



STATEN ISLAND FERRY TERMINAL BICYCLE IMPROVEMENTS

Presentation to Staten Island Community Board 1

April 18th, 2017



Background

1

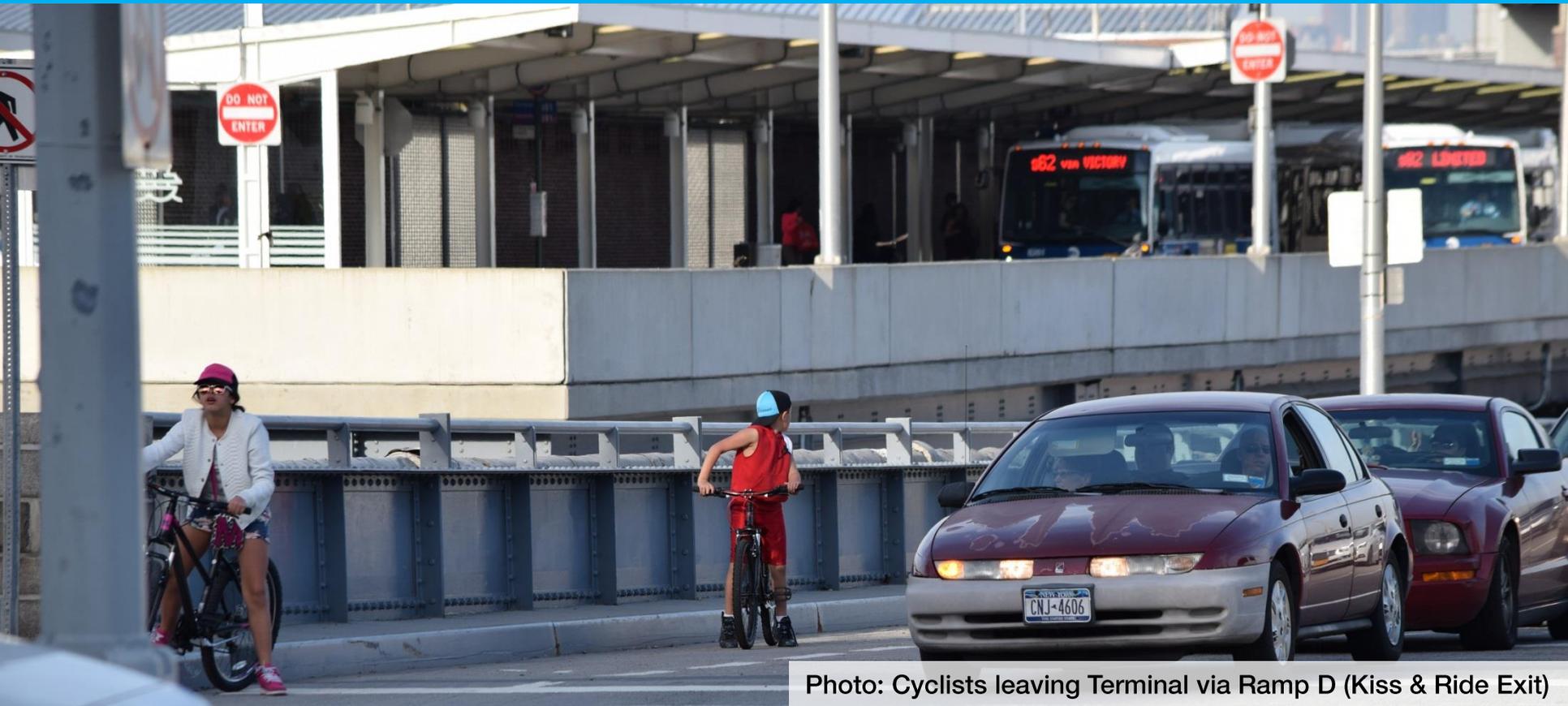


Photo: Cyclists leaving Terminal via Ramp D (Kiss & Ride Exit)

Project Goals

- Create safer access to terminal for cyclists and pedestrians
- Improve bicycle parking and other amenities at ferry terminal
- Improve waiting area conditions for cyclists and commuters with disabilities



Photo: Cyclists entering terminal from Bay St

Project Timeline

Spring 2016

Local cycling advocates request NYC DOT improve cyclists conditions at Staten Island Ferry Terminal

June 2016

NYC DOT conducted walk through of facility with cycling advocates to identify issues

August 2016

Staten Island Ferry Quality of Life Task Force report calls for improvements to terminal cycling facilities

