

A blue-tinted photograph of three cyclists riding on a paved path through a wooded area. The cyclist in the foreground is a man wearing a black jersey and a white helmet. Behind him is a woman in a light-colored jacket and a helmet. To the left, another cyclist is partially visible. The background consists of many trees and a path leading into the distance.

NYC Department of Transportation 2022 Bicycle Projects in CB 1

Presentation to Community Board 1

May 17th, 2022

2022 Bike Projects

Connect to Bayonne Bridge

- Mariner's Harbor, Staten Island to Bayonne, NJ

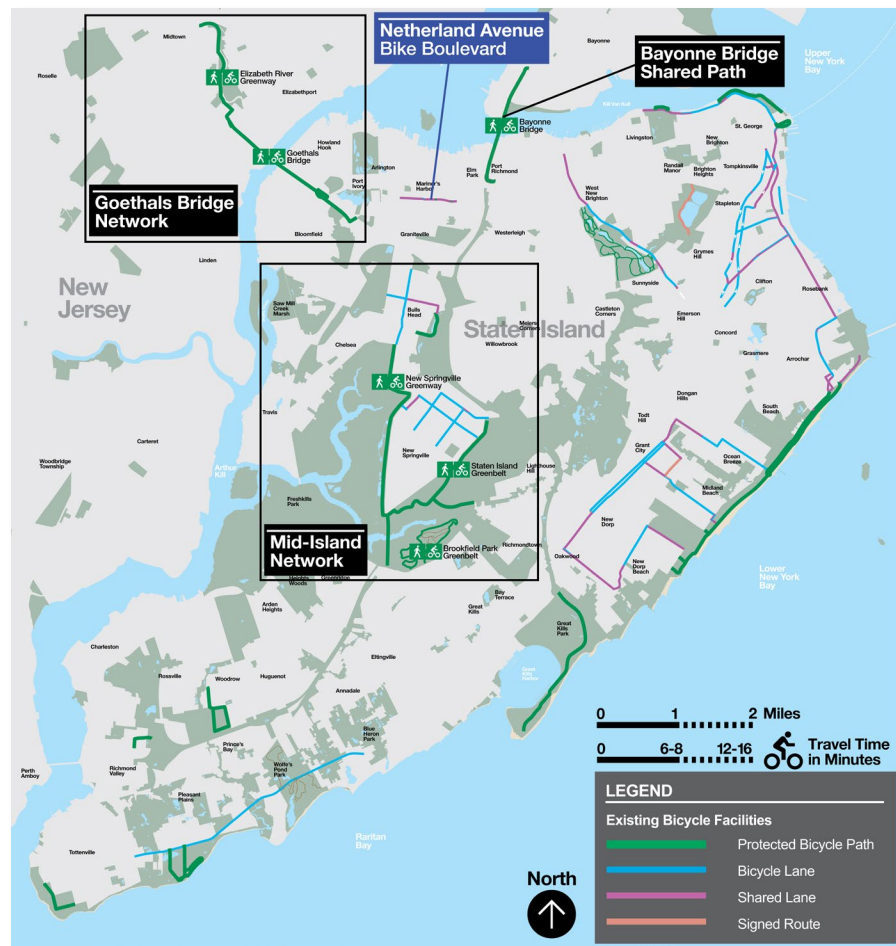
Connect to Goethals Bridge

- New Springville, Staten Island to Elizabeth, NJ



Separated Bike Networks and Routes

- **Bayonne Bridge Shared Path**
2019
- **Netherland Avenue Bike Boulevard**
2021
- **Goethals Bridge Route**
2018-2020
- **Mid-Island Network**
2012-2021



Bayonne Bridge Netherland Avenue

Bayonne Bridge

- Crosses Kill Van Kull
- Free vs. \$16 or more for other vehicles
- W 8 St Hudson Bergen County Light Rail Station

