



9th Ave, 59th St to 34th St

Roadway Reconstruction, Pedestrian Congestion Mitigation and Bike Lane Updates
Presentation to Manhattan Community Board 4, Transportation Committee

April, 20th 2022



Agenda:

1. **DDC Project Updates (59th-51st St) and Milestones**
2. **DOT Roadway Re-Design**
 - 59th - 50th St Proposed Street Redesign
(in coordination with DDC Project MED609)
 - 48th – 34th St Planned Intersection Updates
(as part of bike lane repaving)

DDC Project Updates and Milestones



General Project Information

DDC Project ID: MED609 (9th Ave)

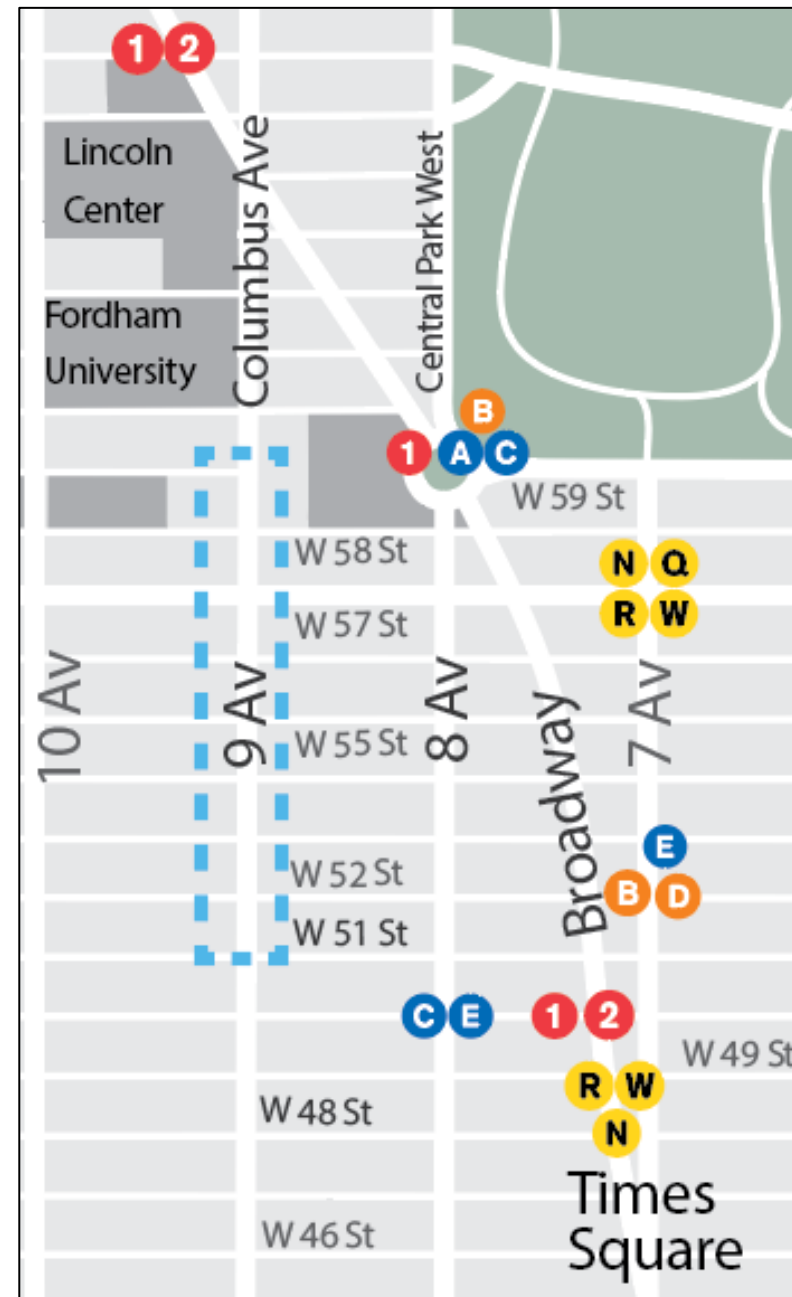
Construction Started: Summer 2017

Contractor: Waterworks, JV

Value of Work: \$29,500,00

Anticipated Completion: November 2022

Part of overall \$240M water main upgrade throughout the neighborhood



Project Status – DDC Work

2021

- All water main, sewer and catch basin, and gas main work completed
- Roadway reconstructed on blocks without Open Restaurant conflicts:
 - W. 54th St to W. 55th St
 - W. 56th St to W. 59th St

