



SOUTH BEACH GREENWAY BICYCLE CONNECTIONS

Presentation to Staten Island Community Board 2 Transportation Committee

September 10th, 2018



Proposed Bicycle Network Connections

1 Dongan Hills Connection
 Link cyclists from northern end of North and South Railroad Aves to greenways at South Beach and Midland Beach

2 Oakwood Connection
 Link cyclists from the southern end of S Railroad Ave bicycle route to greenways at Cedar Grove Beach and Miller Field

No Parking or Travel Lane Loss
 Increase cyclists safety without reducing parking or traffic capacity



Existing Bicycle Ridership on Nearby Streets

South Beach Greenway



1 Seaview Ave at Oceanview
140 cyclists

2 Mill Rd at New Dorp Ln
140 cyclists

Source Data
 14 hour weekend day counts of bicyclist in Summer 2017



LEGEND

- Proposed Bicycle Route
- Existing Bicycle Facilities**
- Protected Bicycle Path
- Bicycle Lane
- Shared Lane
- Signed Route

North

Recent Greenway Connections Increased Cycling



New Springville Greenway Connections (Summer 2016)

After adding a bicycle connection between the New Springville Greenway and Staten Island Greenbelt, ridership doubled.

Nome Ave at Richmond Ave

↑ 206%

Travis Ave at Nehring Ave

↑ 128%

Rockland Ave at Forest Hill Rd

↑ 195%

Rockland Ave facing west towards Kelly Blvd

Proposed Bicycle Facilities

Add Bicycle Lanes



Dedicates space for cyclists on the street

Increases predictability of cyclist's location for motorists and pedestrians

Separates slower bicycle traffic from motor vehicle traffic

Add Shared Lane Markings



Guides cyclists along routes

Alerts motorists to the presence of cyclists

Helps align cyclists properly in the street



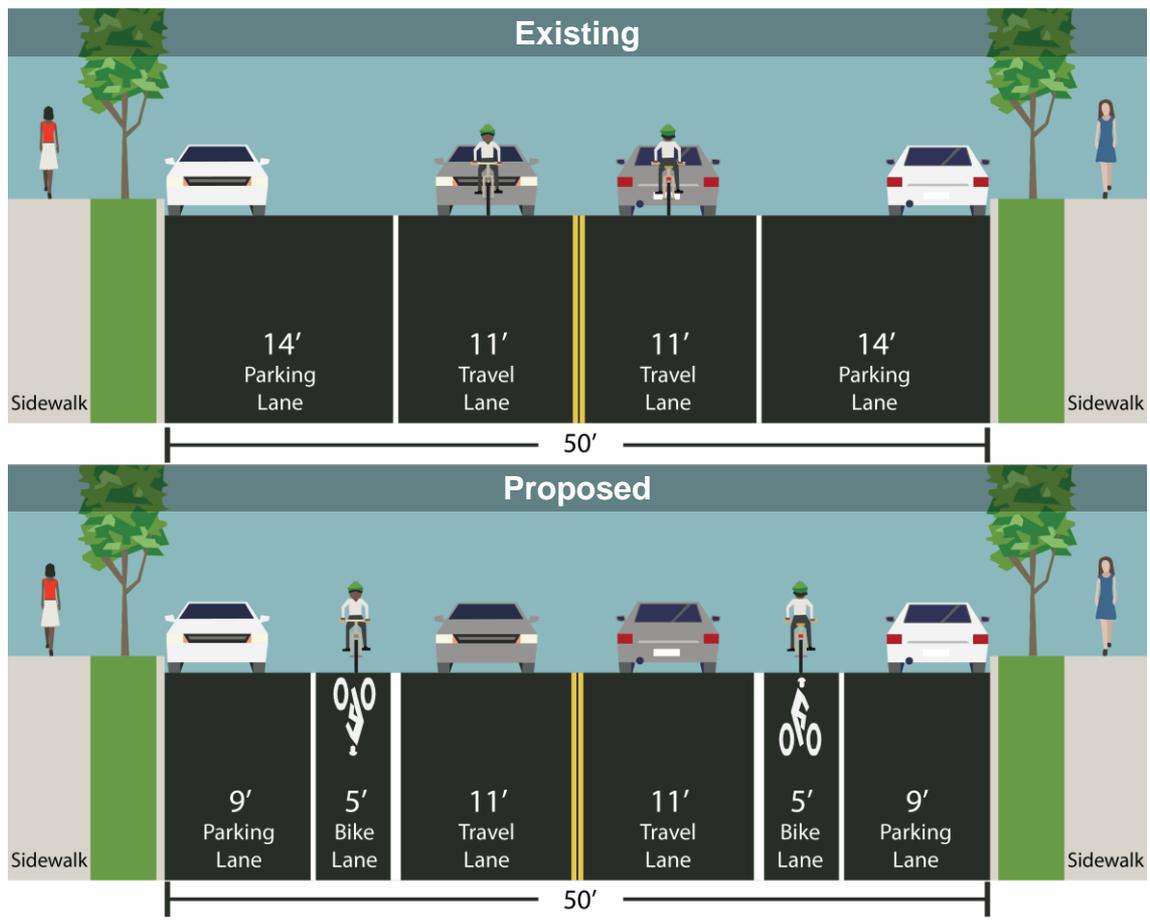
Bike Lanes (Typical)