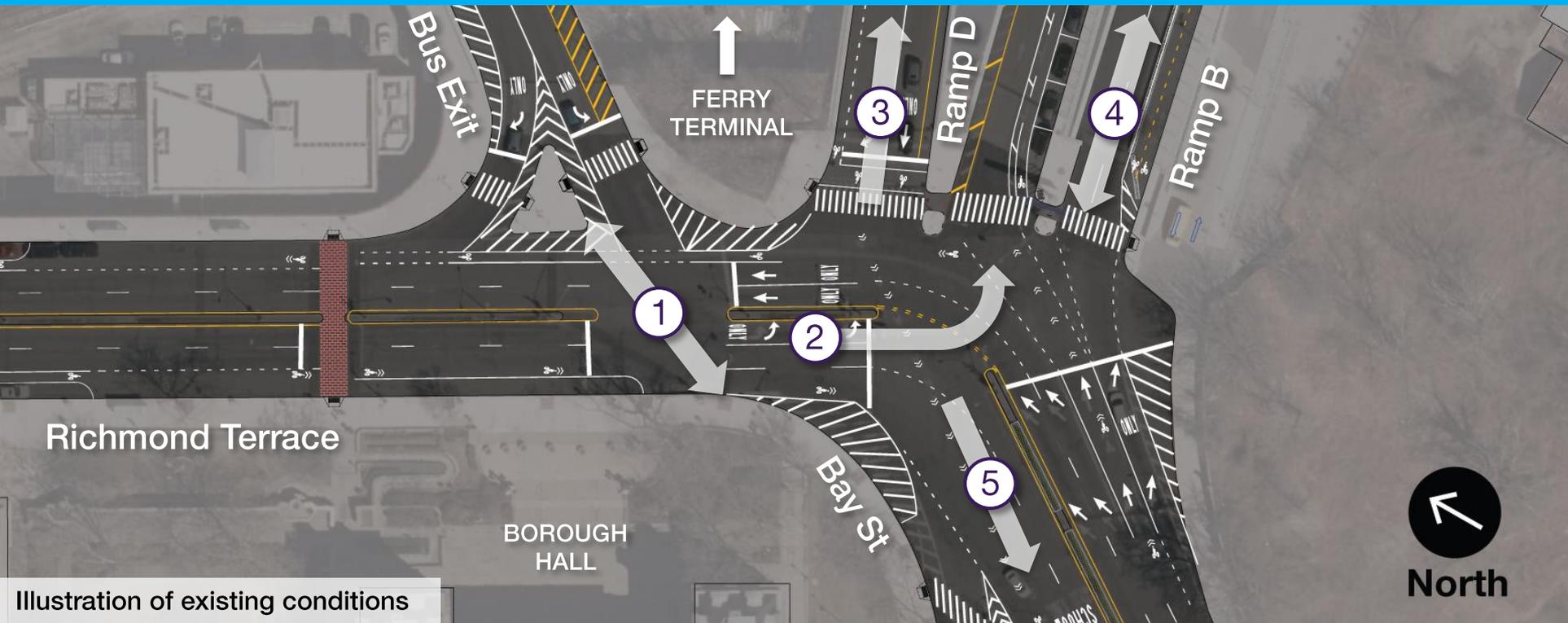


Illustration of existing conditions

Bicycle & Pedestrian Issues Identified

- ① **Richmond Terr/Bay St**
Limited Pedestrian Crossings
- ② **Richmond Terrace**
Difficult for cyclists to enter terminal
- ③ **Ramp D (Exit)**
Cyclists Riding Against Traffic
- ④ **Ramp B (Bus Ramp)**
Bike Lanes Never Opened
- ⑤ **Bay St**
Difficult for cyclists to exit terminal

Proposal

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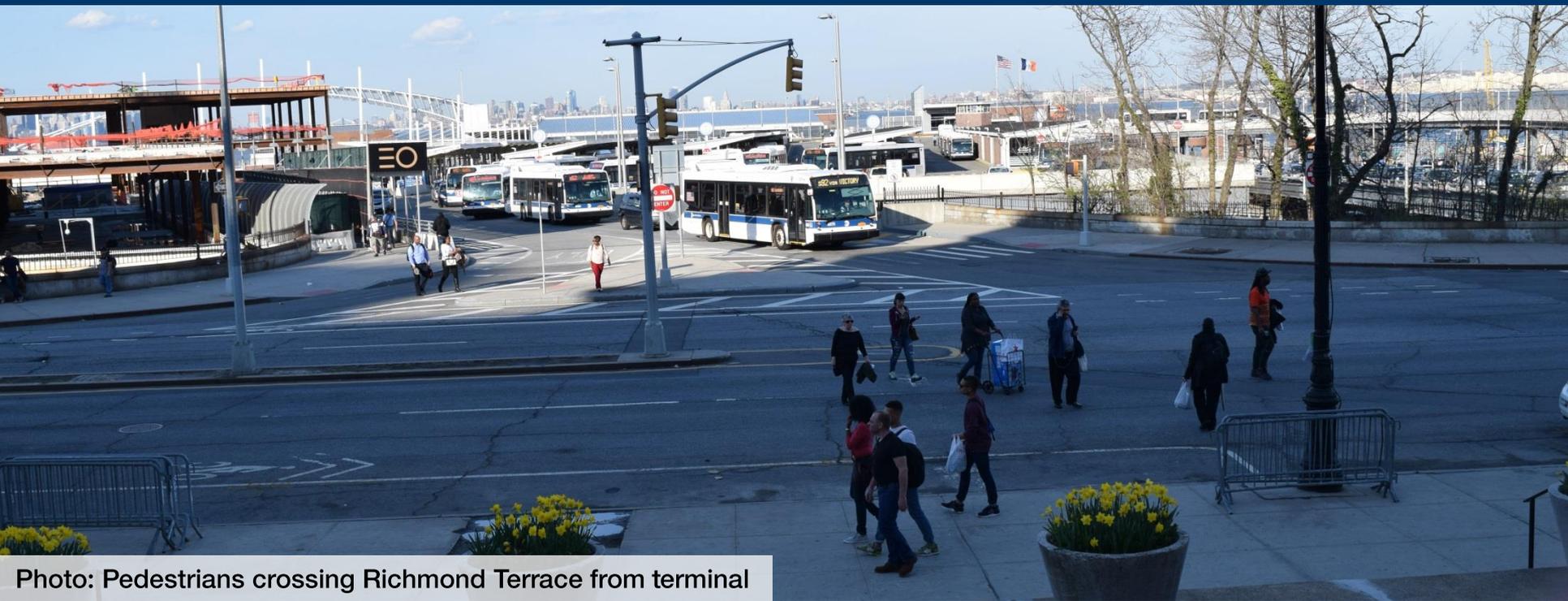


Photo: Pedestrians crossing Richmond Terrace from terminal

Existing Issue

Limited Pedestrian Crossings

- Lack of crosswalks connecting terminal to Bay St
- Long crossing distances through turning traffic
- 26% of pedestrians crossing outside of crosswalk, most heading towards Bay St
- SI Ferry Quality of Life Task Force Report recommended additional crosswalks

