



# BEACH 108<sup>TH</sup> ST CAPITAL RECONSTRUCTION

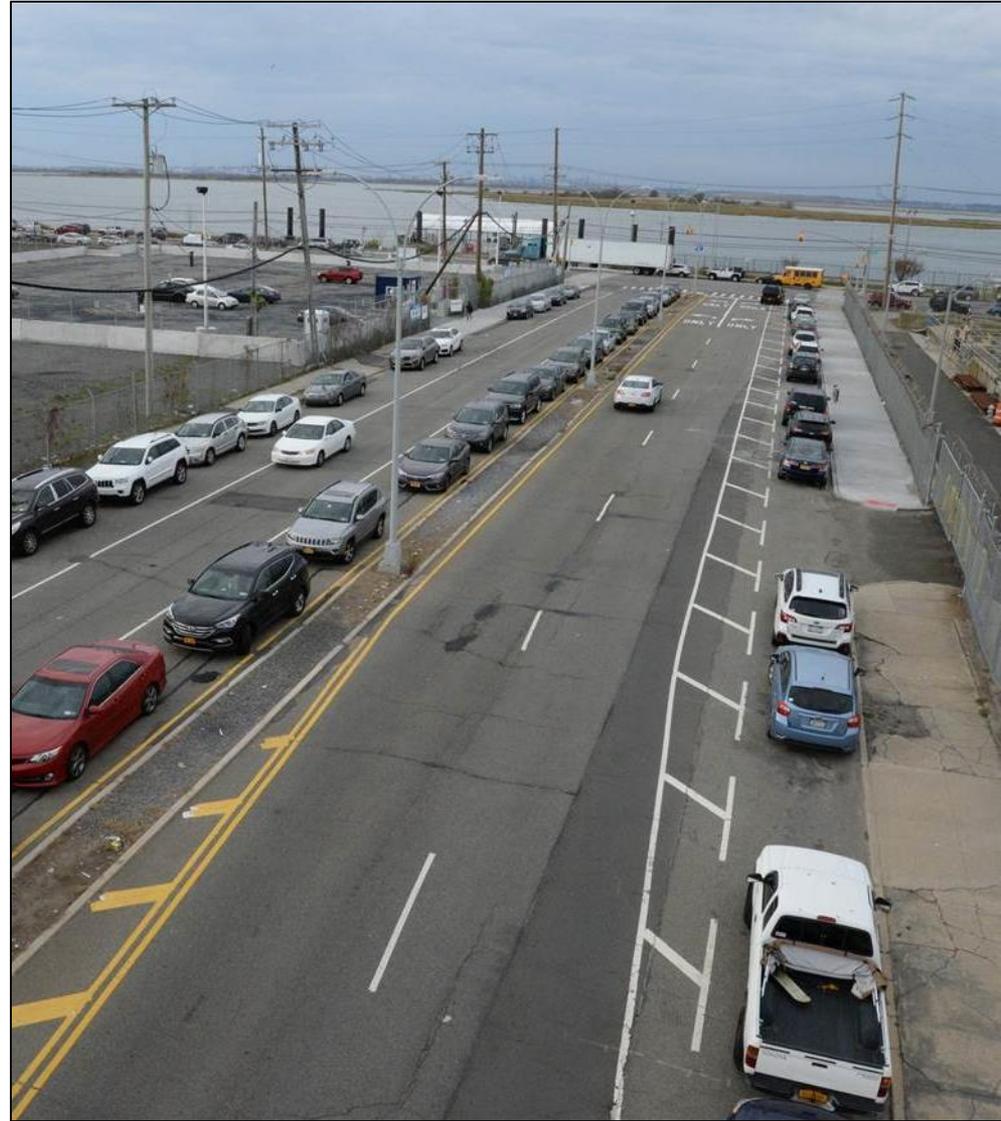
Presentation to Community Board 14

January 16, 2019



# AGENDA

1. Project Background
2. Project Goals
3. Summary of Feedback Session
4. Project Proposal
  1. Geometry
  2. Landscape and Street Furnishings
5. Project Timeline



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# Project Background



# PROJECT AREA AND ORIGIN

Rockaway West NY Rising report identified Beach 108<sup>th</sup> St as a key economic development and infrastructure project. DOT/DDC will be reconstructing Beach 108<sup>th</sup> St between Beach Channel Drive and Shore Front Parkway.



