

Woodhaven Boulevard, Capital Projects

Queens Boulevard to 107 Avenue

Community Board 10

**Transportation, Public Transit,
Street Safety Committee**

December 2, 2024



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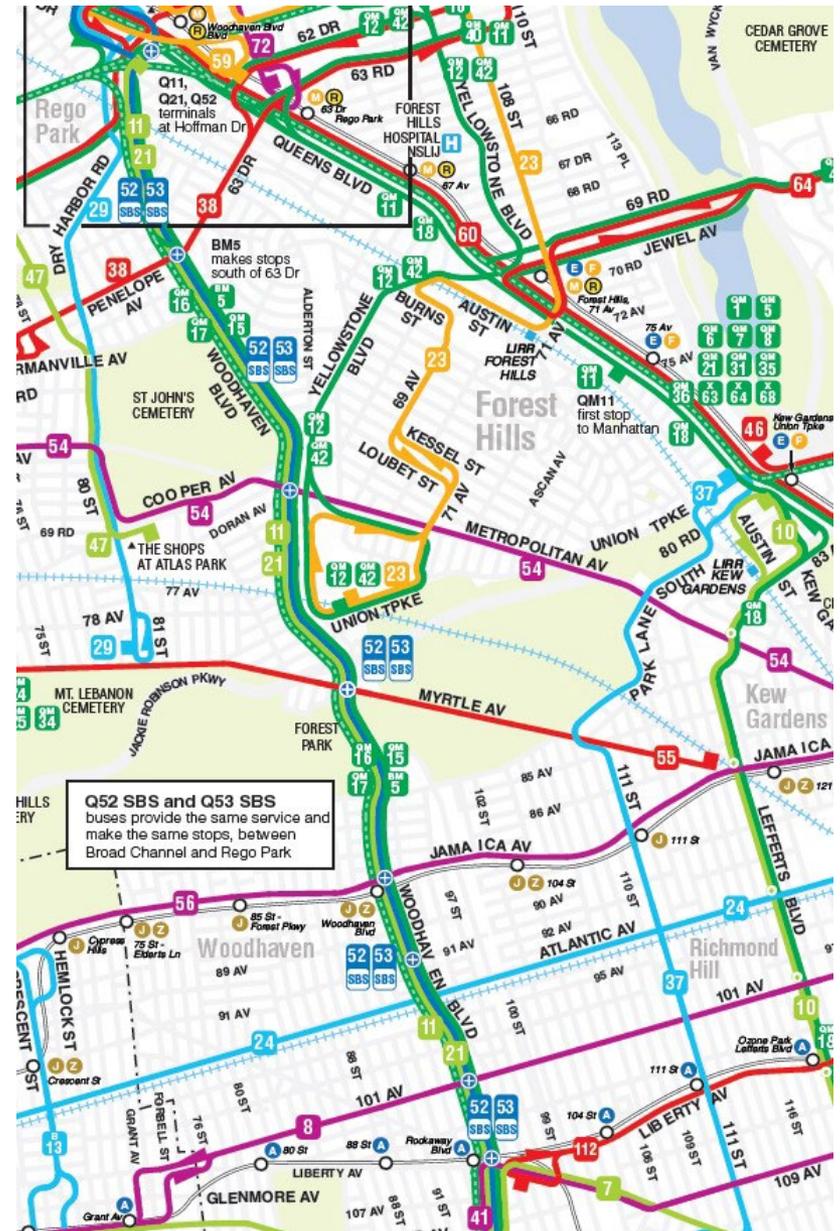
- Woodhaven Blvd Phase B

4. Next Steps and Discussion

Background

Woodhaven Boulevard

- Major bus corridor hosting the Q52/Q53 Select Bus Service, with:
 - 30,000+ daily riders
 - Connections to Queens Boulevard, the Rockaways
 - 8 subway lines
 - 20 Local and Express bus routes
- Vision Zero Priority Corridor since 2019
- Vision Zero Priority Intersections (3)
 - Woodhaven Blvd & Myrtle Av
 - Woodhaven Blvd & Jamaica Av
 - Woodhaven Blvd & Rockaway Blvd
- 56 people have been killed or severely injured on Woodhaven Boulevard in the past 5 years (2019 - 2023)
 - Compared to 69 over the 5 years prior (2014 - 2018). 19% decrease.