Streets to be affected:

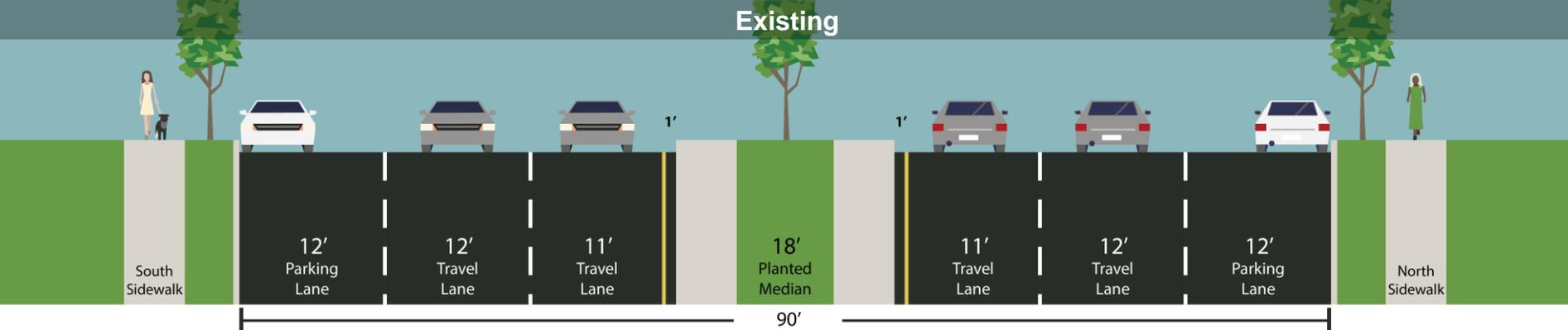
- Mason Ave, Seaview Ave to Buel Ave
- Buel Ave, Mason Ave to Hylan Blvd
- Mill Rd, New Dorp Ln to Tysens Ln

Proposed Changes:

- Narrow wide travel lanes to standard width
- Narrow wide parking lanes to standard width
- Reuse extra space for dedicated bicycle lanes



Bike Lanes (Seaview Ave, Fr Capodanno Blvd to Mason Ave)



Make Travel Lanes and Parking Lanes Standard Width

Narrowing lanes to standard widths leaves room for bicycle lanes and helps calm traffic, without reducing the road's capacity

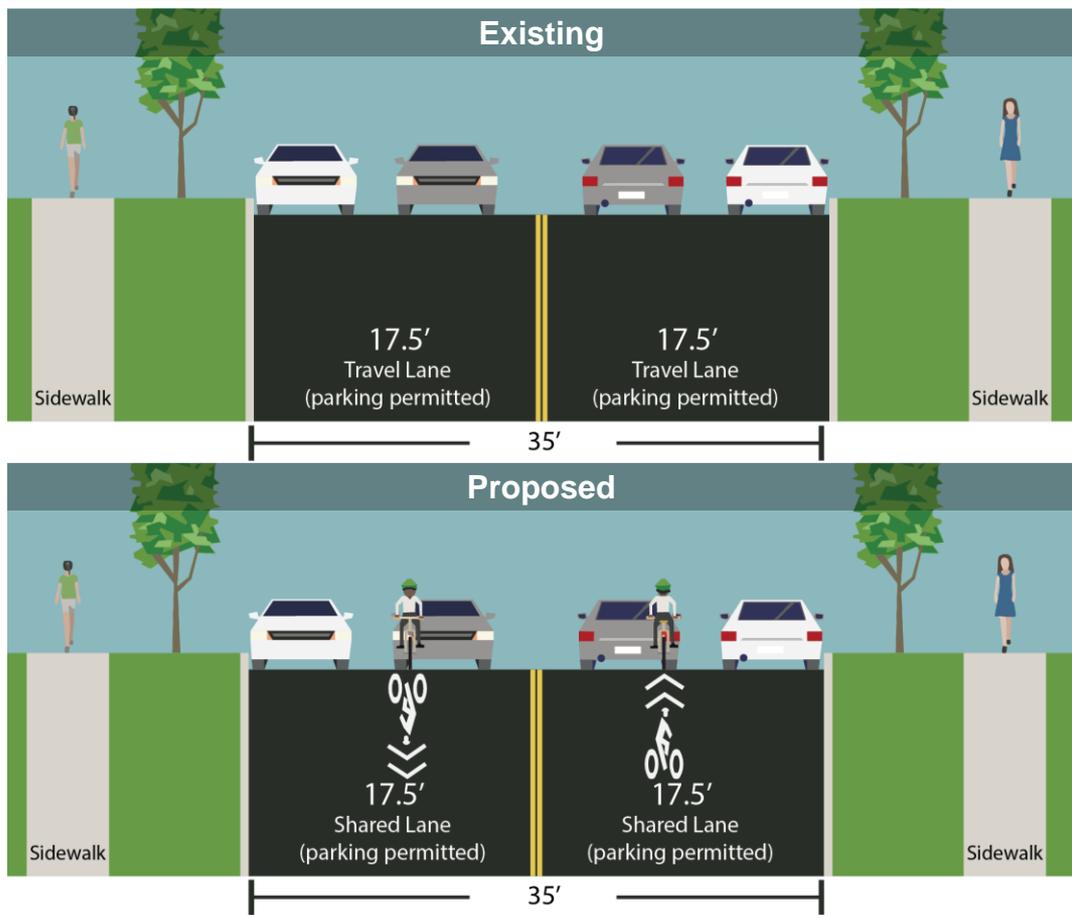
Shared Lane Markings (Typical)