Netherland Avenue

- East-west route through Mariner's Harbor
- Bike Boulevard



Goethals Bridge Route

Elizabeth River Parkway

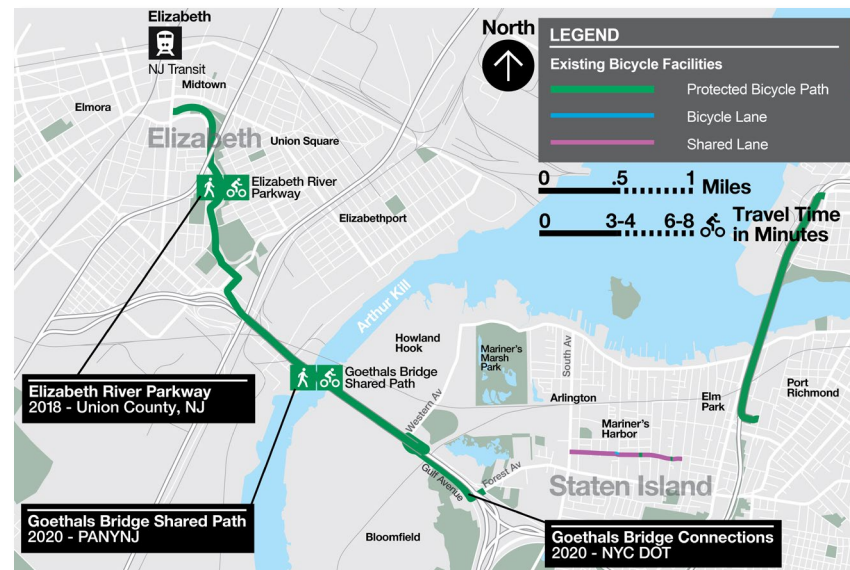
- Midtown Elizabeth
- Elizabeth Station – NJ Transit

Goethals Bridge Shared Path

- Arthur Kill Crossing
- Free vs. \$16 or more for other vehicles

Goethals Bridge Connections

- Link to Goethals Rd N at Forest Av



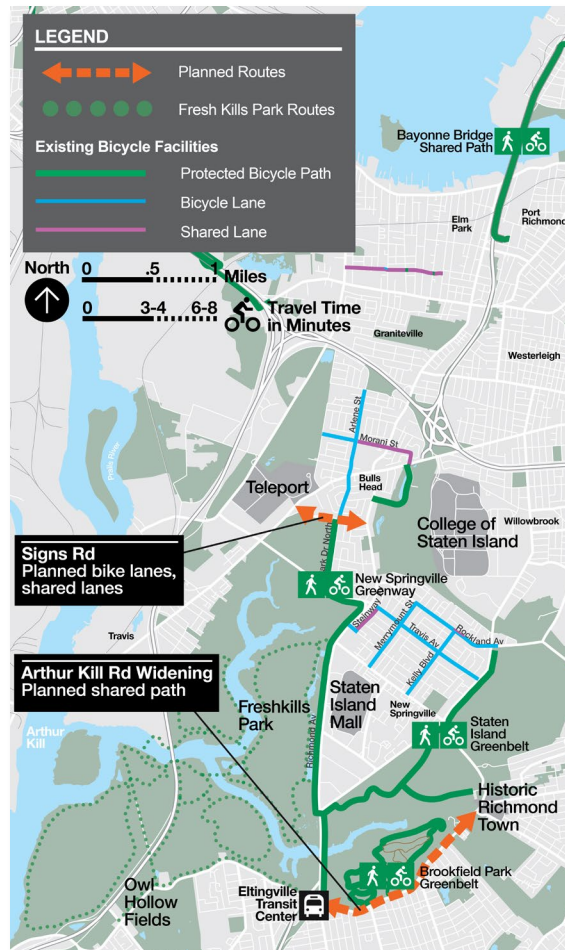
Mid-Island Bike Network

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



Connect the Existing Bike Routes and Networks

Bayonne Bridge Connections

- Connect a transit desert to HBLR station and neighboring community

Goethals Bridge Connections Phase 2

- Create route between NJ Transit, Elizabeth, NJ and Staten Island's recreational and commercial core