2017 Street Improvement Project

- 6.85 miles of bus lanes installed on Woodhaven Blvd as part of Q52/Q53 Select Bus Service (SBS) launch in 2017:
 - Offset Alignment
 - 3.95 miles
 - Queens Blvd to Park Ln South
 - Median Alignment
 - 1.53 miles
 - Park Ln South to Rockaway Blvd
 - Curbside Alignment
 - 1.37 miles
 - Rockaway Blvd to N Conduit Av



2017 Street Improvement Project

Woodhaven Blvd & 101 Av

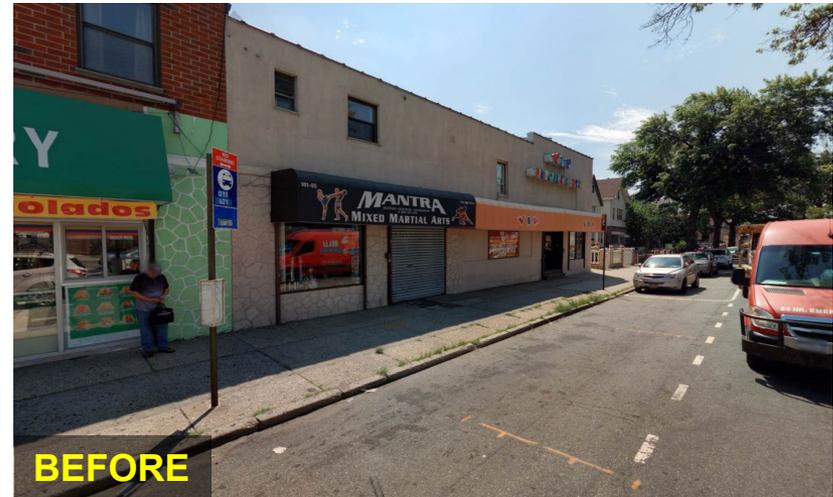
- Treatments included:
 - Bus Boarding Islands
 - for 12 bus stops
 - creating one of NYC's first median-running bus corridors



2017 Street Improvement Project

Woodhaven Blvd & 101 Av

- Treatments included:
 - Bus Boarding Islands
 - Bus Stop Amenities
 - Bus Shelters
 - Real-Time Passenger Information & WalkNYC Wayfinding
 - Seating
 - Decorative Fencing



2017 Street Improvement Project

Woodhaven Blvd & 86 Rd

- Treatments included:
 - Bus Boarding Islands
 - Bus Stop Amenities
 - Pedestrian Safety Measures
 - at 14 intersections



2017 Street Improvement Project

Woodhaven Blvd & 81 Rd

- Treatments included:
 - Bus Boarding Islands
 - Bus Stop Amenities
 - Pedestrian Safety Measures
 - Refurbished Medians
 - new ADA compliant pedestrian refuges at 11 intersections



Performance



Woodhaven Blvd – Bus Improvements

- Bus travel times improved an average of 3 minutes in each direction (**10% improvement**).
- On-time performance **improved up to 80%**.
- northbound Q52/Q53 late arrival shrunk from 52% of the time to 10% of the time (2019 vs. 2017).



Woodhaven Blvd – Safety Improvements

Since implementation, all categories of crashes and injuries are down along the corridor (2017 vs. 2023, NYPD):

- Pedestrian injuries are **down 20%**.
- Cyclist injuries are **down 80%**.
- Motor Vehicle crashes are **down 36%**.
- Total Incidents are **down 33%**.