Streets to be affected:

- N Railroad Ave, Jefferson Ave to Jefferson St
- Jefferson St, N Railroad Ave to Buel Ave
- Buel Ave, Jefferson St to Hylan Blvd
- New Dorp Ln, New Dorp Beach to Mill Rd
- Mill Rd, Tysens Ln to Guyon Ave
- Guyon Ave, Mill Rd to Acorn St

Proposed Changes

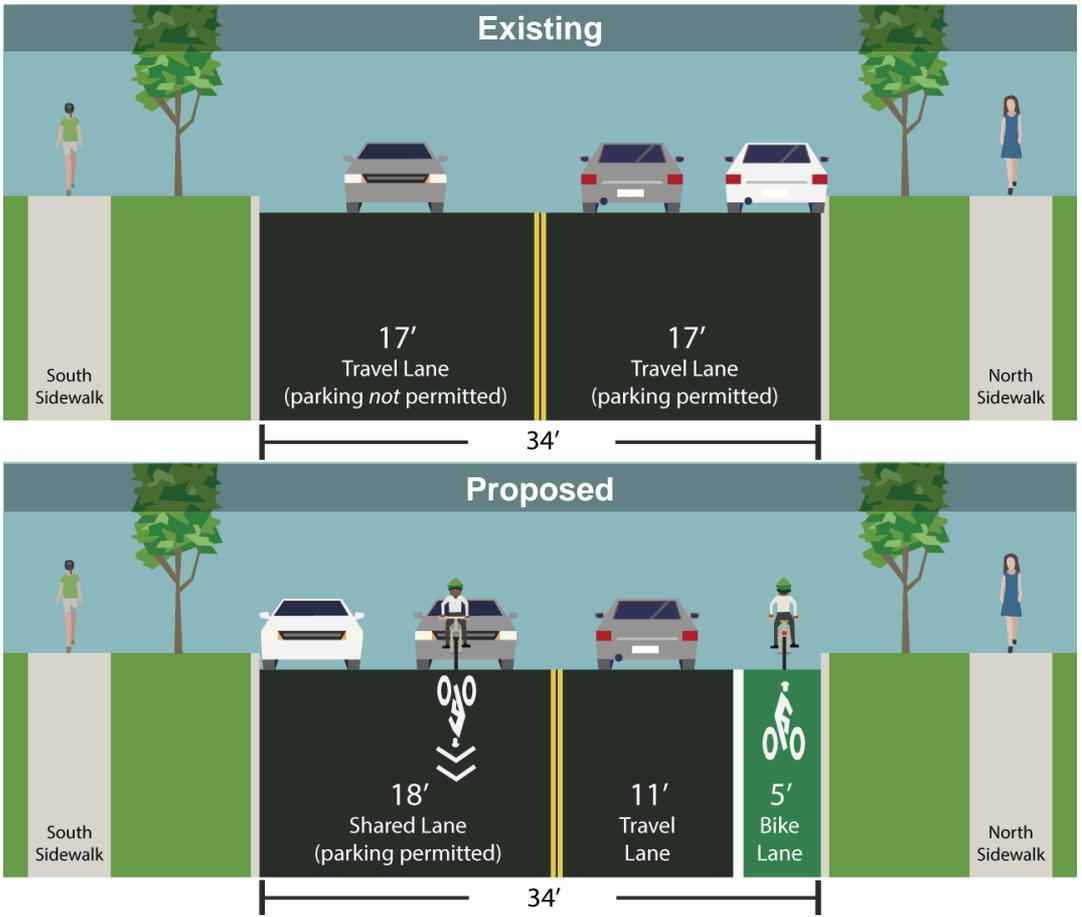
- Add shared lane markings



Shared Lane and Bicycle Lane (Guyon Ave, from Acorn St to S Railroad Ave)