# PROJECT FUNDING

\$16.9 million project

\$3.8 million in city funds

\$13.1 million in federal HUD funding



# BACKGROUND

- Requests from community for left turn bays and phases at Rockaway Beach Blvd and Beach 108th St (bays added)
- Requests from community for reconstructed sidewalks to ferry (mostly completed)
- Area-wide requests for angled parking
- Ferry launched in May 2017
- 2 Motorist KSI's (killed or severely injured) occurred at Rockaway Freeway

**Beach 108<sup>th</sup> St (Beach Ch. Dr. to Shore Front Pkwy), QN**  
 Injury Summary, 2012-2016 (5 years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	3	0	0	0
Bicyclists	2	0	0	0
Motor Vehicle Occupant	21	2	0	2
<b>Total</b>	<b>26</b>	<b>2</b>	<b>0</b>	<b>2</b>



**Beach 108<sup>th</sup> St at Rockaway Beach Blvd**

# EXISTING CONDITIONS

- Roadway varies in width and alignment
- Southbound: one consistent thru lane
- Northbound: one thru lane, widening to two past Rockaway Beach Blvd
- NB left turn lane at Rockaway Fwy, left turn bays at Rockaway Beach Blvd
- Buffered bike lanes connecting to Rockaway Beach Blvd lanes and Shore Front Pkwy path
- Parking on majority of medians with excess channelization



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## Project Goals

# 2

# PEDESTRIANS

Goal: Improve Pedestrian Accessibility and Safety to Ferry and Boardwalk

- Limited sidewalk space during peak season
- High pedestrian volumes on west side of street with narrow sidewalks



**Limited sidewalk space during peak season**



**Long crosswalks at Rockaway Beach Blvd**

# VEHICLES

Goal: Improve roadway alignment and vehicular operations

- Street profile narrows north of Rockaway Beach Blvd
- Offset alignment and skewed intersection with no left turn phases at Rockaway Beach Blvd creates conflicts between turning vehicles

Goal: Maintain or add parking along project corridor

- High parking demand area



Alignment shifts north of Rockaway Beach Blvd

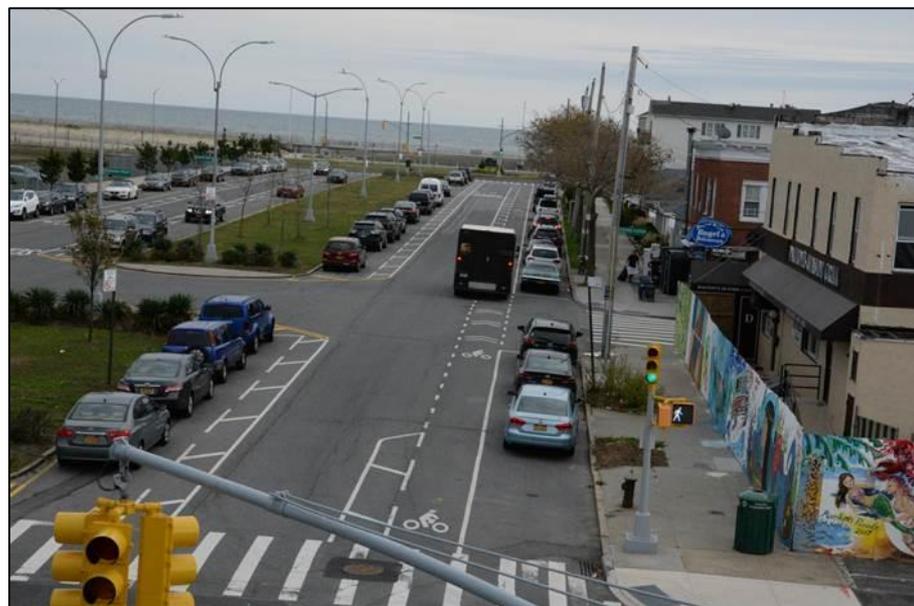


Heavy left turns at Rockaway Beach Blvd

# BICYCLES

Goal: Improve bicycle access to ferry and boardwalk

- Existing bike lane on one block of Beach 108<sup>th</sup> St does not connect to ferry
- Current buffered lanes have frequent double parking



# GOALS SUMMARY

- 1.Improve pedestrian access
- 2.Improve roadway alignment
- 3.Improve vehicular operations
- 4.Maintain or add parking
- 5.Improve bicycle access
- 6.Maintain Landscaping



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## Summary from Feedback Session

# 3

# MAJOR COMMENTS

- 1 Maintain access to Rockaway Beach Drive
- 2 Maintain parking on northern median for ferry access
- 3 Improve pedestrian crossings at Beach Channel Drive

## Comments heard but unable to be addressed

- 1 Discourage beachgoers from using western, residential sidewalk  
Response: Difficult to prevent pedestrians from using shortest path