Year	Ped.	Cyclist	Vehicle	Total
2017	30	16	252	298
2018	24	14	222	260
2019	29	12	255	296
2020	22	13	147	182
2021	19	10	153	189
2022	22	14	156	207
2023	24	10	161	199

Woodhaven Blvd – Challenges Remain

- Pedestrian safety measures don't have full impact until solidified with permanent materials.
- Crowding and lack of amenities at bus stops.
- Large sections of the roadway and many of the medians remain in poor condition.
- Some bus operations issues remain.



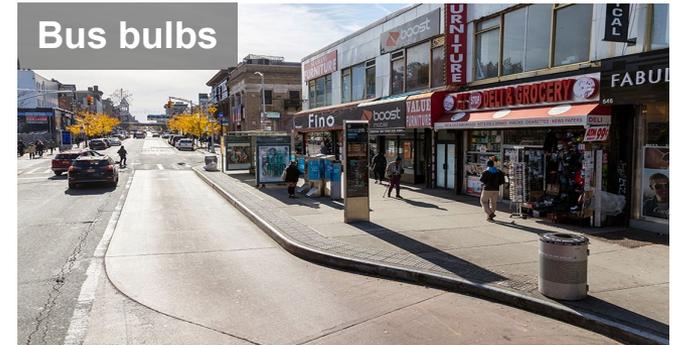
Woodhaven Blvd – Capital Goals / Toolkit

- Build out temporary pedestrian safety measures to solidify them with permanent materials.
- Install additional pedestrian safety measures that couldn't be implemented as part of the in-house 2017 street improvement project.
- Create more pedestrian circulation space and add amenities at bus stops.
- Add trees and other landscape elements throughout corridor.