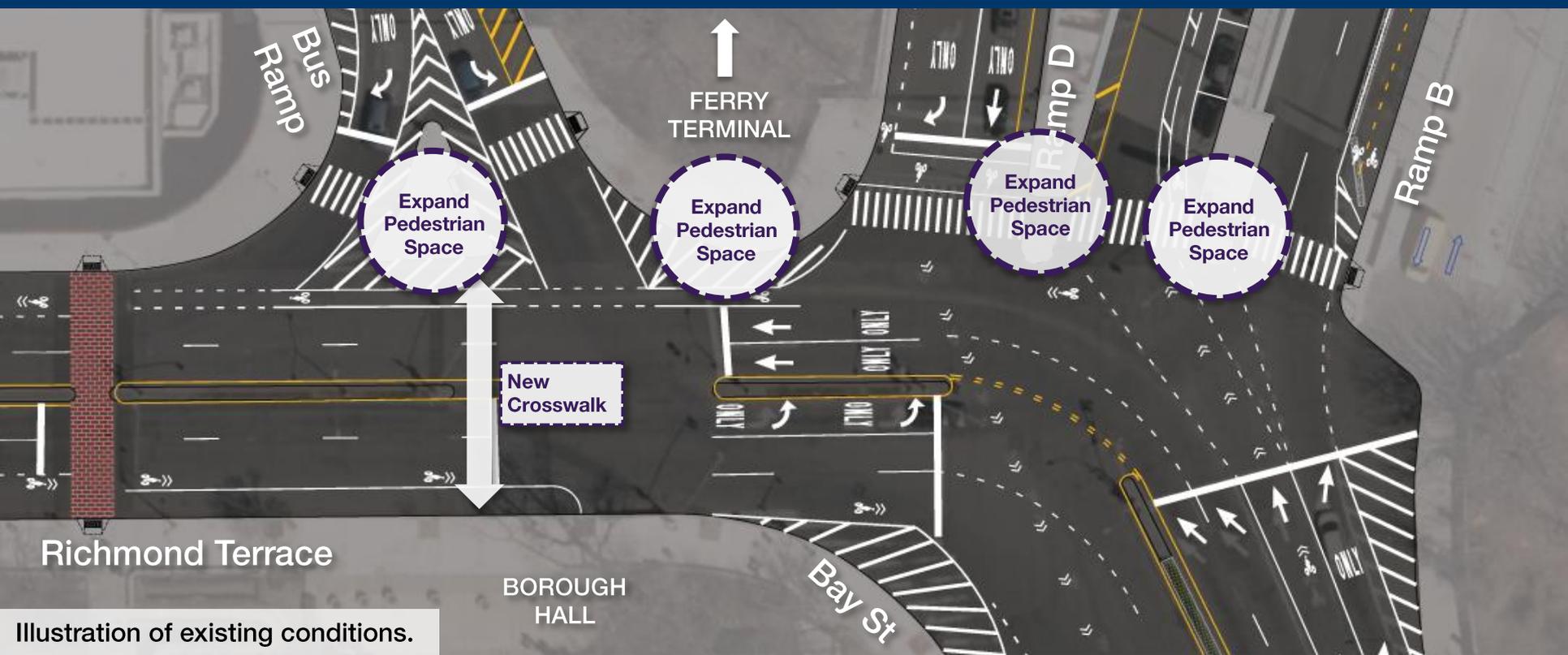


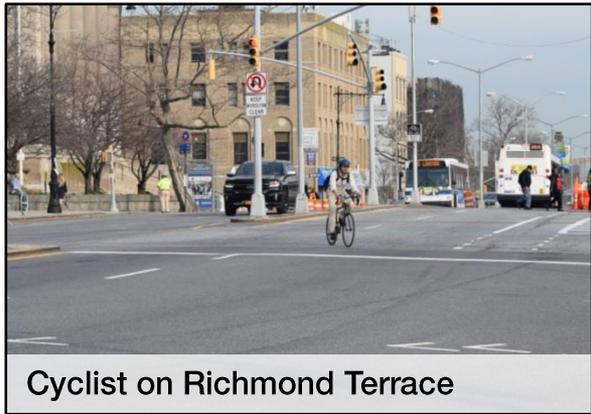
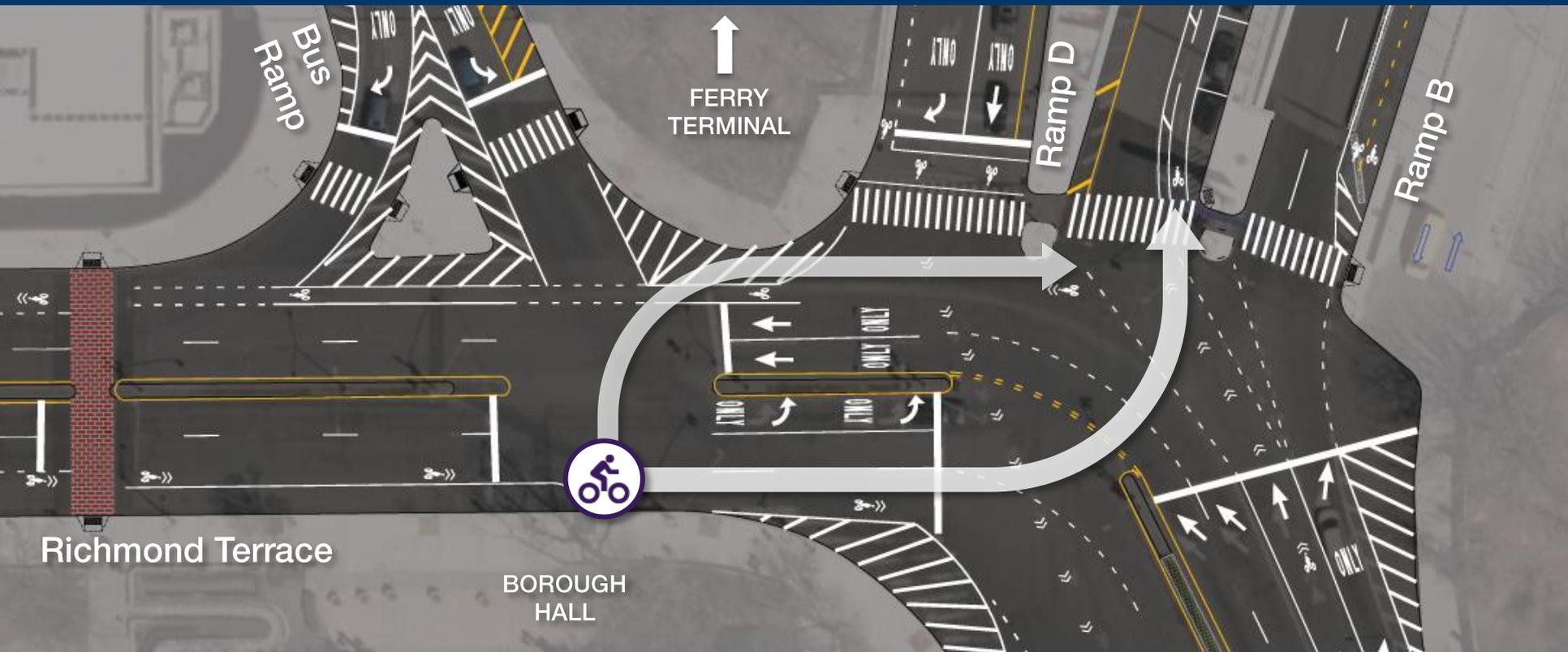
Illustration of existing conditions.



