

# Woodhaven Boulevard, Capital Projects

Queens Boulevard to 107 Avenue

**Community Board 9**

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

**December 19, 2024**



# Table of Contents

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## 1. Background

- 2017 Street Improvement Project (SIP)

## 2. Performance

## 3. Upcoming Capital Projects

- Woodhaven Blvd Phase B

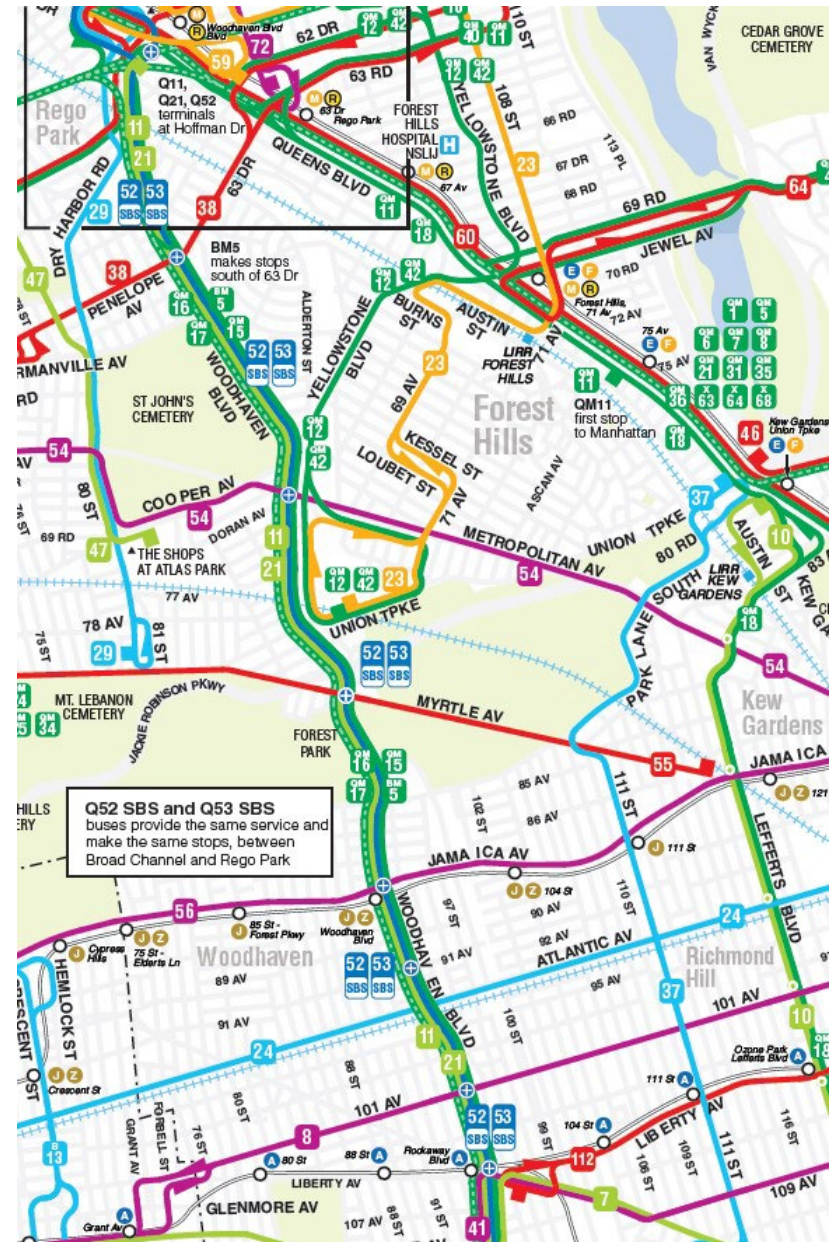
## 4. Next Steps and Discussion

# 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.

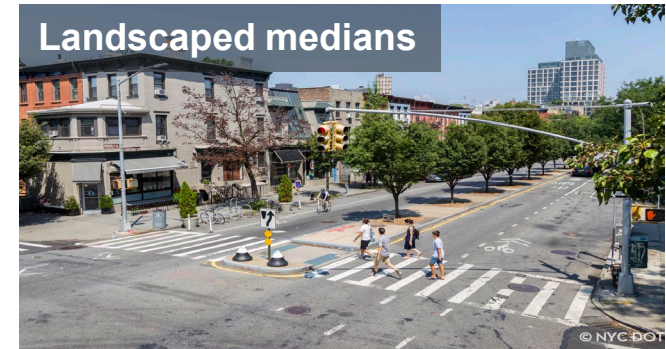
Curb extensions



Bus bulbs



Landscaped medians



# Upcoming Capital Projects

# Woodhaven Blvd Capital Projects

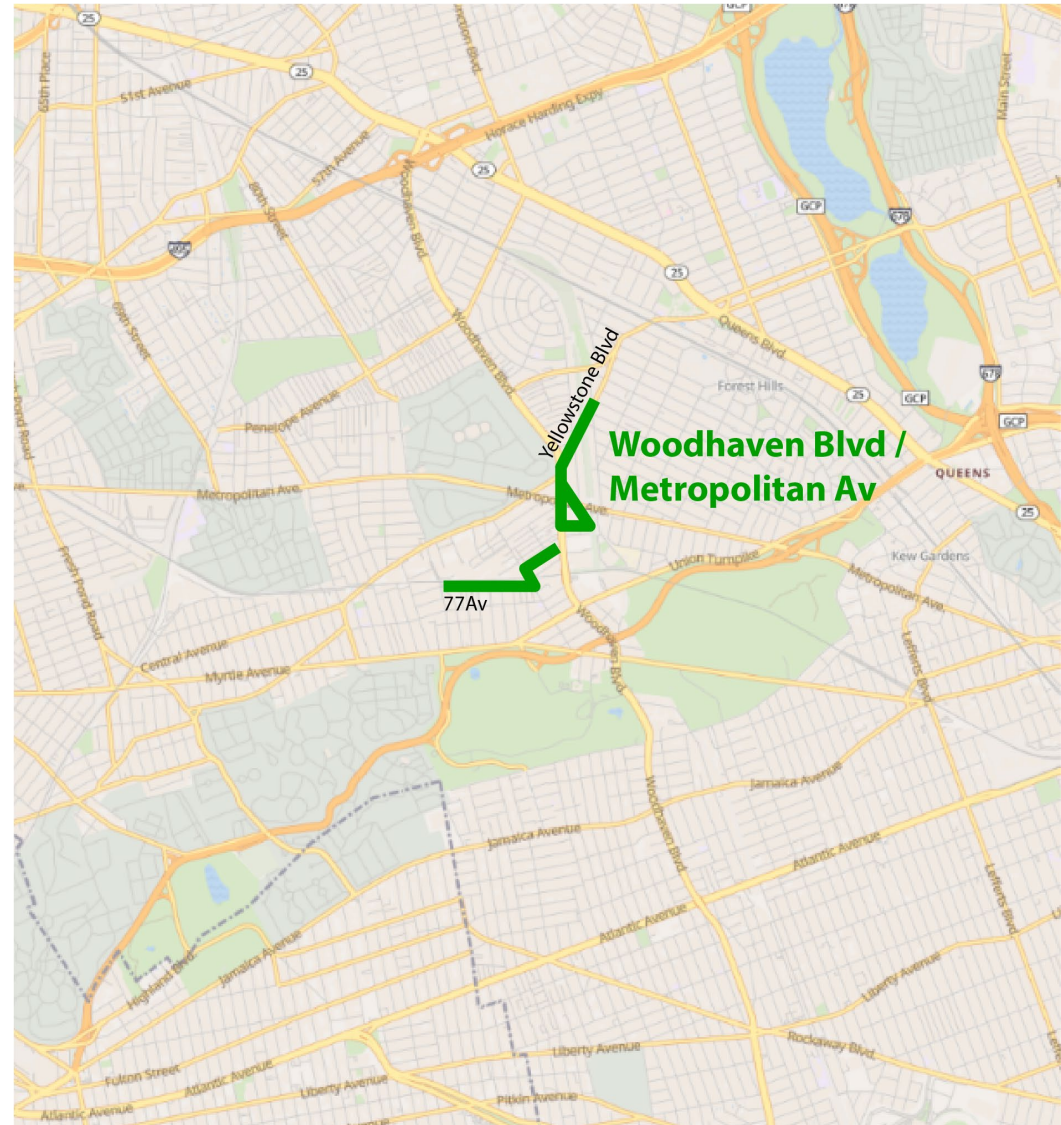
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  - Union Turnpike to 107 Av
  - Status: Design
  - CB5, CB6, CB9, CB10
  - Est. Construction: 2026
- **Woodhaven Blvd – Metropolitan Av**
  - Woodhaven Blvd from Yellowstone Blvd to 77 Av
  - Status: Scoping
  - CB5, CB6
  - Est. Construction: 2028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