Curb extensions



Bus bulbs



Landscaped medians



Upcoming Capital Projects

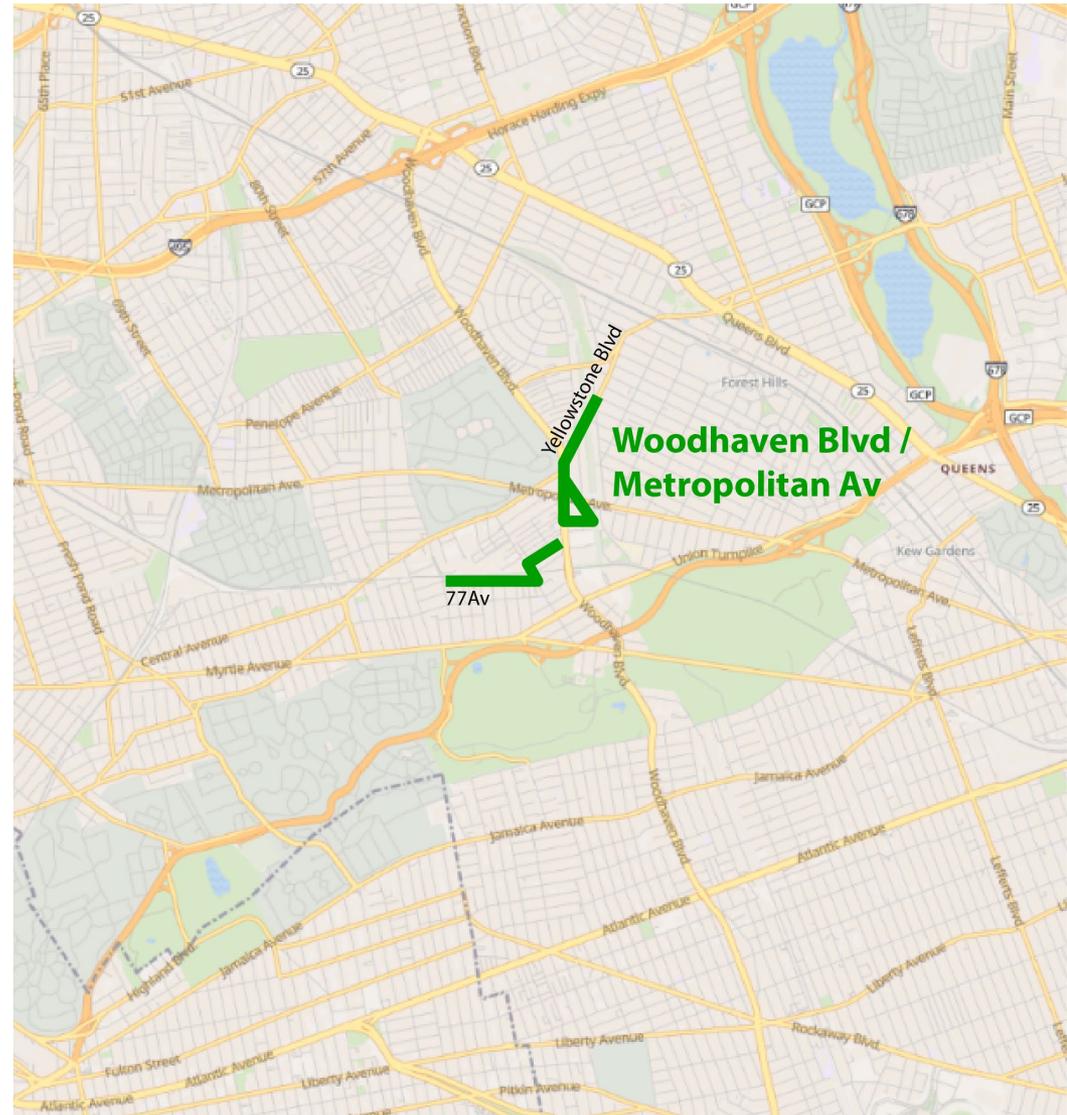
Woodhaven Blvd Capital Projects

- **Woodhaven Blvd Phase B**
 - Union Turnpike to 107 Av
 - Status: Design
 - CB5, CB6, CB9, CB10
 - Est. Construction: 2026
- **Woodhaven Blvd – Metropolitan Av**
 - Woodhaven Blvd from Yellowstone Blvd to 77 Av
 - Status: Scoping
 - CB5, CB6
 - Est. Construction: 2028
- **Woodhaven Blvd Phase C**
 - Queens Blvd to 66 Av
 - Status: Conceptual
 - CB5, CB6
 - Est. Construction: TBD