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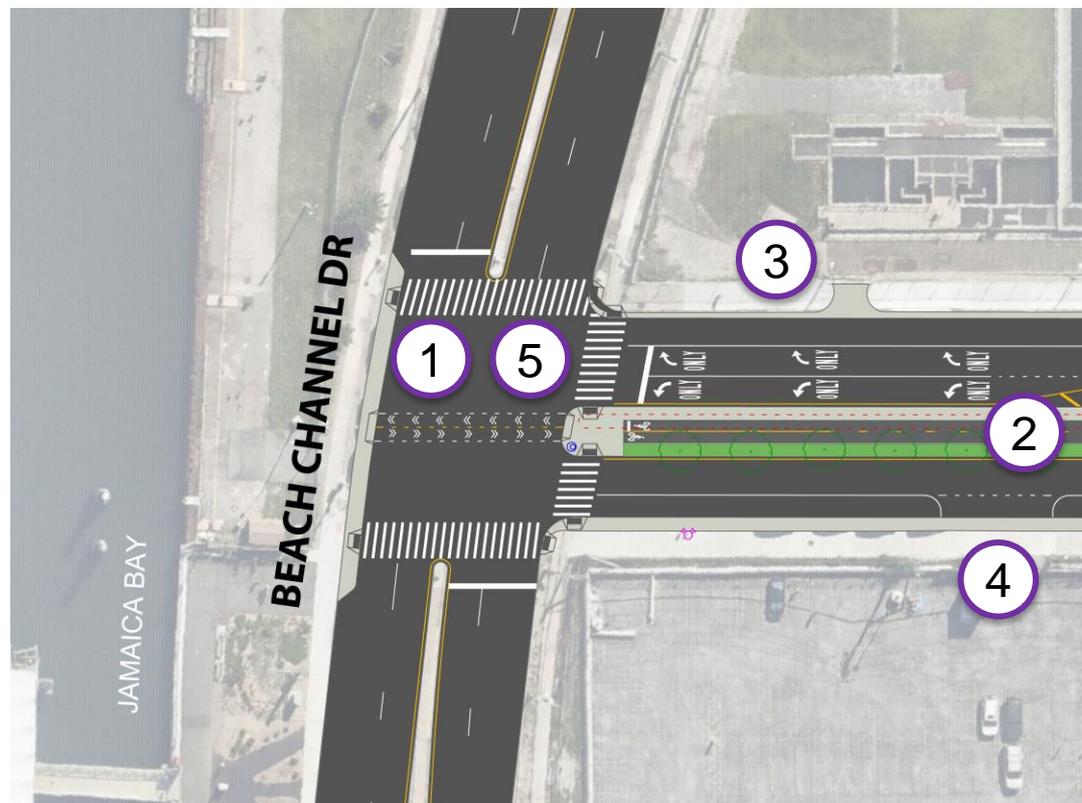
## Project Proposal

1. Geometry
2. Landscaping and Street Furnishings



# GEOMETRY – AT BEACH CHANNEL DR

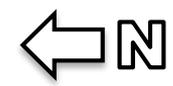
- 1 Construct “Top-of-the-T” curb extension (part of Beach Channel Dr. Capital Project)
- 2 Add two-way bike path with tree plantings on median
- 3 Maintain two lanes at intersection approach
- 4 Reconstruct sidewalks (14’ on the west, 12’ on the east)
- 5 Add protected left turn phase for Beach 108<sup>th</sup> St