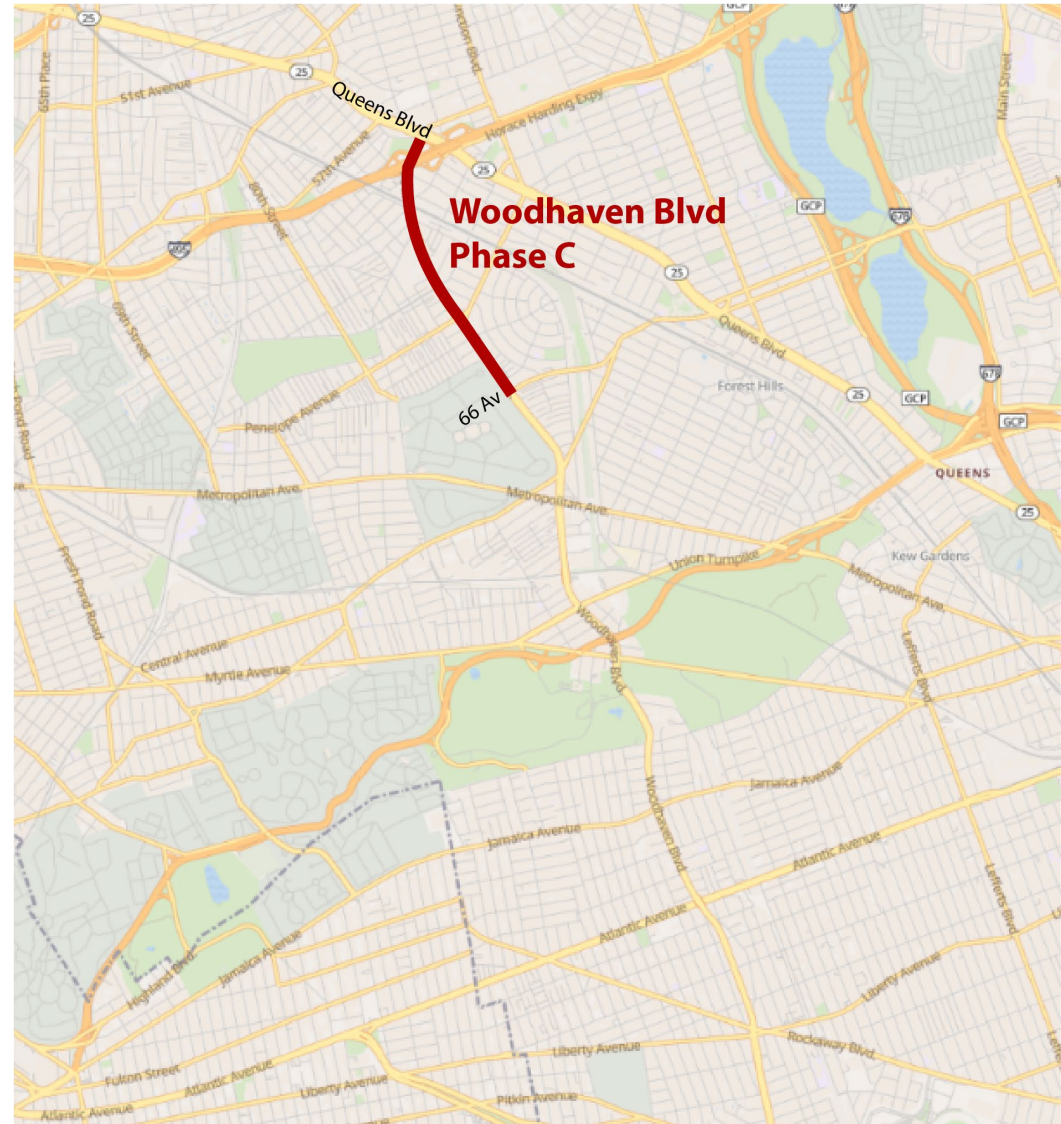
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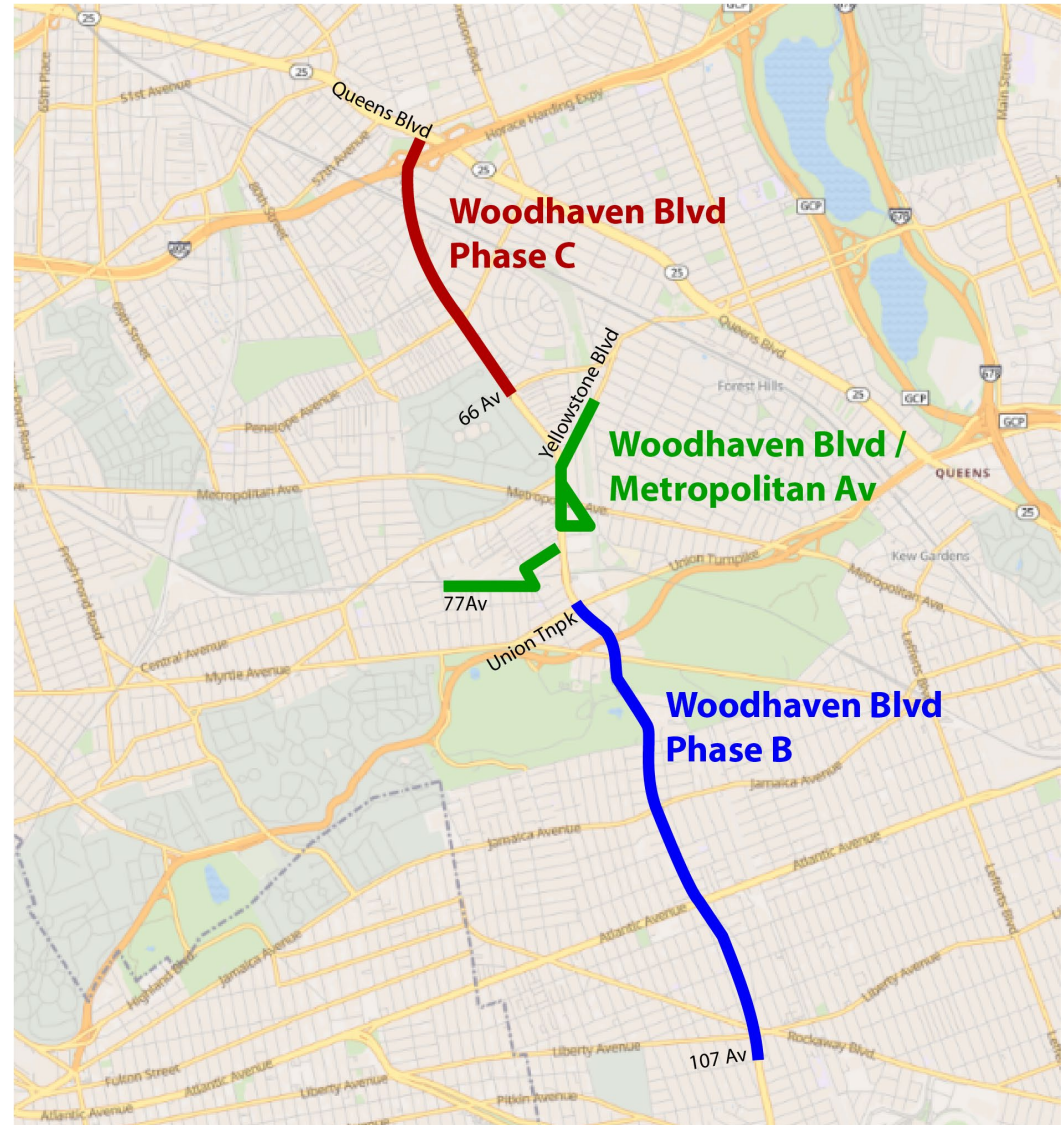
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