

# Cross Bay Bridge Intersection Safety Improvements Jamaica Bay Greenway Connections



Presentation to Queens Community Board 14  
June 12, 2018



# Overview

1. **Background**
2. **Proposal**
3. **Summary**

# Community Requests for Street Improvements

1. **Signalized pedestrian crossing at Beach Channel Drive and B 94th St**
2. **Address concerns about cut-through traffic across Rockaway Fwy at B 92<sup>nd</sup> St**
3. **Repairs to sidewalks and medians on B 95th St at bridge exit**



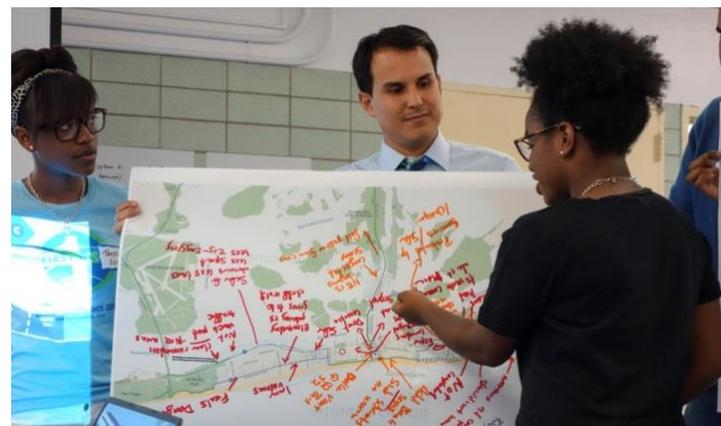
## Project History

### Presentation to Rockaway Civic Association on March 25, 2015

- Concerns about street closure and loss of parking

### Jamaica Bay Greenway Plan – released in 2016

- 16 community planning workshops and events
- 26 projects identified throughout Jamaica Bay
- Workshop participants prioritized Cross Bay Bridge to beach connection



Rockaway & Broad Channel 10.16.14

## Project Overview

1 New traffic signal at Beach Channel Dr and B 94<sup>th</sup> St

2 Concrete repairs at B 95<sup>th</sup> St

3 New Greenway Connection



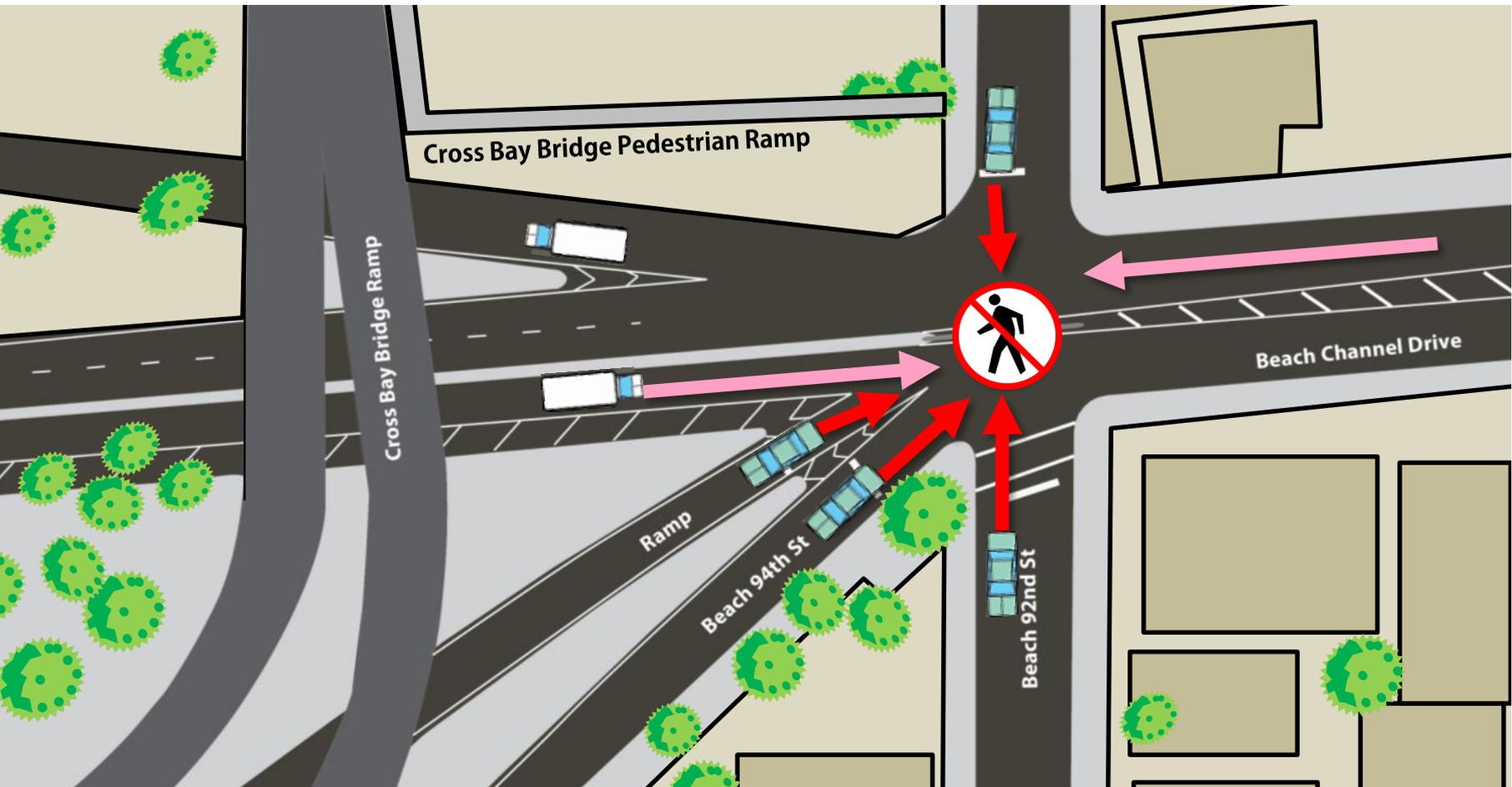
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# Beach Channel Dr and B 94<sup>th</sup> St, B 92<sup>nd</sup> St

## Existing Conditions

- Un-signalized intersection
- Complex merging
- High volume of pedestrians crossing

