

# Mosholu Pkwy, Van Cortlandt Av to Southern Blvd

Community Board 7

April 7, 2022

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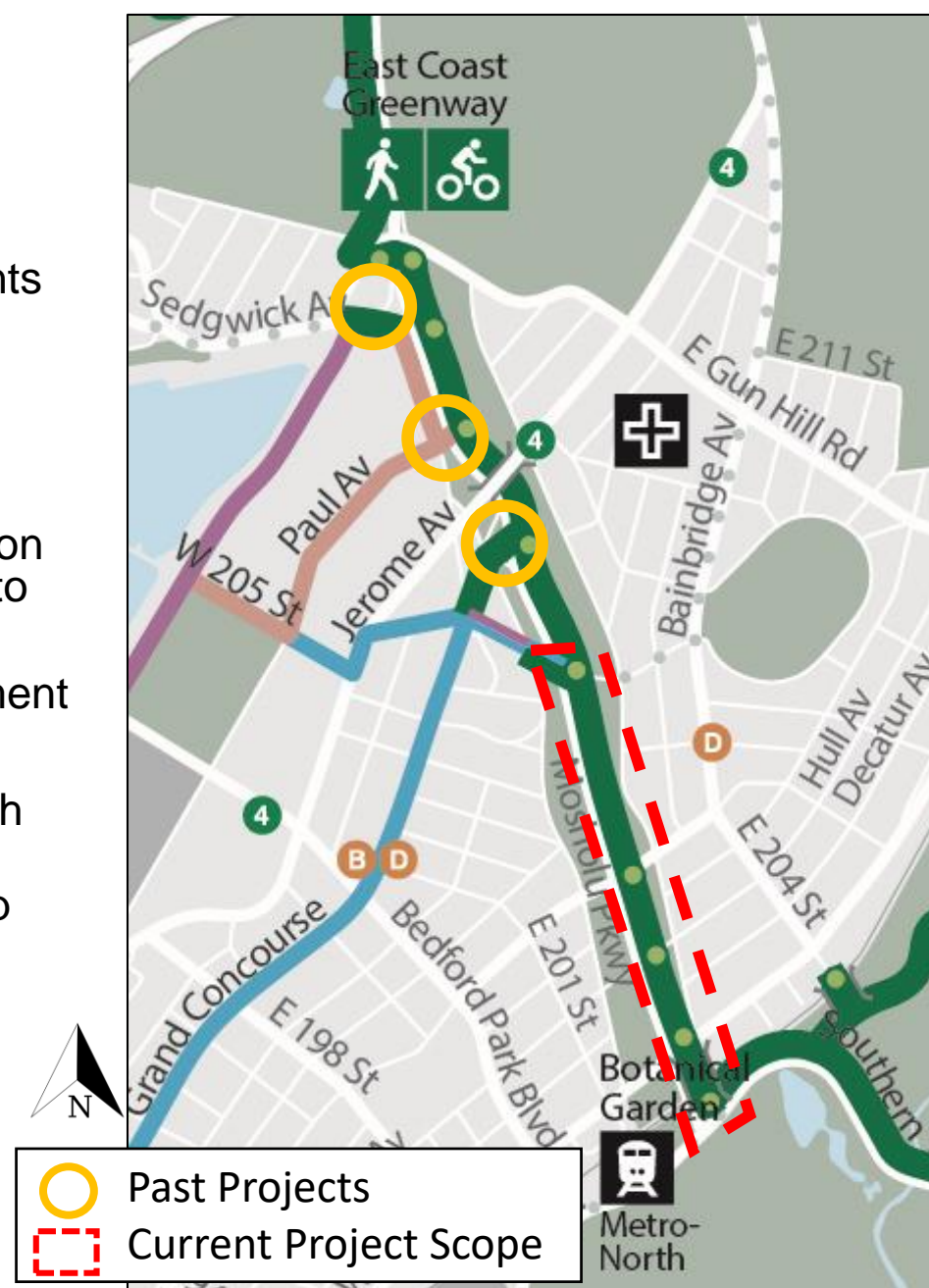
## Background

# 1

# Background

## General Overview

- Previous NYC DOT in-house improvements at
  - Sedgwick Av
  - Grand Concourse
  - Paul Av
- DOT to continue in-house improvements on Mosholu Parkway from Van Cortlandt Av to Southern Blvd
- Ongoing coordination with Parks Department
- Outreach
  - January 28, 2022 – Walkthrough with Councilmember Dinowitz
  - February 1, 2022 – Public Workshop



