



Goethals Bridge Connections

Presentation to Staten Island Community Board 1
September 17th, 2019

New Goethals Bridge

- Upgraded the connection between Staten Island and Elizabeth, NJ
- Created a 10' wide bicycle and pedestrian path with sweeping views of the region
- Provided new opportunities for cycling in the region
- Staten Island cycling community requests connections to the bridge



Potential Connections To Surrounding Community And Bicycle Networks

Bicycles Provide An Ideal Solution For Accessing The Bridge

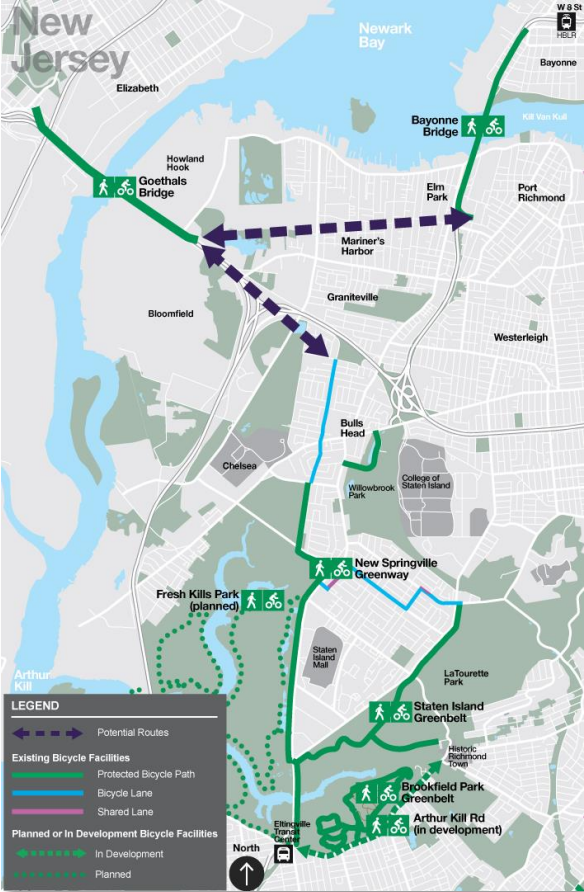
- The bridge is within a 15 minute ride from communities in the northwest corner of Staten Island
- Faster than walking but, unlike motor vehicle traffic, can stop to take in the views
- Offers opportunities for exercise, touring, and commuting

Potential To Link Bayonne Bridge Bicycle And Pedestrian Path

The Bayonne Bridge is a 15 min. ride from the Goethals Bridge and links to the Hudson-Bergen Light Rail on the other side of the bridge

Potential To Link To Large And Growing Mid-Island Bicycle Network

Also a 15 min. ride from the Goethals Bridge, the mid island bicycle network connects to a variety of parks, cultural centers, and natural areas



Bayonne Bridge



New Springville Greenway



Staten Island Greenbelt

First Steps For Making The Connections: Picking The Best Route

Get Cyclists To Goethals Rd N And Forest Av

- Connect them to the local road network
- Create a starting point for future projects

Goethals Rd N Is Not The Best Route

- Heavy truck traffic requires entire roadway because of queues for Howland Hook Terminal and wide turns
- Using the north sidewalk for bikes not possible
- An alternative route is needed



Goethals Bridge Bike/Ped begins on the south side of Goethals Road N





Use Gulf Av To Create A Safe And Comfortable Connection

Gulf Av will make for a slightly longer trip to the bridge for cyclists but will be safer and more comfortable as it:

- Avoids conflicts with heavy truck activity
- Allow for off-street bicycle paths

Use Off-Street Paths

Sidewalks will be improved to accommodate bicycle and pedestrian traffic with:

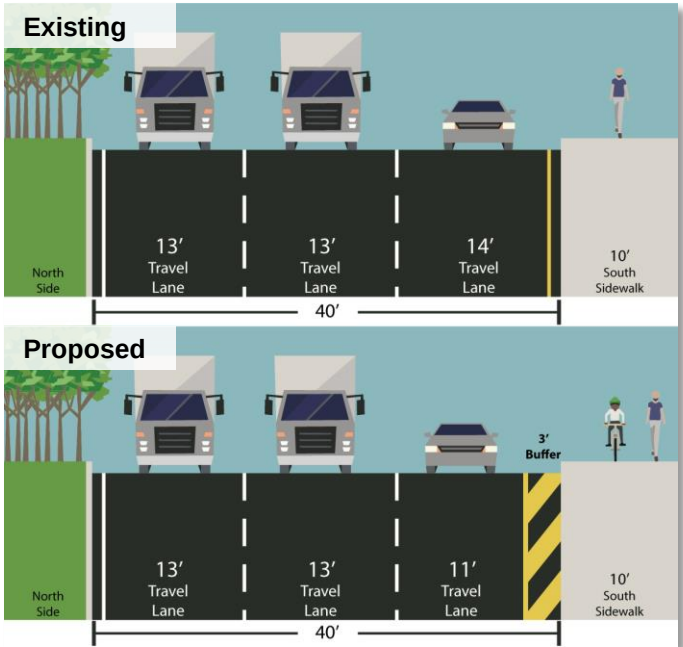
- Guide Signage
- Shared Use Markings
- Bike-friendly ramps at intersections