**Community request:**  
Pedestrian crossing between commercial destinations, parking, Cross Bay Bridge pedestrian path



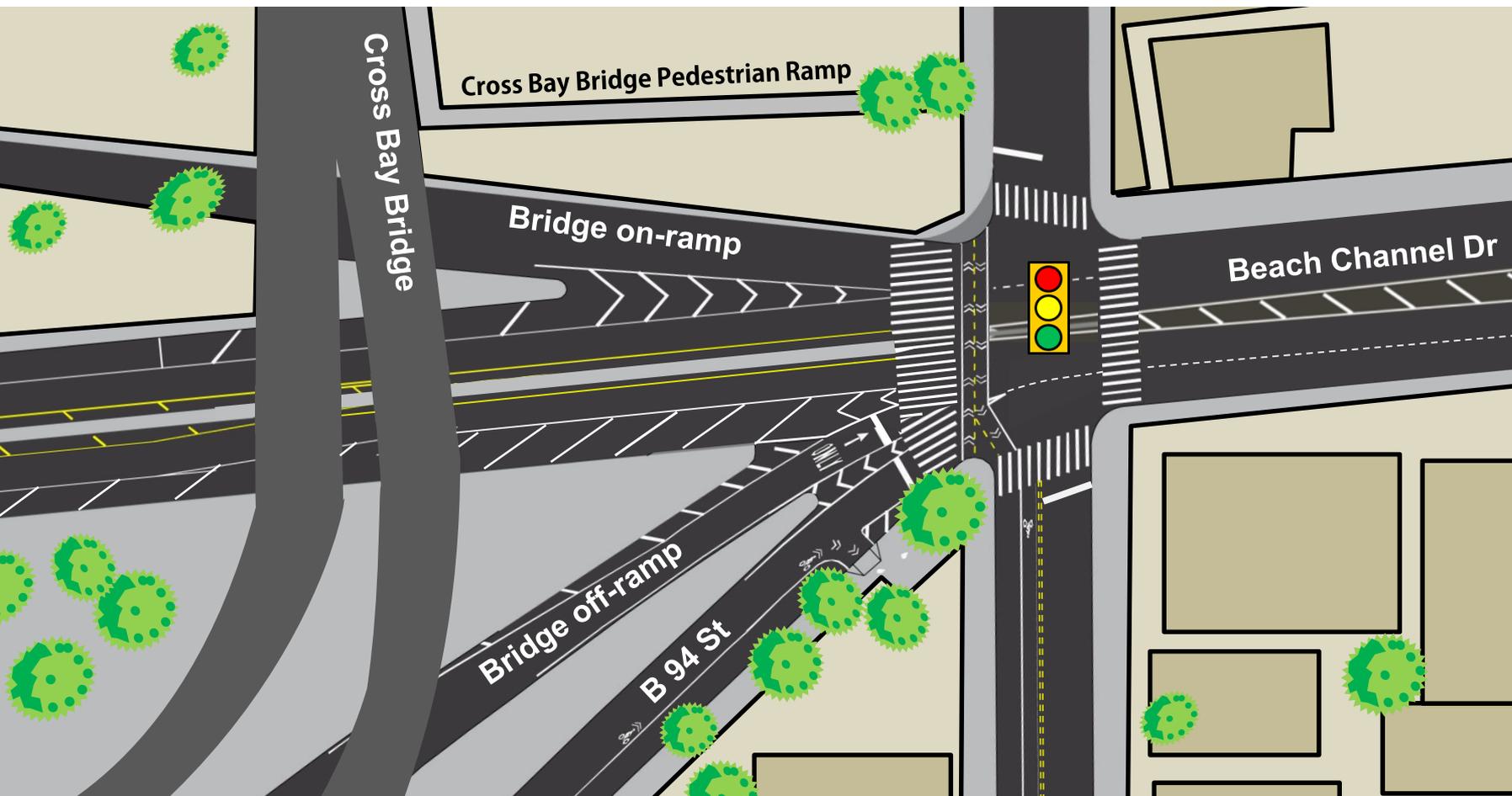
# 1 Beach Channel Dr and B 94<sup>th</sup> St, B 92<sup>nd</sup> St

## Proposed Configuration

- Install new signalized crossing
- Maintain all vehicle access
- Maintain concrete barriers in intersection
- Loss of 1-2 parking spaces

## Benefits

- Adds safe pedestrian and bicycle crossing
- Organizes traffic flow



## 2 Rockaway Freeway and B 95<sup>th</sup> St

### Existing Conditions

- Concrete in need of repair
- Inadequate east-west pedestrian crossings



## 2 Rockaway Freeway and B 95<sup>th</sup> St

### Proposed Changes

- Increase pedestrian space with new concrete curb extensions
- Create new east-west pedestrian crossing



Concrete repairs

Additional pedestrian space

New pedestrian ramps



New east-west crossing

Precedent: George St, Ridgewood, QN

Precedent: Queens Blvd, Rego Park, QN

## Bay to Ocean Bicycle Connection

### Existing Conditions

- No designated route for cyclists between Cross Bay Bridge and Rockaway Boardwalk
- Bridge access point is unclear



Waterfront destinations attract many cyclists and pedestrians

## Bay to Ocean Bicycle Connection

### Proposed

- Create north- and southbound bicycle facilities on B 94 St adjacent to center median connecting cyclists from Cross Bay Bridge to Rockaway Boardwalk

