Bike Boulevard
Netherland Ave

Presentation to Staten Island Community Board 1
June 15th, 2021
Netherland Avenue

Bike Boulevard Proposal

• Create Low Stress Route For Cyclists

• Run Parallel to Commercial Corridor on Forest Avenue

• Potential to Connect to Wider Bike Network
Bike Boulevards

Overview

Corridor designated and designed for bicycle travel

• **Enhance** conventional, shared and signed bicycle routes

Design elements include:

• **Route planning**: direct access to destinations
• **Signs, wayfinding, pavement markings** easy to find /follow
Staten Island Bicycle Network

- Growing Mid-Island Network
- New Bridge Paths
- Connections Can Be Built Off A Netherland Ave Route
1. Add Shared Lanes

Existing Conditions

- Low Traffic Volumes
- Not Wide Enough For Dedicated Bike Lanes
1. Add Shared Lanes

Proposed Changes

• Alerts Motorists
• Guide Cyclists
• Helps with Alignment
2. Add Shared Paths

Existing Conditions

• Section of streets never built out

• Limits mobility for pedestrians and cyclists

• Request from community to make improvements
2. Add Shared Paths

Proposed Changes

- Add path to allow peds/bikes through unbuilt street sections
- Remove 2-4 parking spaces at each location, needed for access between street and new paths
3. One-Way Segment

Existing Conditions

• Eastbound Traffic Only
• Parking on North Curb
• Low Traffic Volumes
• Westbound cyclists cannot pass through section
• Two-Options Examined
  • Yield Street design
  • Shared Street design
3a. Option 1 - Yield Street

Proposed Changes

1. **Allow Two-Way Traffic** and Add No Thru Traffic Signage

2. Reserve space for vehicles to pass each other, or in other words: “yield” to each other (4 parking spaces removed)

3. Alternate Parking To Slow Vehicles Down (Chicane)
3b. Option 2 - Shared Street

Proposed Changes

- Keep one-way vehicle traffic, but allow two-way bike traffic
- Prioritize Pedestrians and Cyclists, slow vehicles down
- Design Options:
  - Add No Thru Traffic signage
  - Limit Speed to 5 mph
  - Speed Bumps
  - Add Chicanes (similar parking loss as option 1)
  - Street Markings and Signs
Summary

• Add Two-Way Bicycle Boulevard

• Add Shared Paths at Union Ave and Van Name Ave

• Convert Harbor Rd to Union Av to two-way - we will monitor conditions and make changes as necessary or add shared street to allow two-way bike traffic

• Targeted Parking loss
Benefits

• Better Cycling Alternative to Forest Ave

• Improved pedestrian mobility in the neighborhood

• Potential Connection to Larger Network
Thank You!

Questions?