# Background

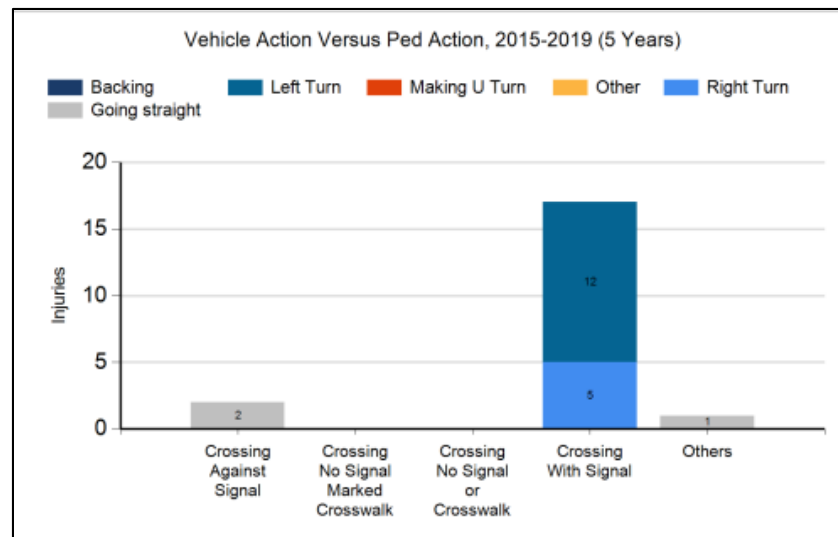
## Safety Data

- 121 total injuries on Mosholu Parkway between 2015 and 2019
- 50% of pedestrian injuries occurred while a vehicle was turning left and a pedestrian was using the walk signal

### Mosholu Pkwy, Van Cortlandt Av to Southern Blvd

Injury Summary, 2015-2019 (5 years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	23	0	0	0
Bicyclists	3	0	0	0
Motor Vehicle Occupant	95	7	0	0
Total	121	7	0	0



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Existing Condition

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# Existing Condition

## Workshop Summary (2/1/2022)

### Vehicles

- **Reduce speed limit to 25 mph**
- **Create uniform number of lanes along Parkway**
- Traffic calming

### Pedestrians

- **Add more east/west crossings on Parkway**
- **Add crossings on service roads**
- Improve signal timing for pedestrians
- Missing sidewalks

### Bikes

- **Separate bikes and pedestrians**
  - On Greenway
  - Protected in roadway (barrier or vehicle)
- Add east/west connections
- Desire to ride bikes on west side of Parkway
- Bike racks needed

### DPR/DEP

- **Lighting on park paths**
- **Flooding**
- Deteriorating curbs
- Add trees/landscaping

### NYPD

- **Address speeding issue**
- **Vehicles parking on sidewalk**
- Vehicles idling/parking on Parkway

\*issues **bolded** were mentioned several times

# Existing Condition

## Workshop Summary (2/1/2022)

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Some of the previous comments from the workshop can only be mitigated through a capital process.

### In-House Projects

- Shorter timeline (1-3 year process)
- Temporary materials like painted pedestrian space and some concrete
- Unable to move utilities

### Capital Projects

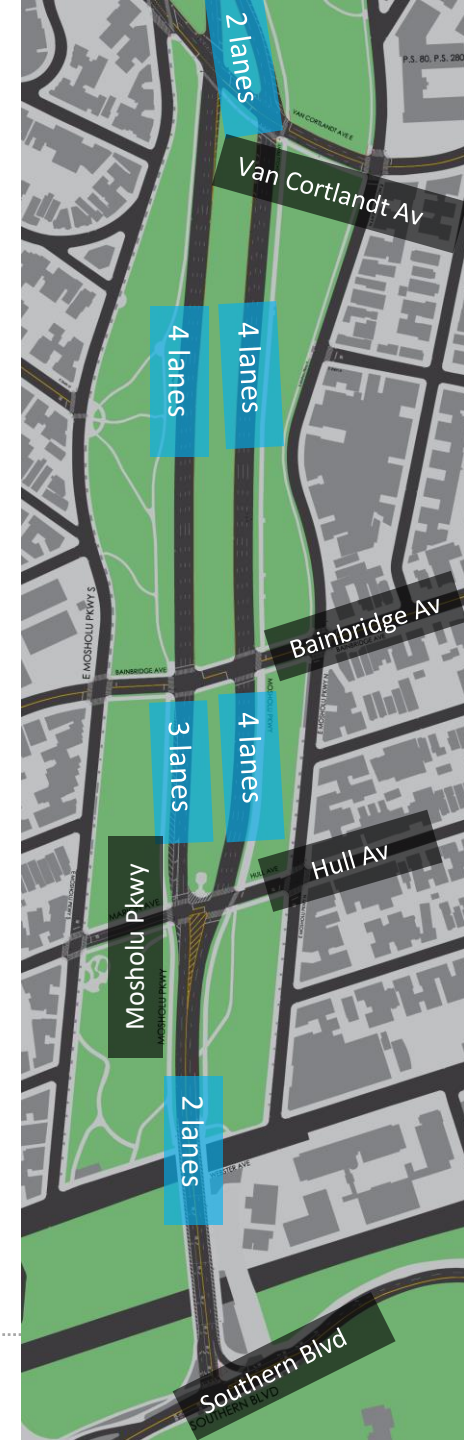
- Longer timeline (5-10 year process)
- Utilities (sewer and water lines) can be moved
- Requires significant funding