Beach Channel Dr

Rockaway Freeway

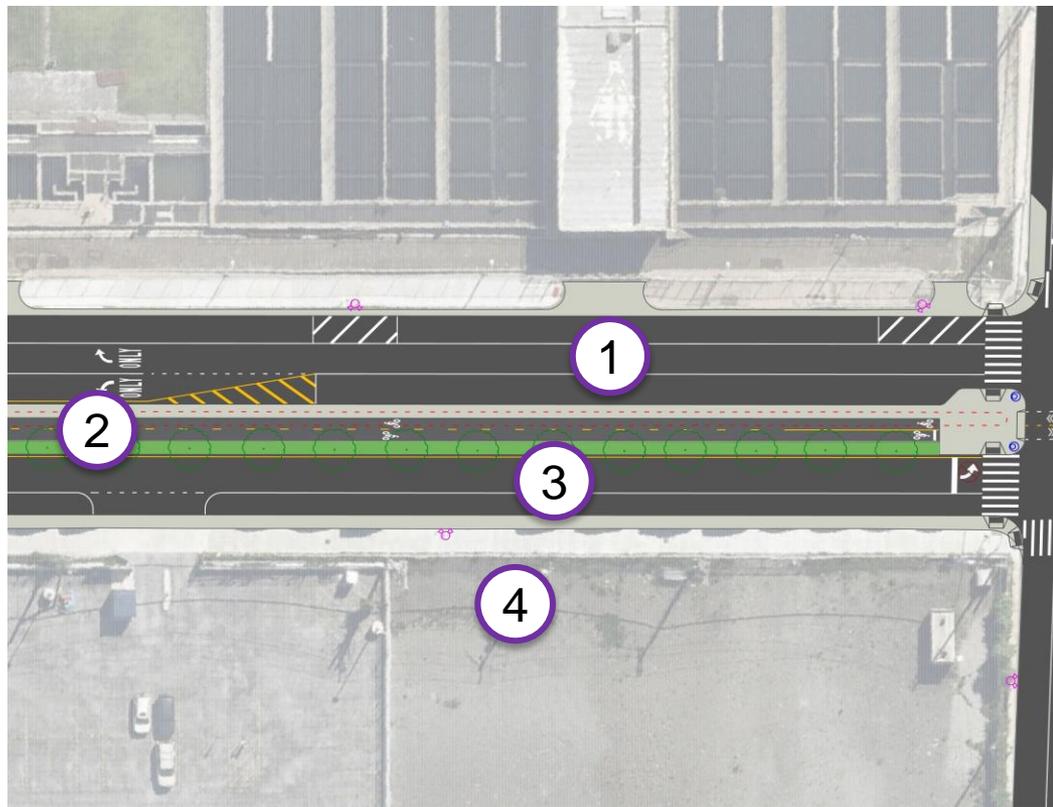
Rockaway Beach Blvd



Shore Front Pkwy

# GEOMETRY – AT FERRY PARKING LOT

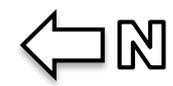
- 1 Flip parking to east side of median south of turn bay
- 2 Add median, two-way bike path with tree plantings
- 3 Maintain one southbound travel lane
- 4 Reconstruct sidewalks (14' on the west, 12' on the east)



Beach Channel Dr

Rockaway Freeway

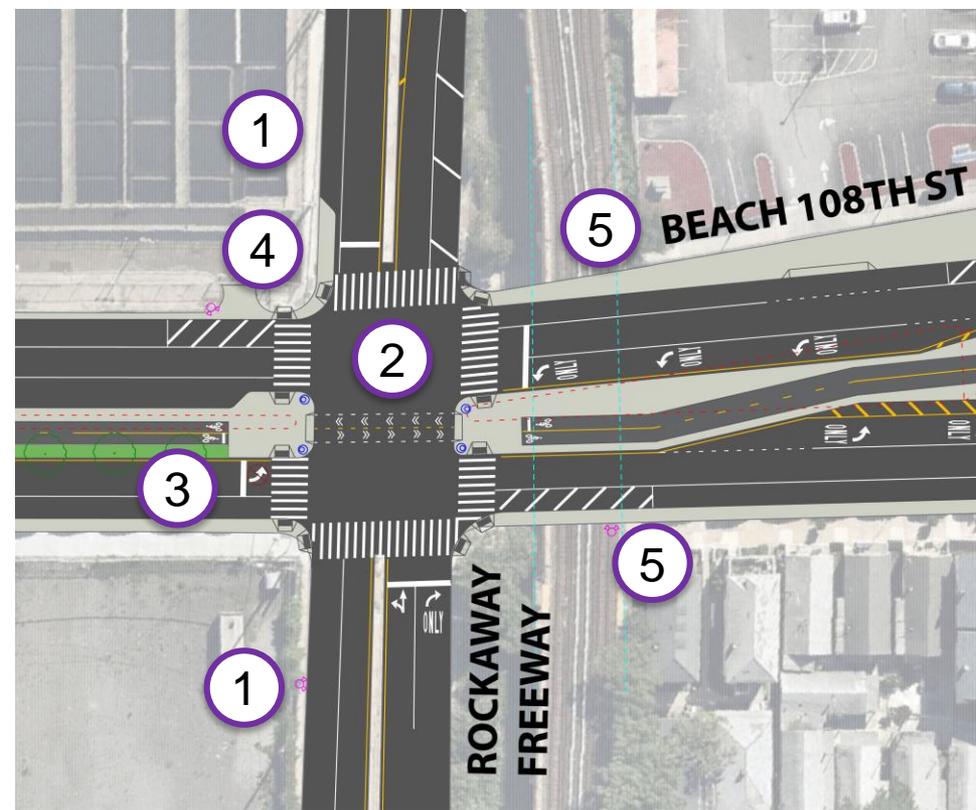
Rockaway Beach Blvd



Shore Front Pkwy

# GEOMETRY – AT ROCKAWAY FREEWAY

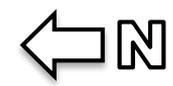
- 1 Add parking on Rockaway Freeway west and east of Beach 108<sup>th</sup> St
- 2 Add protected left turn phase for northbound Beach 108<sup>th</sup> St
- 3 Ban southbound left turn to Rockaway Freeway (0-5 cars in peak hours)
- 4 Construct curb extension on NE corner
- 5 Reconstruct sidewalks (15' on both sides of Beach 108<sup>th</sup> St)



