



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



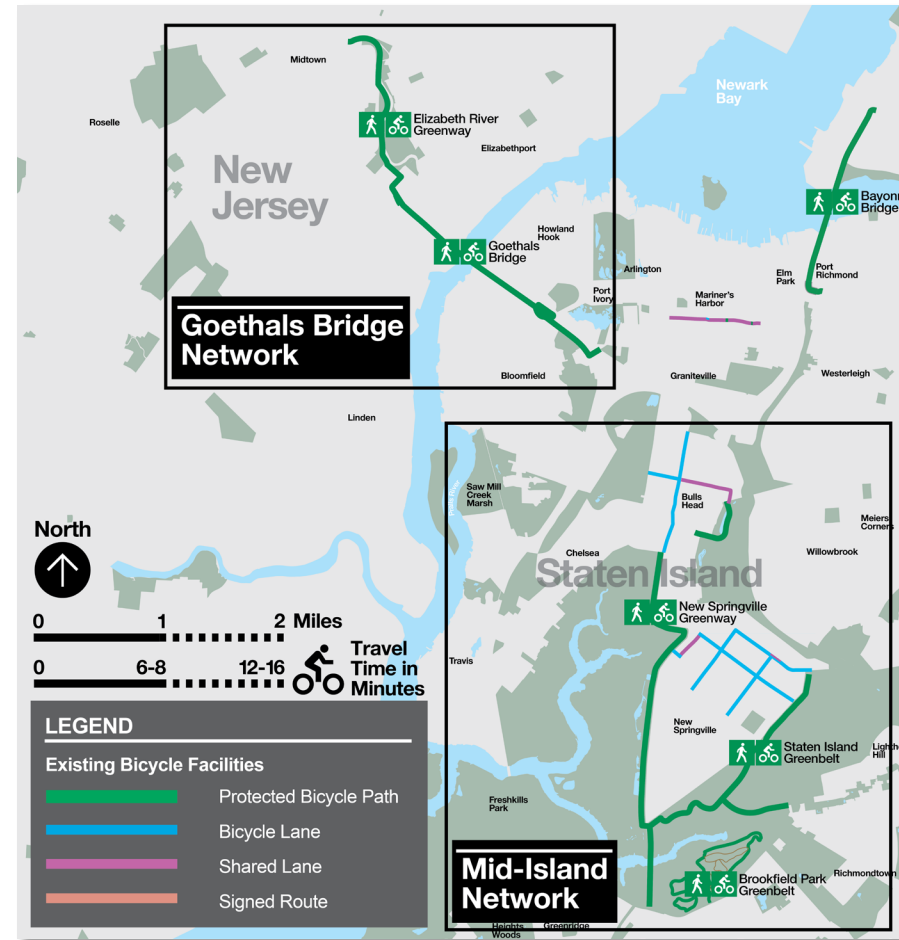


Background

Existing Bike Routes

1 mile gap between two large existing bike networks

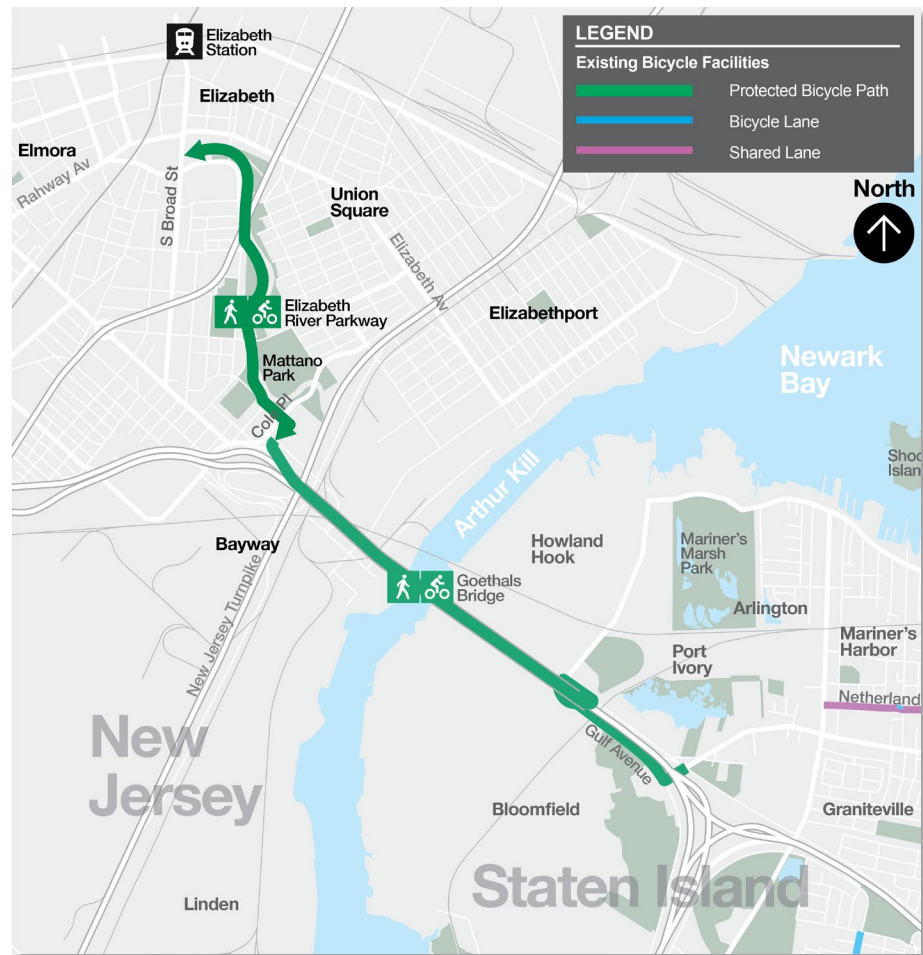
- **Goethals Bridge**
 - Elizabeth River Parkway
 - Goethals Bridge Shared Path
 - Goethals Bridge Connection – Phase 1
- **Mid-Island Bike Network**