On-Street Path

Where sidewalks cannot accommodate bicycle traffic, improvements will be made to the road to accommodate cyclists, such as:

- New Markings and Green Bike Paint
- Protection from Vehicle Traffic

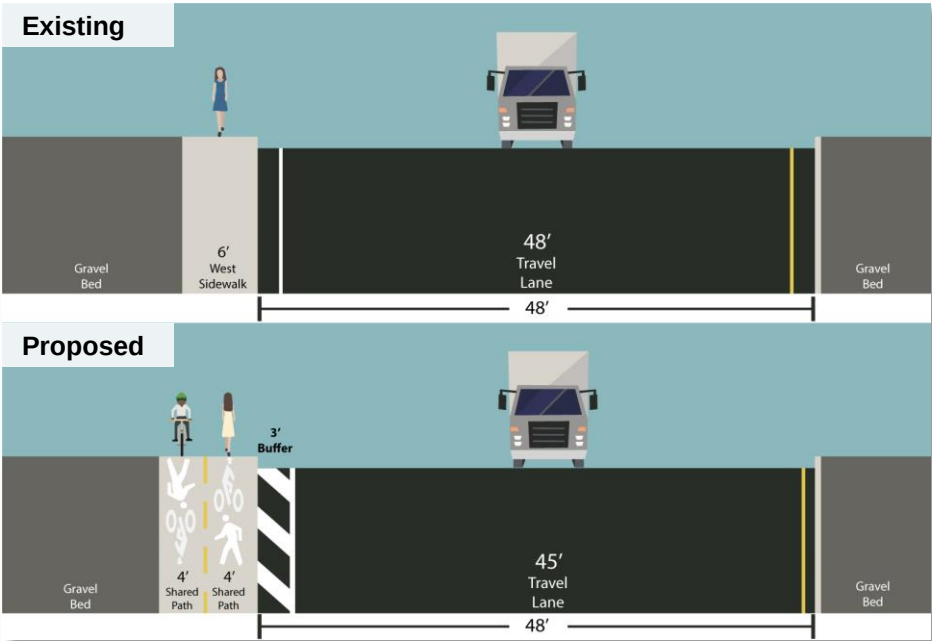
Proposed Changes – Goethals Rd N, Bridge Entrance To Western Av



Existing Sidewalk Will Give Cyclists Access To The Bridge

- Sidewalk is already wide enough to accommodate both cyclists and pedestrians (same width as bridge path)
- Avoids conflicts caused by trucks queues and high speed vehicles during off-hours

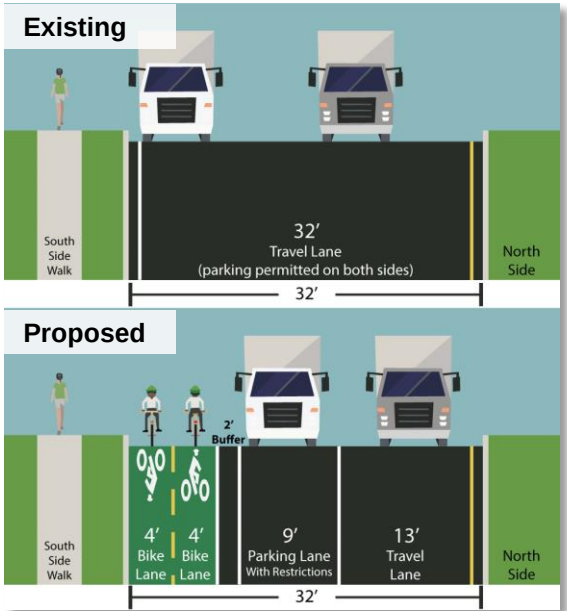
Proposed Changes – Western Av From Goethals Rd N To Gulf Av



Existing Sidewalk Will Be Widened For Cyclists

- Western sidewalk will be widened to accommodate both bicycle and pedestrian traffic
- Channelization will be added along sidewalk and travel lanes will wide enough to accommodate turning trucks through corners and bends