Beach Channel Dr

Rockaway Freeway

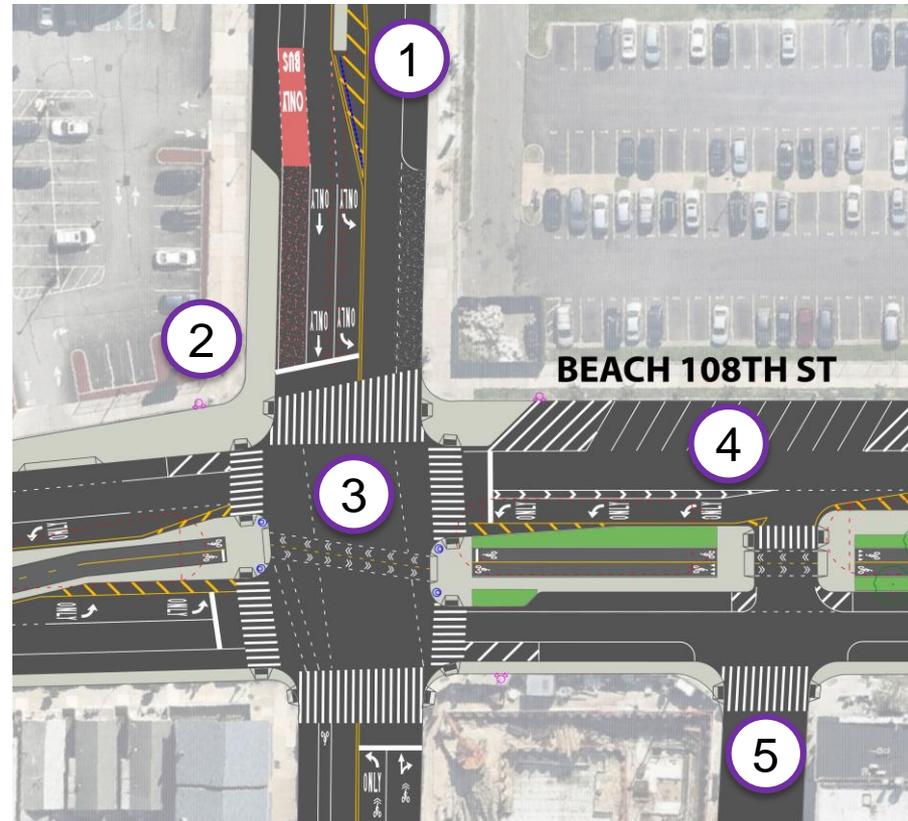
Rockaway Beach Blvd



Shore Front Pkwy

# GEOMETRY – AT ROCKAWAY BEACH BLVD

- 1 Pull back median on Rockaway Beach Blvd, creating left turn bay
- 2 Construct bus bulb on NE corner at existing bus stop with red bus queue jump/right turn lane
- 3 Add dual, protected left turn phase for Beach 108<sup>th</sup> St
- 4 Convert east side of Beach 108<sup>th</sup> St to back in angled parking
- 5 Maintain access to Rockaway Beach Dr



