

# Linden Blvd Traffic Safety and Bus Priority Improvements

Community Board 5

April 20<sup>th</sup>, 2026



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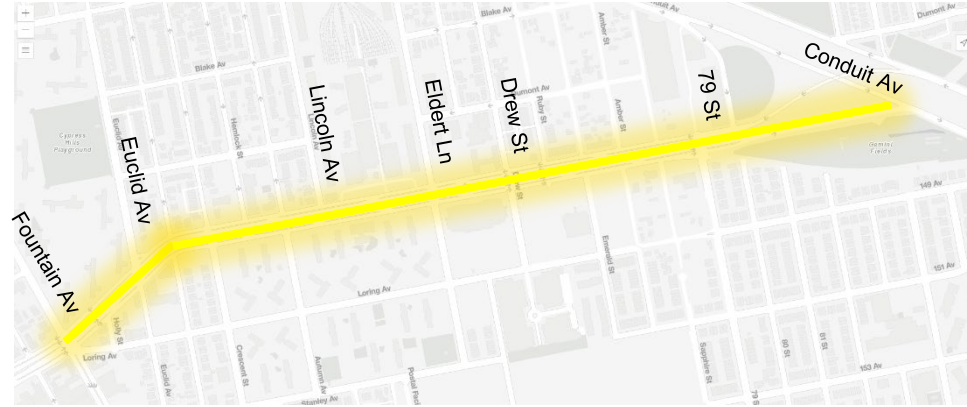
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# Existing Conditions Overview

# 1

# Why Linden Blvd?

- Fountain Av to Conduit Av (1.1 miles)
- 6 bus routes serving 60,000 daily riders in Brooklyn and Queens
- Most households don't own a car, but no subway within easy walking distance
- Linden Blvd bus routes provide access to **A** **C** **J** **Z** **L** **3** trains, JFK Airport, Brookdale Hospital, Gateway Center Mall
- Bus speeds as low as 4 mph
- Community requests for safety improvements
  - Wide, 10-lane roadway that is difficult to cross
  - Crosswalks spaced far apart
  - Frequent speeding, reckless driving

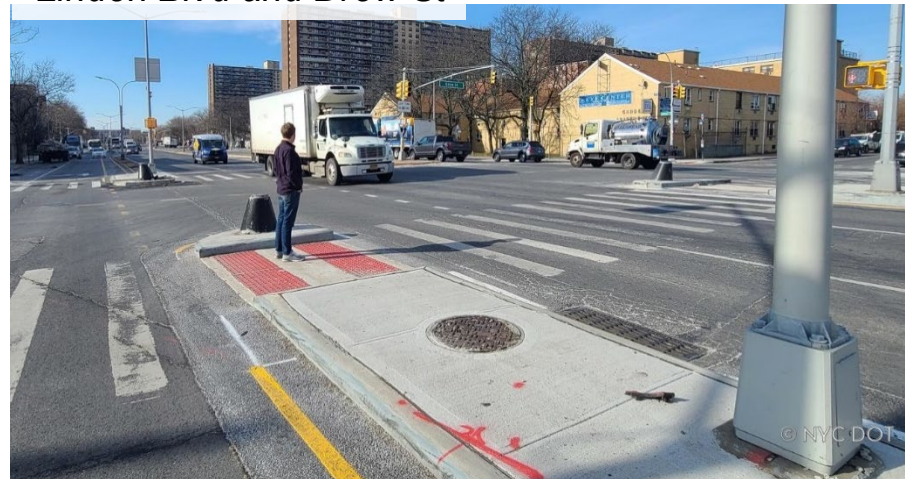


# Previous Work on Linden Blvd

- Corridor wide markings upgrades to reduce speed and calm traffic
  - Linden Blvd, Av D to 79th St
  - Added channelization to service roads, changed Hegeman Av to one way, marked parking lane line, reversed direction of Van Sinderen Av
- Intersection improvements enhancing pedestrian safety
  - Linden Blvd and Euclid Avenue
  - Linden Blvd and Eldert Lane
  - Linden Blvd and Drew St
- Bike and pedestrian safety improvements
  - Loring Av, Fountain St to Emerald St
  - Fountain Av, Seaview Av to Pitkin Av



*Linden Blvd and Drew St*



# Work to Date and Feedback

## Work to Date

### October 2024

- HPD Jewel Streets Open House

### January 2025

- Community Board 5 Transportation Committee Existing Conditions Briefing
- Elected Officials Existing Conditions Briefing
- Joint Stakeholders Existing Conditions Briefing

## What We've Heard So Far:

Improved connectivity is needed for all users of Linden Blvd

Many people report having to walk or drive several blocks out of their way just to cross Linden Boulevard

Linden Blvd is difficult and dangerous to cross

There are frequent calls for additional crosswalks and longer crossing times

Bus service is slow and unreliable

Riders have reported slow bus services and long wait times, particularly on nights and weekends