**A** Beach 94<sup>th</sup> St Shorefront Pkwy to Rockaway Freeway

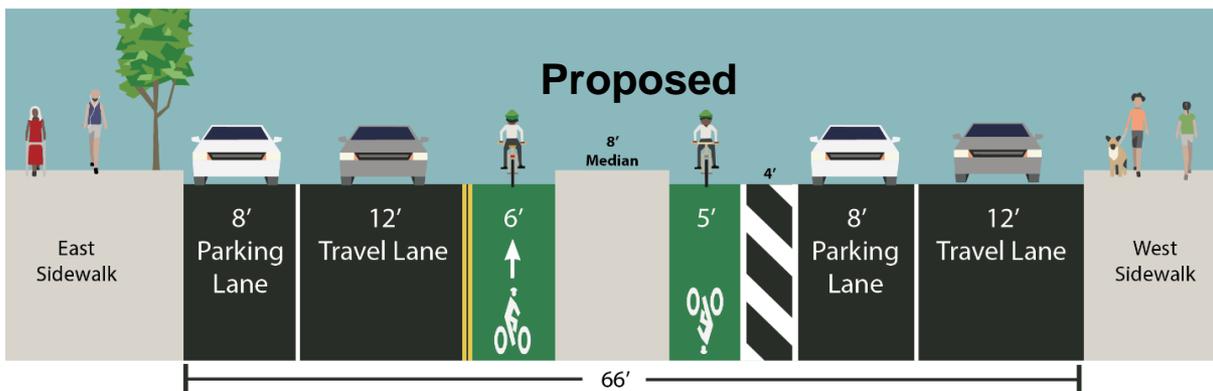
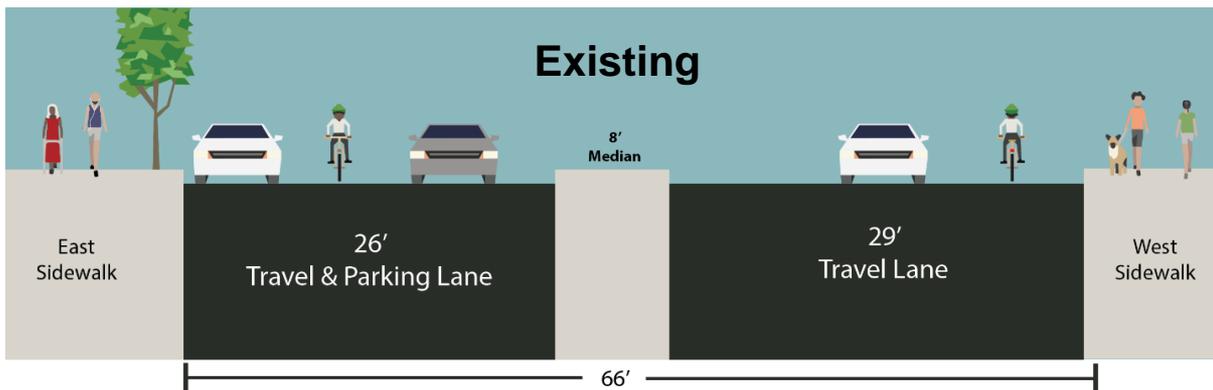
**B** NB Connection to Cross Bay Bridge on B 94<sup>th</sup> St

**C** SB Connection from Cross Bay Bridge on B 92<sup>nd</sup> St and Rockaway Fwy



# Bay to Ocean Bicycle Connection

## A Beach 94<sup>th</sup> St Shorefront Pkwy to Rockaway Freeway (Typical)



**Two-way bike lane along median provides direct connection to Rockaway Beach**

**ADDS PARKING**  
on main line (approx. 38 spaces)

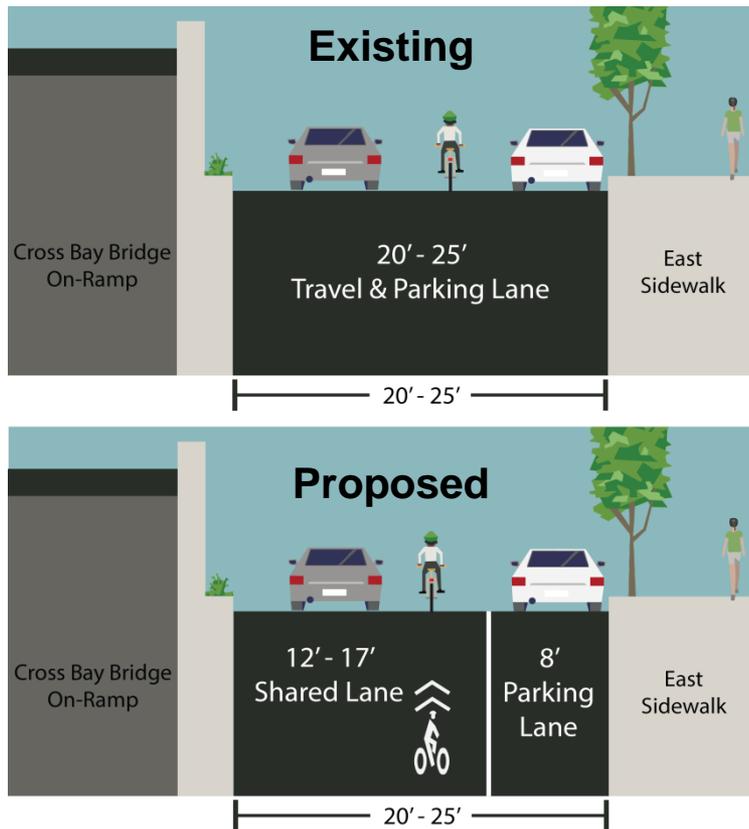


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# Bay to Ocean Bicycle Connection

B

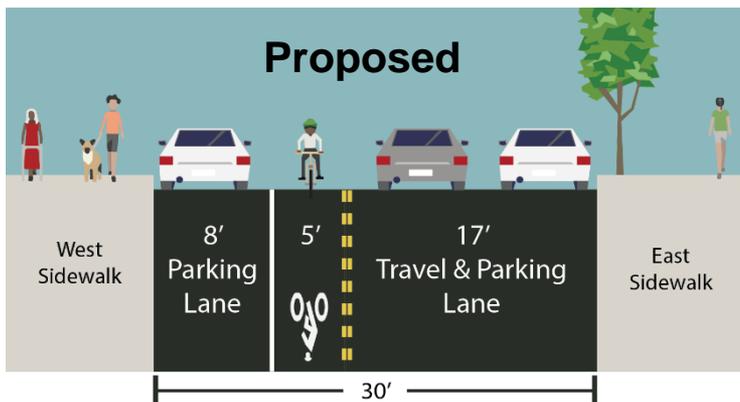
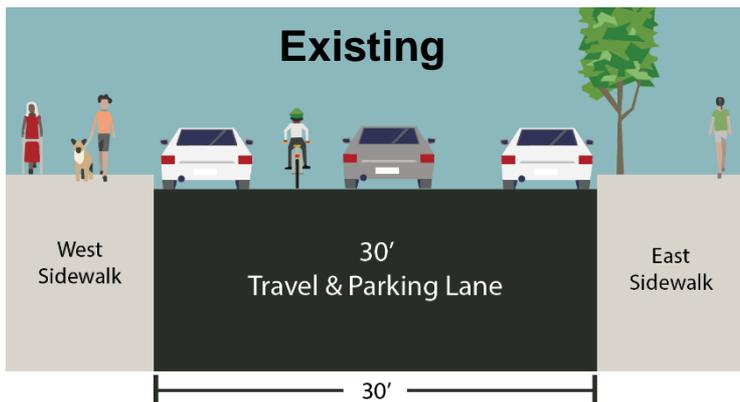
## NB Connection to Cross Bay Bridge on B 94<sup>th</sup> St