Proposal Improve Pedestrian Crossing

Add Crosswalk
Add new crosswalk for Bay St-bound pedestrian traffic

Expand Pedestrian Space
Add painted pedestrian space to existing ramp crosswalks to shorten crossing distances

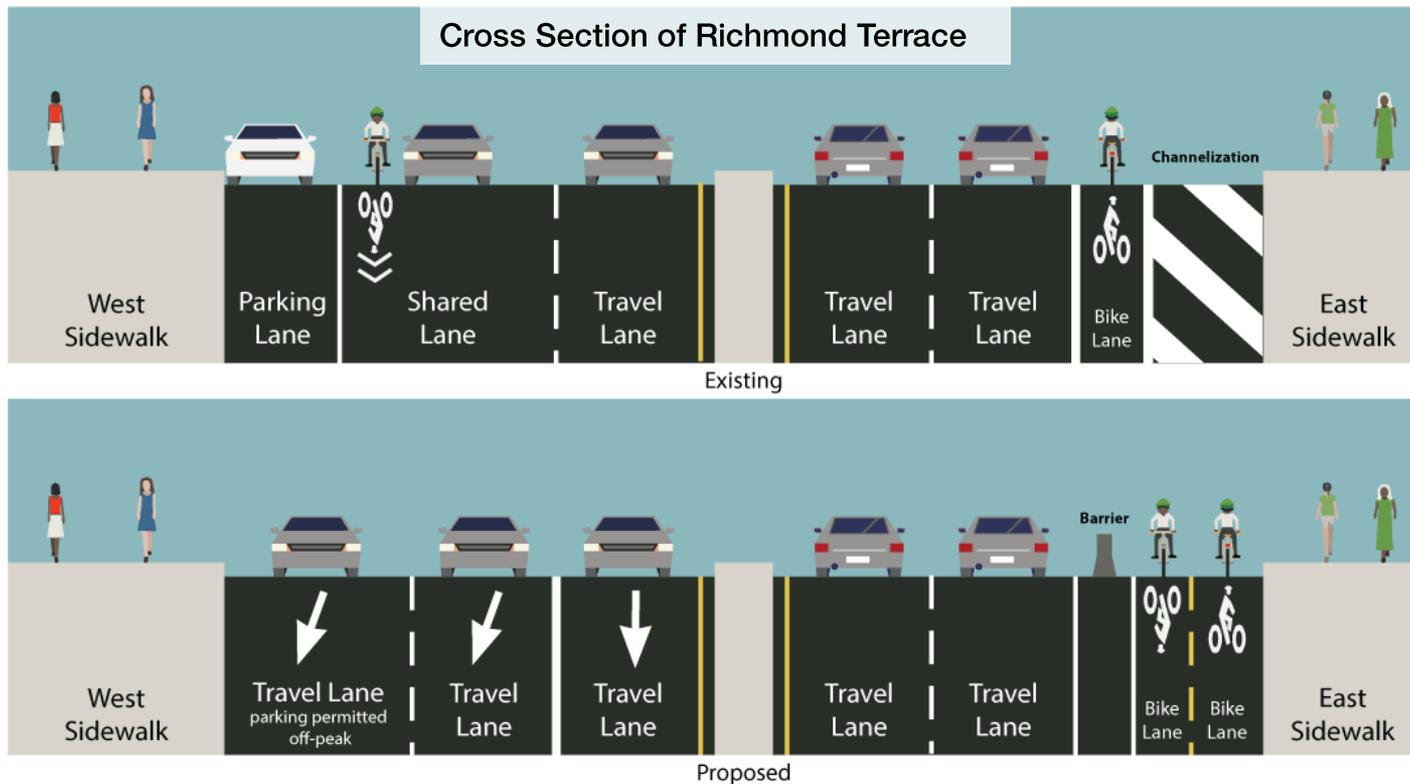


Cyclist on Richmond Terrace

Issue

Cyclists Crossing Richmond Terrace

- Cyclists merge across through traffic to enter terminal
- Some cross earlier to avoid vehicular conflicts, which results in cyclists riding against traffic