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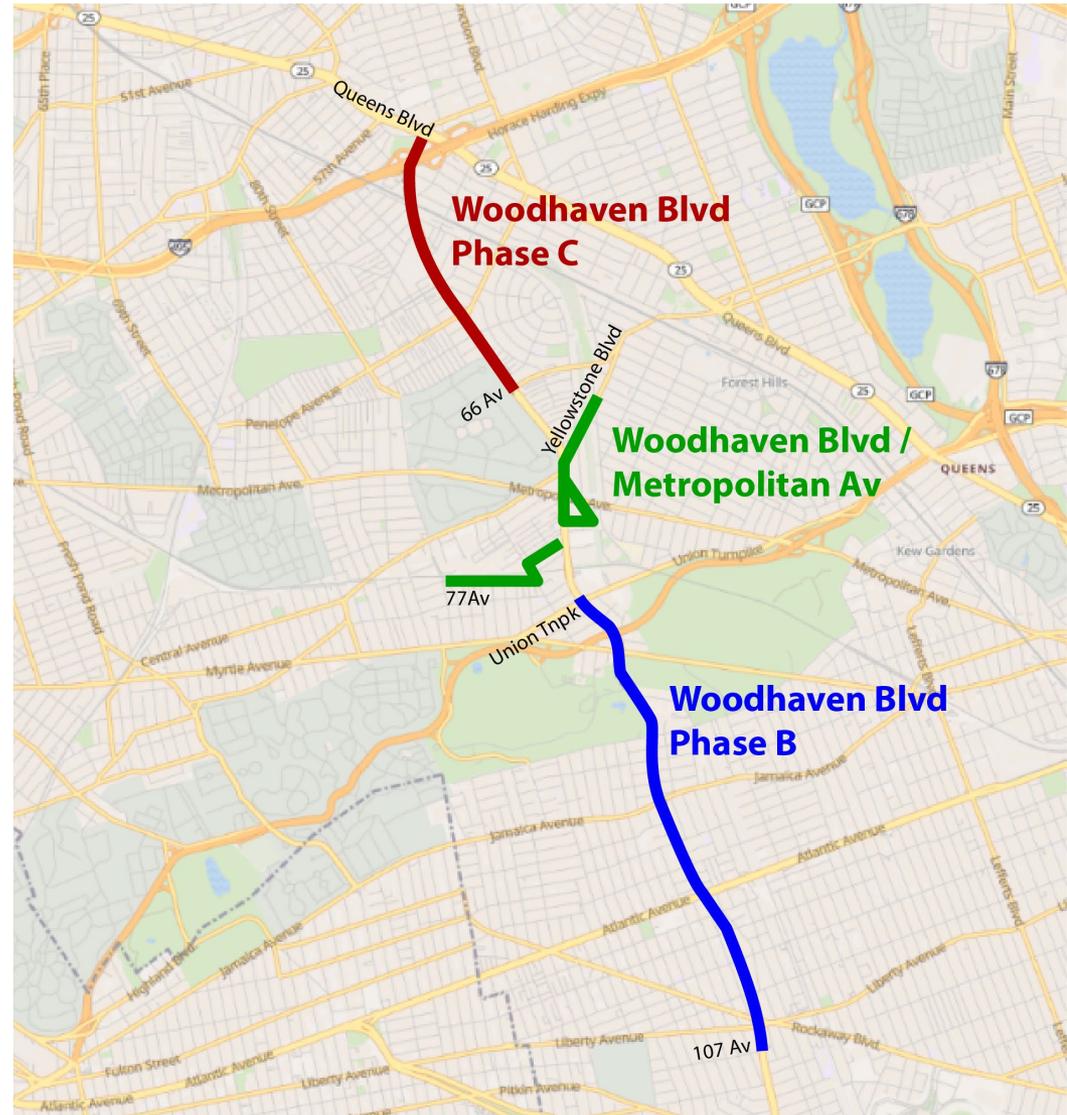
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