**Shared lane markings provide wayfinding for cyclists, indicate to drivers to share the road**

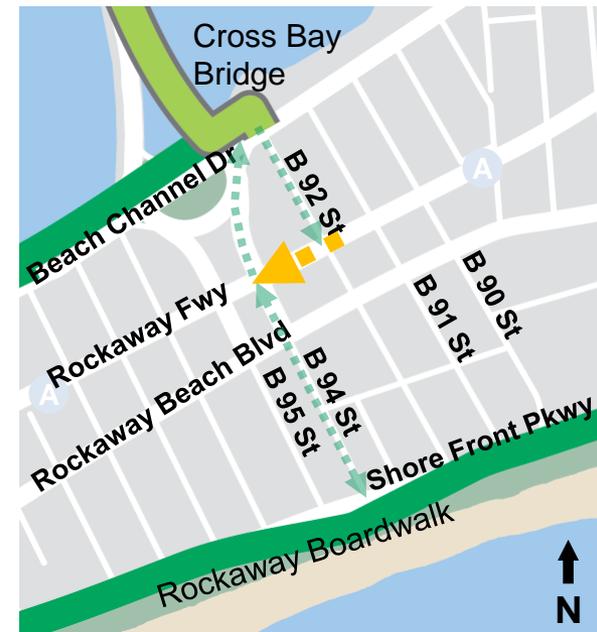
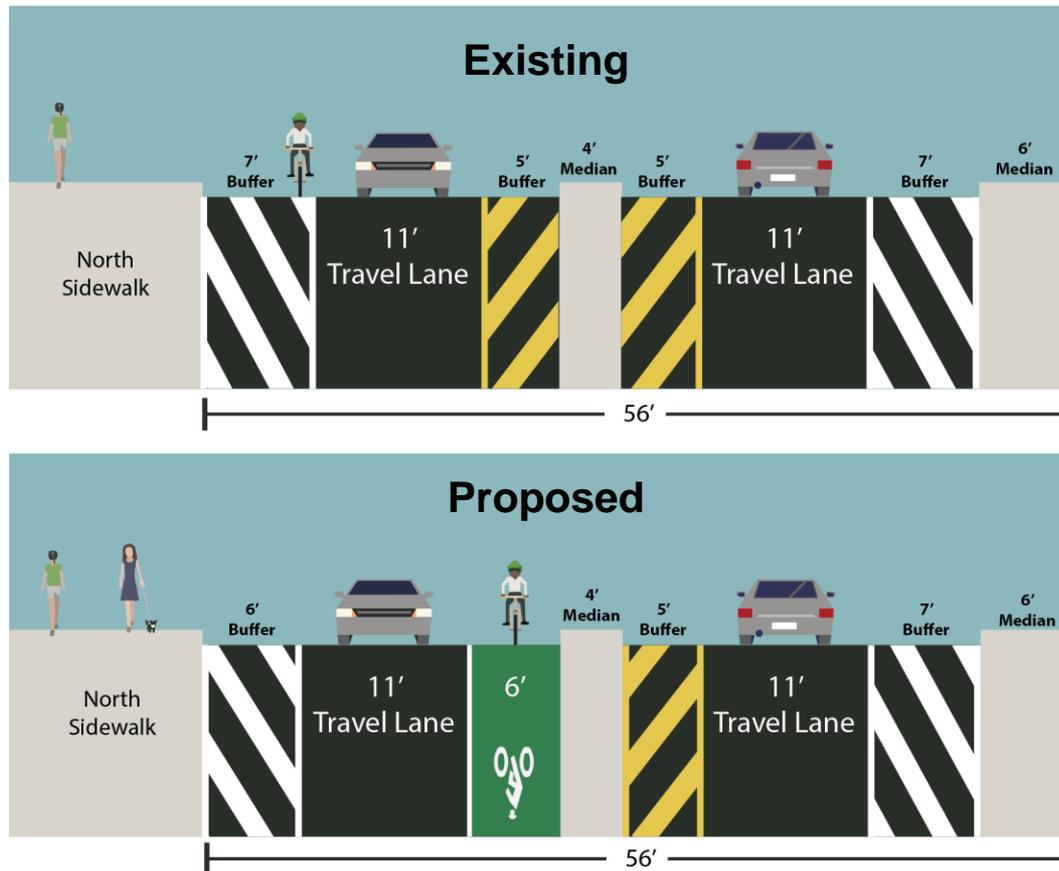
# Bay to Ocean Bicycle Connection

## C SB Connection from Cross Bay Bridge on B 92<sup>nd</sup> St



# Bay to Ocean Bicycle Connection

## C SB Connection from Cross Bay Bridge Rockaway Fwy



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# Roadway Network Safety Improvements