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



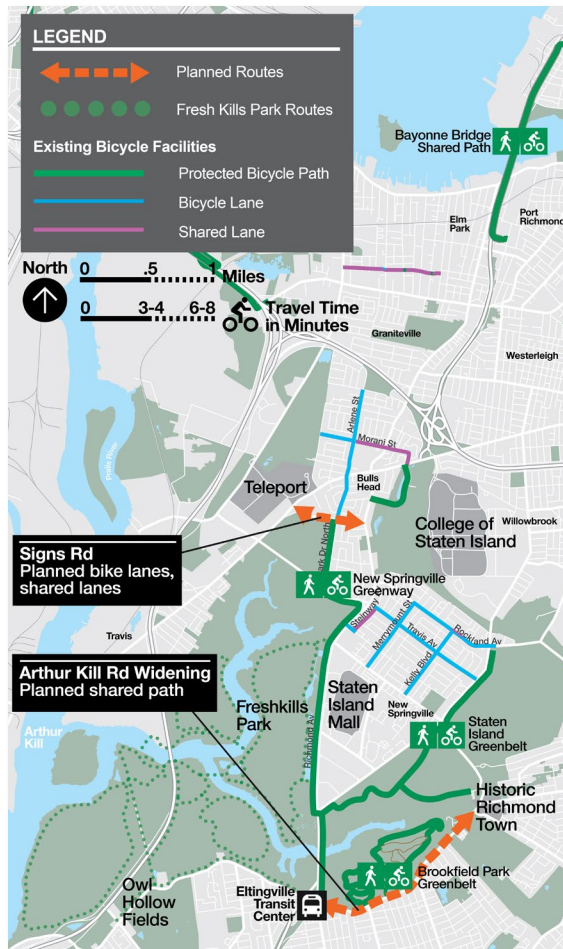
Mid-Island Bike Network

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

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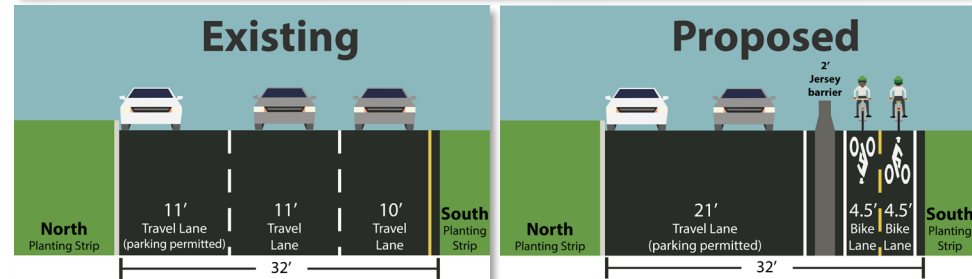
Goethals Road North Forest Ave to South Ave