2022

- Roadway reconstruction on remaining blocks
(Beginning May 18, estimated 6 months of work)
- Permanent asphalt resurfacing and markings installation (November)

*Roadway reconstruction on other blocks was put on hold in 2021 to allow restaurants to continue operating Open Restaurant roadway dining

Project Status - Con Ed Work

- New duct banks and manholes have been installed
- New service conduits to buildings will be installed underneath the sidewalk
- New electrical feeder cables on hold due to Open Restaurant structures
- Transfer of electrical power to new system will be coordinated between Con Edison building owners

***NYC DDC does not anticipate delays due to Con Ed or other utility work**

Construction Details

- Full roadway reconstruction includes removal and replacement of concrete road base
- Construction will occur from west to east, it cannot be phased block by block
- To maintain adequate roadway capacity during construction, restaurants will need to remove Open Restaurant roadway structures by May 1st (notified March 15)
- Restaurants will be allowed to set up tables in the roadway during the International Food Festival on May 14th and 15th
- Restaurants will be generally be able to maintain Open Restaurant sidewalk seating, but may be required to move as needed, per program guidelines

NYC DOT Street Redesign

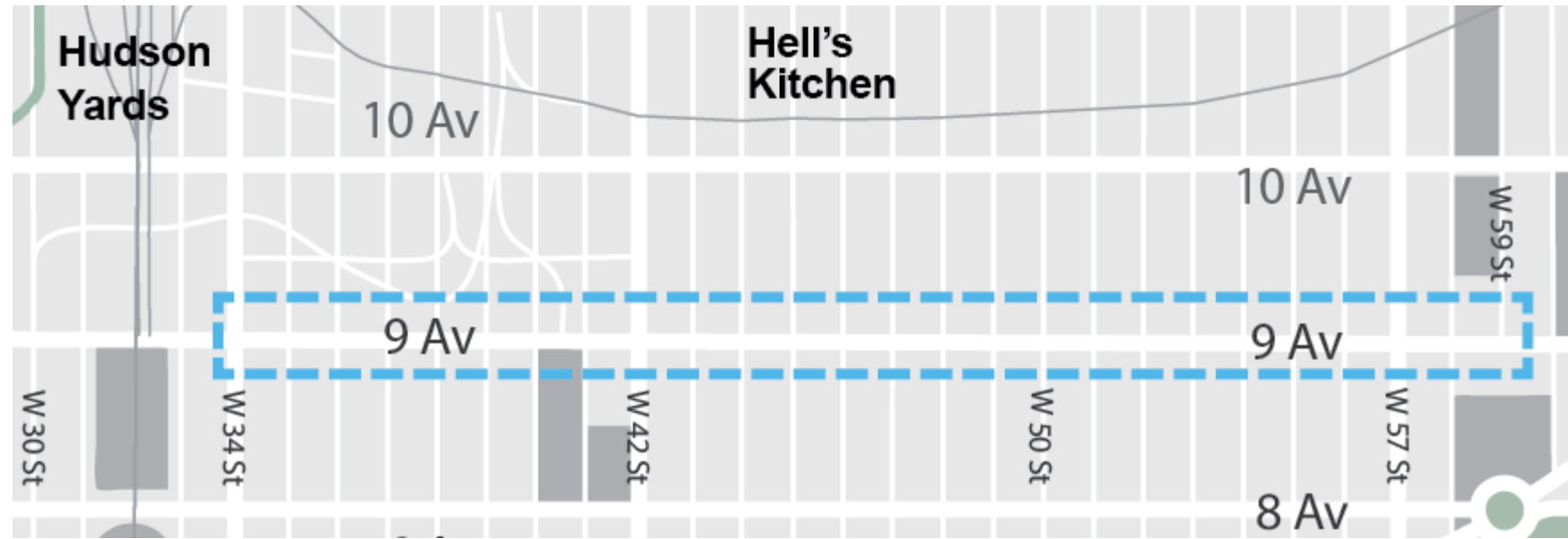
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Project Area and Background

Project Area:

9th Avenue – 59th St to 34th St

- High volume pedestrian area with many bars and restaurants
- Key bike route paired with 8th Ave
- Connection between Moynihan Station and Hudson Yards



Project Background:

- 2011: NYC DOT installed a protected bike lane with mixing zones and pedestrian islands
- 2012: DDC began water main replacement which removed one travel lane during construction
- Fall 2021: NYC DOT repaved 9th Ave bike lane between 50th and 34th St
- 2022: DDC plans to complete roadway reconstruction following water main work
- CB4 requested that DDC and DOT formalize the removal of one travel lane, expand the east sidewalk, relocate the concrete pedestrian islands, and replace the mixing zones with offset crossings from 50th St to 58th St