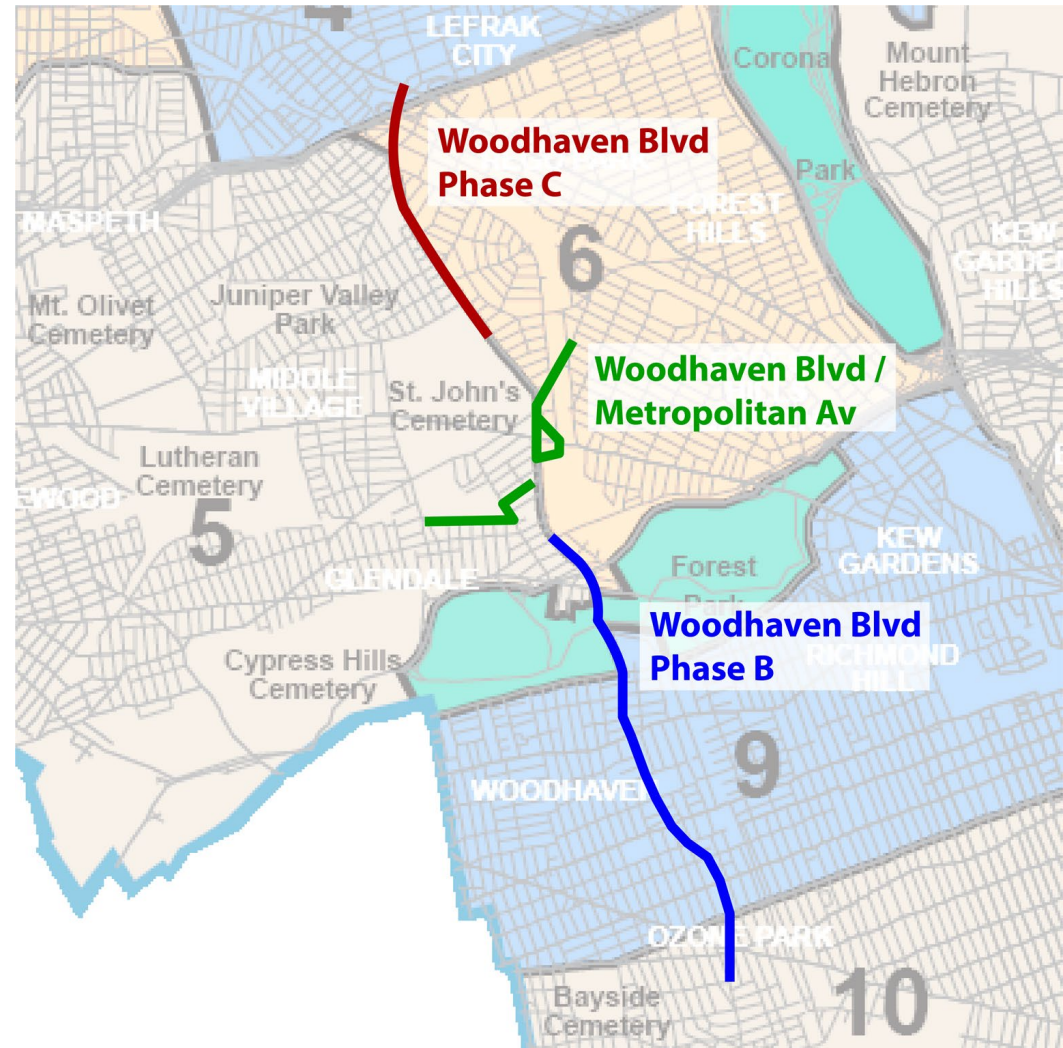
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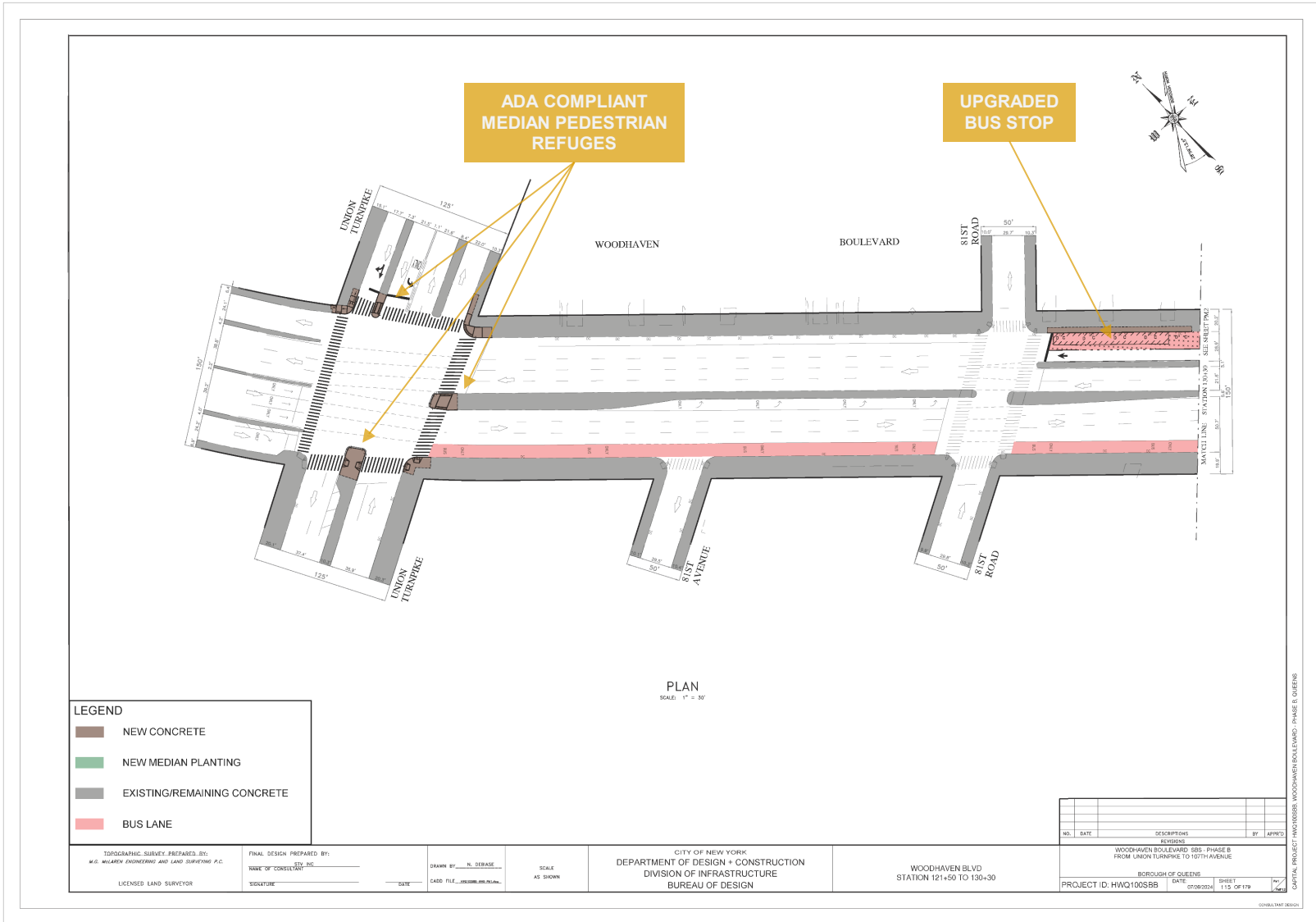
# Woodhaven Blvd Phase B