# HPD Jewel Streets Neighborhood Plan

Released October 2025

## Goal 3: Make Streets Safer and Better Connected

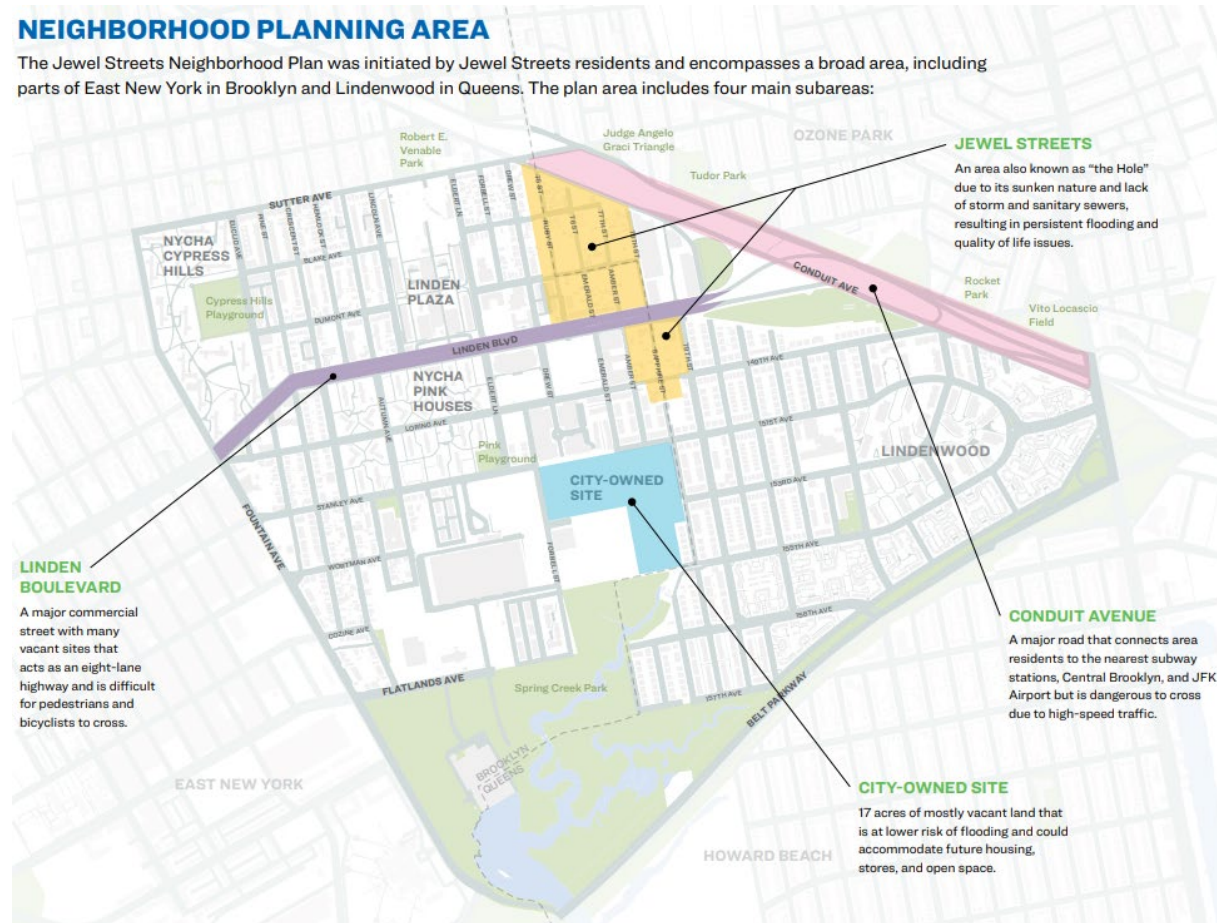
- Strategy 1: Make it safer and easier for pedestrians to get around
- Strategy 3: Make it easier to reach key places in New York City by transit
- Strategy 4: Implement planned investments on Linden Boulevard

## Key issues:

- Wide roadway (10 lanes)
- Difficult to cross
- Few crosswalks
- Limited street lighting

## NEIGHBORHOOD PLANNING AREA

The Jewel Streets Neighborhood Plan was initiated by Jewel Streets residents and encompasses a broad area, including parts of East New York in Brooklyn and Lindenwood in Queens. The plan area includes four main subareas:

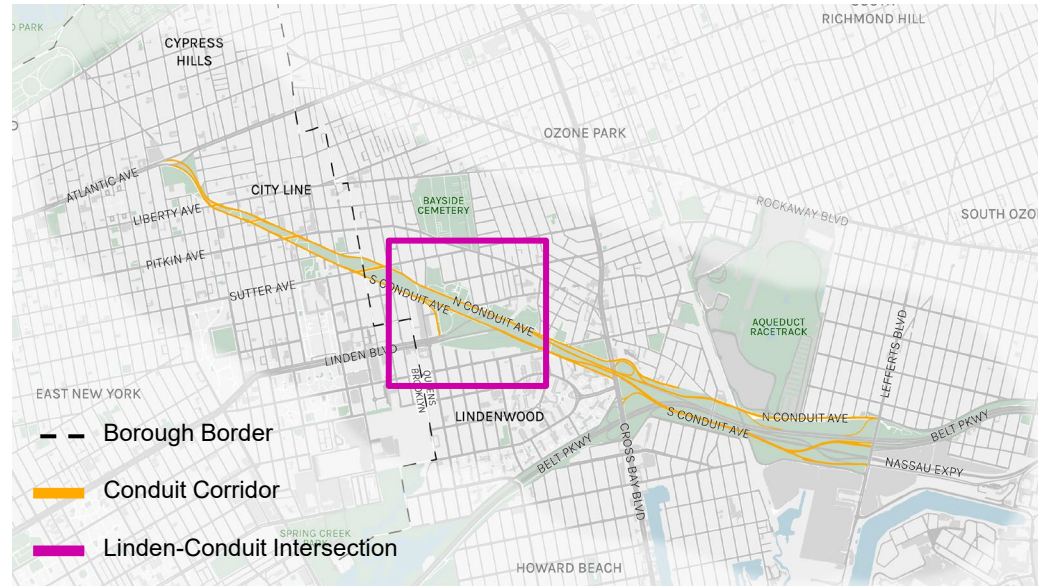


# NYC DOT Conduit Corridor Plan

*A long-term planning effort for the Conduit Corridor from Atlantic Ave to Lefferts Blvd.*

## Join Proposal Workshops for the Conduit Corridor Plan:

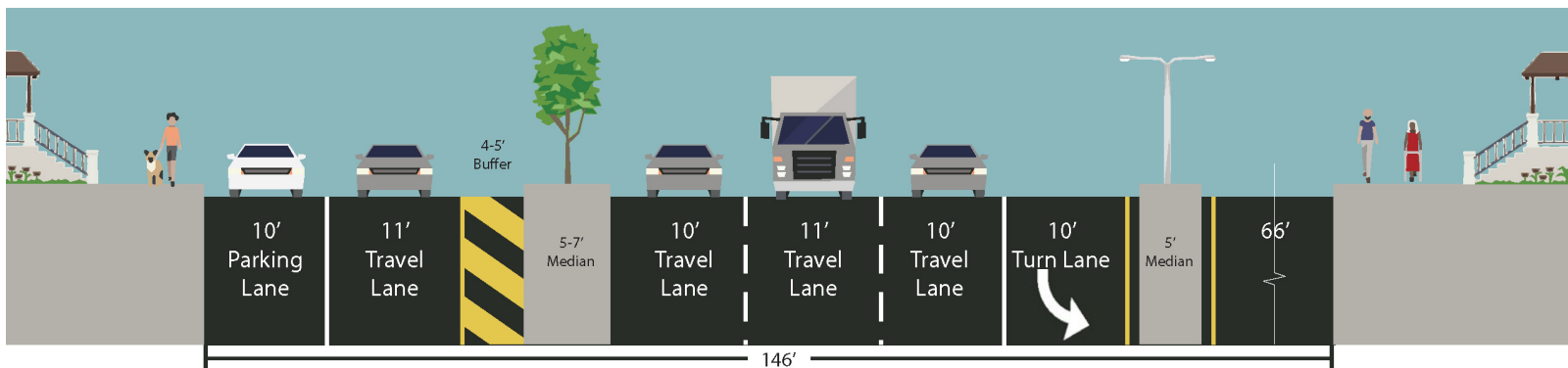
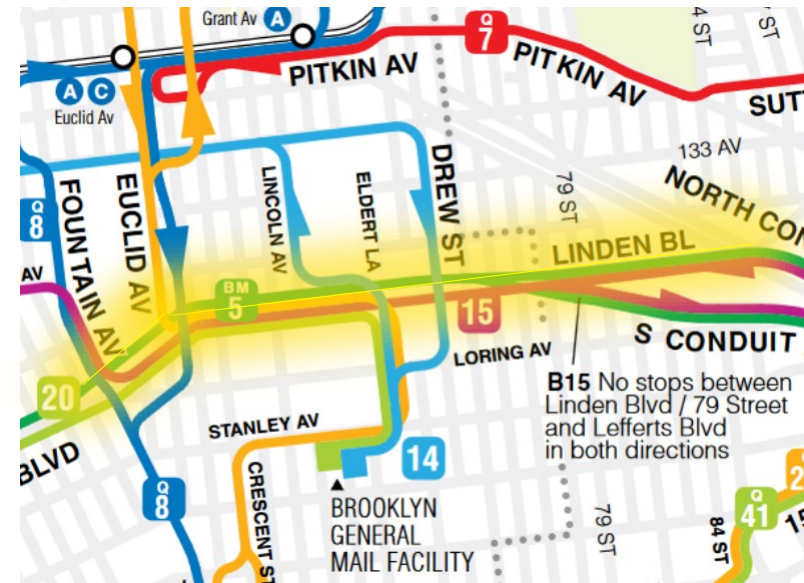
- Virtual: Tues, 4/21st from 7:00-8:30 p.m. Register online at [nyc.gov/ConduitCorridor](https://nyc.gov/ConduitCorridor) to receive a Zoom link.
- In-Person Brooklyn: Th, 4/23rd from 7:00-8:30 p.m. at P.S. 159 Issac Pitkin, 2781 Pitkin Ave
- In-Person Queens: Tues, 4/28th from 7:00-8:30 p.m., P.S.063 at 9015 Sutter Ave



*The planning area includes the intersection of Linden Blvd and Conduit Ave. The plan will include proposals to improve safety, connectivity, and transit options around this intersection.*