Beach Channel Dr

Rockaway Freeway

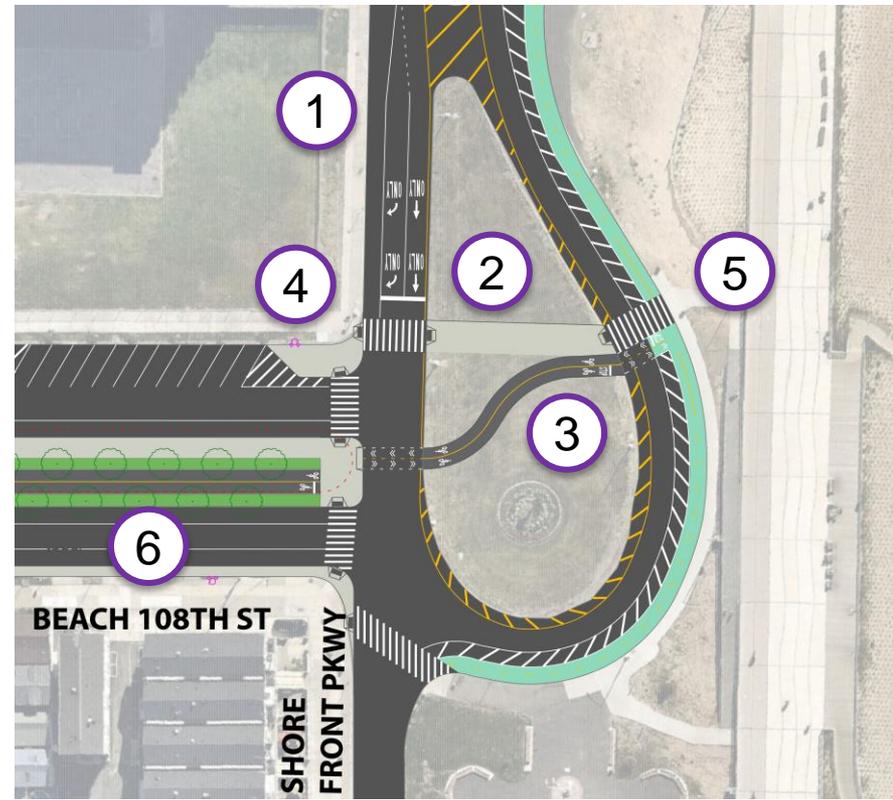
Rockaway Beach Blvd



Shore Front Pkwy

# GEOMETRY – AT ROCKAWAY BEACH BLVD

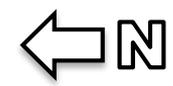
- 1 Restore parking to Shore Front Parkway by rerouting bike path
- 2 Add new sidewalk and crossing across median at Shore Front Parkway
- 3 Connect bike path to boardwalk through median
- 4 Construct curb extension on NE corner
- 5 Add new crossings to boardwalk stairs
- 6 Reconstruct and widen west sidewalk, maintaining tree lawn (20')