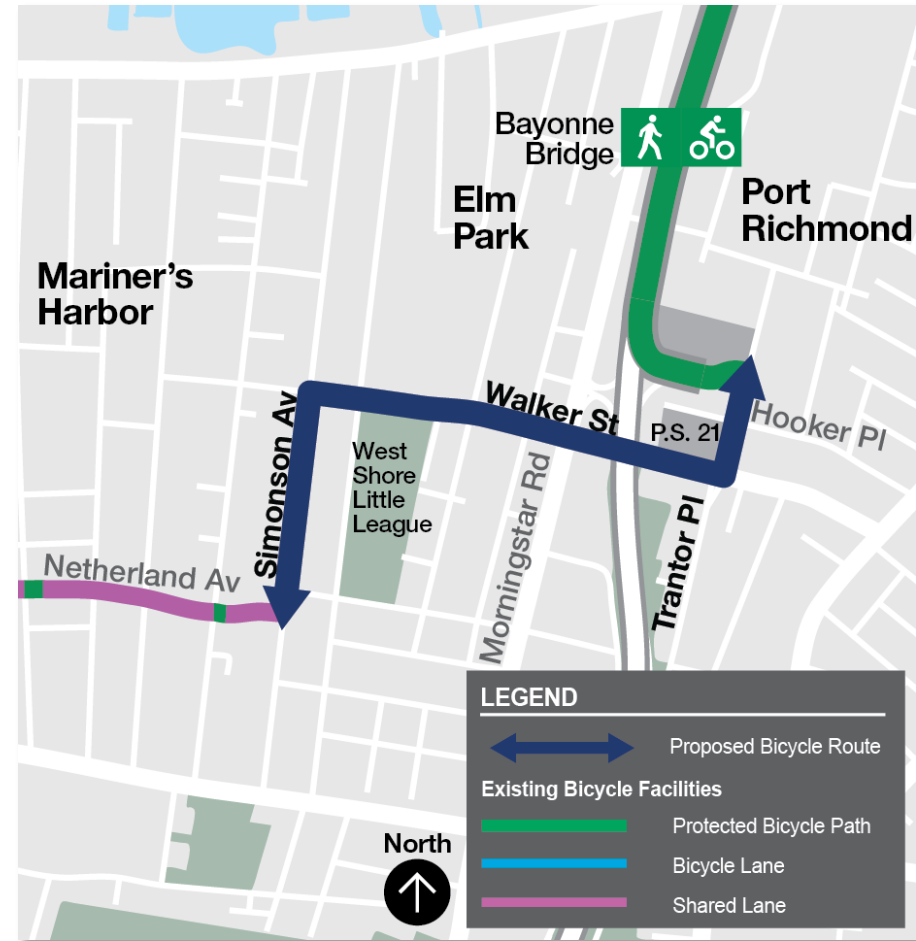


Bayonne Bridge Connections

1

Bayonne Bridge Connections

- Improve the safest, most direct route between Netherland Av and the Bayonne Bridge
 - Simonson Av, Netherland Av to Walker St
 - Walker St, Simonson Av to Trantor Pl
 - Trantor Pl, Walker St to Bayonne Bridge
- Improve safety in the vicinity of P.S. 21



Simonson Avenue

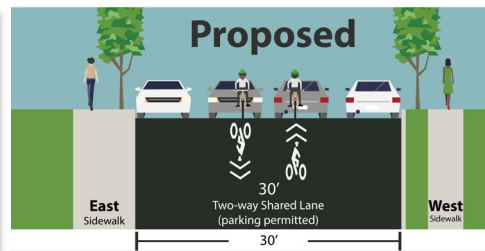
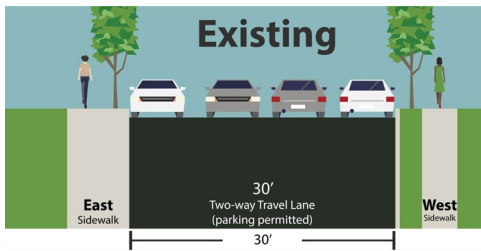
Netherland Ave to Walker St

