOT can evaluate these intersections in the future.



Summary

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SUMMARY OF BENEFITS

All Road Users

- Calms traffic, discourages speeding
- New markings organize the roadway and increase predictability

Pedestrians

- Creates more visible, safer pedestrian crossings
- Shortens the crossing distance at Liebig

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 approaching W 256th St

THANK YOU!

Questions?



NYC DOT



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