- 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+ ft<sup>2</sup> Landscaped Area

Woodhaven Blvd & 95 St

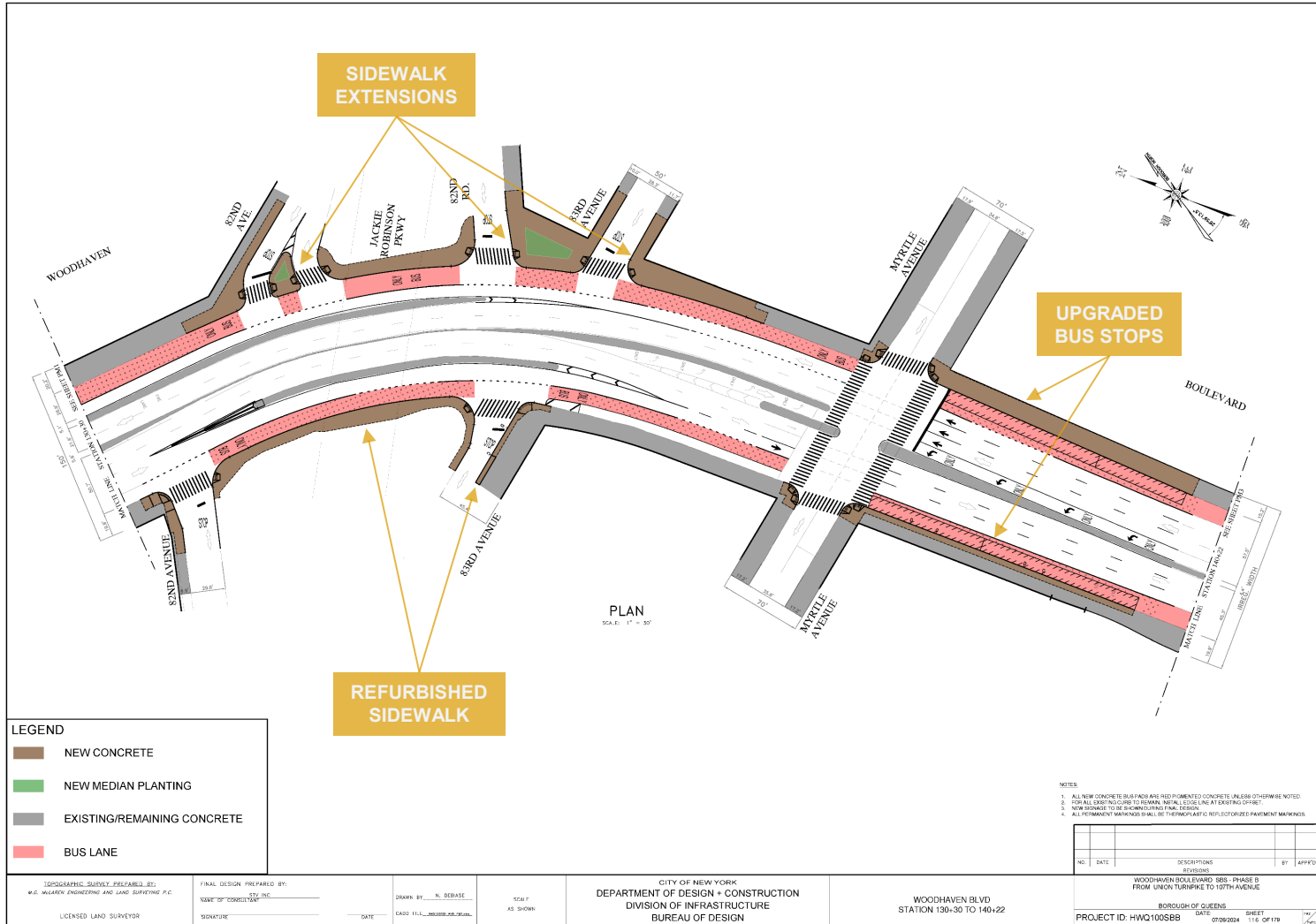


# Woodhaven Blvd Phase B – Site Plans

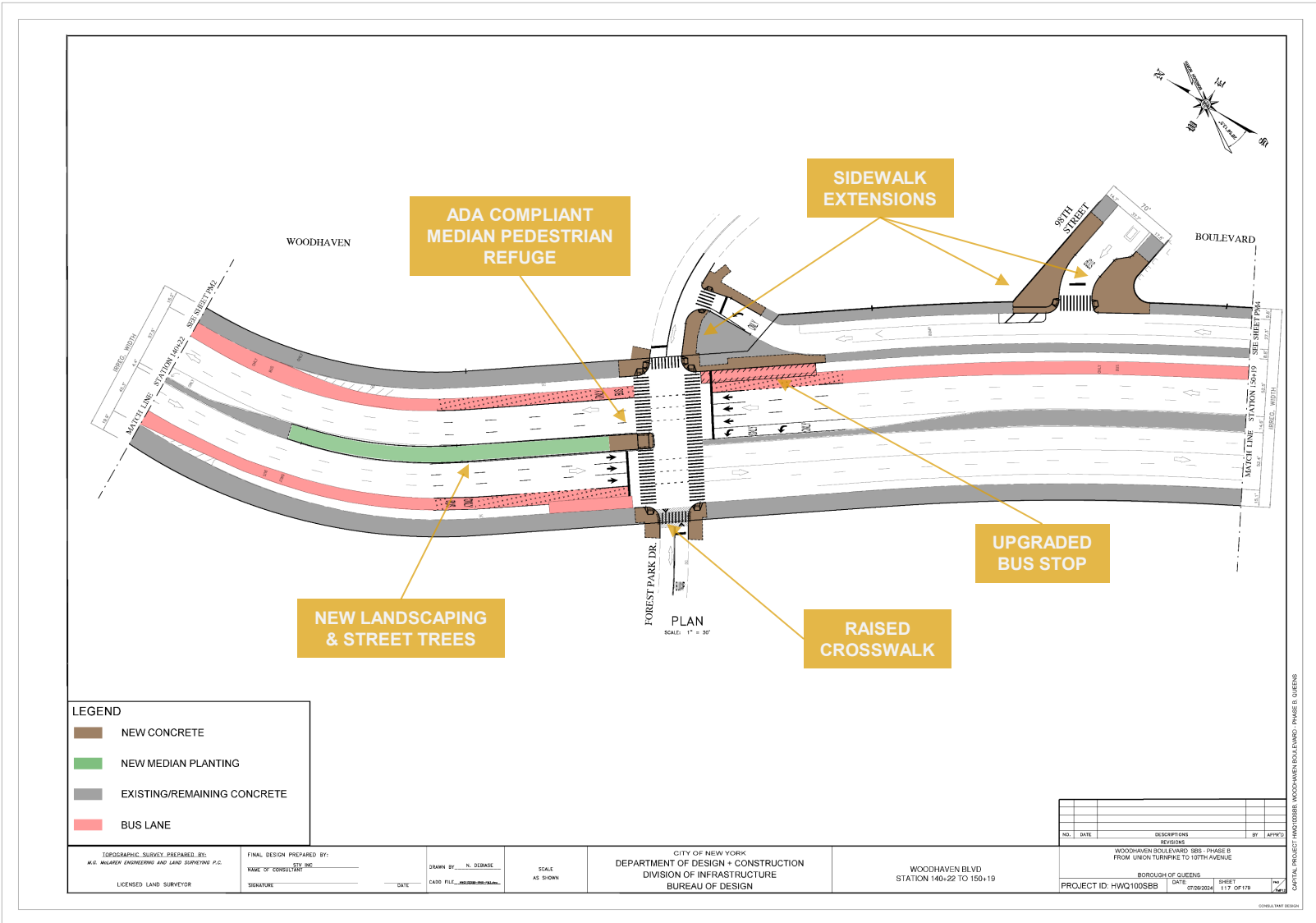