# Existing Condition: Vehicles

- Inconsistent number of vehicle lanes throughout corridor
- Analysis shows excess capacity for corridor
- Speeding – current limit is 30mph and vehicles travel at 38mph

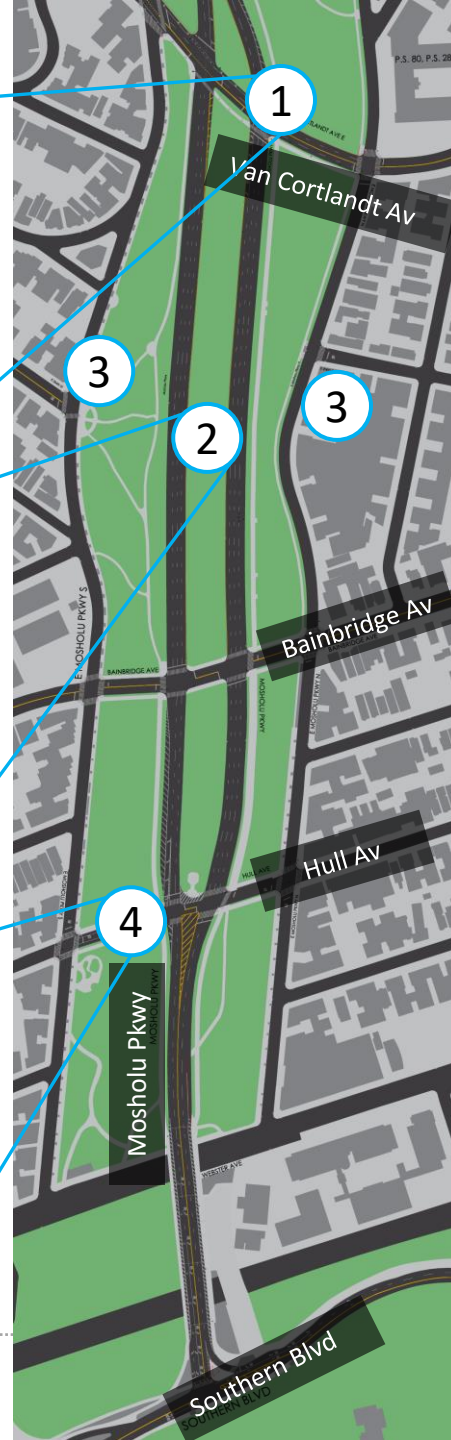
Existing Condition at Bainbridge Av





# Existing Condition: Pedestrians

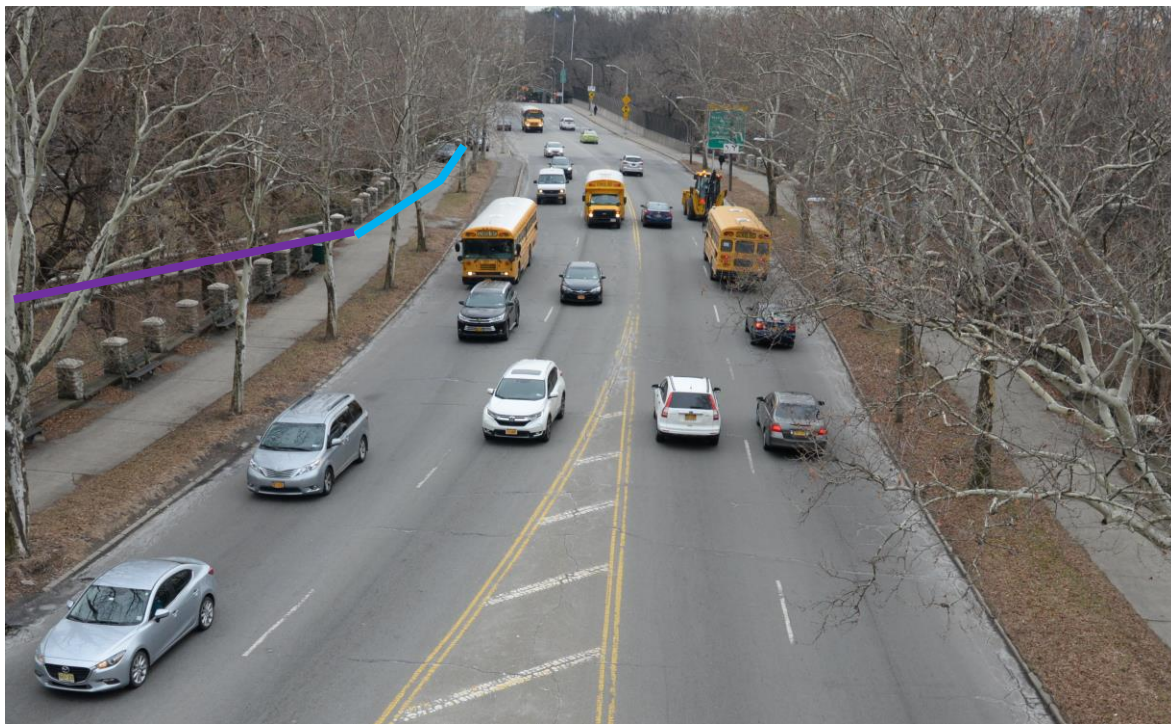
- 1 No sidewalk on north side of Van Cortlandt Av
- 2 No pedestrian crossing between Van Cortlandt Av and Bainbridge Av, distance between crossings is 1470 feet
- 3 Few crosswalks on service roads
- 4 Long crossing distances at Marion Av and Hull Av