Existing Conditions

- Narrow two-way street, creates traffic calmed environment

Proposed Change

- Add sharrows in each direction



Walker Street

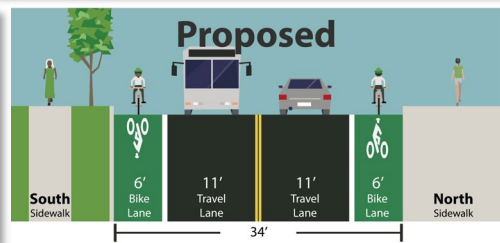
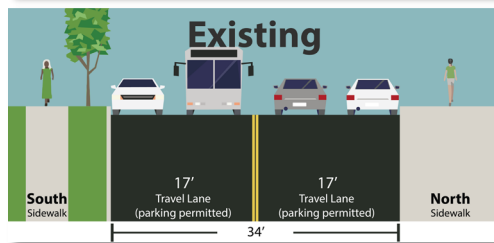
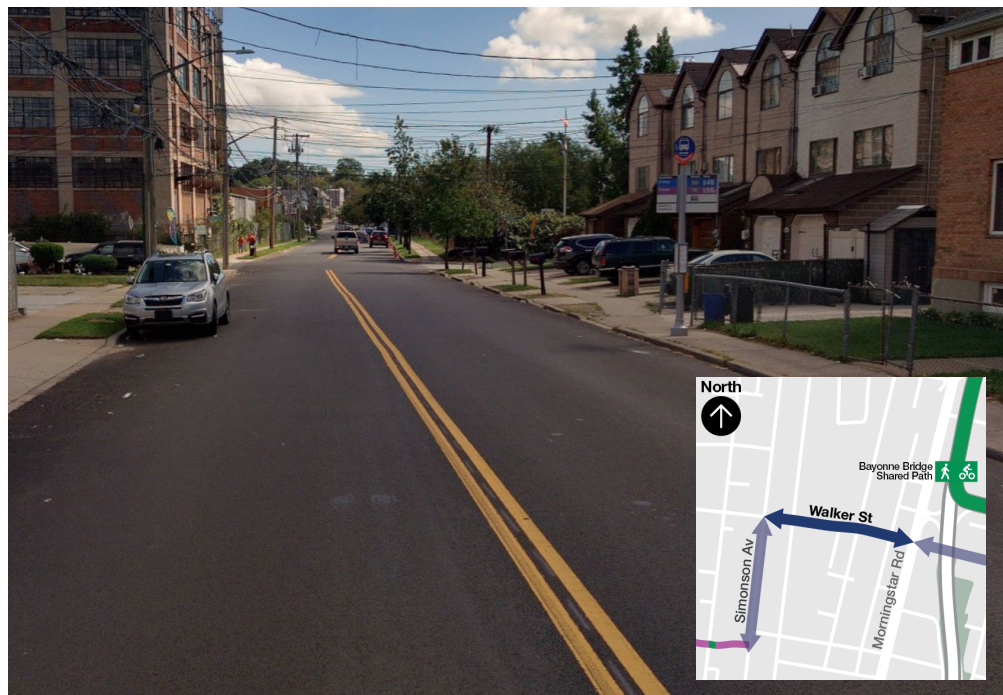
Simonson Ave to Morningstar Rd

Existing Conditions

- Narrow two-way road
- Parking permitted, but underutilized

Proposed Changes

- Repurpose parking space for curbside bike lanes in both directions
 - Side streets and driveways would absorb parking loss



Walker Street

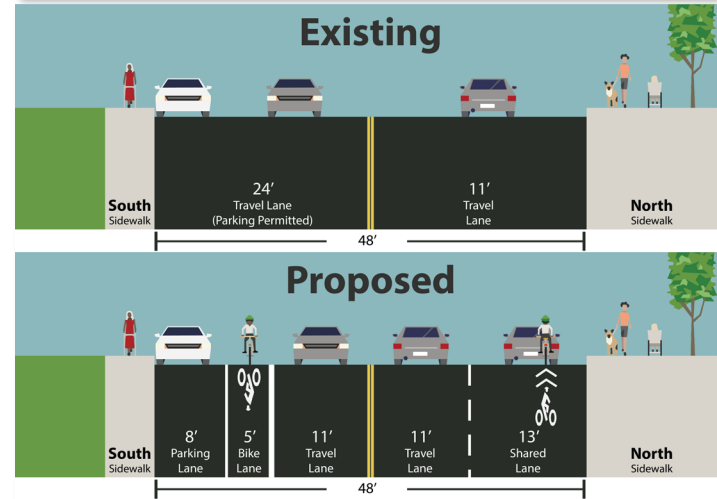
Morningstar Rd to Trantor Pl

Existing Conditions

- One travel lane in each direction
- Long westbound traffic queues from Morningstar Rd traffic light

Proposed Changes

- Add eastbound bike lane
- Add additional westbound travel lane
- Add westbound shared lanes



Trantor Place

Walker St to Bayonne Bridge

Existing Conditions

- Two-travel lanes in both directions, between Walker St and Hooker Pl
- School at the corner of Walker St

Proposed Changes

- Remove one-travel lane in each direction
- Add two-way parking protected bike lane along west curb
- Add parking along median and modify curb regulations to help with school drop-offs/pick-ups



The background image shows the Goethals Bridge with a blue overlay. It features a multi-lane highway with an Amazon truck, a dedicated bike lane with several cyclists, and bridge infrastructure like overpasses and railings.