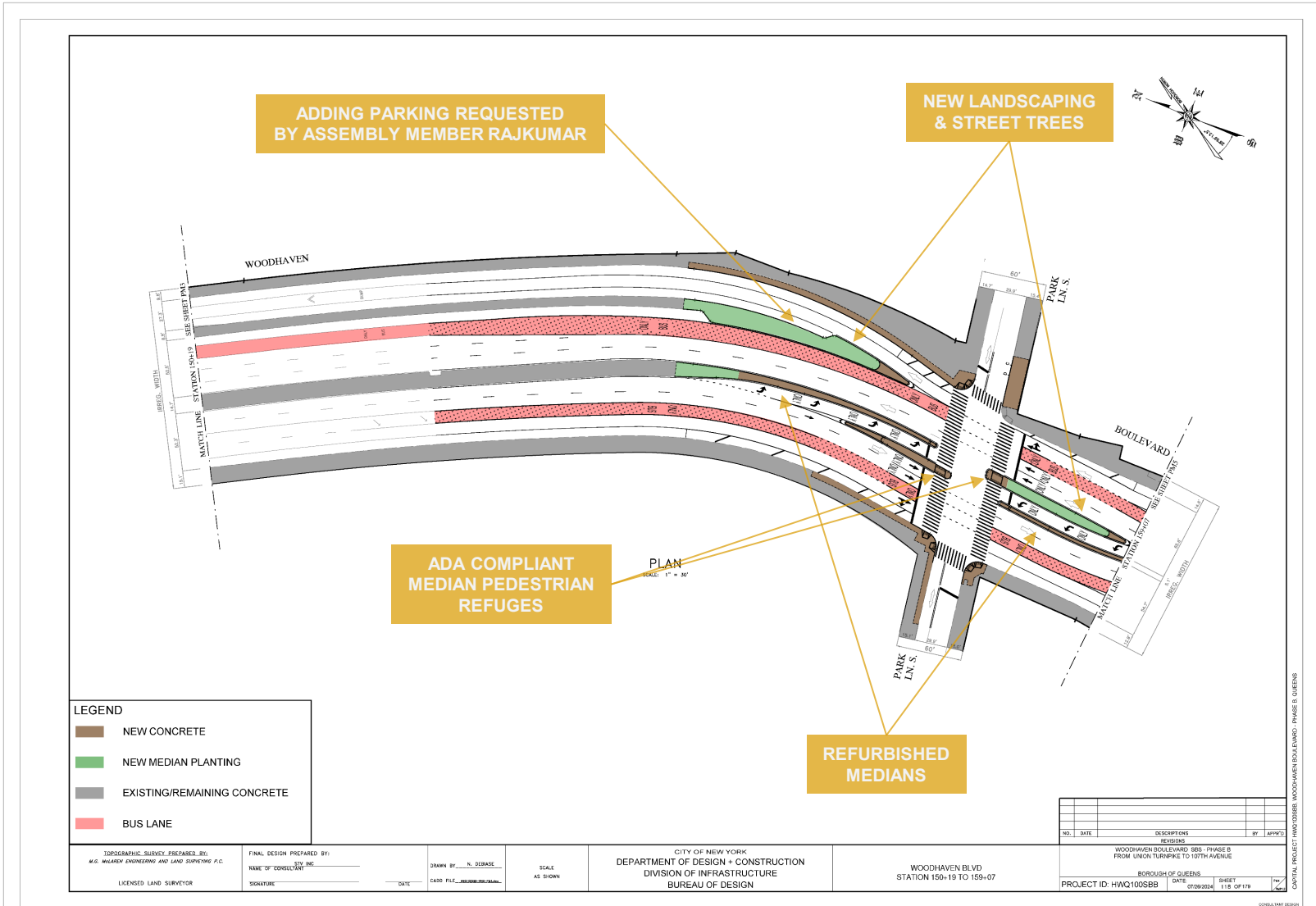
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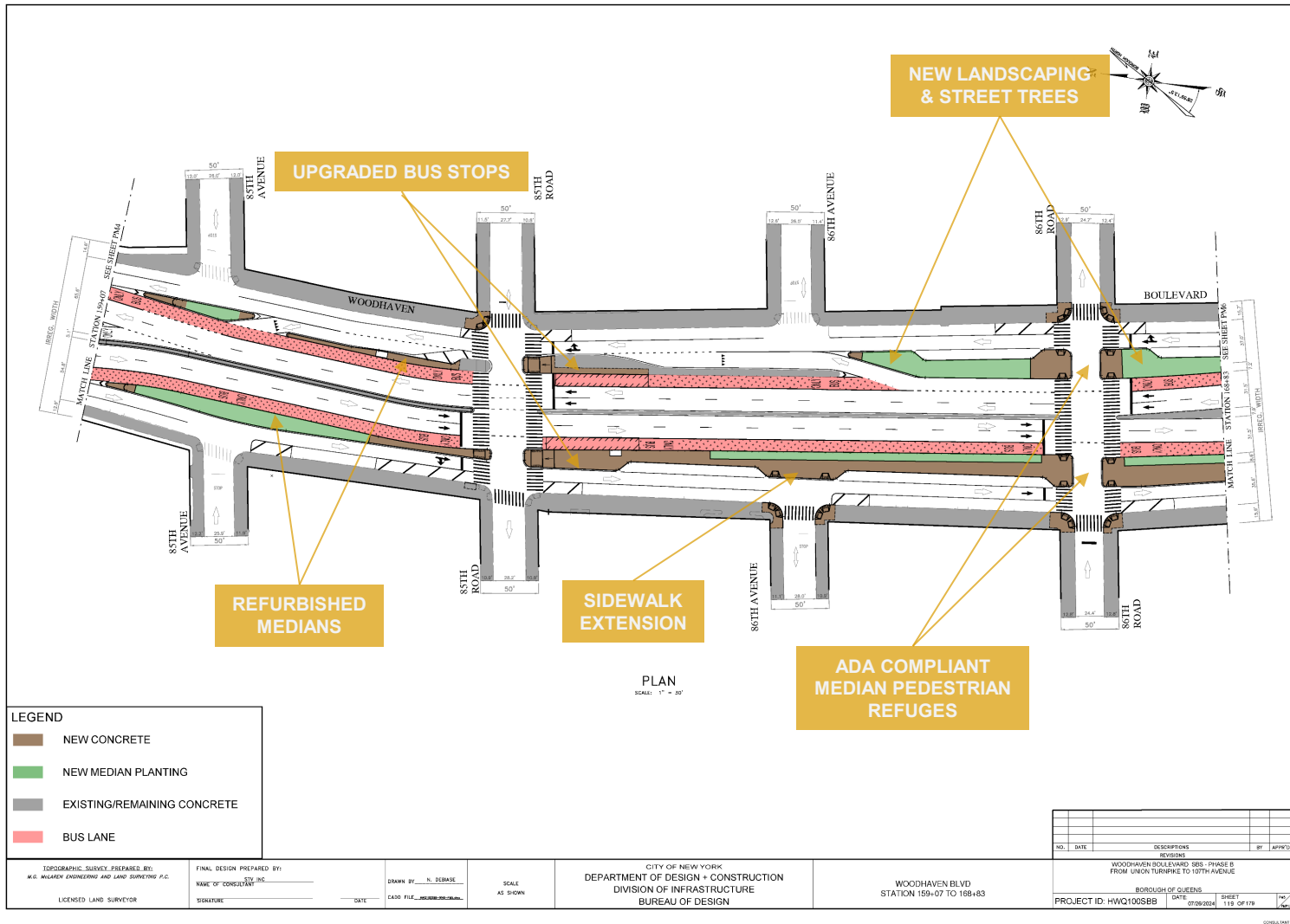


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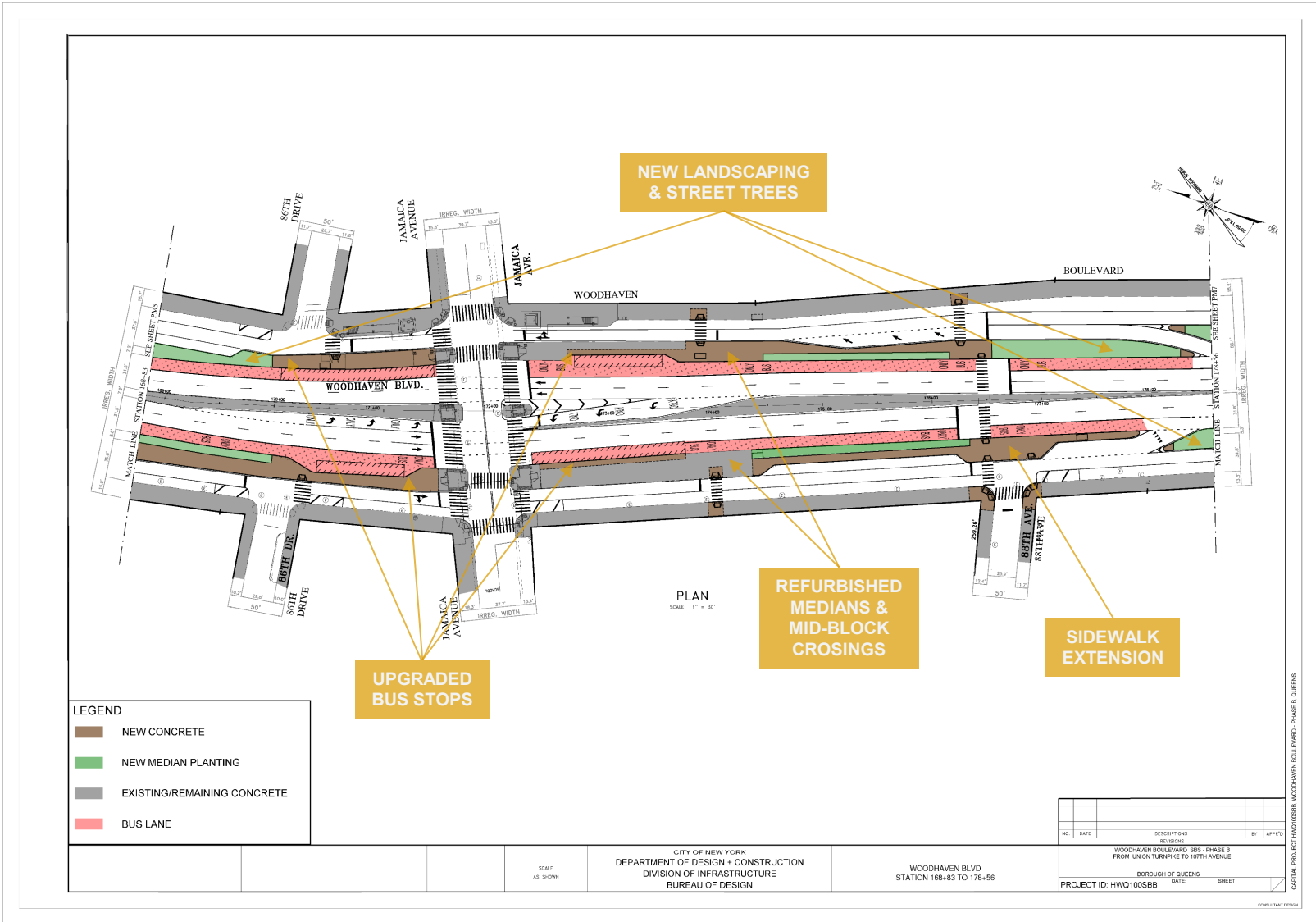