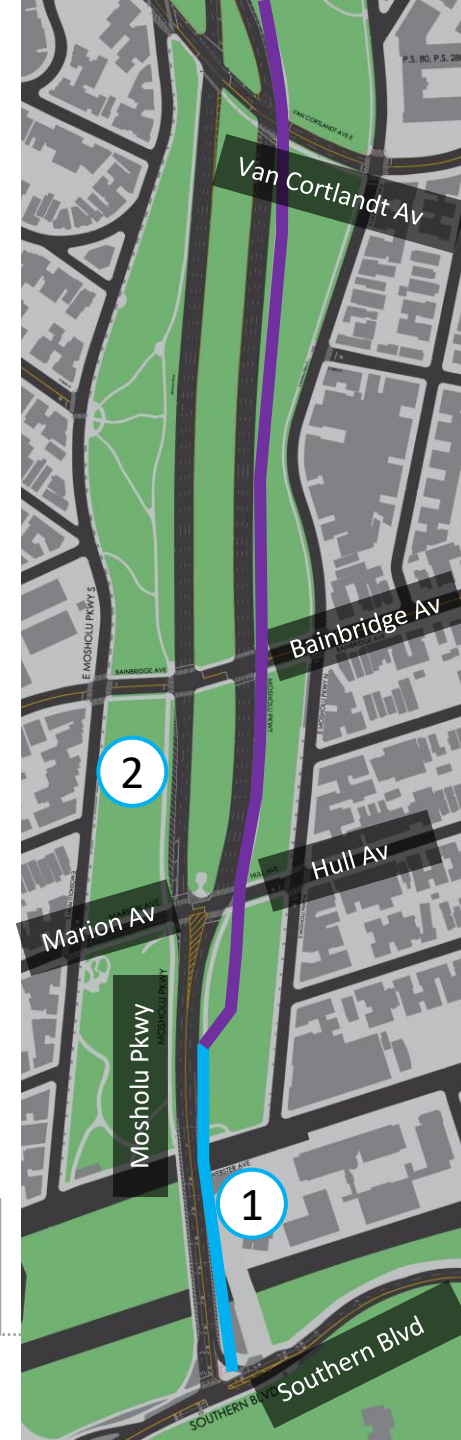
# Existing Condition: Bikes

Greenway path is shared by bikes and pedestrians, community expressed desire to separate modes

- 1 Greenway is on sidewalk south of Marion Av
- 2 Desire to ride bike on west side of Parkway



Sidewalk  
Path





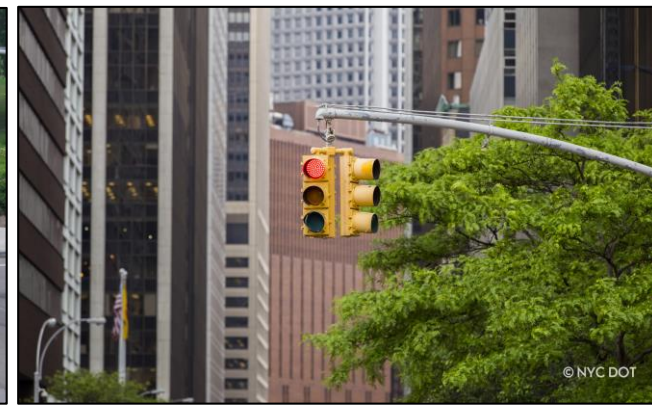
# In-House Toolkit



Painted Pedestrian Space with Flexible Delineators



Concrete Islands



Signal Timing Changes



Quick Kurb Protected Bike Lane



Flexible Delineator Protected Bike Lanes



Enhanced Crossing

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Proposed Condition

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# Proposed Condition: Vehicles