# Existing Conditions

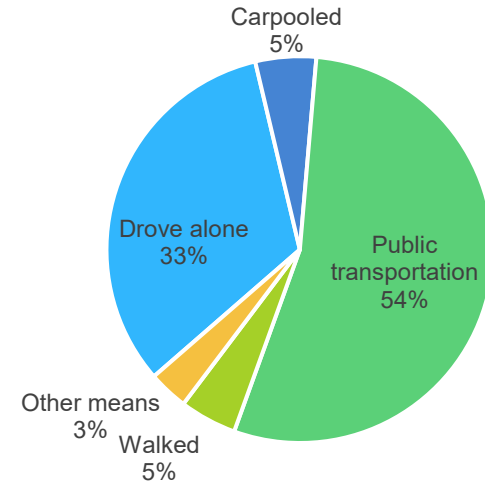
- Very wide, high-speed road
  - 140 feet wide from curb to curb, including medians
  - Pedestrians must cross 10 car lanes
  - Frequent speeding and weaving
- Split into main line and service road
- Buses run in local access lanes, get stuck behind double-parked cars
- Crosswalks up to 1,200 feet (5 blocks) apart
- Encourages pedestrians to cross between intersections



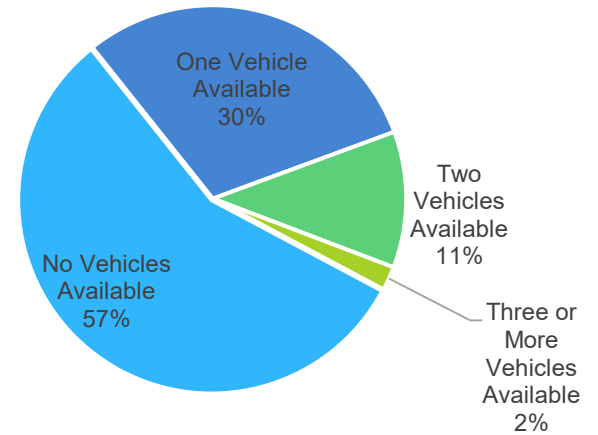
# Demographics

- 34,000 residents live within census tracts bordering the corridor
- Majority of residents depend on transit, but no subway within walking distance
  - Nearly two-thirds of residents commute to work via public transit, walking, or biking
  - More than half of households do not have access to a private vehicle
- 46-minute average travel time to work – longer than citywide average of 41 minutes