Goethals Bridge Connections Phase 2

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Goethals Bridge Connections – Phase 2

- Create the shortest/most direct bike route between the two networks
 - Goethals Rd N, Forest Av to South Av
 - South Av, Goethals Rd N to Fahy Av
 - Fahy Av, South Av to Felton St
 - Felton St, Fahy Av to Lamberts Ln
 - Lamberts Ln, Felton St to Arlene St
- Provide additional traffic capacity
 - Goethals Rd N approaching South Av



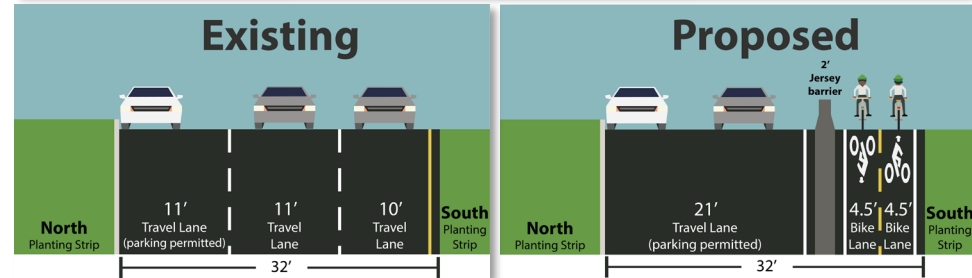
Goethals Road North Forest Ave to South Ave

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



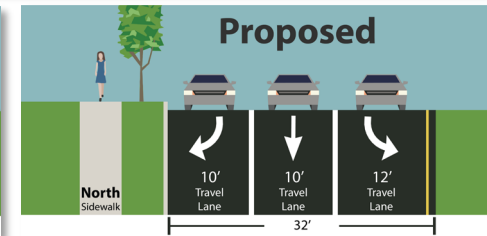
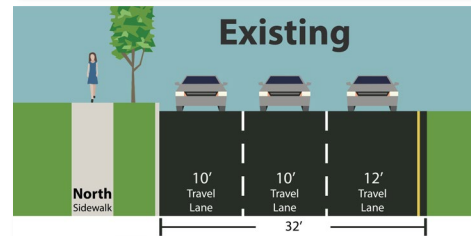
Goethals Road North At South Avenue – East Leg