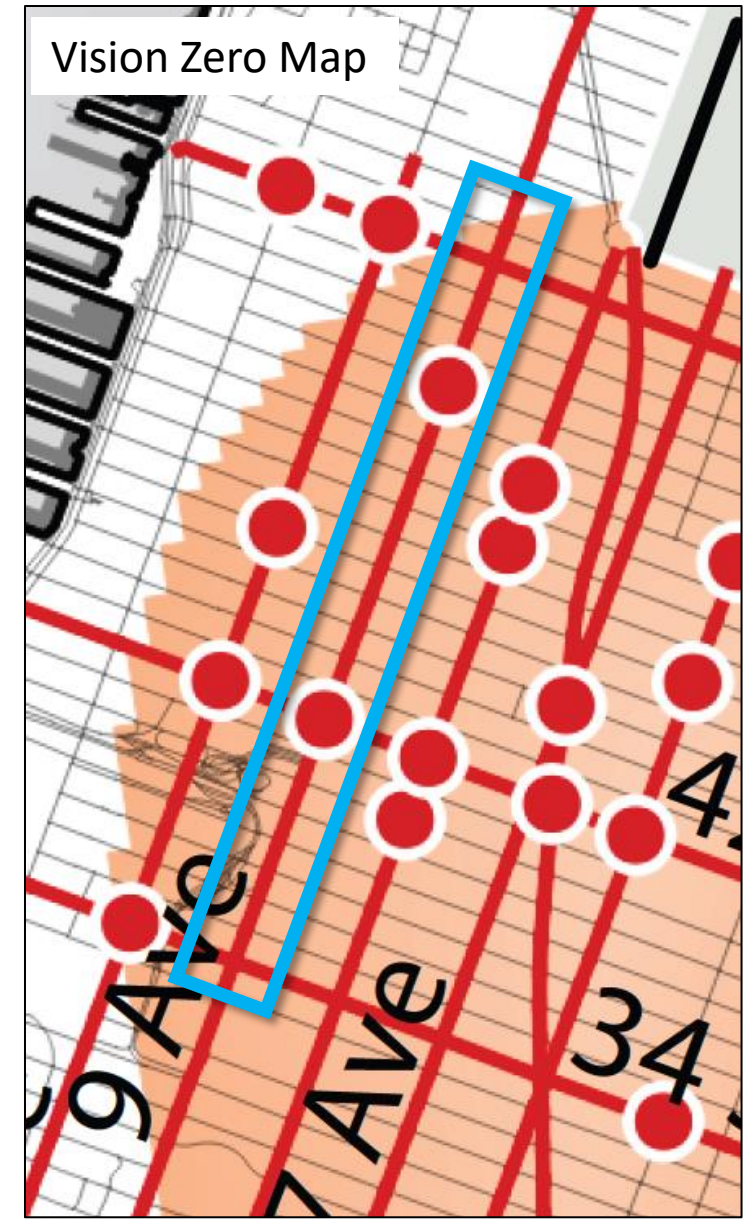
9th Avenue Safety Data

- 9th Avenue is a Vision Zero Priority Corridor and is in a Vision Zero Priority Area.

9th Avenue – 59th St to 34th St

Injury Summary, 2015-2019 (5 years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	252	27	0	27
Bicyclists	71	6	0	6
Motor Vehicle Occupant	215	11	0	11
Total	538	44	0	44