Flip Parking from North Curb to South Curb

- Relocate no parking regulation from south side of street to north side
- Standard west-bound travel lane provides room for dedicated bicycle lane, separating slower cyclists traveling uphill from motor vehicle traffic
- No loss of parking capacity



Project Benefits

Improved Connections to Greenways

Connects residential communities and existing bicycle network to growing greenway network

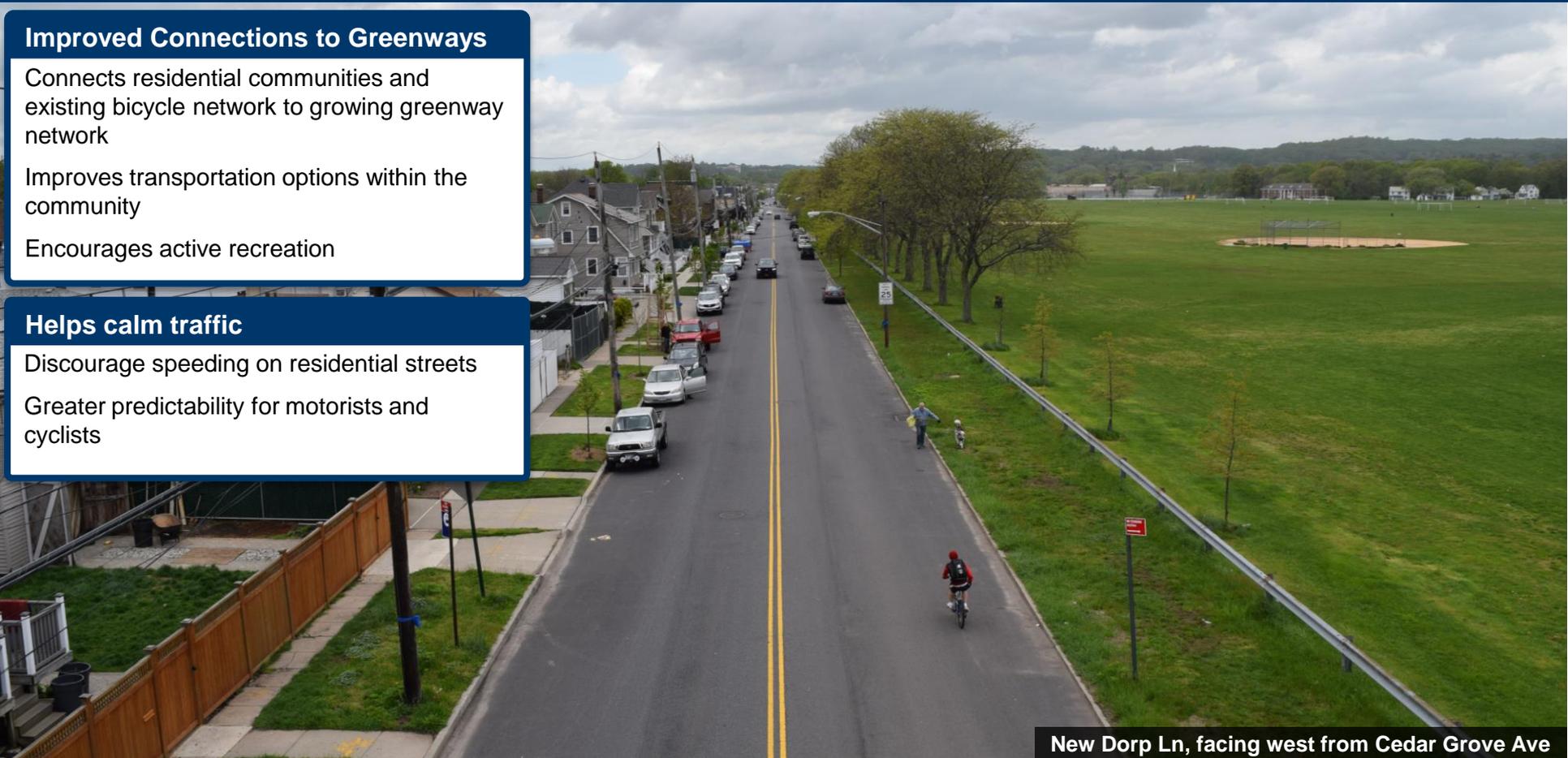
Improves transportation options within the community

Encourages active recreation

Helps calm traffic

Discourage speeding on residential streets

Greater predictability for motorists and cyclists



New Dorp Ln, facing west from Cedar Grove Ave

THANK YOU!

Questions?



NYCDOT



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