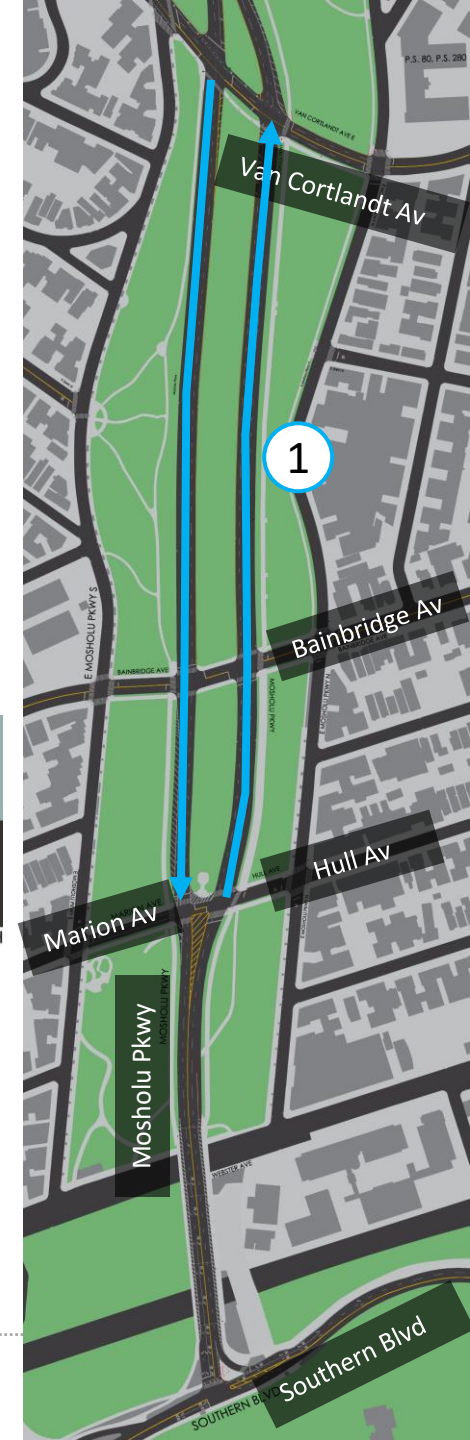
- 1 Resurface Mosholu Pkwy between Marion Av/Hull Av and Van Cortlandt Av
- 1 Adjust Mosholu Pkwy to two lanes in each direction with left turn lanes

DOT is exploring reducing the speed limit to 25 mph

Existing at Bainbridge Av



Proposed at Bainbridge Av

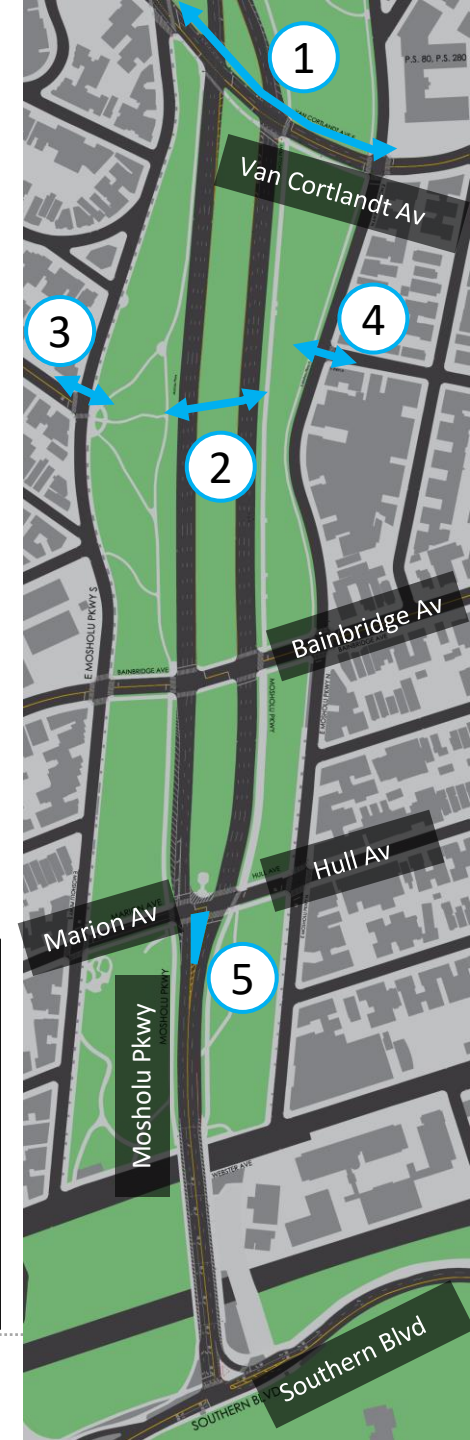
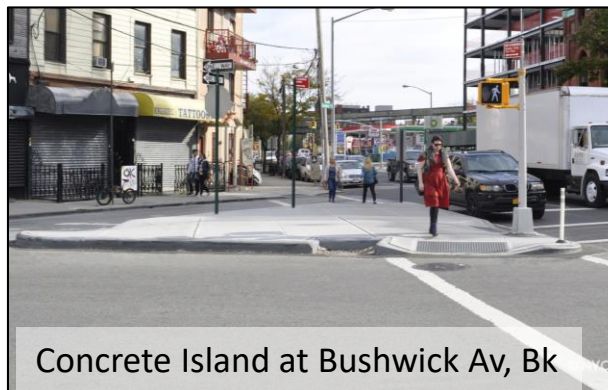
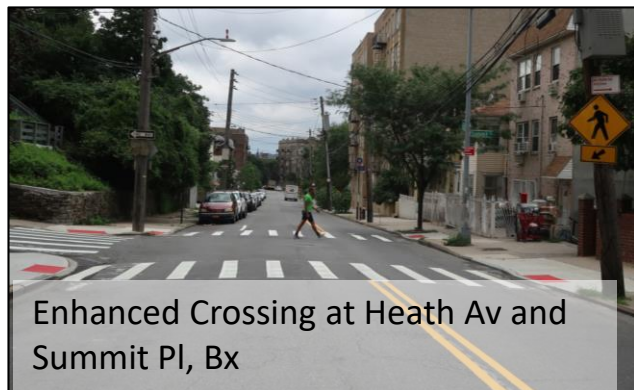




