Goethals Bridge Connections
Phase 2
Presentation to Community Board 2
June 21st, 2022
Goethals Bridge Connections – Phase 2

Project Overview

• Close gap between existing bicycle routes in Staten Island and Elizabeth, NJ

• Expand recreational opportunities

• Attract visitors to Staten Island

• Provide alternative modes for interstate commuters
Background
Existing Bike Routes

1 mile gap between two large existing bike networks

- Goethals Bridge
  - Elizabeth River Parkway
  - Goethals Bridge Shared Path
  - Goethals Bridge Connection – Phase 1
- Mid-Island Bike Network
Elizabeth River Parkway

New Jersey Side of the Bridge

- Shared walking and cycling path through parkland
- Begins in Midtown Elizabeth
- 4-minute bike ride from train
- Connects to Goethals Bridge

Shared Path
Goethals Bridge
Shared Path

Arthur Kill Crossing

• Shared walking and cycling path between Elizabeth, NJ and Staten Island, NY
• Panoramic views of New Jersey and New York
• Free for pedestrians and cyclist to use
Goethals Bridge Connection - Phase 1

- Mix of on and off-street bike paths
- Cyclist and pedestrians separated from vehicle traffic
- Ends at the Goethals Rd N-Forest Ave intersection
Mid-Island Bike Network

Existing Network
- ~24 bike lane miles total, 13 protected lane miles
- Connects to parks, schools, transit centers, and commercial hubs

Planned Expansions
- Signs Rd
- Arthur Kill Rd Widening
- Fresh Kills Park
Goethals Bridge Connections – Phase 2

- Create the shortest/most direct bike route between the two networks
  - Goethals Rd N, Forest Ave to South Ave
  - South Ave, Goethals Rd N to Fahy Ave
  - Fahy Ave, South Ave to Felton St
  - Felton St, Fahy Ave to Lamberts Ln
  - Lamberts Ln, Felton St to Arlene St

- Provide additional traffic capacity
  - Goethals Rd N approaching South Ave
Proposal
Goethals Road North
Forest Ave to South Ave

Existing Conditions
• Two west-bound travel lanes
• Traffic volumes low

Proposed Changes
• Replace 1 travel lane with two-way bicycle lanes along the south curb, protected by barrier
Goethals Road North
At South Ave – East Leg

Existing Conditions

- Three travel lanes on Goethals Rd N, approaching South Ave
- Right-turns expected to increase with commercial developments on Forest Ave

Proposed Changes

- Mark turn lanes
- Remove 6 parking spaces to extend right-turn lane
South Avenue
Goethals Rd N to Fahy Ave

Existing Conditions
• High traffic volumes
• Narrow Sidewalks

Proposed Changes
• Widen west sidewalk to accommodate both cyclists and pedestrians
• Narrow one travel lane to standard width
Fahy Avenue
South Ave to Felton St

Existing Conditions

• Two-way street
• Slight hill heading east
• Low Traffic volume heading west

Proposed Changes

• Add eastbound curbside bike lane
• Add shared lane markings westbound
Felton Street
Fahy Ave to Lamberts Ln

Existing Conditions
• Narrow two-way road
• Low traffic volumes

Proposed Changes
• Add shared lane markings in both directions
Lamberts Lane
Felton St to Arlene St

Existing Conditions
• Wide, two-way street

Proposed Changes
• Add buffered bike lanes in both directions
Summary
Summary of Changes

• Rebuild South Ave’s west sidewalk between Goethals Rd N and Fahy Ave

• Remove 1 travel lane on Goethals Rd N between Forest Ave and South Ave

• Narrow travel lanes to standard width

• Add 2.2 lane miles (1.2 protected) to the bike network
Benefits

- Closes the gap between bike networks in Elizabeth, New Jersey and Staten Island
- Creates convenient cycling route to significant destinations in Staten Island
- Provides options for commuters between Staten Island and New Jersey
- Creates safer streets for all users
Thank You!

Questions?