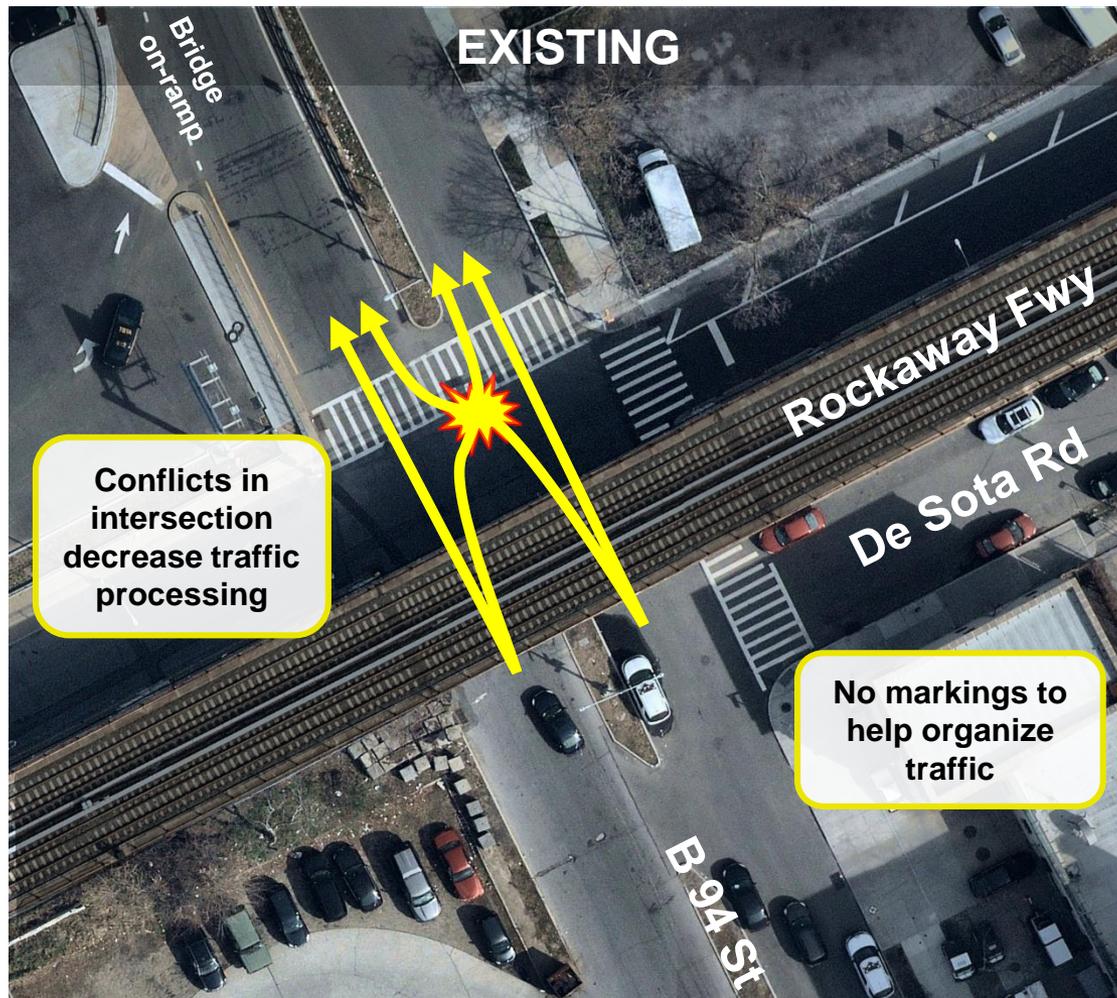
## A De Sota Rd: Safety concerns at intersection with B 94<sup>th</sup> St

- All bridge-bound traffic merges at intersection
- Lack of organization creates conflicts at intersection.



*\*Motorist crossing from B 94 St service road to Cross Bay Bridge on-ramp **across through-traffic** from B 94 St main line*

## Cross Bay Bridge Traffic Queuing During AM Peak Hour



# Roadway Network Safety Improvements

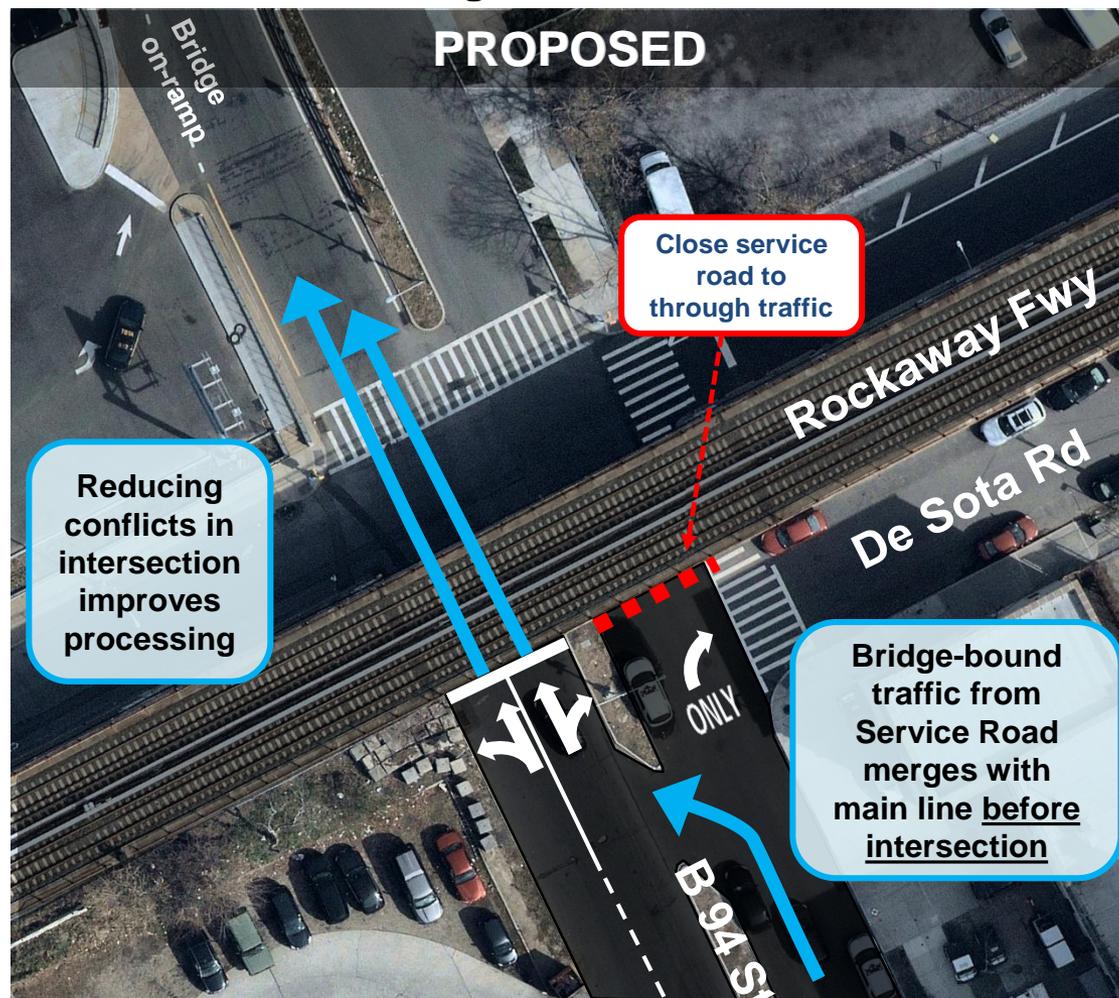
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- Restricting access at **Rockaway Fwy** will improve processing by removing conflicts from intersection.