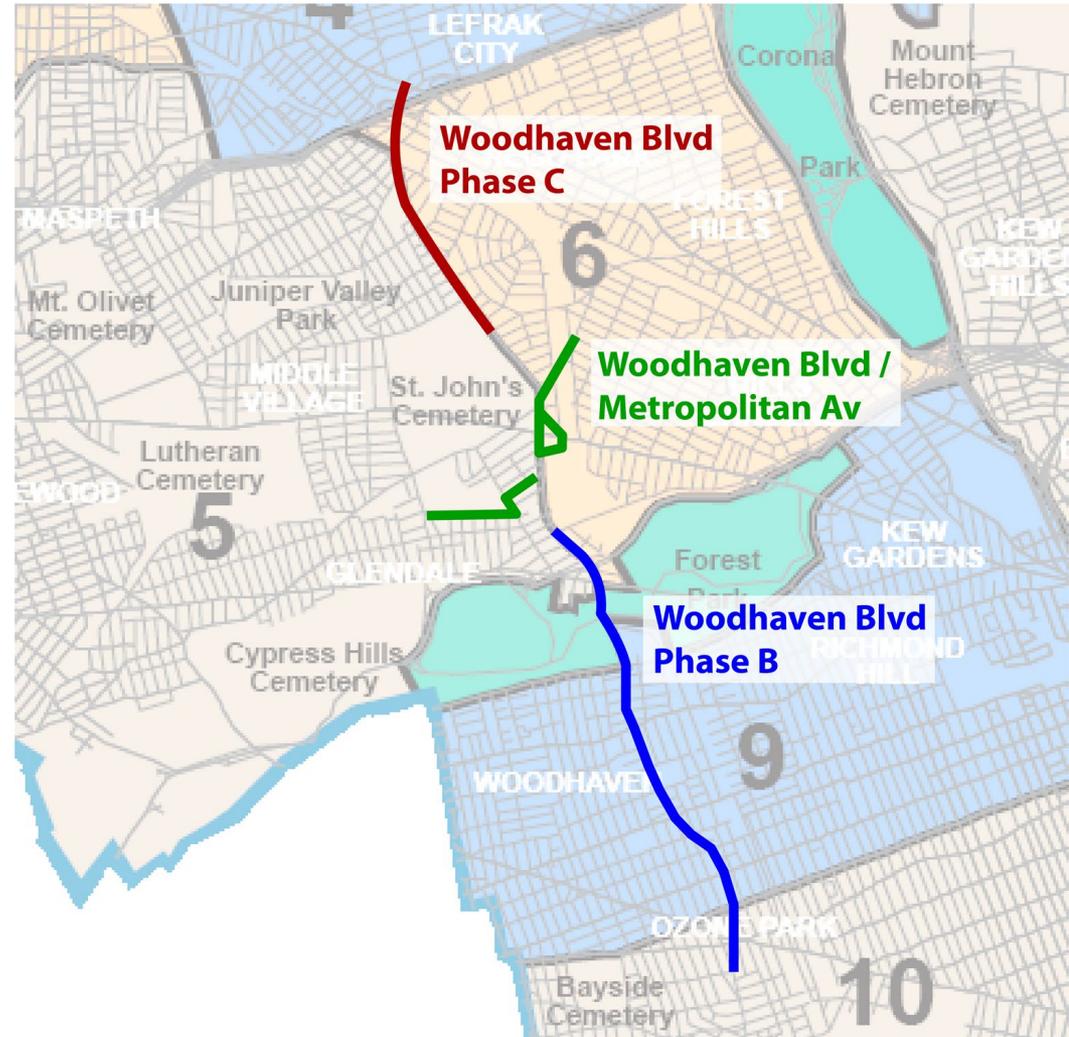
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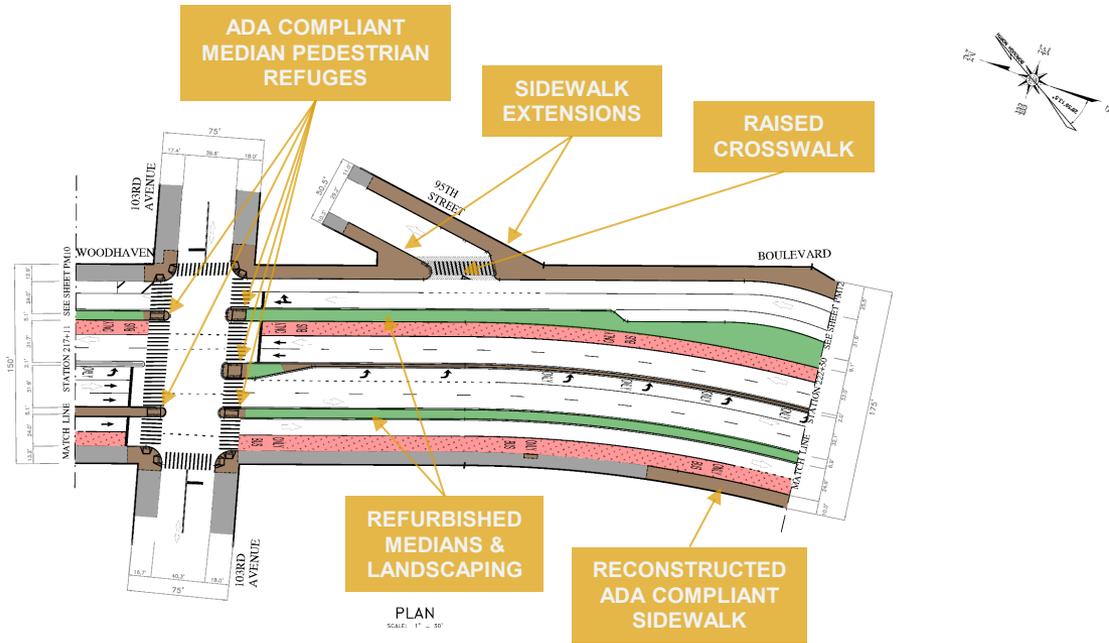
Woodhaven Blvd Phase B