Proposal

Richmond Terrace, Bay St to Bus Terminal Exit

Add Bicycle Crossing

- Add dedicated bicycle crossing at bus terminal exit
- Eliminates merging of cyclists and motorists when entering terminal

Add Protected Bicycle Lanes

- Replace existing channelization with barrier protected bicycle lanes
- Guides cyclists to terminal entrances
- Separates bicycle and vehicular traffic

Add 3rd Travel Lane

- Restrict parking/standing along Richmond Terrace west curb during peak traffic volume periods
- Increases capacity through intersection

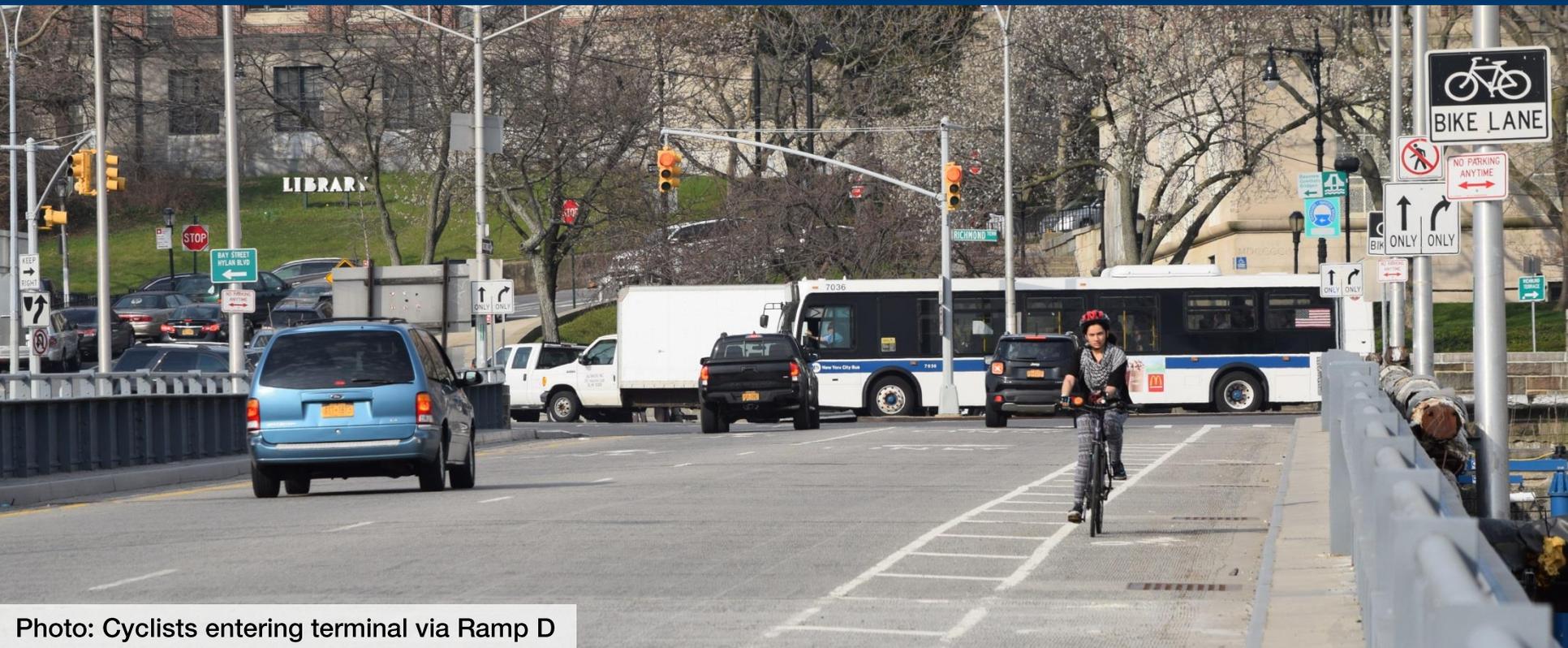


Photo: Cyclists entering terminal via Ramp D

Issue

Cyclists riding against traffic on Ramp D (Kiss & Ride Exit)

- Cyclist supposed to enter terminal from Ramp C, many using Ramp D
- Ramp D is most direct route to bicycle boarding entrance from Richmond Terrace
- Difficulties crossing Richmond Terrace contribute to cyclists entering through Ramp D

Proposal

Ramp D (Kiss & Ride Exit)