# Proposed Condition: Pedestrians

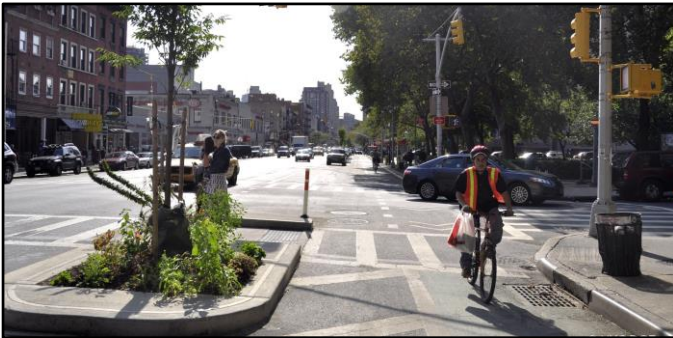
## Improvements:

- ① Concrete sidewalk on north side of Van Cortlandt Av
- ② Signalized mid-block crossing between Van Cortlandt Av and Bainbridge Av
- ③ Enhanced Crossing at E 204 St
- ④ Enhanced Crossing and concrete curb extension at E 206 St
- ⑤ Concrete island on south side of Marion Av



# Proposed Condition: Bikes

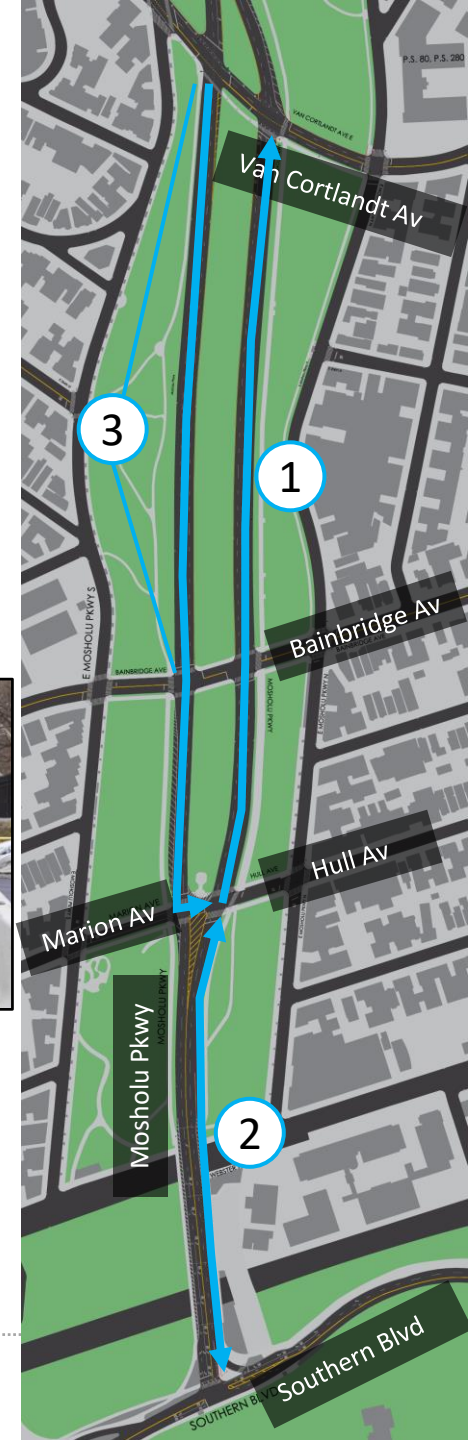
- 1 Install protected bike lane on northbound Mosholu Pkwy and southbound Mosholu Pkwy between Marion Av and Van Cortlandt Av
- 2 Install two-way protected bike lane between Southern Blvd and Marion Av
- 3 Add concrete islands