Project
Extents



9th Ave Design Updates

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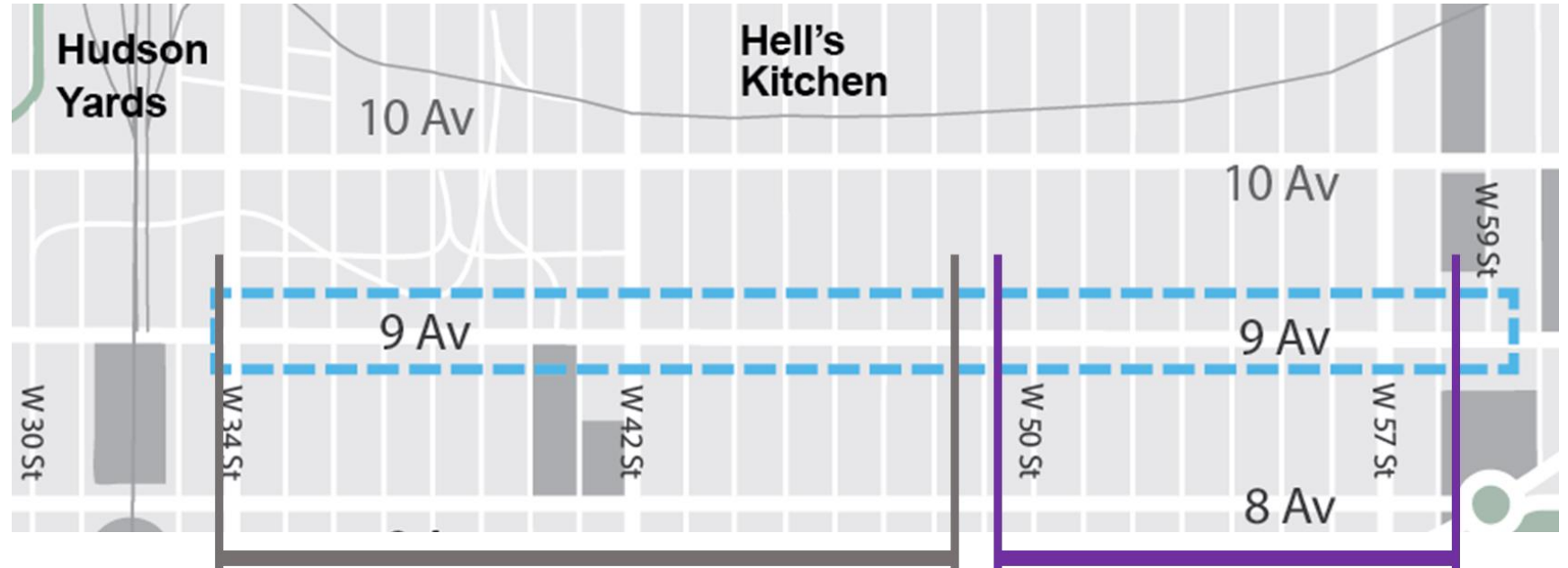
50th St to 59th St Proposed Street Redesign

Sidewalk Widening
Offset Crossings

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48th St to 34th St Planned Intersection Updates

Bike Lane Repaving
Offset Crossings



*51st St to 59th St
to be installed by
NYC DDC*

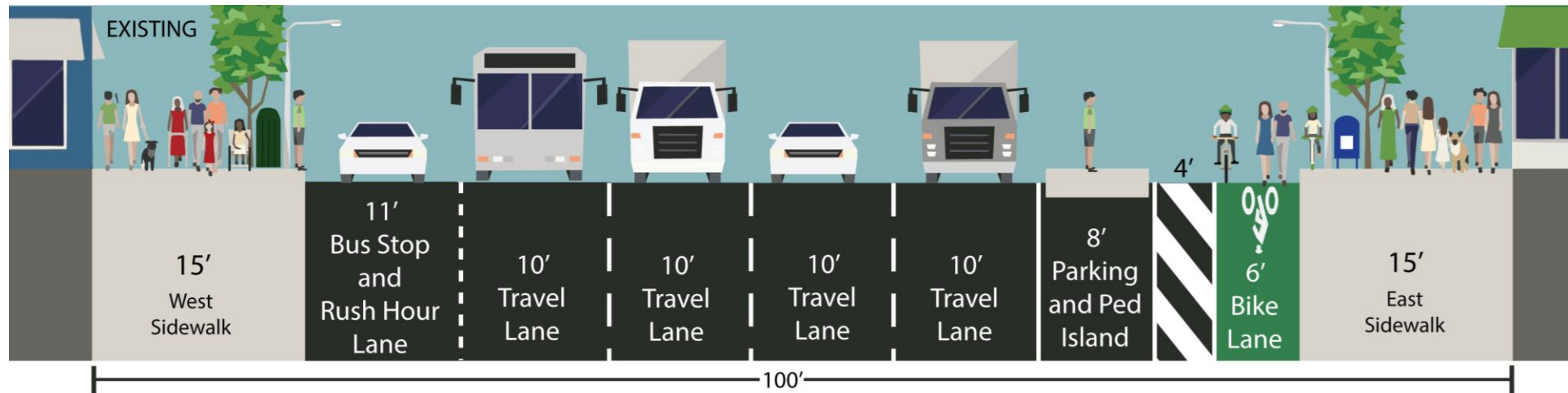
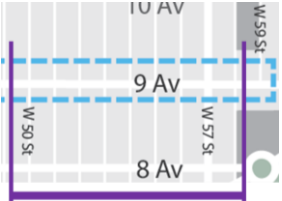
*51st to 50th St
to be installed by
NYC DOT*