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## Cross Bay Bridge Traffic Queuing During AM Peak Hour



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# Roadway Network Safety Improvements

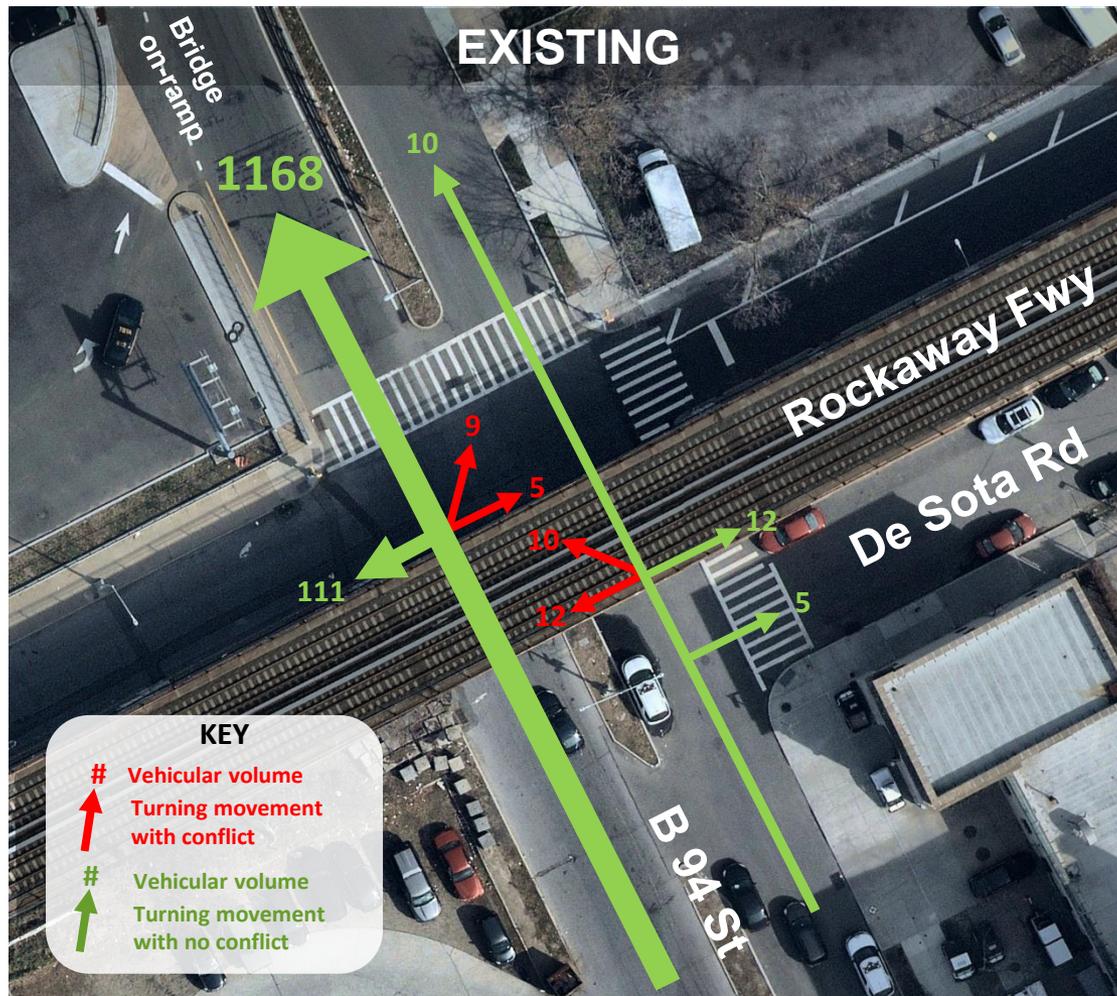
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### Turning Movement Volumes During AM Peak Hour