- Maintain:
 - Alignment of bus lanes
 - Operational hours of bus lanes
- Upgrade:
 - 16 Bus Stops
 - 17 Sidewalk Extensions
 - 12 Shortened Crossings
 - 38 Medians/Median Tips
- Add:
 - 7 Additional Crossings
 - 3 Raised Crosswalks
 - 75+ Street Trees
 - 10,000+ ft² Landscaped Area

Woodhaven Blvd & 95 St



Woodhaven Blvd Phase B – Site Plans



PLAN
SCALE: 1" = 30'

LEGEND	
	NEW CONCRETE
	NEW MEDIAN PLANTING
	EXISTING/REMAINING CONCRETE
	BUS LANE

1030563630 SURVEY, RESEARCH, ETC.
W.C. WILLARD ENGINEERING AND LAND SURVEYING P.C.
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
CITY INC.
SIGNATURE: _____ DATE: _____

DRAWN BY: N. DEBASS
SCALE: AS SHOWN
CADD FILE: 030324.02.DWG

CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

WOODHAVEN BLVD
STATION 217+11 TO 222+50

NO.	DATE	DESCRIPTION / REVISIONS	BY	APPROV.

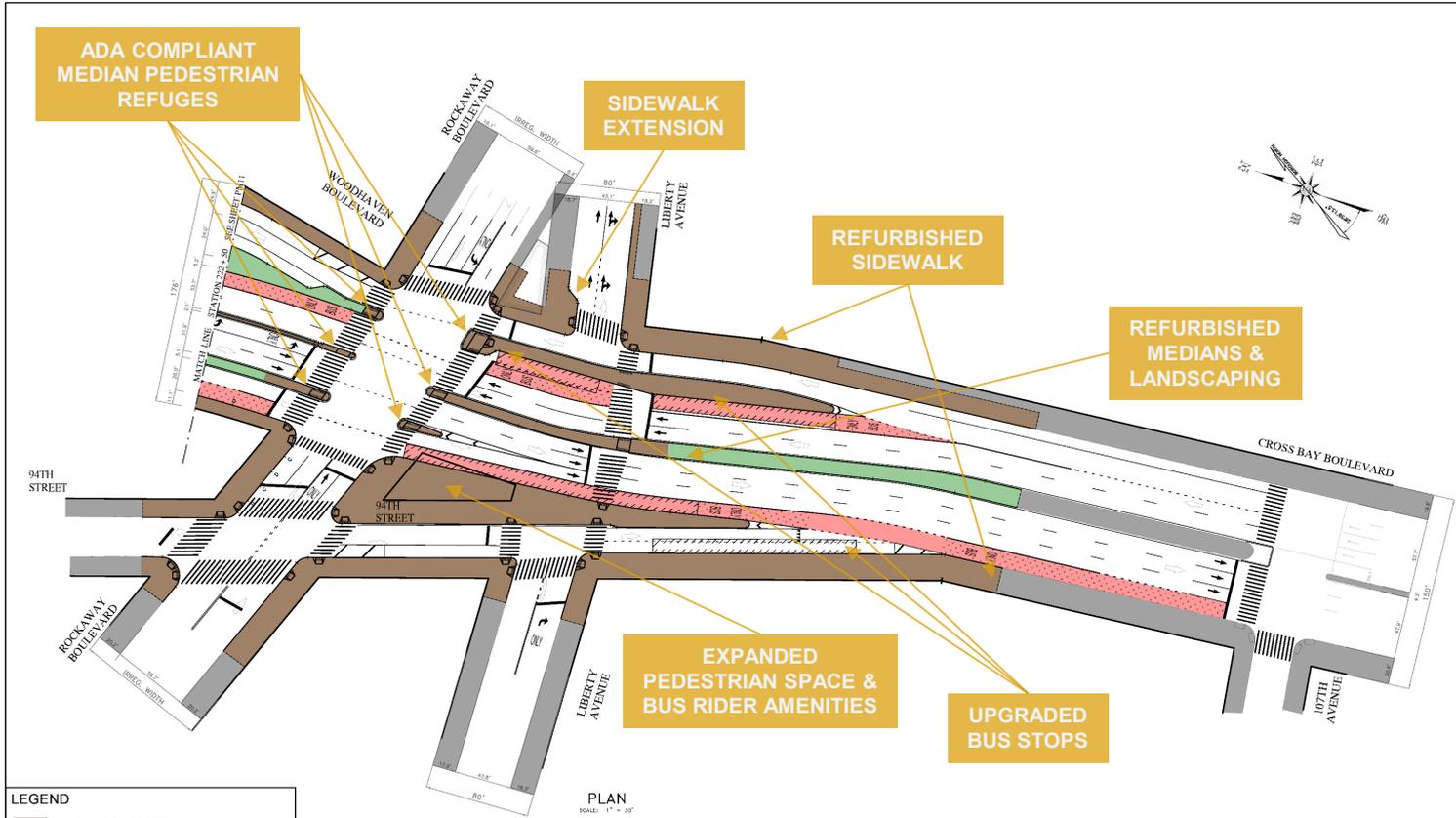
WOODHAVEN BOULEVARD SRS - PHASE B
FROM UNION TURNPIKE TO 107TH AVENUE

BOROUGH OF QUEENS
DATE: 07/26/2024
PROJECT ID: HWQ100SBB
SHEET 123 OF 179

CAPITAL PROJECT: INFRASTRUCTURE WOODHAVEN BOULEVARD - PHASE B QUEENS

CONSULTANT DESIGN