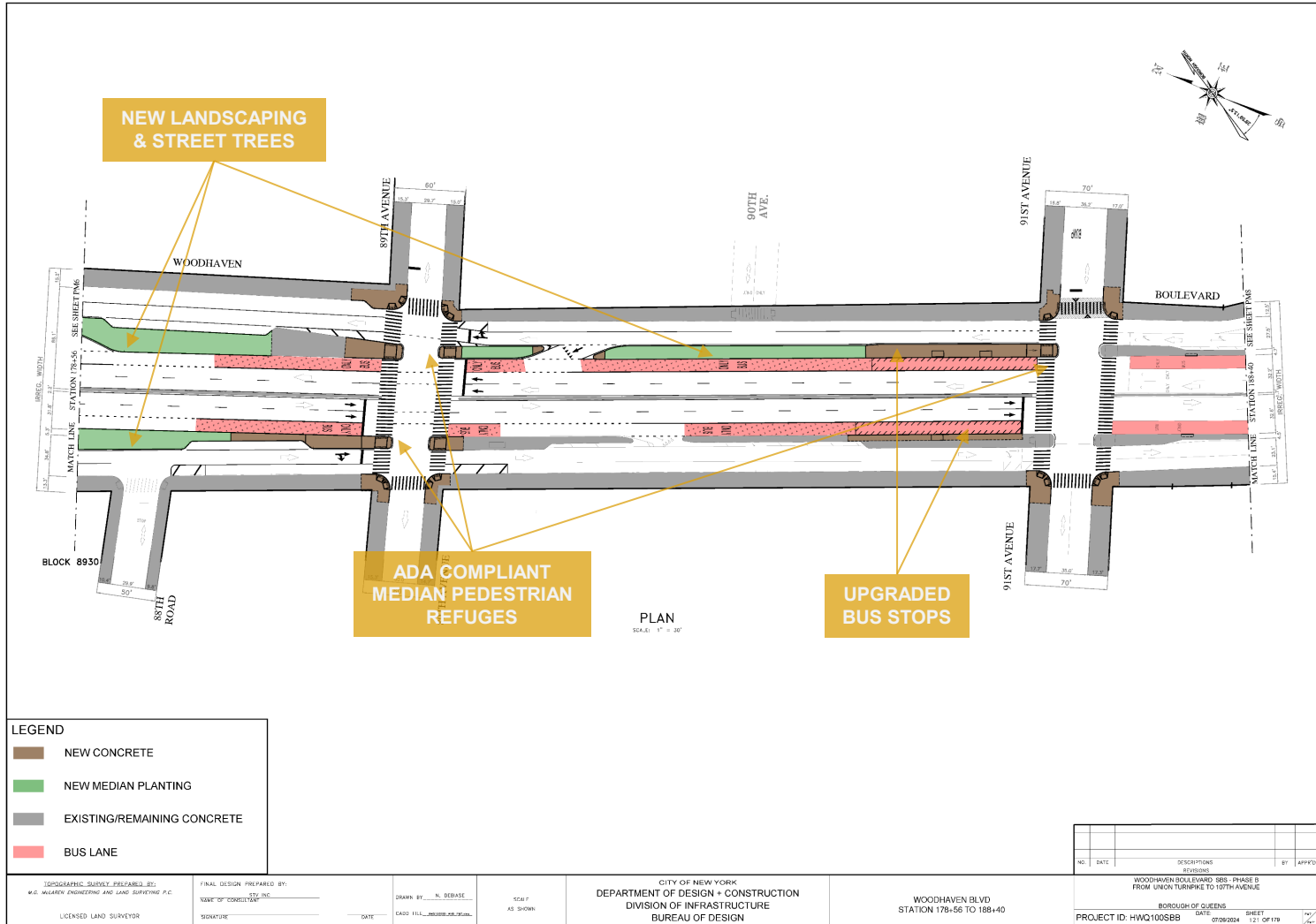
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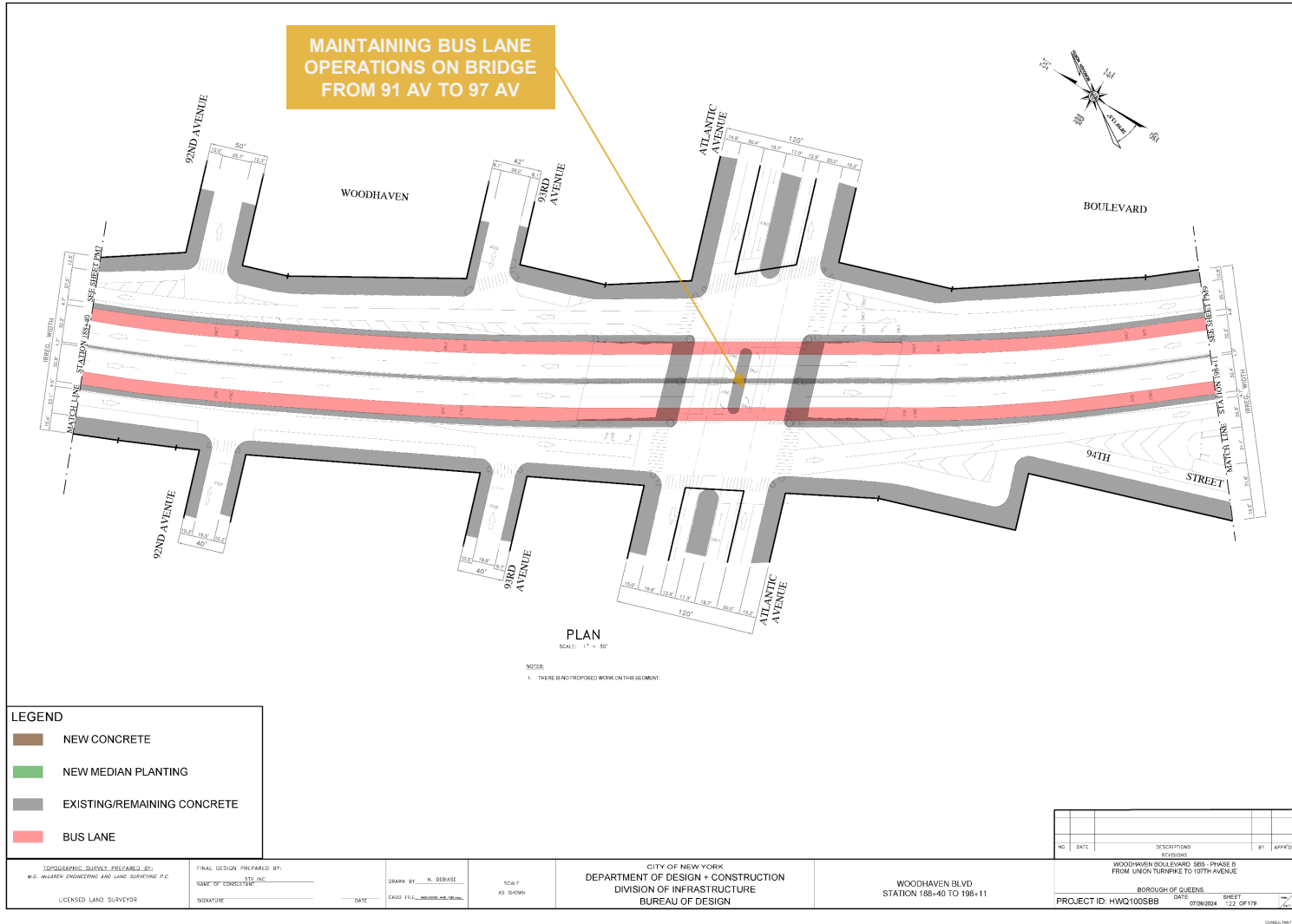