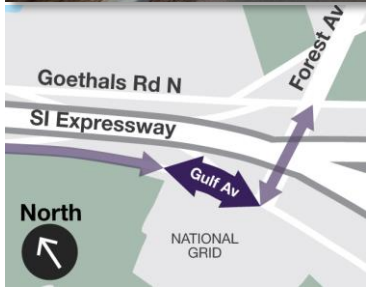
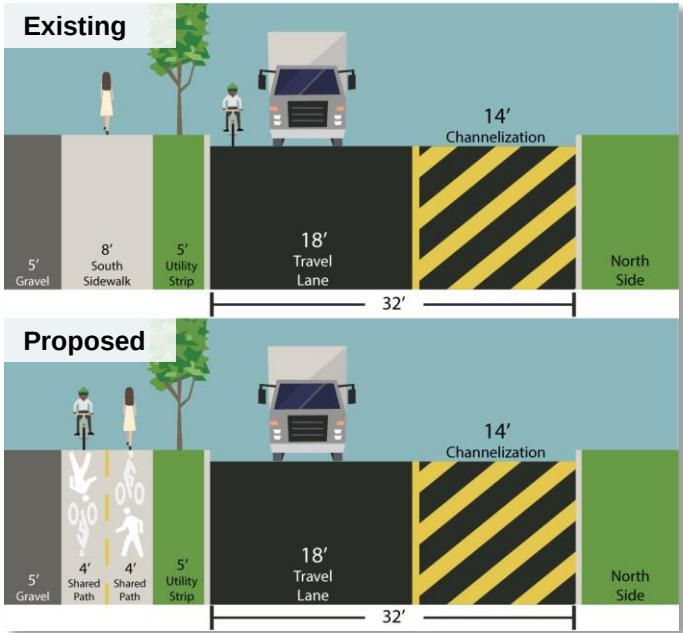
Proposed Changes – Gulf Av From 1st Bend To National Grid West Driveway



Cyclists Moved To Roadbed Where Sidewalk Cannot Be Widened

- Parked vehicles will protect cyclists from motor vehicle traffic
- Parking for local business needs will be kept for daytime operations
- Overnight parking restrictions will allow oversized vehicles to access the bridge from port facility

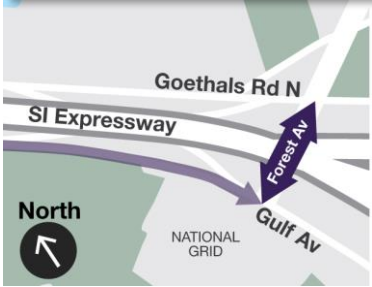
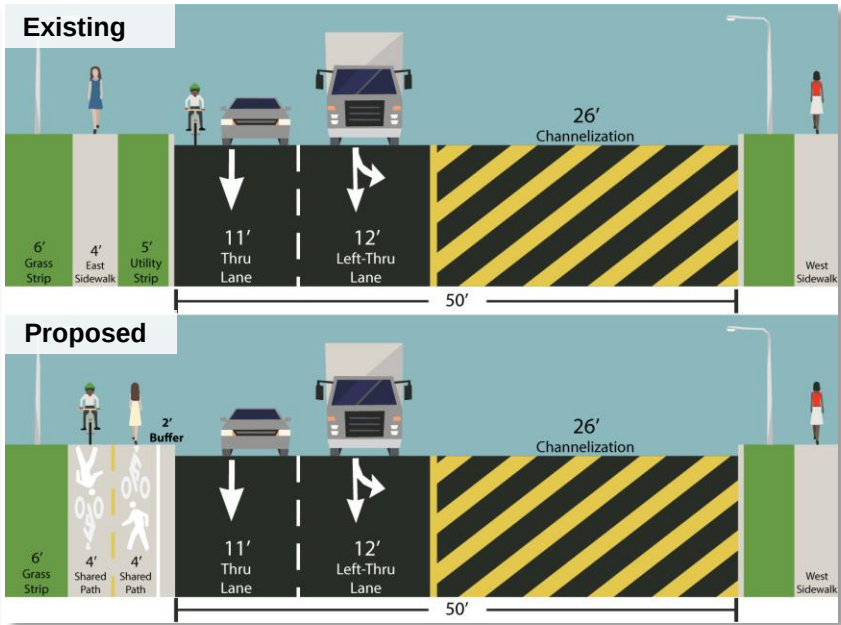
Proposed Changes – Gulf Av From SI Expressway Exit Ramp



Cyclists Move Back To The Sidewalk Before A Busy Intersection

- Sidewalk is already wide enough to accommodate bicycle and pedestrian traffic
- Avoids conflicts with trucks coming off the SIE Exit Ramp at Forest Av

Proposed Changes – Forest Av From Gulf Av To Goethals Rd N



Cyclists Routed Onto The Eastern Sidewalk, Away From Trucks

- Sidewalk is widened into the grass to provide enough room for bicycle and pedestrian traffic
- Keeps road width for wide turning trucks and keeps cyclists out of their path

Goethals Bridge Bicycle Connection

Safer, Comfortable Route To Bridge

- Project will use off-street and protected on-street paths to get cyclists to and from the bridge
- Encourages use of the bridge's bicycle and pedestrian path for tourism, exercise, and commuting

Makes Possible Future Bicycle Connections

Ends where connections can be made to neighboring communities and existing bicycle networks

No Disruption To Existing Vehicle Traffic

No changes to number of travel lanes or turn lanes along the route

Includes Enough Parking For Existing Needs

Repurposes on-street parking along Gulf Av to protect cyclists



THANK YOU!

Questions?



THE PORT AUTHORITY OF NY & NJ



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