Woodhaven Blvd Phase B – Site Plans



LEGEND

- NEW CONCRETE
- NEW MEDIAN PLANTING
- EXISTING/REMAINING CONCRETE
- BUS LANE

PLAN
SCALE: 1" = 30'

1050SARACIC SURVEY, PEARSON, LLC.
W.C. WILLARD ENGINEERING AND LAND SURVEYING P.C.
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
CITY INC.
NAME OF CONSULTANT
SIGNATURE: _____ DATE: _____

DRAWN BY: BPS
CADD FILE: \2023\08\08\08\08\08

SCALE:
AS SHOWN

CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

WOODHAVEN BLVD
STATION 222+50 TO 231+53

NO.	DATE	DESCRIPTION / REVISIONS	BY	APPROV.

BOROUGH OF QUEENS
DATE: 07/26/2024
PROJECT ID: HWQ100SB8
SHEET: 126 OF 179

CAPITAL PROJECT: INFRASTRUCTURE WOODHAVEN BOULEVARD - PHASE B QUEENS

CONSULTANT DESIGN

Next Steps & Discussion

Next Steps by Project

- **Woodhaven Blvd Phase B**
 - Design Completion: mid-2025
 - Construction Start: early-2026
- **Woodhaven Blvd – Metropolitan Av**
 - Design Start: early-2025
 - Next CB Design Review: late-2026
- **Woodhaven Blvd Phase C**
 - Scoping Start: early-2025
 - Design Start: TBD



Thank You!

Questions?



NYCDOT



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