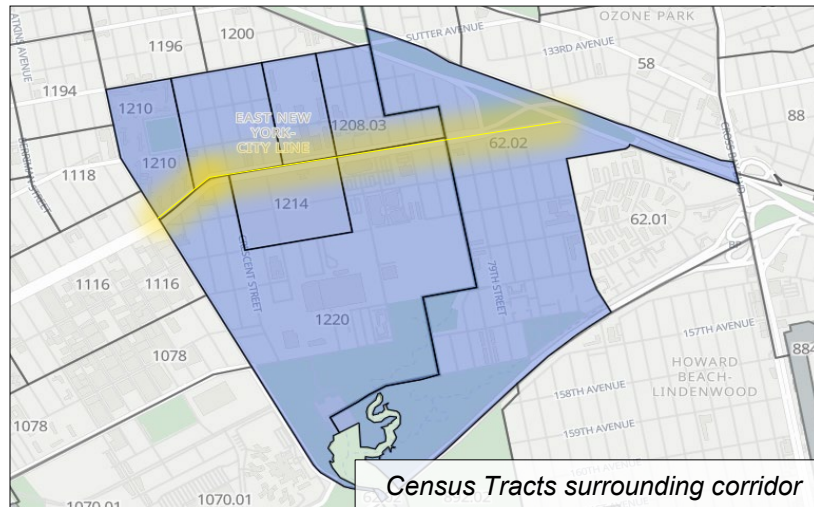
Travel to Work



Number of Vehicles by Household



Source: 2018-2022 American Community Survey



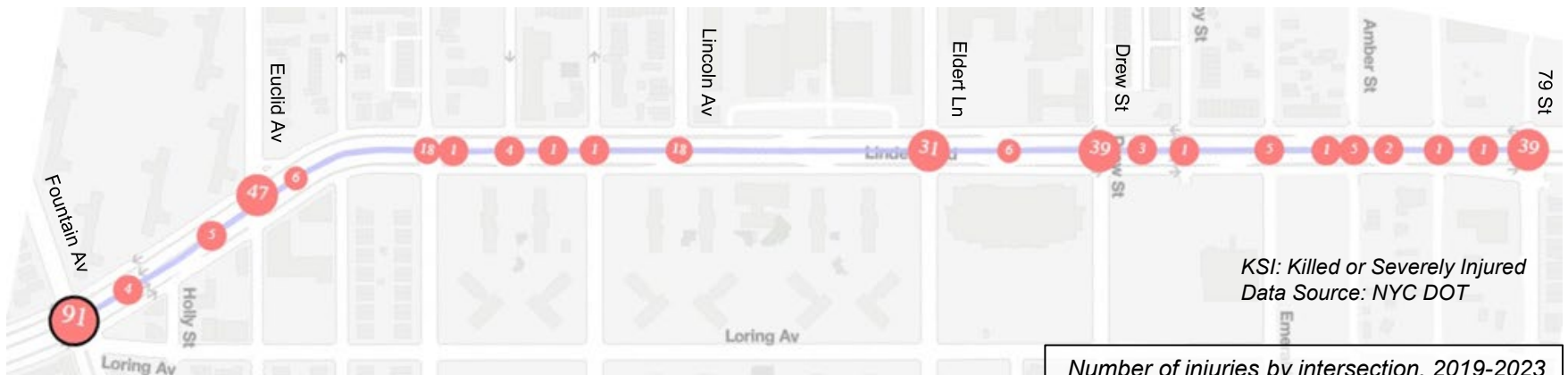
# Safety

- Vision Zero Priority Corridor
- Safety record (2019-2023):
  - 330 injuries
  - A person is injured every 6 days on average
  - 13 people severely injured
  - 2 people killed
- Vision Zero Priority Intersection (Linden Blvd and Euclid Av)
- Priority Youth Injury Area



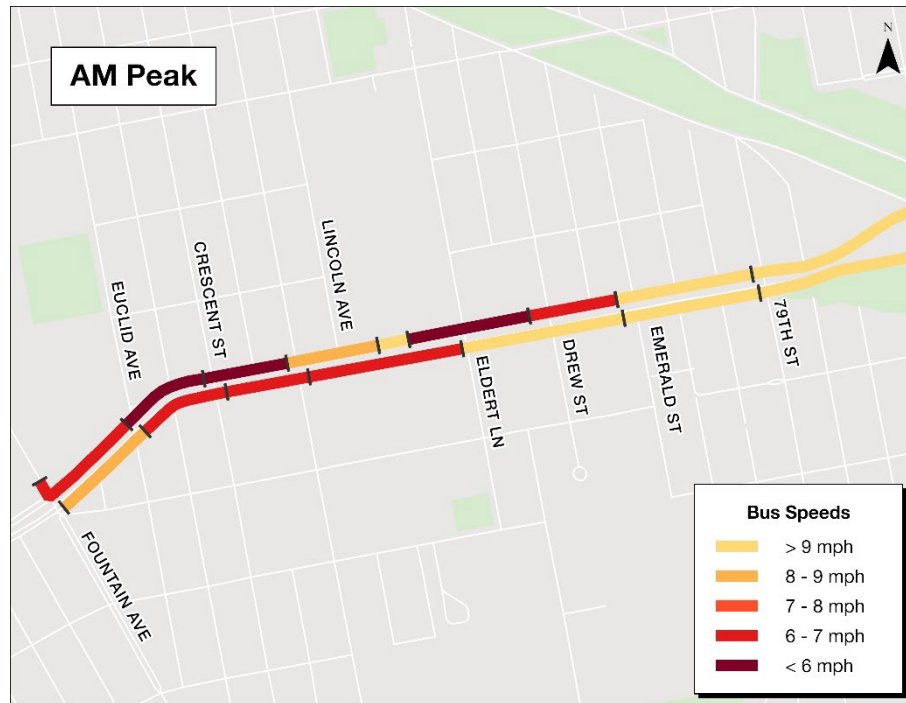
Injury Summary, 2019-2023 (5 years)

Mode	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	41	5	1	6
Bicyclist	13	0	1	1
Motor Vehicle Occupant	265	6	0	6
Other Motorized	11	2	0	2
<b>Total</b>	<b>330</b>	<b>13</b>	<b>2</b>	<b>15</b>



# Linden Blvd Bus Speeds

- Speeds are as low as 4 mph in some sections
- Buses are blocked by traffic congestion, double parking, and commercial vehicles, causing slowdowns in the single travel lane
- Buses cannot pass double-parked vehicles in the service road