Add Two-Way Protected Bicycle Lane

Provides direct access to terminal's bicycle boarding area

Widen buffer, add flexible delineators

Protects cyclists from vehicular traffic exiting terminal

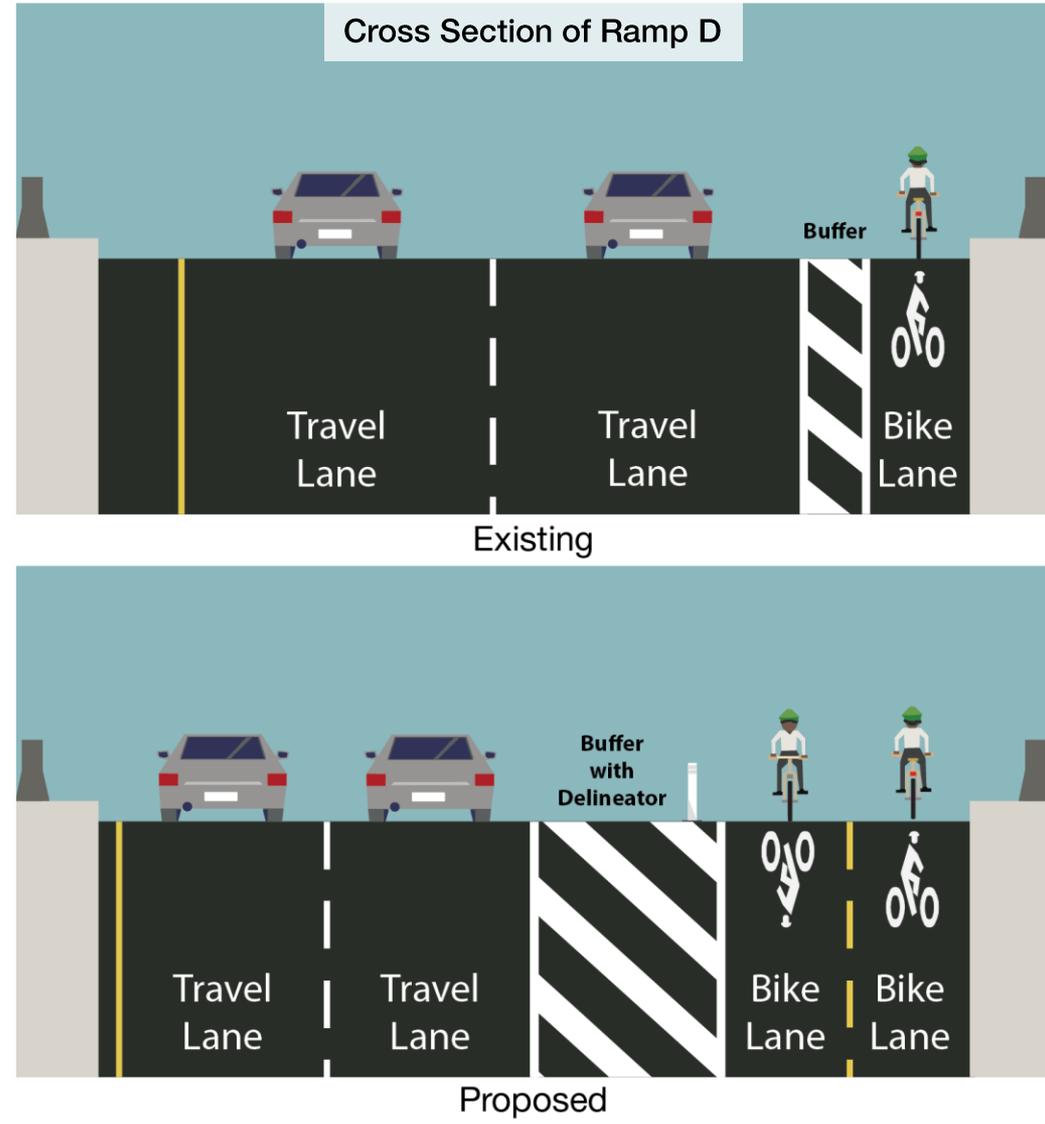




Photo: Closed bicycle lanes on Ramp B

Issue

Ramp B Bicycle Lanes Never Opened

- Barrier blocking bicycle lanes to Ramp B pedestrian entrance
- Advocates requested bicycle lanes be opened
- Safe cycling route from Ramp B needed to open ramp