Beach Channel Dr

Rockaway Freeway

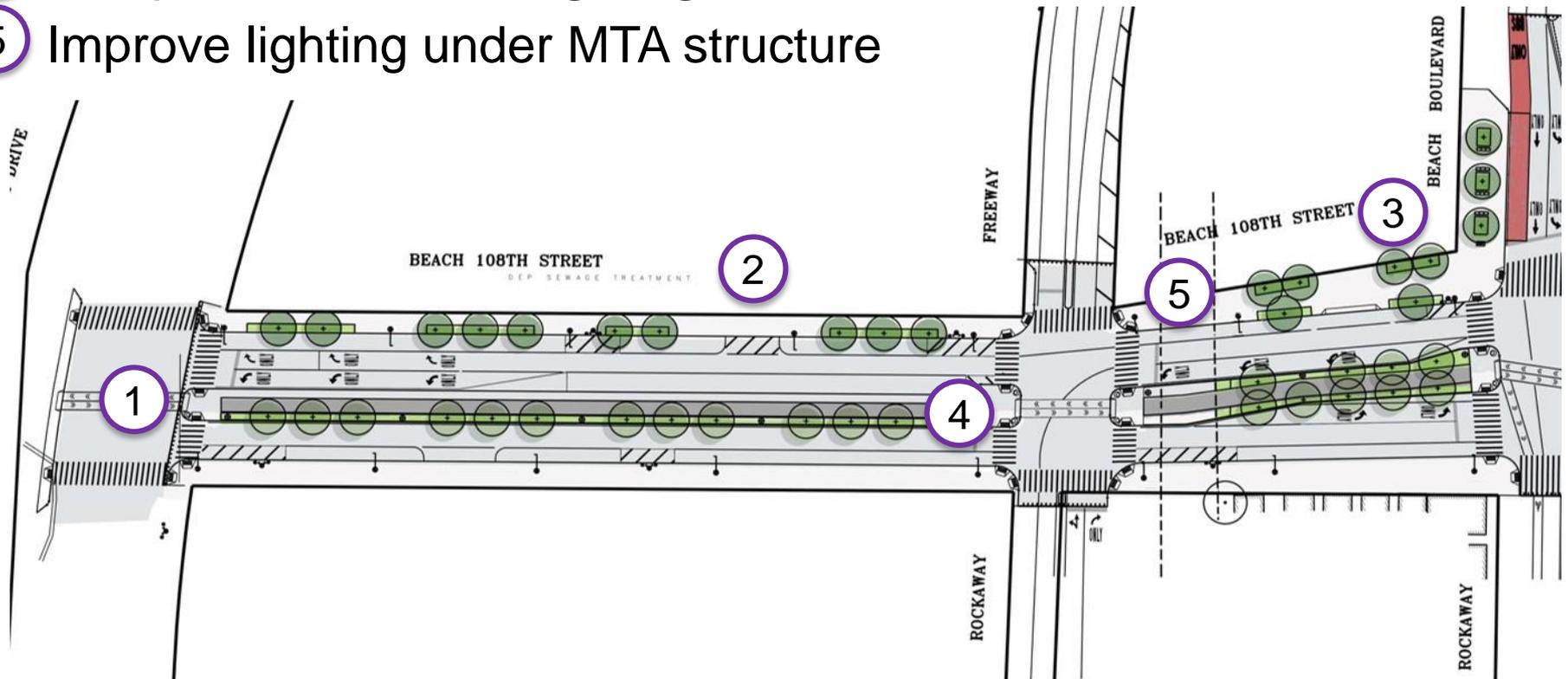
Rockaway Beach Blvd



Shore Front Pkwy

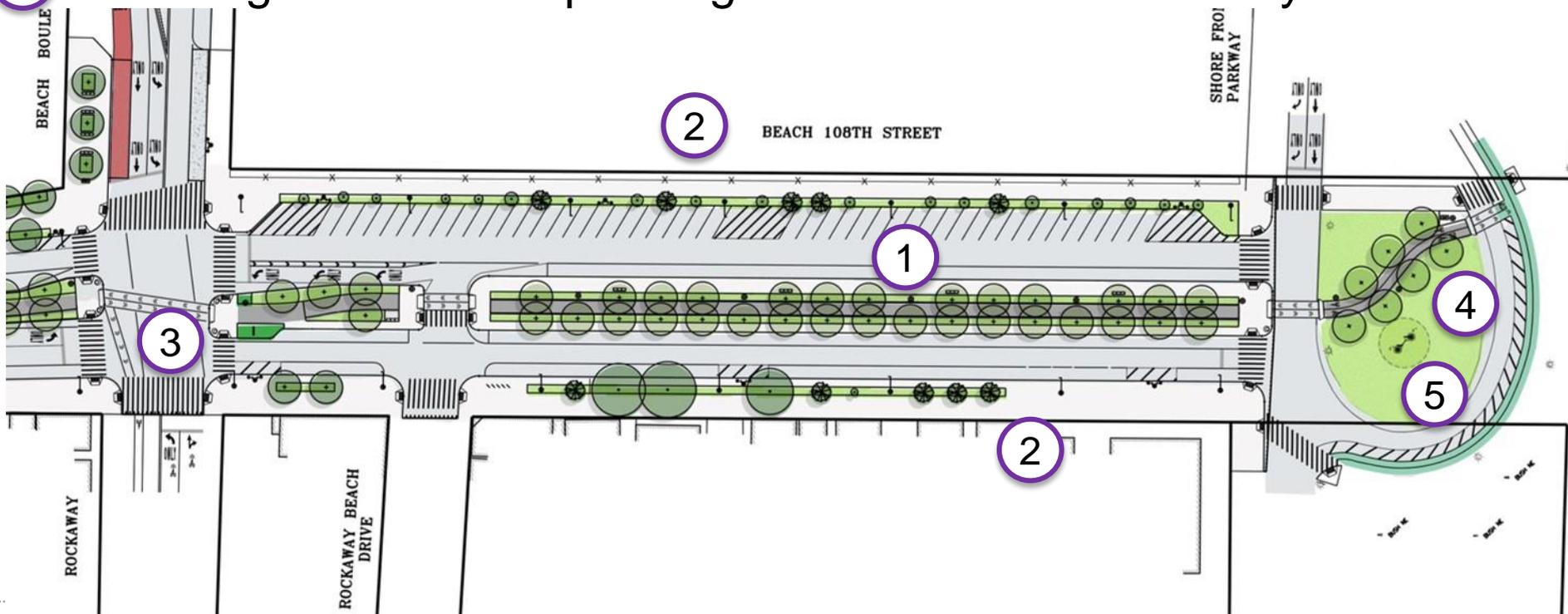
# LANDSCAPE AND STREET FURNISHINGS

- 1 Add street trees to median wherever possible
- 2 Add street trees in front of DEP facility
- 3 Add street trees and benches at new bus bulb and widened sidewalk on NE corner of Beach 108<sup>th</sup> St and Rockaway Beach Blvd
- 4 Add pedestrian scale lighting to median
- 5 Improve lighting under MTA structure



# LANDSCAPE AND STREET FURNISHINGS

- 1 Add street trees to median wherever possible
- 2 Replace missing trees on east and west tree lawns
- 3 Maintain community planting spaces at Rockaway Beach Blvd and reinstall “Welcome” sign following construction
- 4 Add plantings along bike path in Shore Front Pkwy median
- 5 No changes to circular planting area in Shore Front Pkwy median



# LANDSCAPE AND STREET FURNISHINGS

## Section A looking south



- 1 'Flatbush Ave' decorative street lights (used on Beach 116<sup>th</sup> St)
- 2 'Flushing Meadows' decorative pedestrian light