Proposed One-way Design



Proposed Two-way Design



# Timeline and Summary

## Phase A (2022)

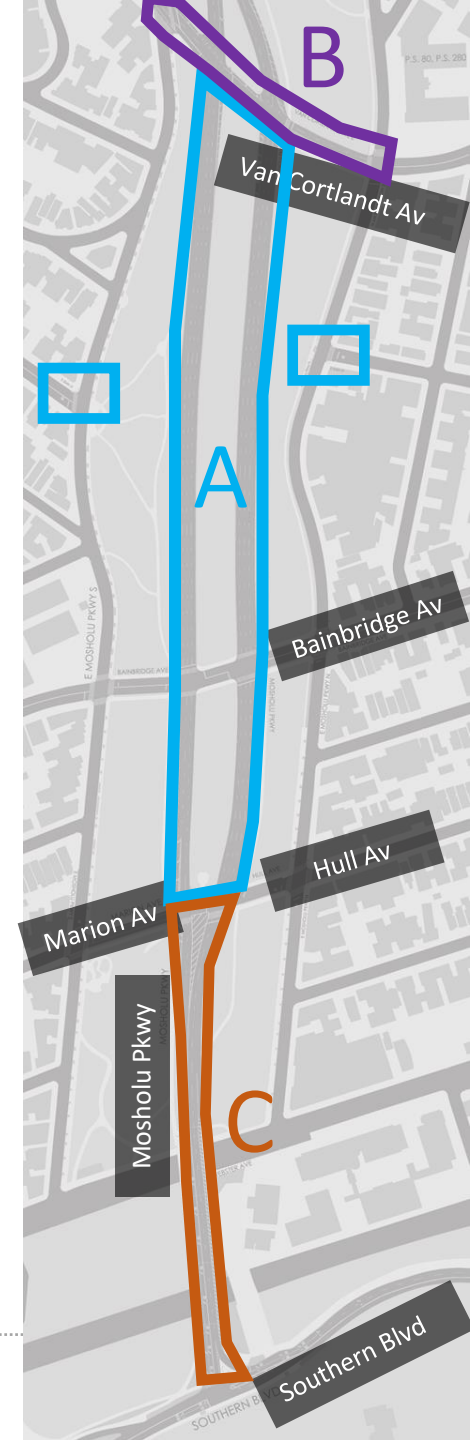
- Roadway resurfacing on Mosholu Pkwy between Marion Av and Van Cortlandt Av
- New signal installation for mid-block crossing between Van Cortlandt Av and Bainbridge Av
- Build concrete sidewalk across median for new mid-block signal
- Build concrete curb extension at E 206 St and install enhanced crosswalks
- Install enhanced crosswalk at E 204 St
- Adjust travel lanes on Mosholu Parkway between Marion Av and Van Cortlandt Av to two lanes in each direction and add a protected bike lane

## Phase B

- Build concrete sidewalk on Van Cortlandt Av
- Build concrete islands

## Phase C

- Build concrete island at Marion Av
- Reconstruct triangle island at Southern Blvd to accommodate bikes
- Install two-way bike path between Marion Av and Southern Blvd