Source: MTA, Fall 2025

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# Proposal

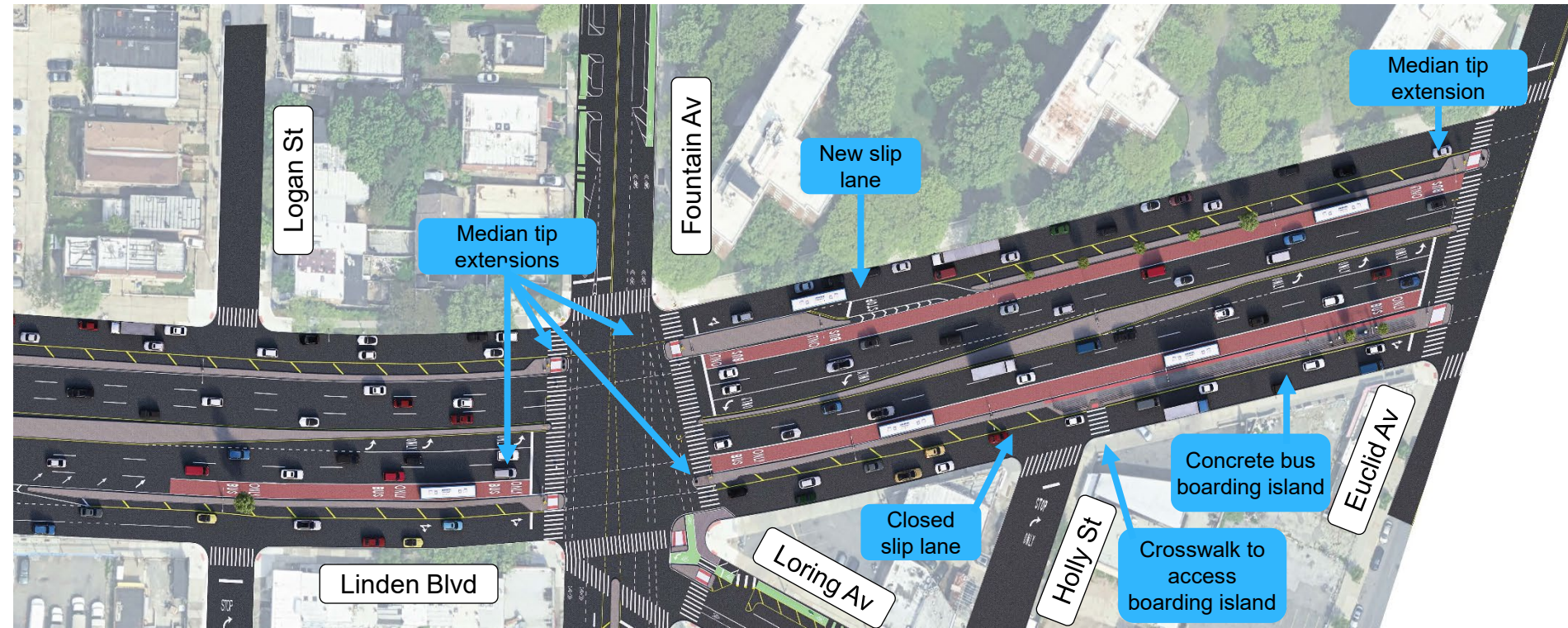
# 2

# Proposed Design

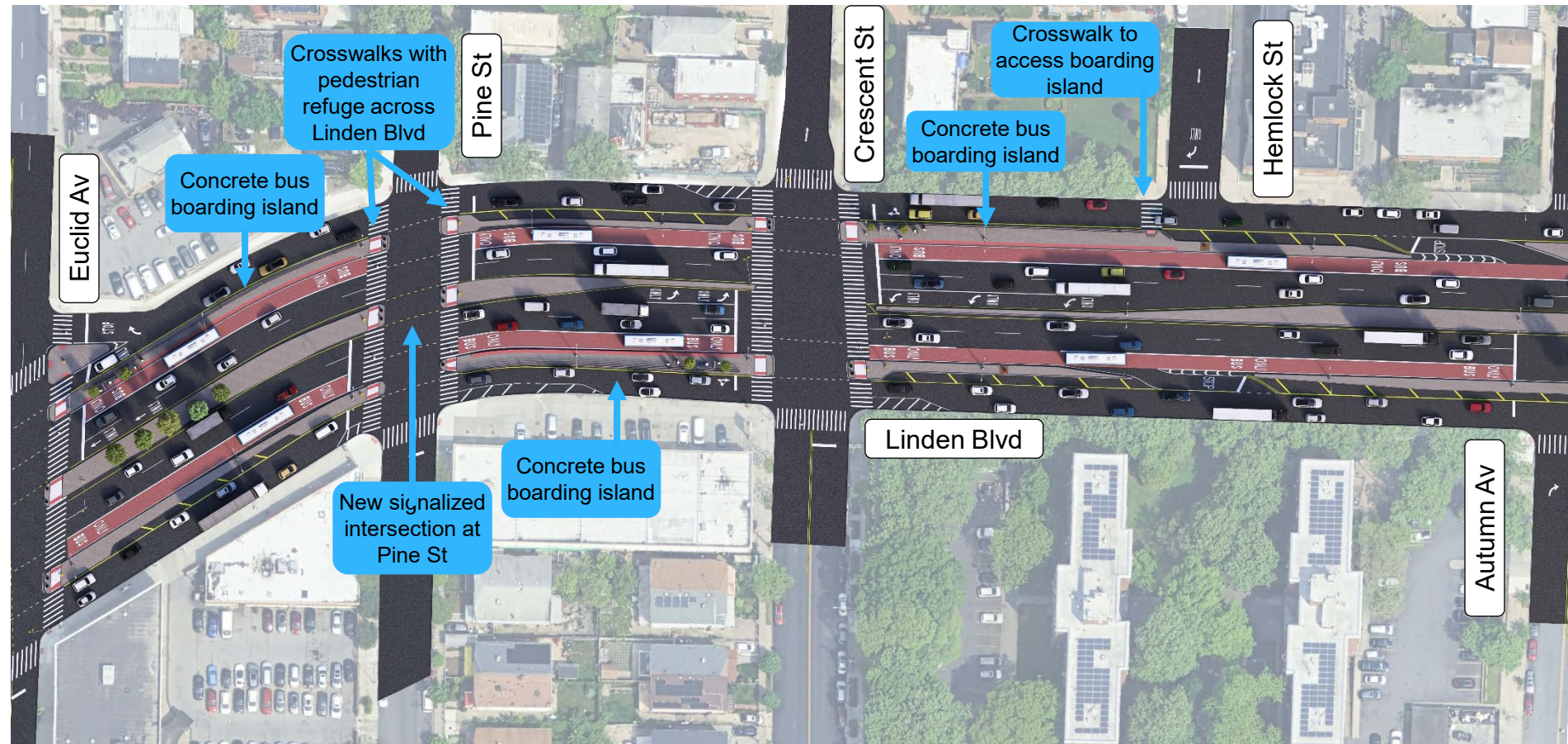
- New, 24/7 median running bus lanes from Fountain Av to Conduit Av
  - 8 new median bus boarding islands
  - Bus stop shelters where feasible
- Consolidated bus stops
  - Make buses faster and more reliable
- One new intersection and two new pedestrian crossings
  - Create safe places to cross
  - Connect the neighborhood
- Slip lane adjustments
  - Simplify traffic movements
  - Reduce weaving and speeding