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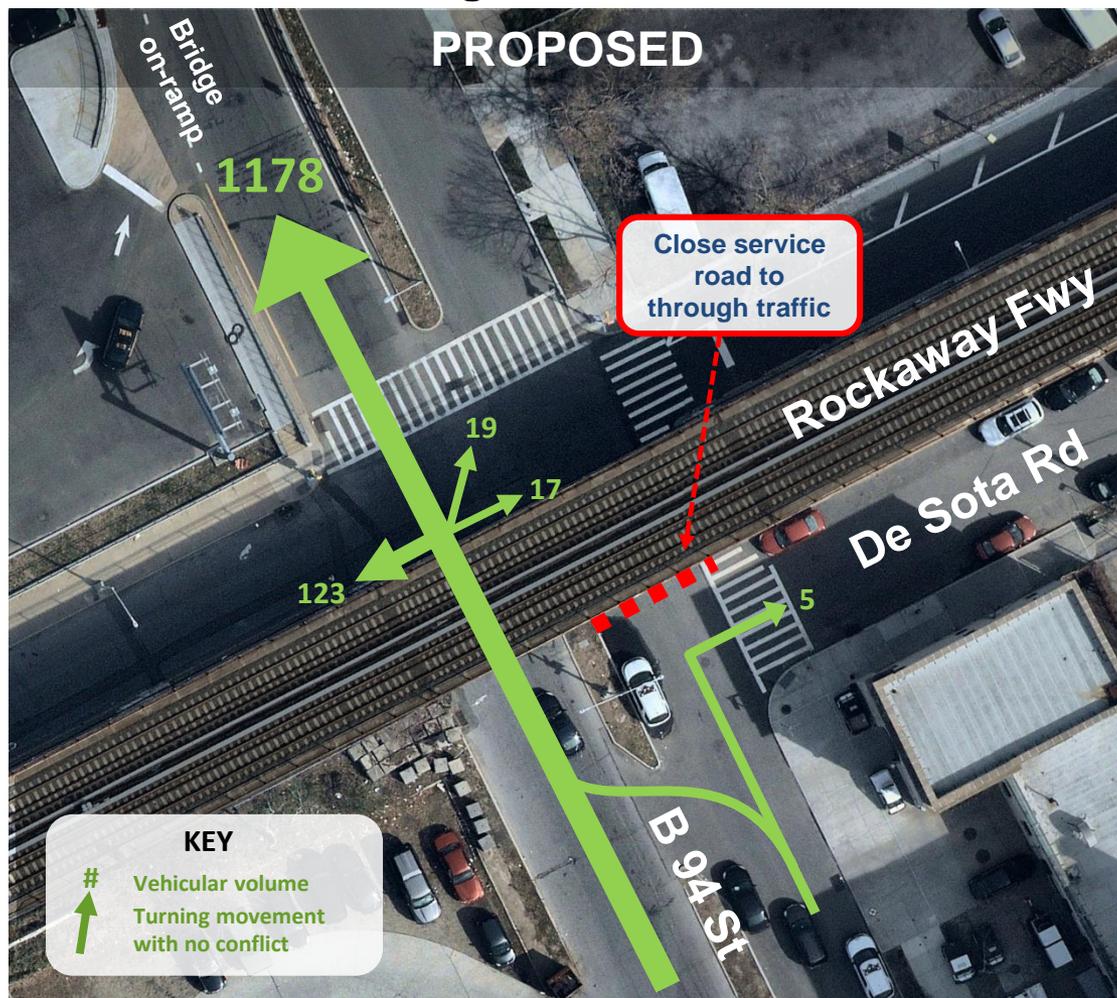
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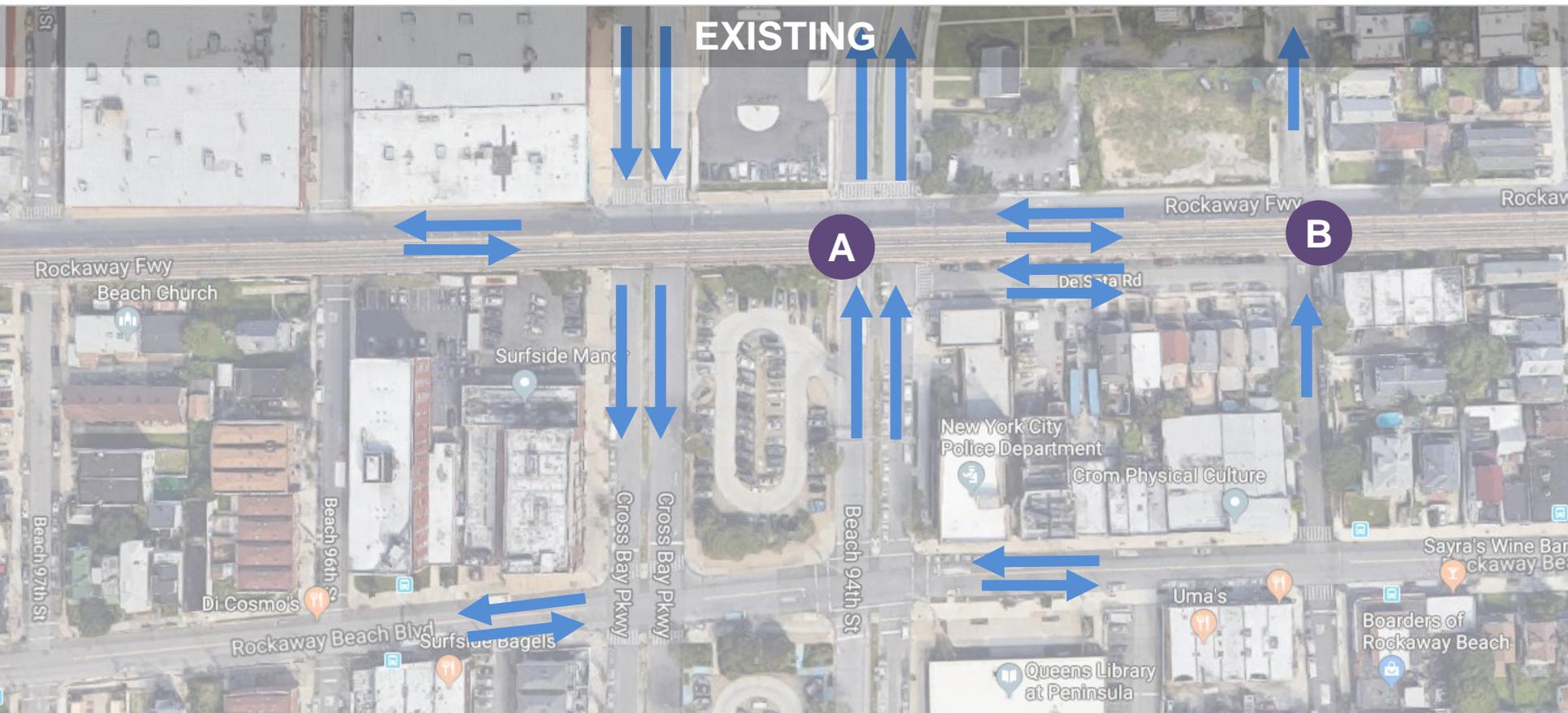


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# Roadway Network Safety Improvements

**A** De Sota Rd: Convert to one-way EB to address safety concerns at intersection with B 94<sup>th</sup> St

**B** B 92 St: Convert to SB (Rockaway Fwy to Rockaway Beach Blvd) to address Safety concerns with cut-through traffic across Rockaway Fwy



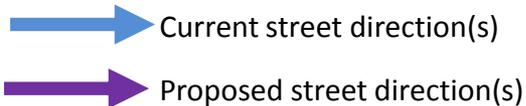
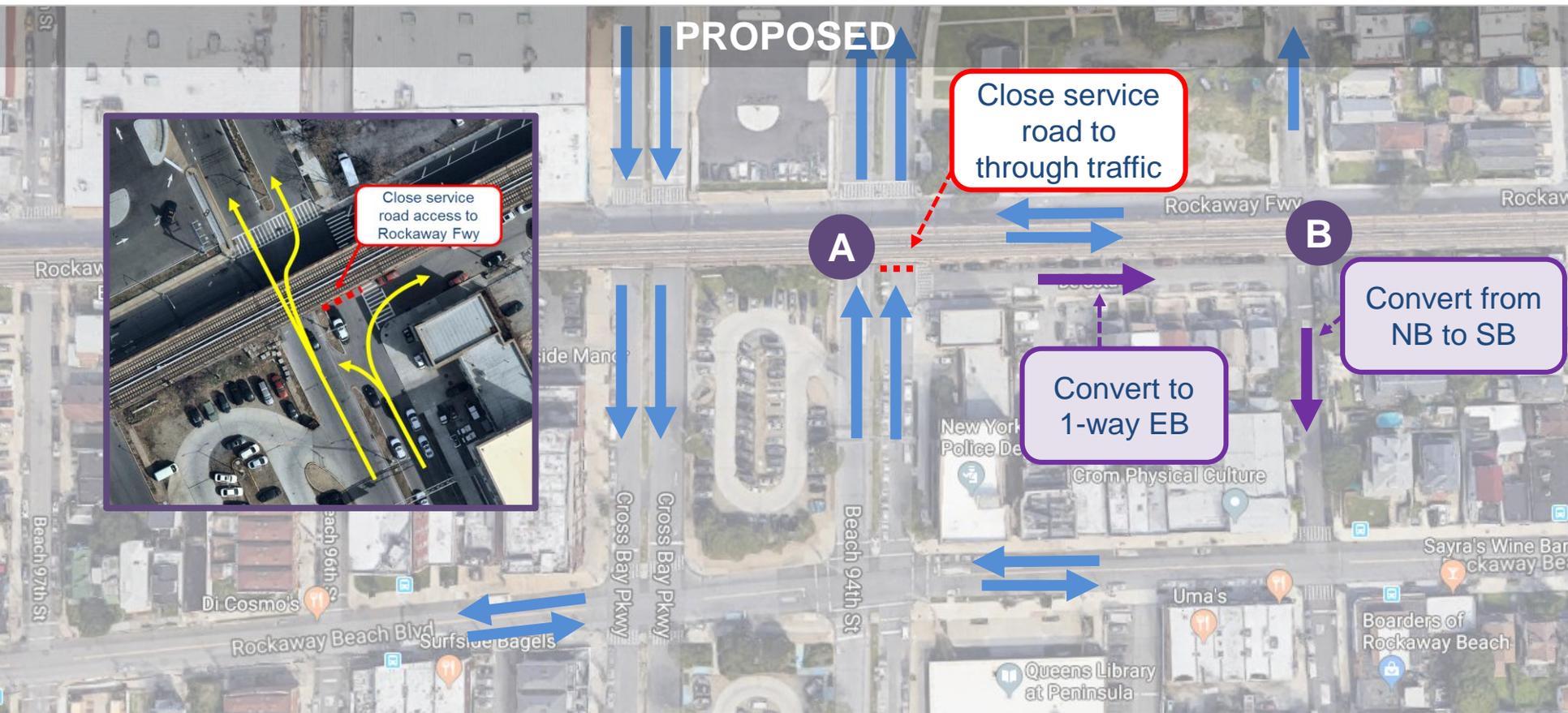
-  Current street direction(s)
-  Proposed street direction(s)