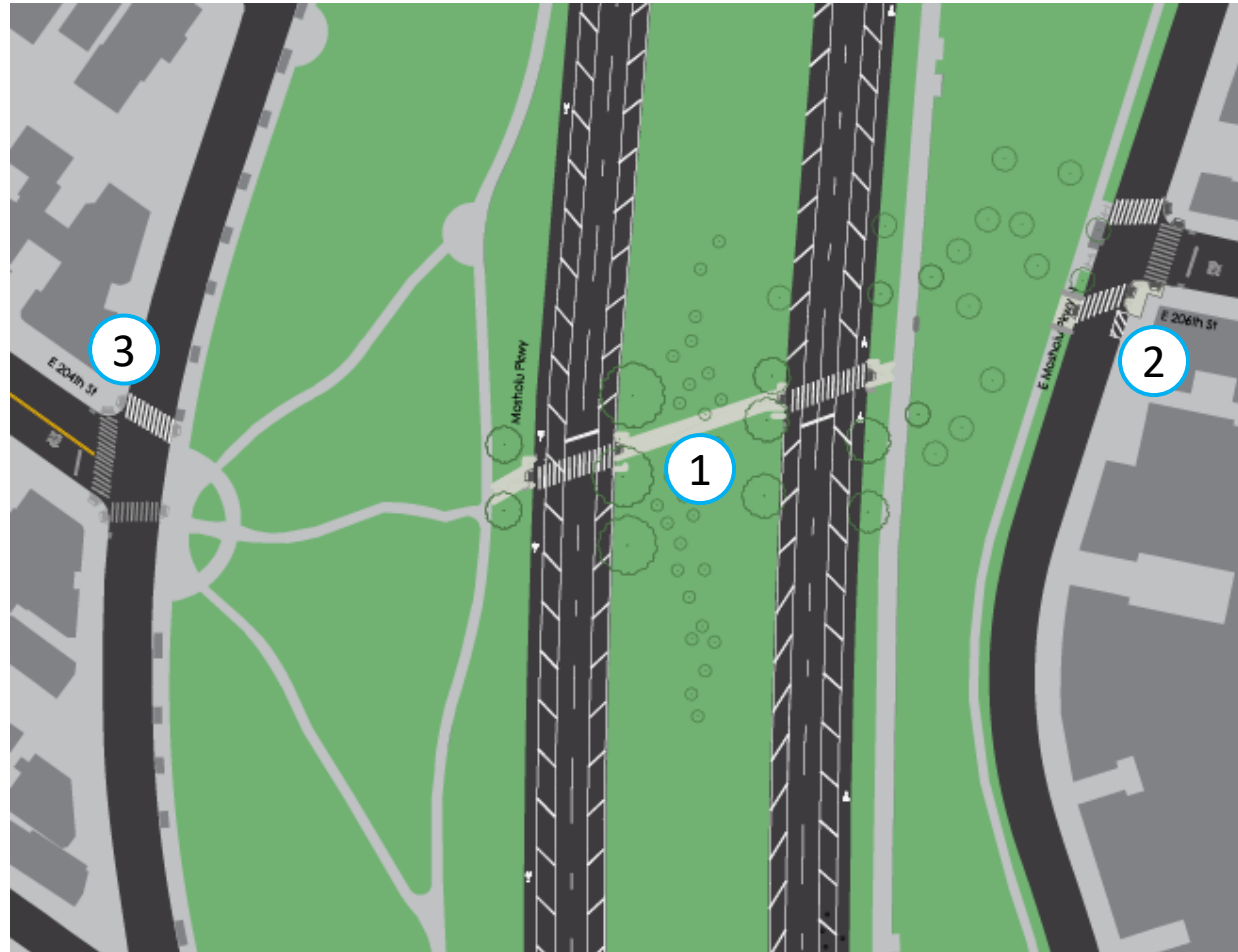




# Phase A

Resurface Mosholu Pkwy  
between Marion Av and  
Van Cortlandt Av

- 1 Install new signal and build concrete sidewalk
- 2 Install Enhanced Crossing and concrete curb extension at E 206 St
- 3 Install Enhanced Crossing at E 204 St



# Timeline and Summary

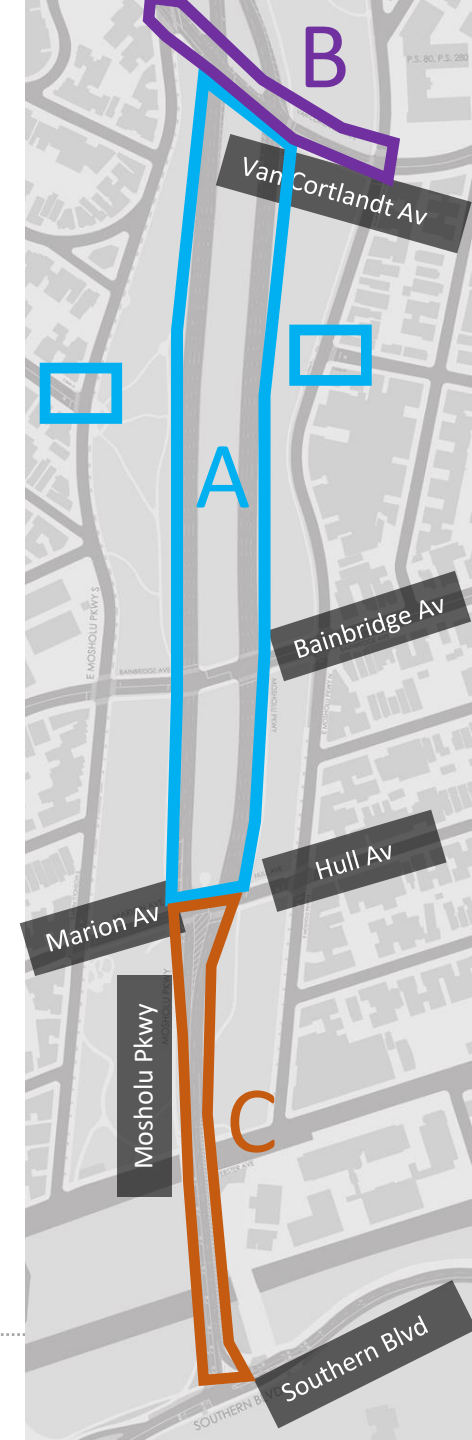
## Phase A (2022)

### Phase B

- Build concrete sidewalk on Van Cortlandt Av
- Build concrete bike islands

### Phase C

- Build concrete island at Marion Av
- Reconstruct triangle island at Southern Blvd to accommodate bikes
- Install two-way bike path between Marion Av and Southern Blvd







# Benefits

- Clarifies traffic movements
- Reduces crossing distances
- Calms turns
- Adds new pedestrian crossings
- Enhances the bike network



# Questions?

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