Existing Block Configuration- Pre-DDC Construction

- 15' sidewalks
- 4 general travel lanes
- One rush hour lane active in the AM and PM on the west curb
- Parking-protected bike lane with mixing zones
- 3-hour commercial metered parking during the day and 2-hour metered parking in the evening hours

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50th St to 59th St
Proposed Street
Redesign



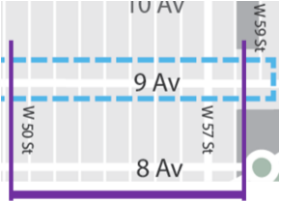
Insufficient Sidewalk Space

- High number of restaurants creates very active sidewalks
- Street trees and street furnishings create consistent pinch points



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50th St to 59th St
Proposed Street
Redesign

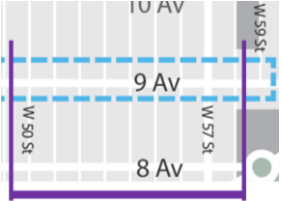


Non functional Rush Hour Lane

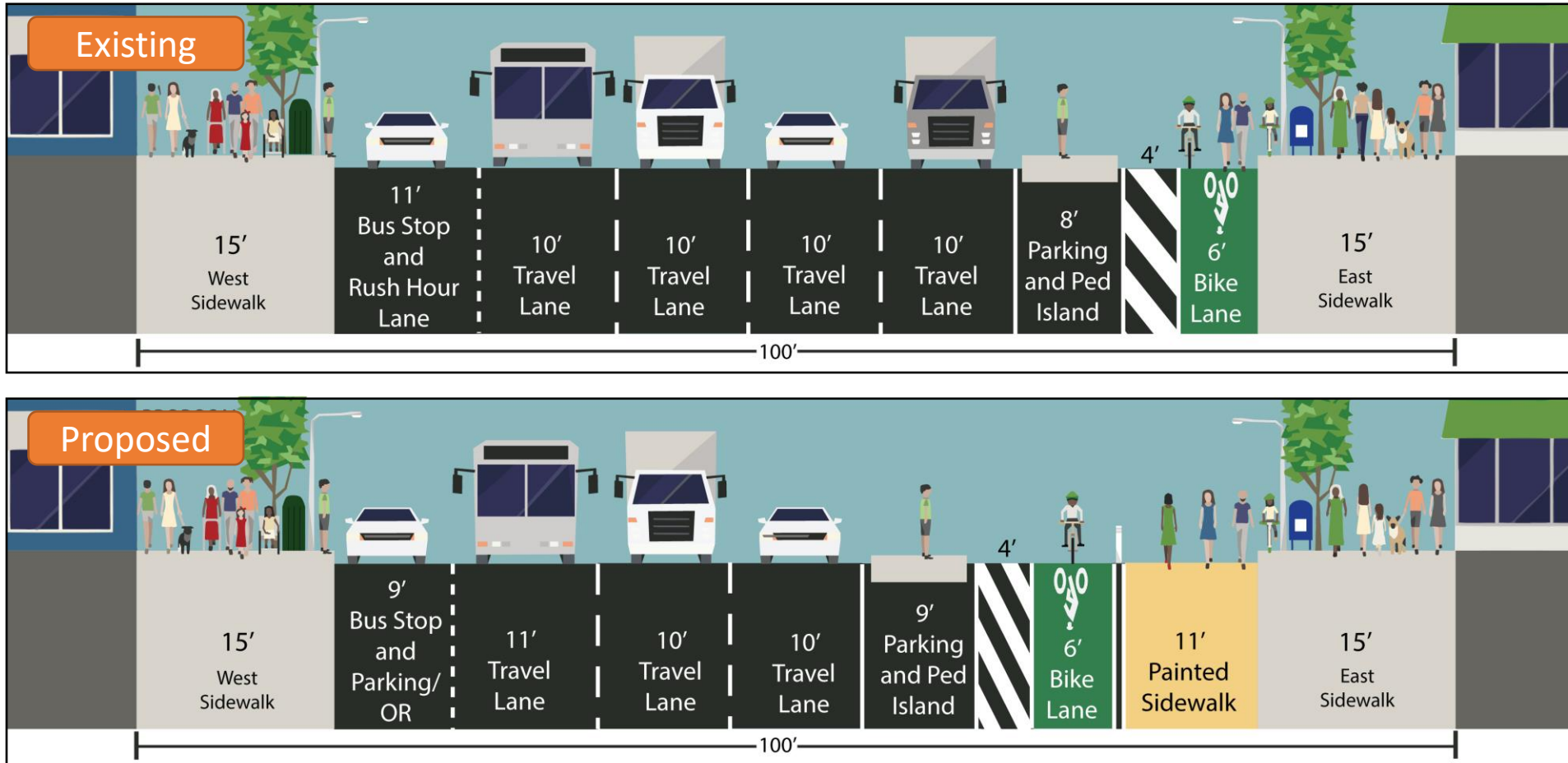
- High number of restaurants creates demand for curb access for commercial loading and drop-offs
- Rush hour lane typically obstructed due to high curbside use
- Obstructions and loading in rush hour lane results in last minute lane changes/weaving
- Traffic volumes do not warrant additional moving lane