Existing Conditions

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

Proposed Changes

- Mark turn lanes
- Remove 6 parking spaces to extend right-turn lane



South Avenue

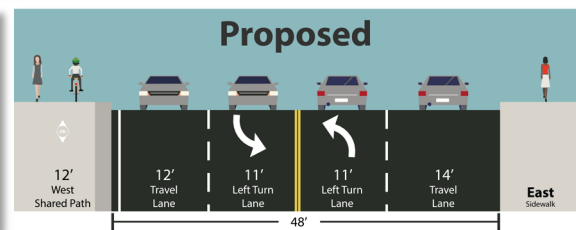
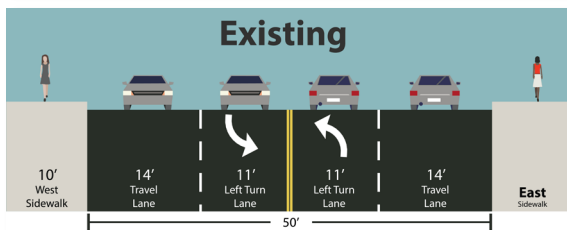
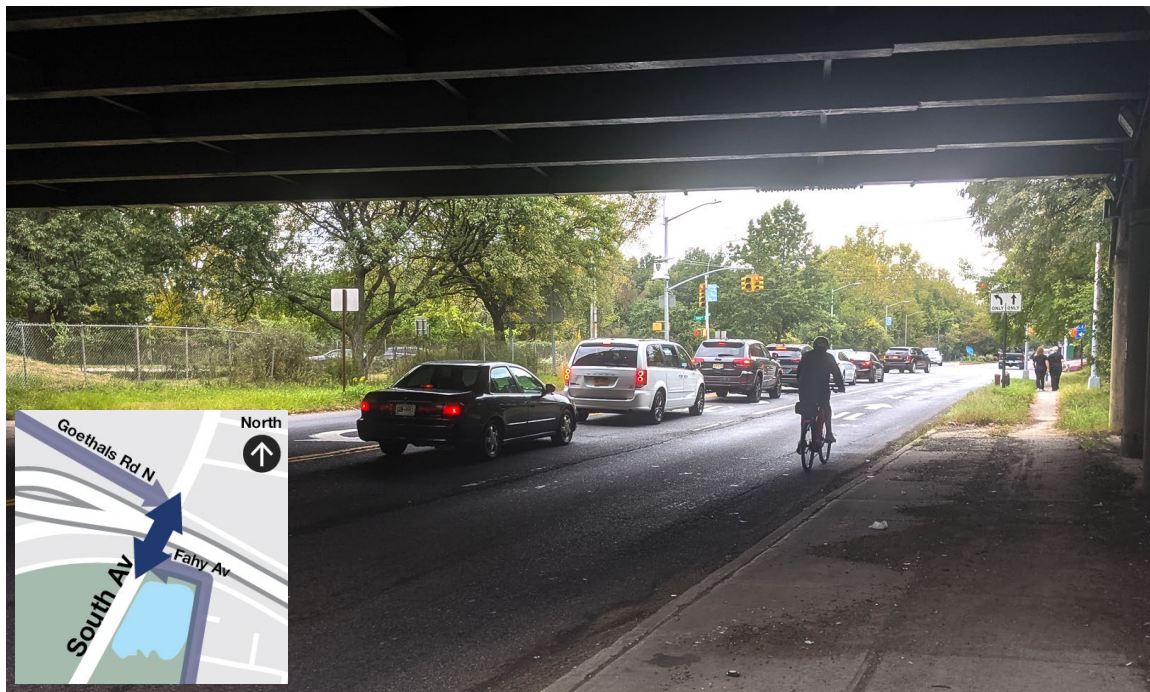
Goethals Rd N to Fahy Av

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

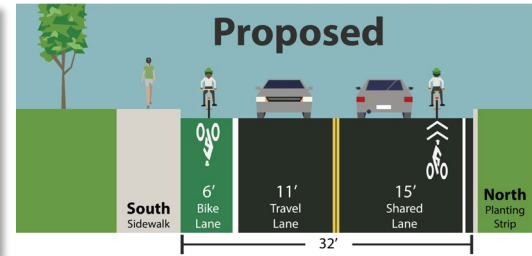
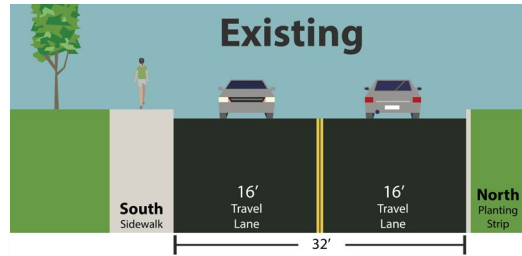
South Ave to Felton St

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



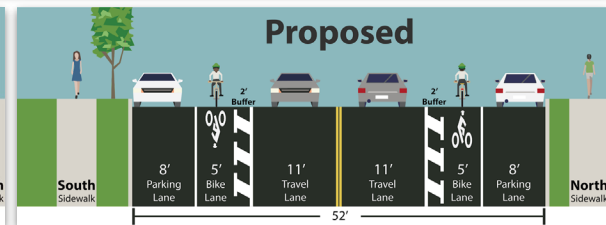
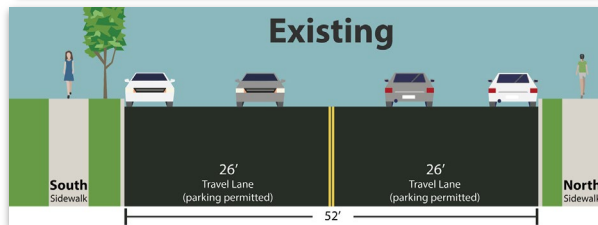
Lamberts Lane Felton St to Arlene St

Existing Conditions

- Wide, two-way street

Proposed Changes

- Add buffered bike lanes in both directions





Summary

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2022 Bike Projects

- Bike routes that create opportunities for:
 - Recreational
 - Commuting
 - Tourism
- Improved traffic capacity for new retail developments
- Safer crossings for school



Thank You!

Questions?



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