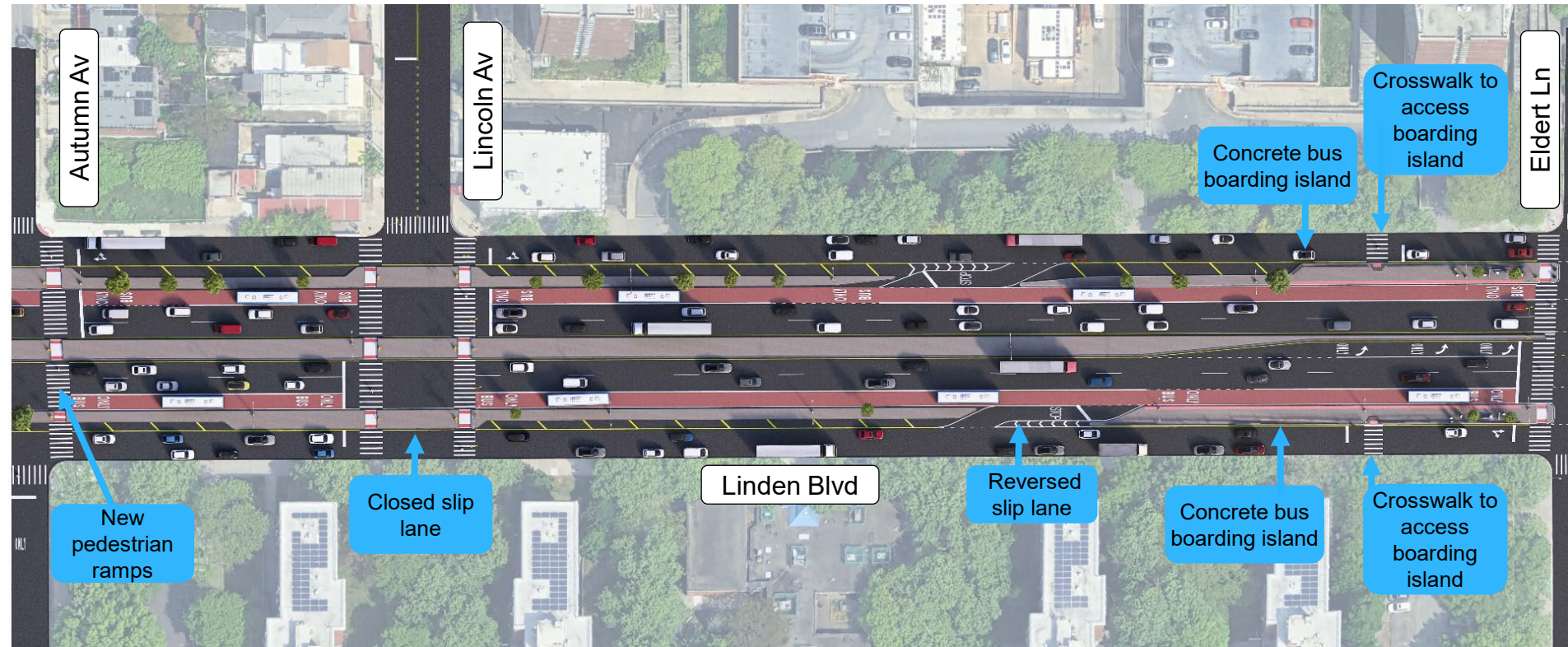
# Proposed Design: Holly St to Euclid Av