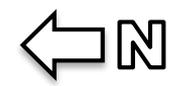
## Section B looking south



Beach Channel Dr

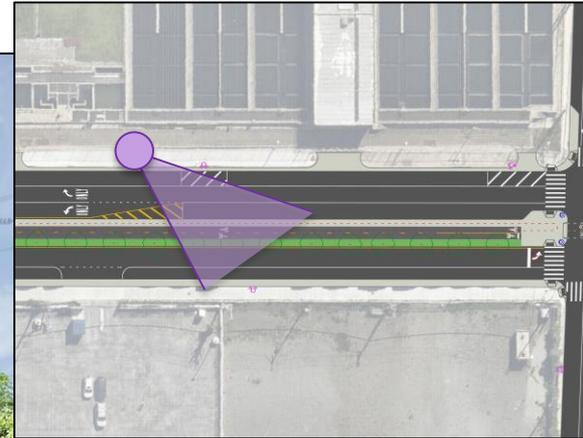
Rockaway Freeway

Rockaway Beach Blvd



Shore Front Pkwy

# LANDSCAPE AND STREET FURNISHINGS



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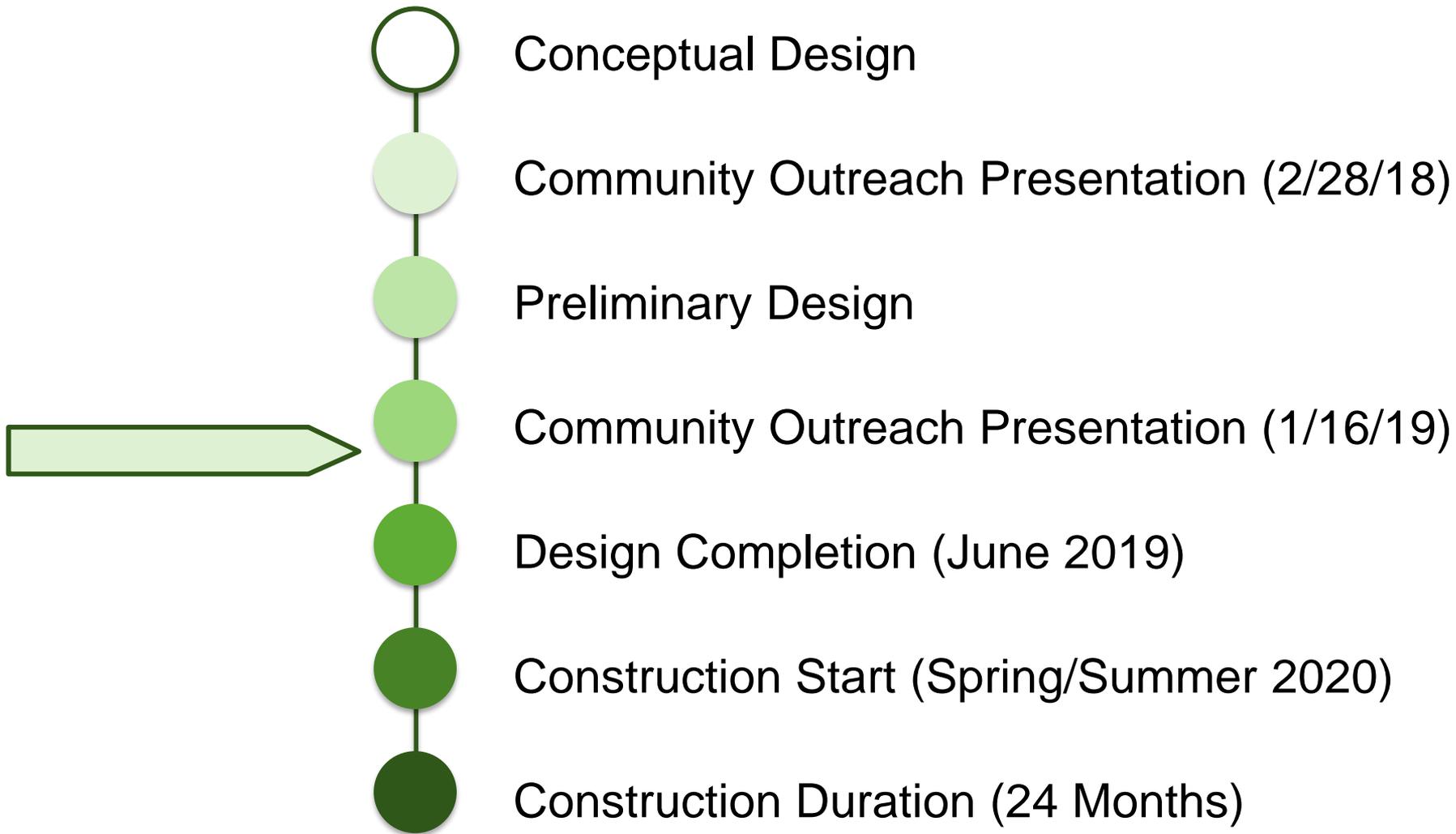


# PROPOSAL SUMMARY

- Consistent road profile
- Increased tree coverage
- Added parking (20-24 new spaces)
- New left turn phases to improve safety and processing
- Dedicated space for cyclists
- Improved pedestrian access to ferry landing through wider sidewalks and shorter crossings



# PROJECT TIMELINE



# THANK YOU!

## Questions?



NYC DOT



NYC DOT



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NYC DOT