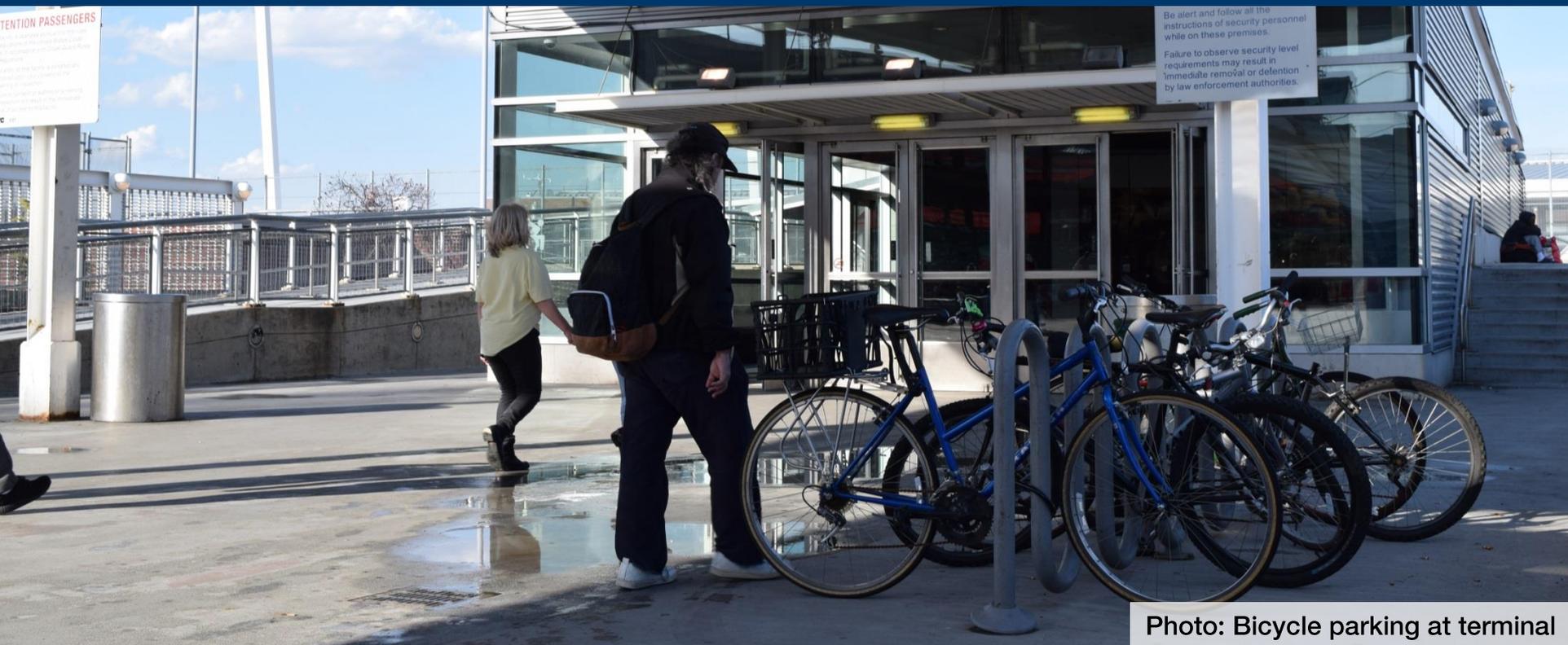


Photo: Bicycle parking at terminal

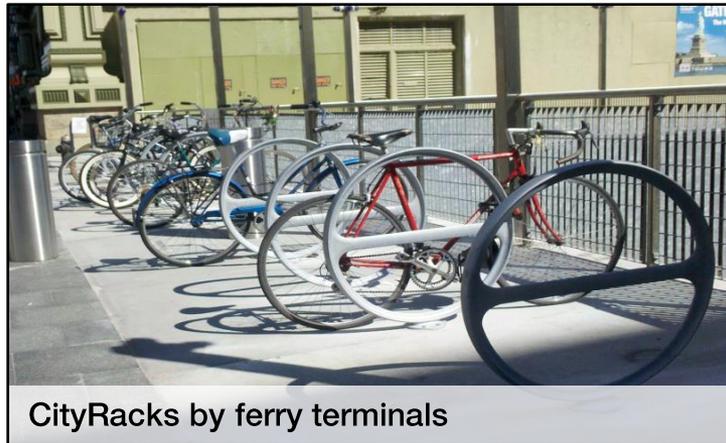
Issue

Lack of Accessible Bicycle Parking

- Bicycle parking is located away from bicycle entrances, difficult to access for cyclists
- SI Ferry Quality of Life Task Force Report requested bicycle racks be located closer to bicycle entrances



Photo: End of Ramp B bicycle path, entrance



CityRacks by ferry terminals

Proposal

Open Ramp B, Improve Bike Parking

- Open existing bicycle path on Ramp B
- Create bicycle parking area by Ramp B entrance
- Add bicycle pump for cyclist's convenience