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



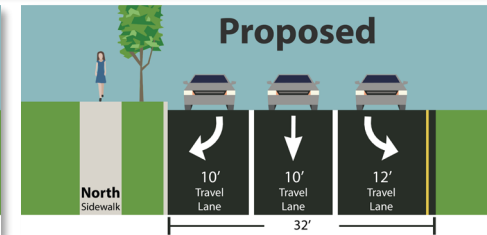
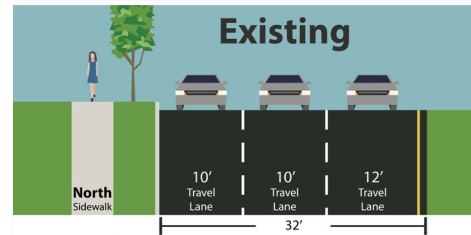
Goethals Road North At South Ave – East Leg

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

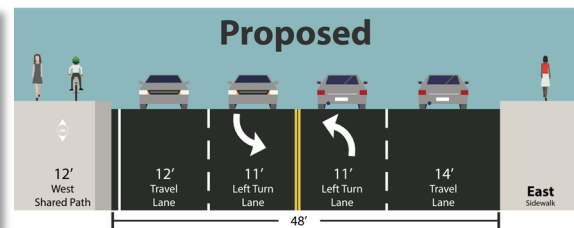
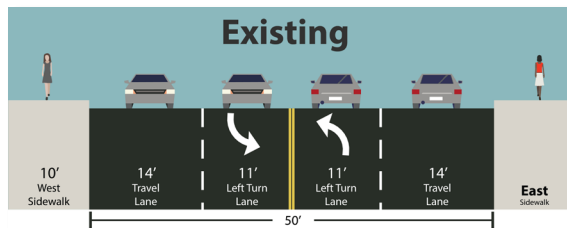
Goethals Rd N to Fahy Ave

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

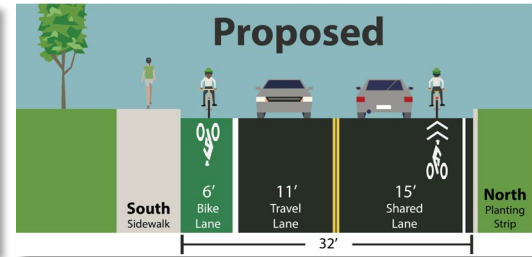
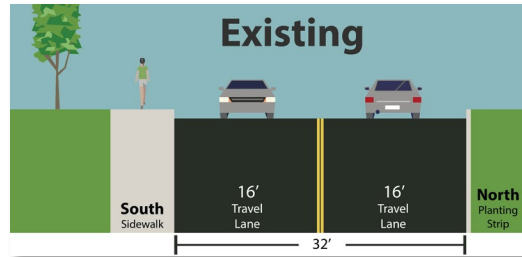
South Ave to Felton St

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

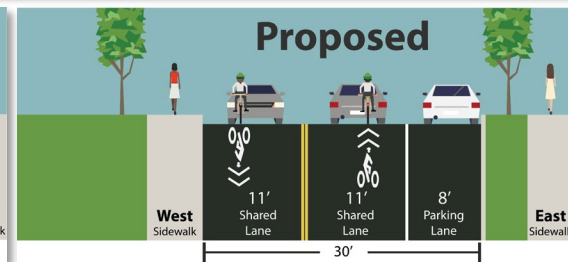
Fahy Ave to Lamberts Ln

Existing Conditions

- Narrow two-way road
- Low traffic volumes

Proposed Changes

- Add shared lane markings in both directions



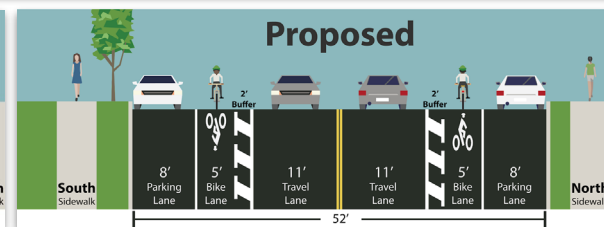
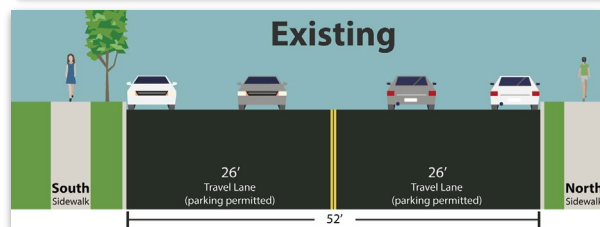
Lamberts Lane Felton St to Arlene St

Existing Conditions

- Wide, two-way street

Proposed Changes

- Add buffered bike lanes in both directions





Summary

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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?



NYCDOT



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