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50th St to 59th St
Proposed Street
Redesign

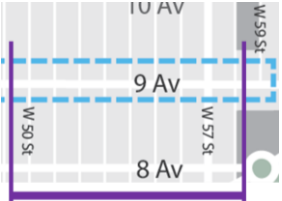


9th Ave Proposal- Cross-Section



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50th St to 59th St
Proposed Street
Redesign



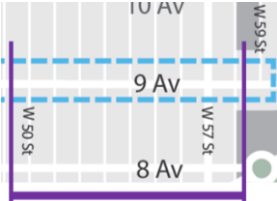
- Add painted sidewalk expansion on east curb from 58th St to 50th St
- Expand commercial loading by removing rush hour regulation on west curb
- Update mixing zones to offset crossings, add new concrete islands

9th Ave Proposal



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50th St to 59th St
Proposed Street Redesign

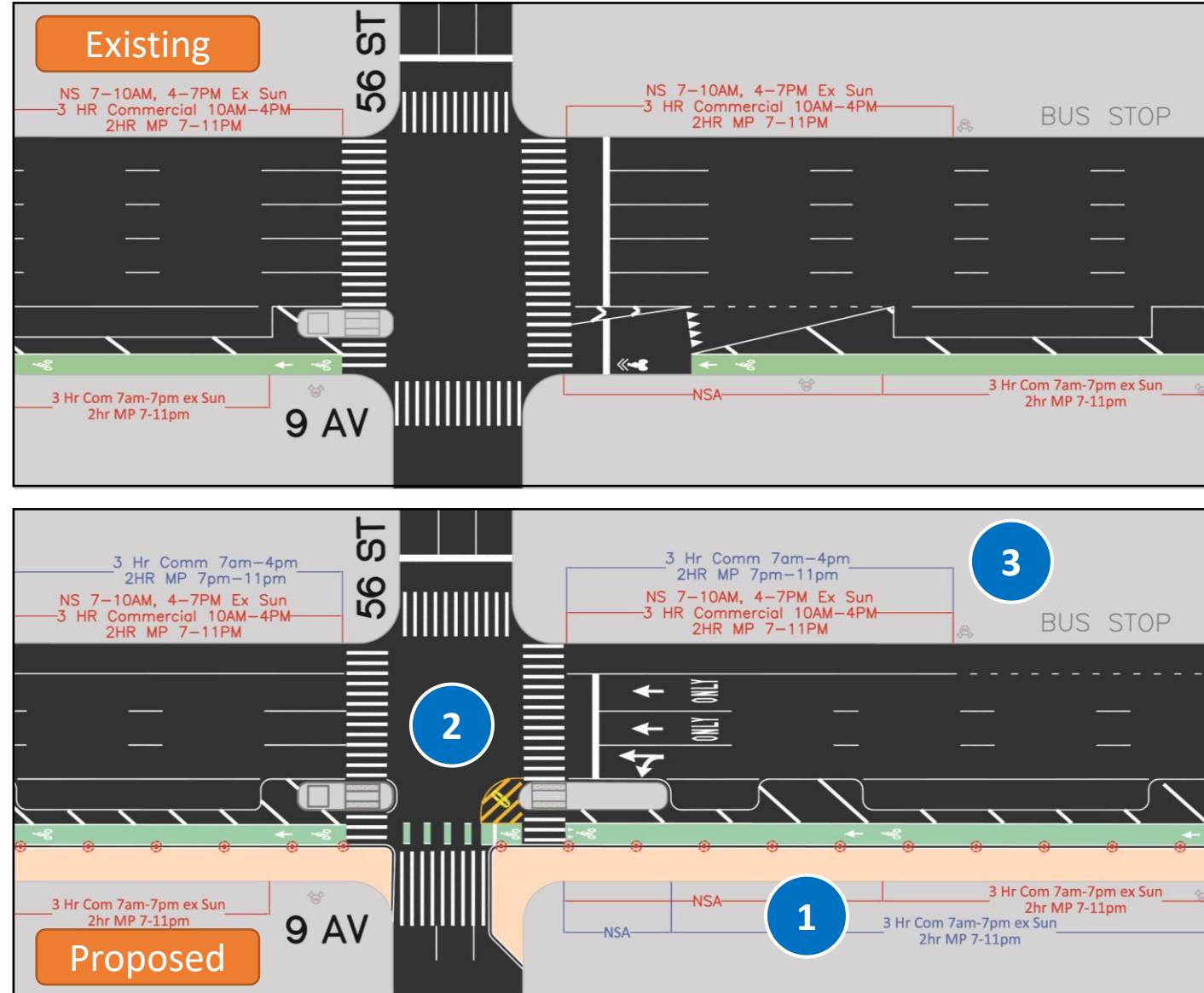


Similar to treatment implemented in 2019 on 8th Avenue
between 38th and 42nd St

9th Ave – Typical Intersection with Expanded Sidewalk

50th - 59th St

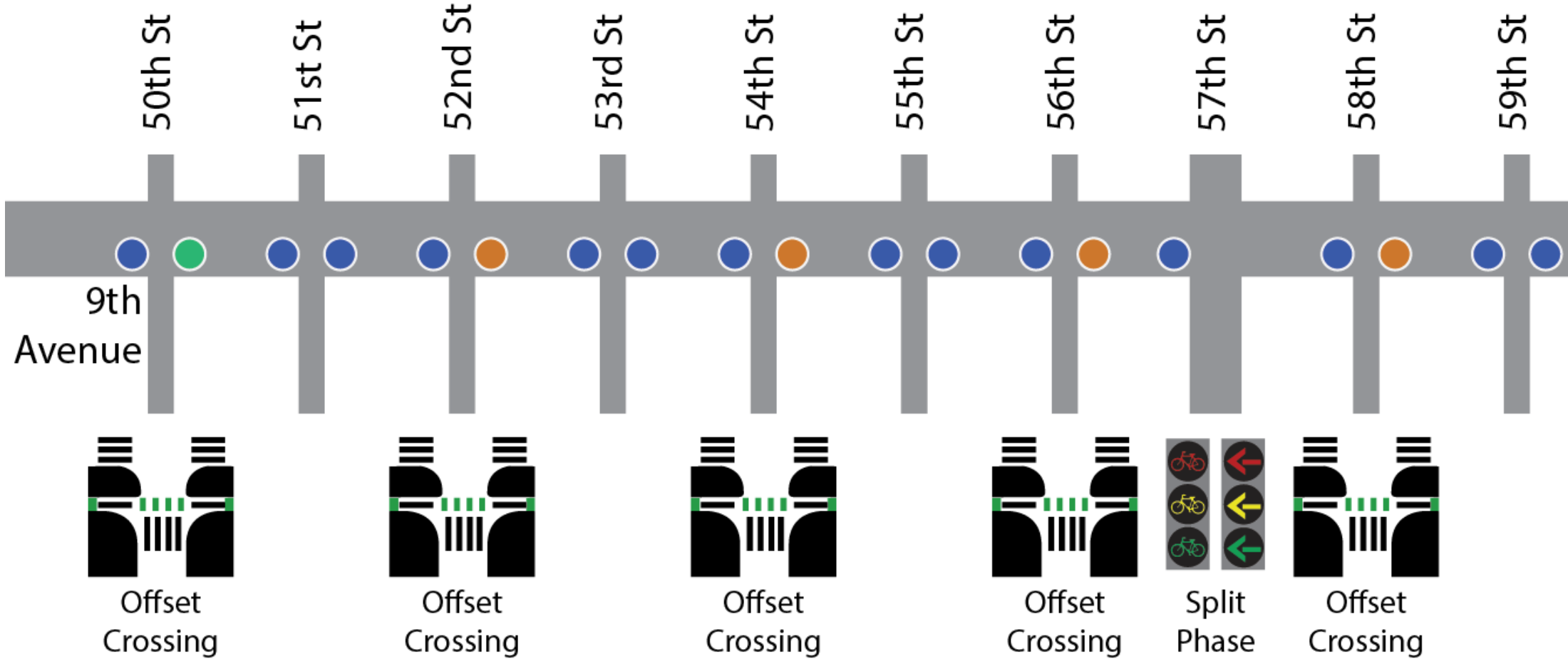
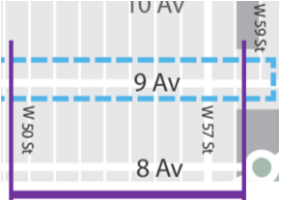
- 1 Add Painted Sidewalk Extension
- 2 Install offset crossings with new pedestrian islands
- 3 Add commercial loading, remove rush hour lane