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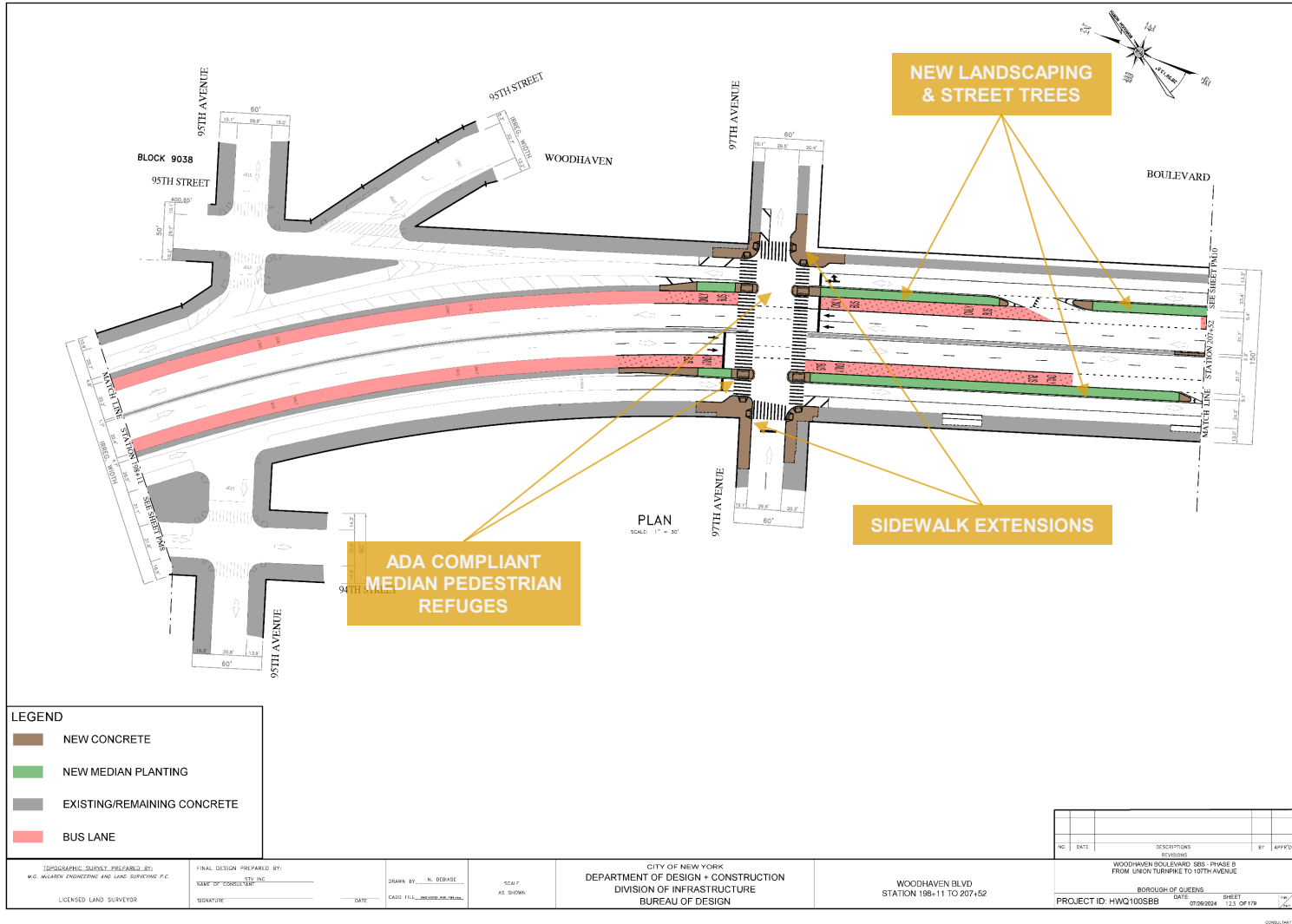




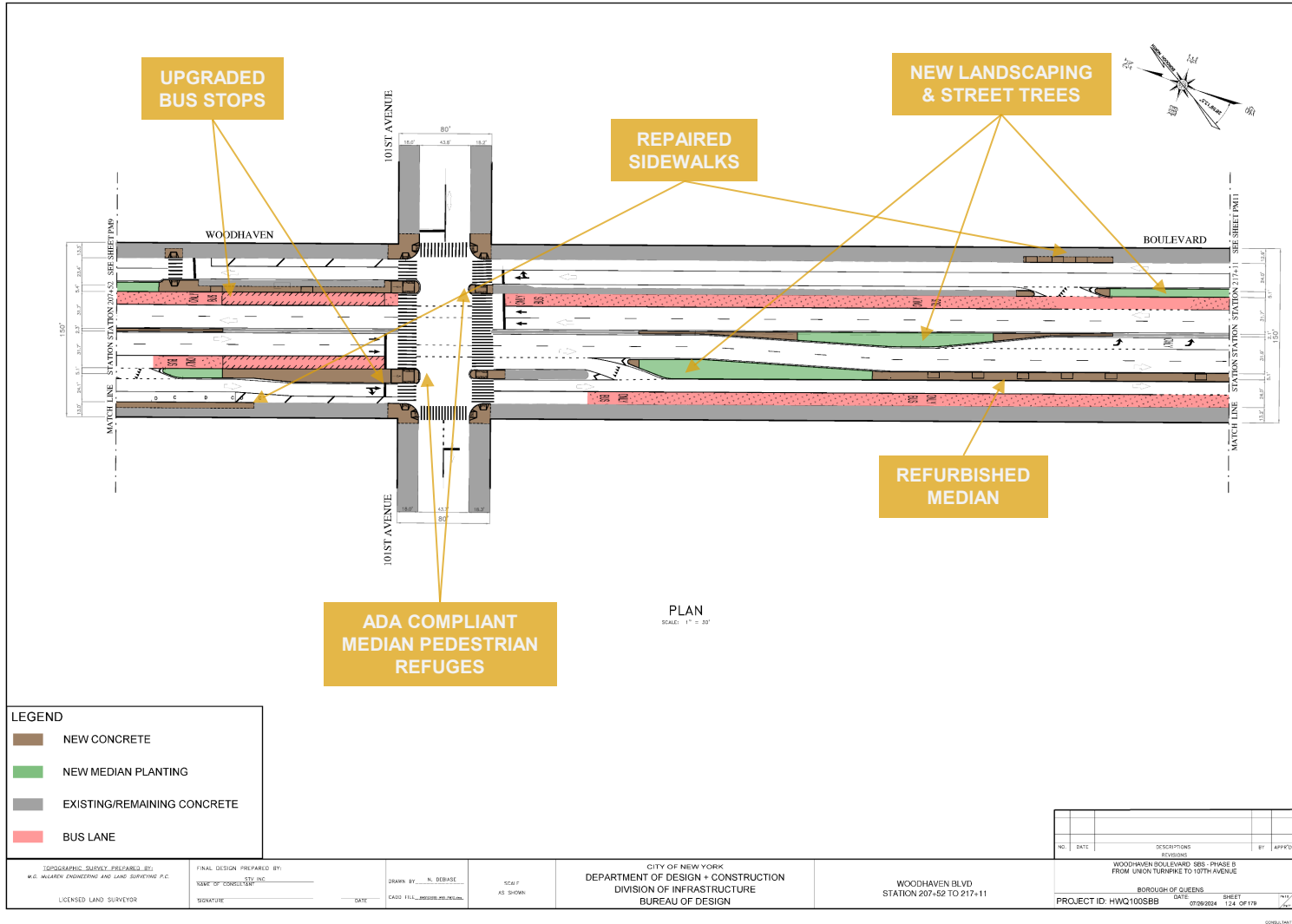
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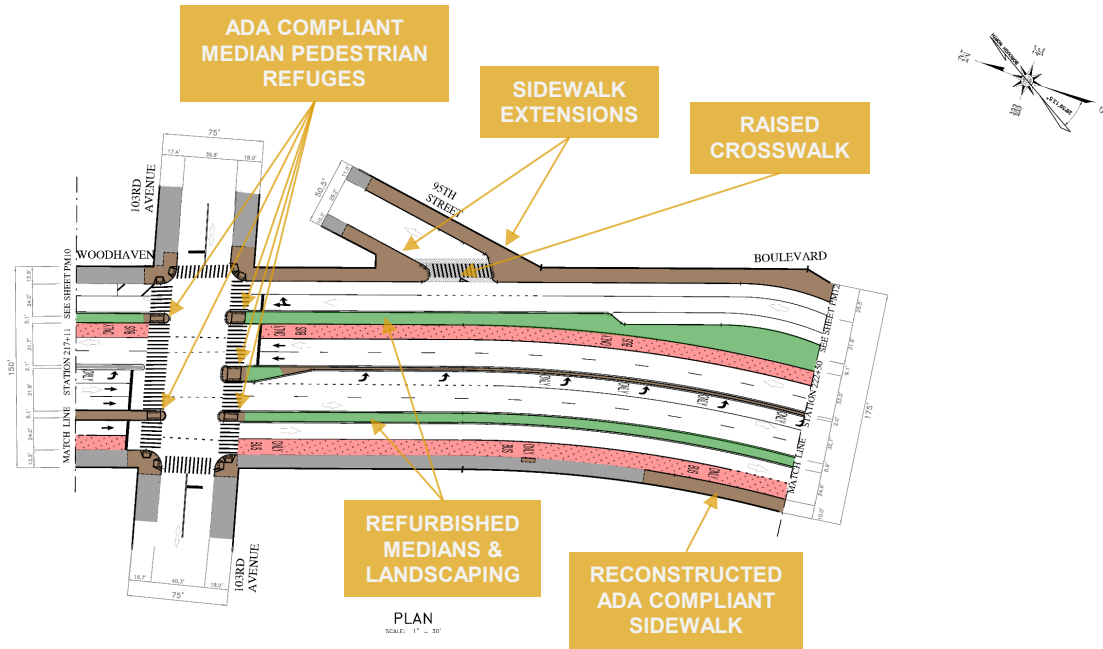