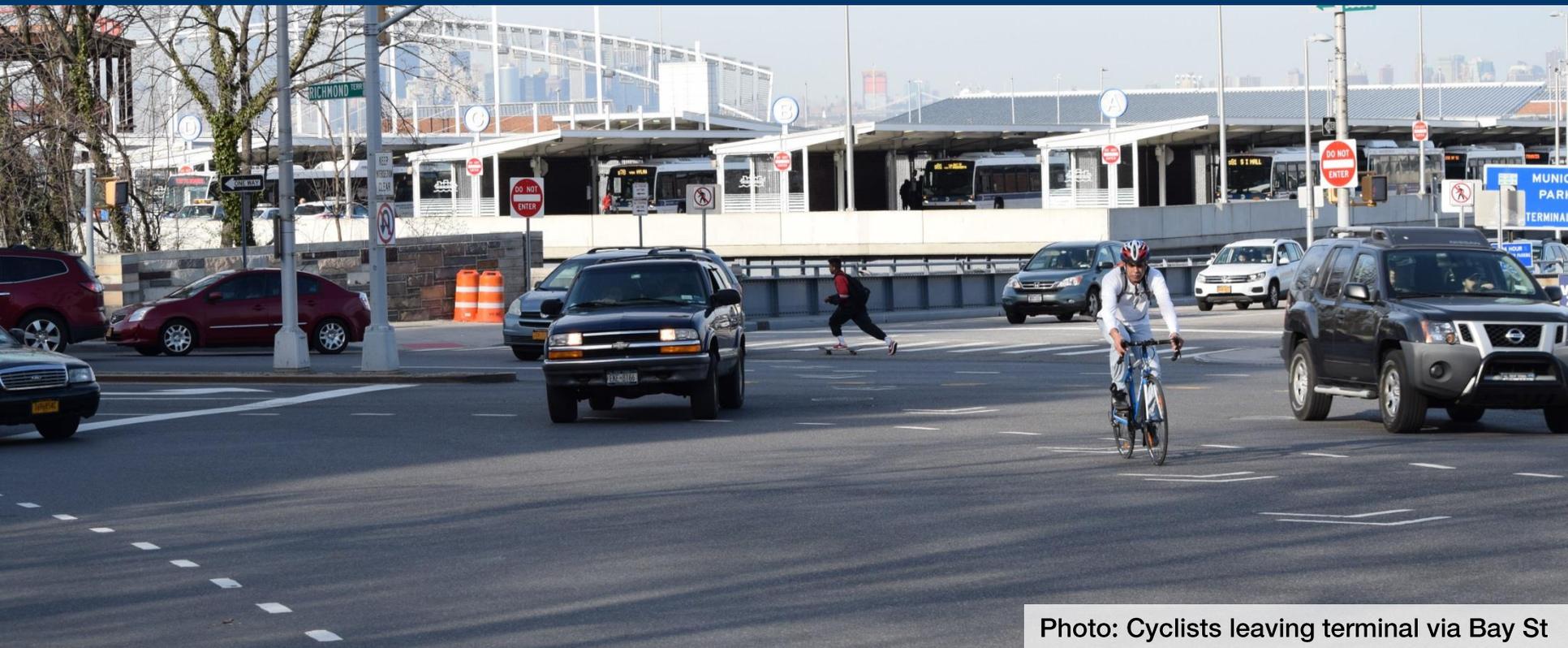
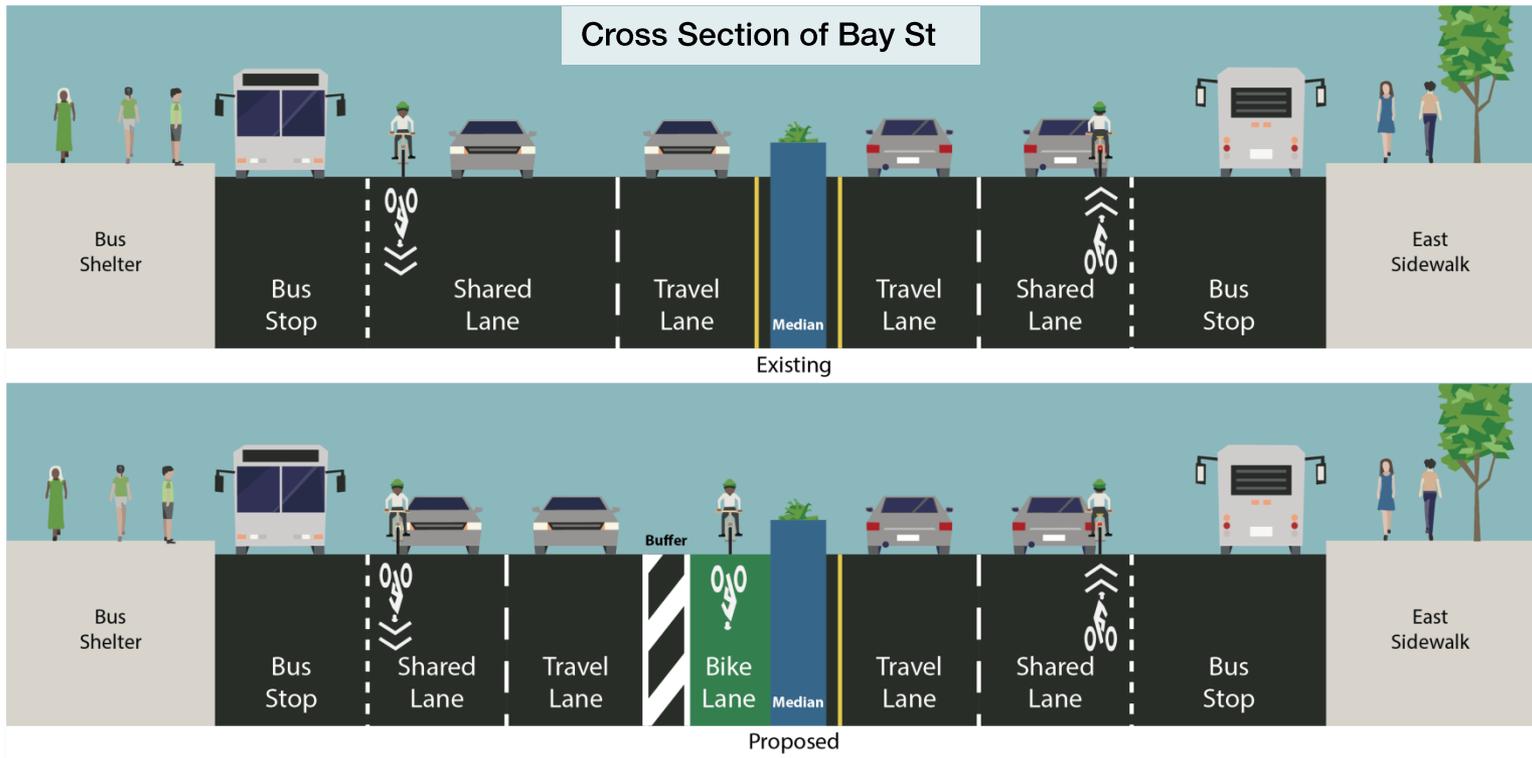


Photo: Cyclists leaving terminal via Bay St

Issue

Exiting Terminal to Bay St

- Cyclists exiting Ramp D (Kiss & Ride Exit) share roadway with motorist
- Conflict exists between cyclist and Richmond Terrace-bound vehicular traffic on Ramp D
- Cyclists must merge between southbound Richmond Terrace traffic and Ramp D traffic



Proposal

Bay St, Richmond Terrace to Stuyvesant Place

Add Buffered Bicycle Lane

- Removes merge conflicts between cyclists and motorists
- Reduces travel lanes to standard width, calming traffic

Add bicycle crossover at Stuyvesant Place Signal

- Allows cyclists to cross from median, to curb side of traffic
- Removes merging conflict between cyclists and motorists



Photo: Bicycle/ADA waiting area

Issue

Bicycle/Disabled Passengers' Waiting Area is Uncomfortable

- Bicycle racks do not allow cyclists to leave their bicycles to use facility
- Seating for disabled passengers is uncomfortable
- SI Ferry Quality of Life Task Force Report recommended improvements



Photo: Bicycle/ADA waiting area

Proposal Improve Bicycle/Disabled Passengers' Waiting Area

Replace Seating

Provide seating that is both aesthetically pleasing and compliant with the Americans with Disabilities Act

Add Bicycle Racks

New bicycle racks allow cyclists to leave their bicycles to use the ferry terminal facilities while waiting

Update Signage

Provide clearer signage and additional cycling info for riders

Summary

3

Project Summary

Project addresses bicyclist concerns while adding additional amenities for other users:

Improved Pedestrian Circulation and Crossings

New crosswalks and expanded pedestrian space improve access and safety

Facilitate Safe Bike Access to Terminal

Creates dedicated crossing points for cyclists and protected path to guide them to terminal

More Direct Access to Bicycle Boarding

New two-way protected bicycle lanes on Ramp D allow for easy access to renovated bicycle boarding area

New Bicycle Parking

Opens Ramp B bicycle lanes to new, larger bicycle parking facilities



Photo: Cyclists leaving Terminal via Ramp D (Kiss & Ride Exit)

THANK YOU!

Questions?



NYCDOT



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NYCDOT