9th Ave – New Islands at Offset Crossings

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50th St to 59th St
Proposed Street
Redesign



- Existing (Relocated) Island
- Proposed Concrete Island
- Proposed Painted Island

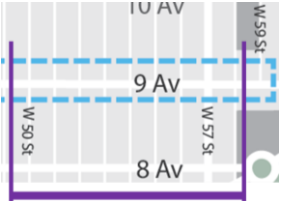
Project Benefits

- Expanded pedestrian space
- Shortened pedestrian crossings
- Updated intersection treatments for cyclists
- Expanded commercial loading



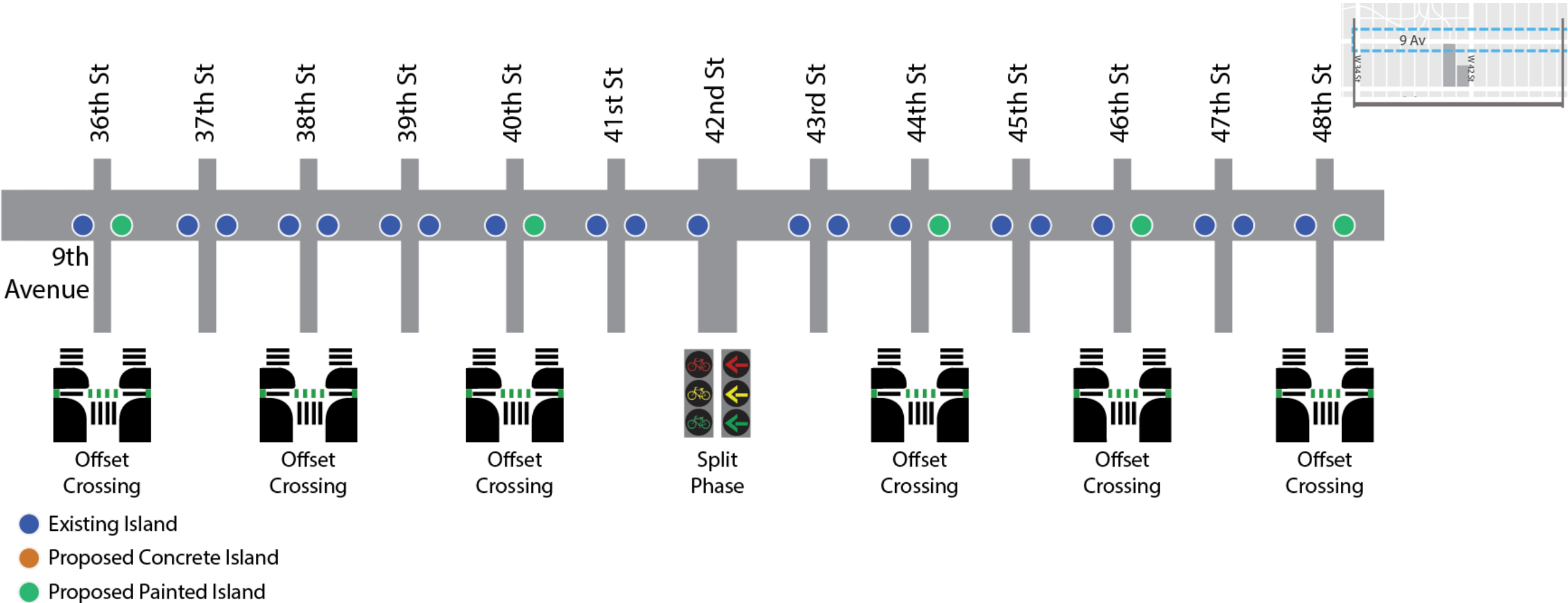
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50th St to 59th St
Proposed Street
Redesign



9th Ave Repaving and Intersection Updates – 48th St to 34th St

48th St to 34th St
Planned Intersection
Updates



Thank You!

Questions?



Appendix - Phasing