# Woodhaven Blvd Phase B – Site Plans





# Woodhaven Blvd Phase B – Site Plans



**LEGEND**

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

10305636301C SURVEY, PREPARED, E.C.  
 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: N. DEBASS  
 SCALE: AS SHOWN  
 CHECKED BY: N. DEBASS, J. DEBASS

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

WOODHAVEN BLVD  
 STATION 217+11 TO 222+50

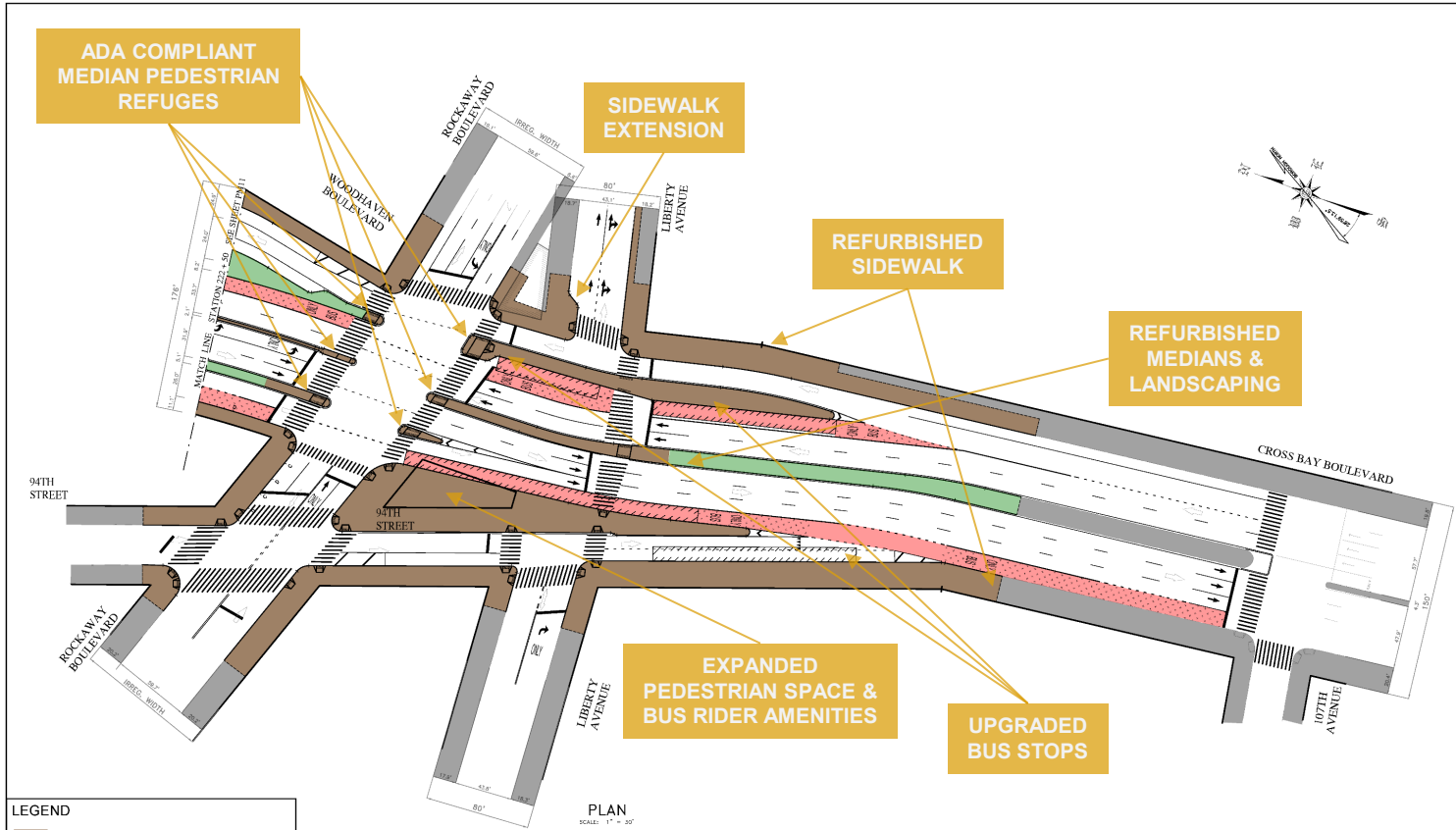
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BOROUGH OF QUEENS  
 PROJECT ID: HWQ100SBB      SHEET 123 OF 179  
 DATE: 07/26/2024

CAPITAL PROJECT: INFRASTRUCTURE WOODHAVEN BOULEVARD - PHASE B QUEENS

CONSULTANT DESIGN

# Woodhaven Blvd Phase B – Site Plans



**LEGEND**

- NEW CONCRETE
- NEW MEDIAN PLANTING
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- BUS LANE

102563ARIFIC 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  
 SCALE: AS SHOWN  
 CADD FILE: 20230808.BDR

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.

WOODHAVEN BOULEVARD SBS - PHASE B FROM UNION TURNPIKE TO 107TH AVENUE  
 BOROUGHS OF QUEENS  
 PROJECT ID: HWQ100SB8 DATE: 07/26/2024 SHEET: 126 OF 179

CAPITAL PROJECT: INFRASTRUCTURE WOODHAVEN BOULEVARD - PHASE B QUEENS

# 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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