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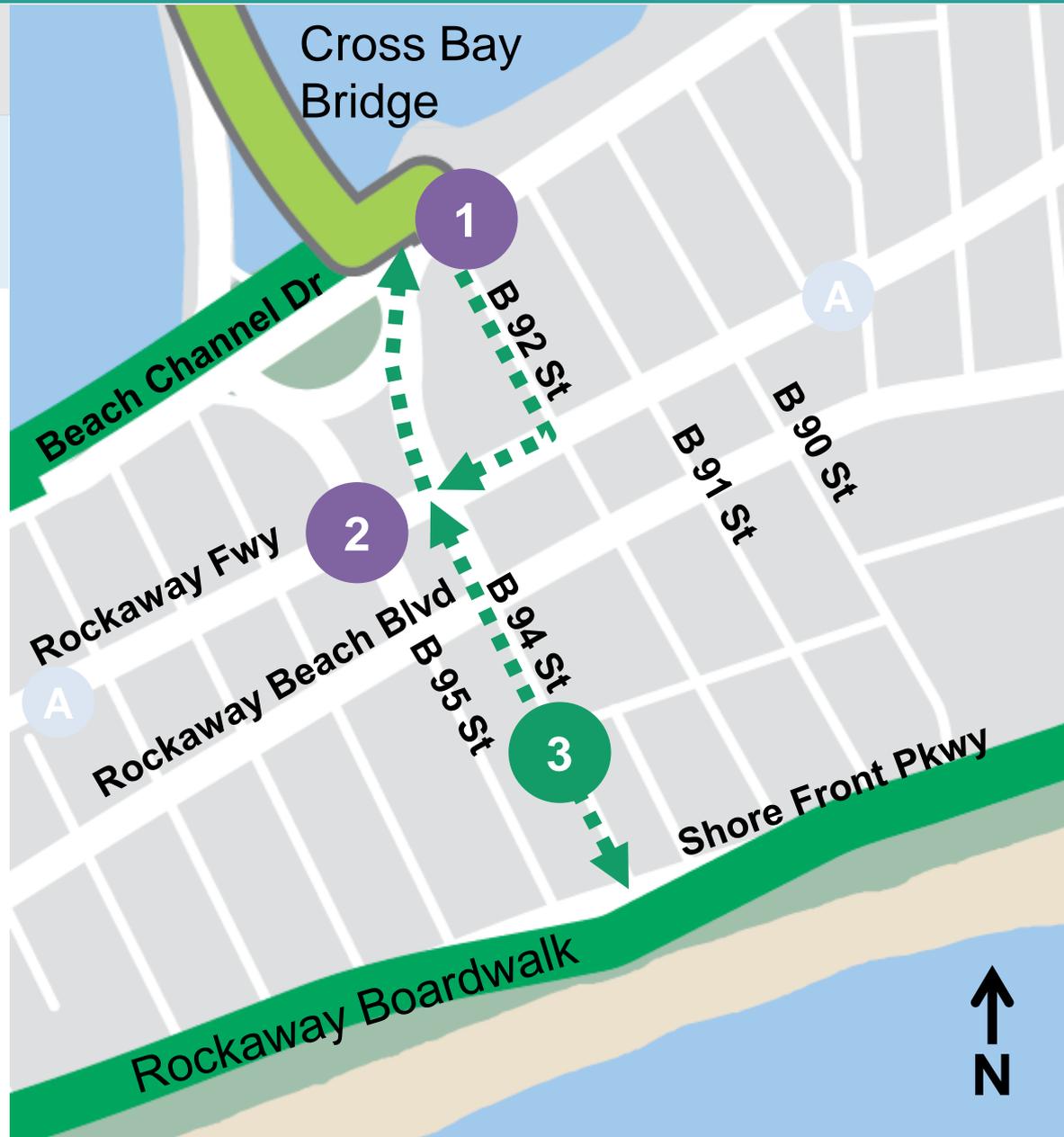
**B** B 92 St: Convert to SB (Rockaway Fwy to Rockaway Beach Blvd) to address Safety concerns with cut-through traffic across Rockaway Fwy



## Project Overview

### North–South Access improvements for Vehicles, Pedestrians and Cyclists

- 1 Beach Channel Dr & B 94th St**  
Install new signalized crossing and maintain vehicle access
- 2 Concrete repairs at B 95th St:**  
Increase pedestrian space and create new pedestrian crossing
- 3 New Greenway Connection**  
Designate greenway route from Bridge to Boardwalk with added beach parking



# THANK YOU!

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Questions?



NYC DOT



NYC DOT



nyc\_dot



NYC DOT