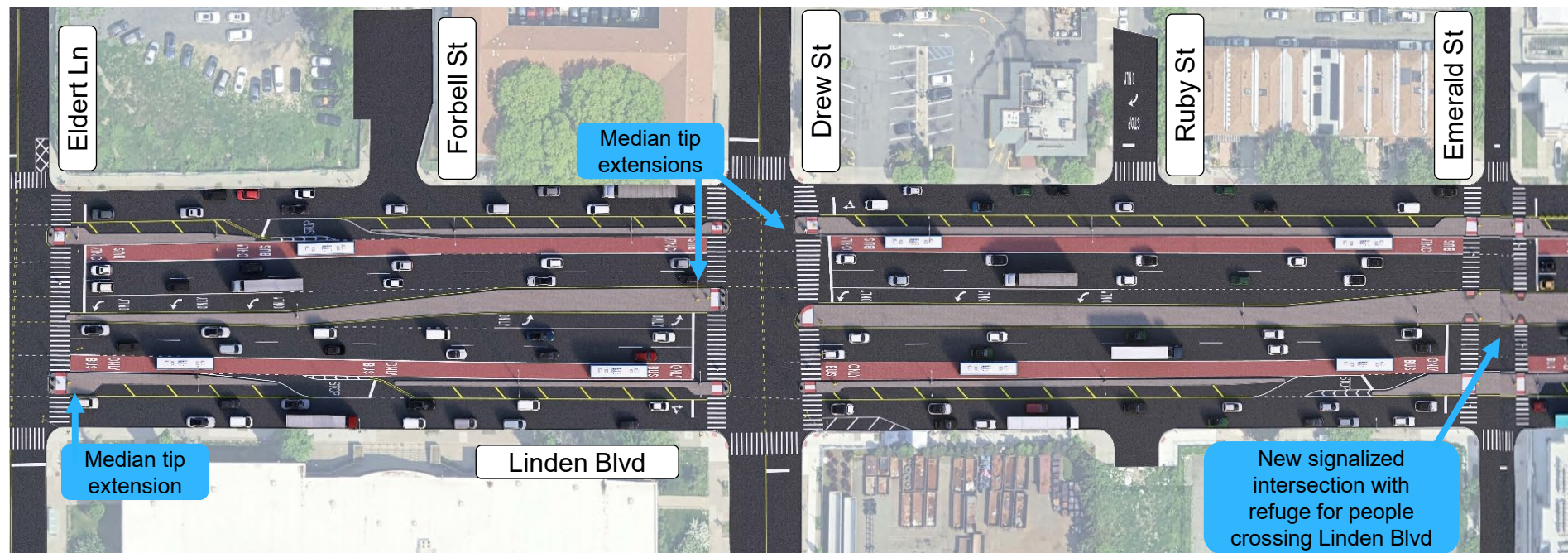
# Proposed Design: Euclid Av to Autumn Av



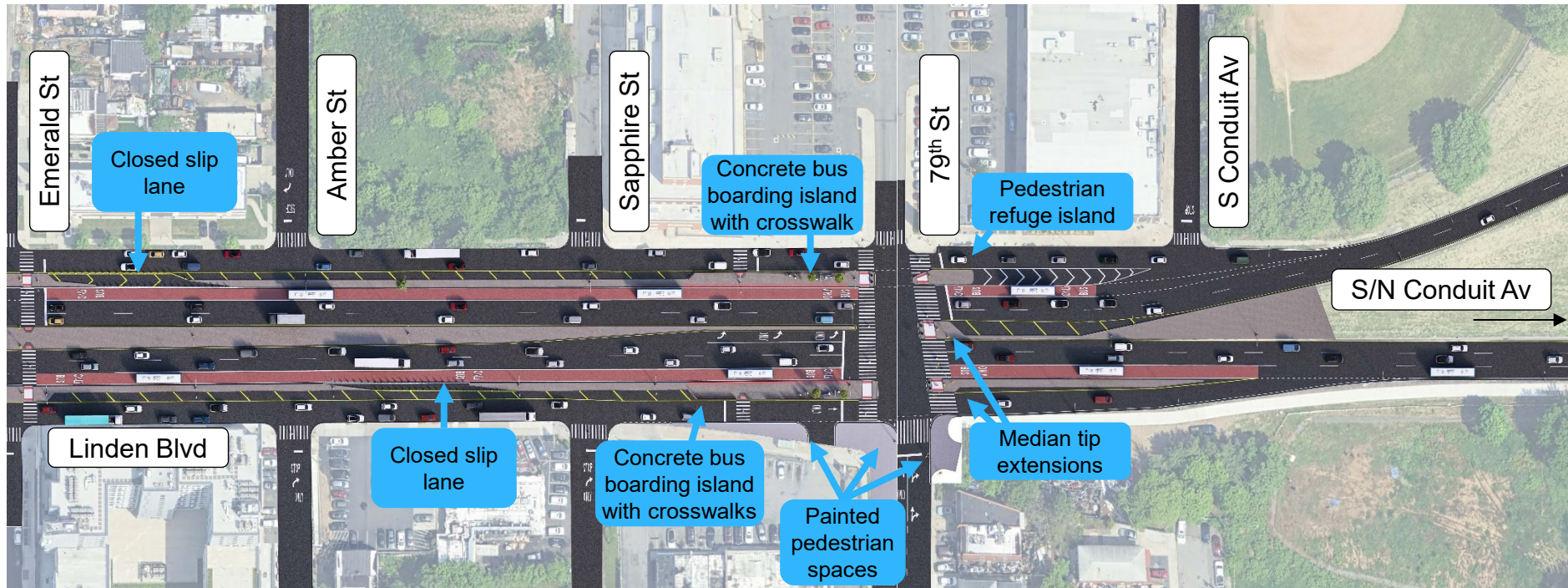
# Proposed Design: Autumn Av to Eldert Ln



# Proposed Design: Eldert Ln to Emerald St

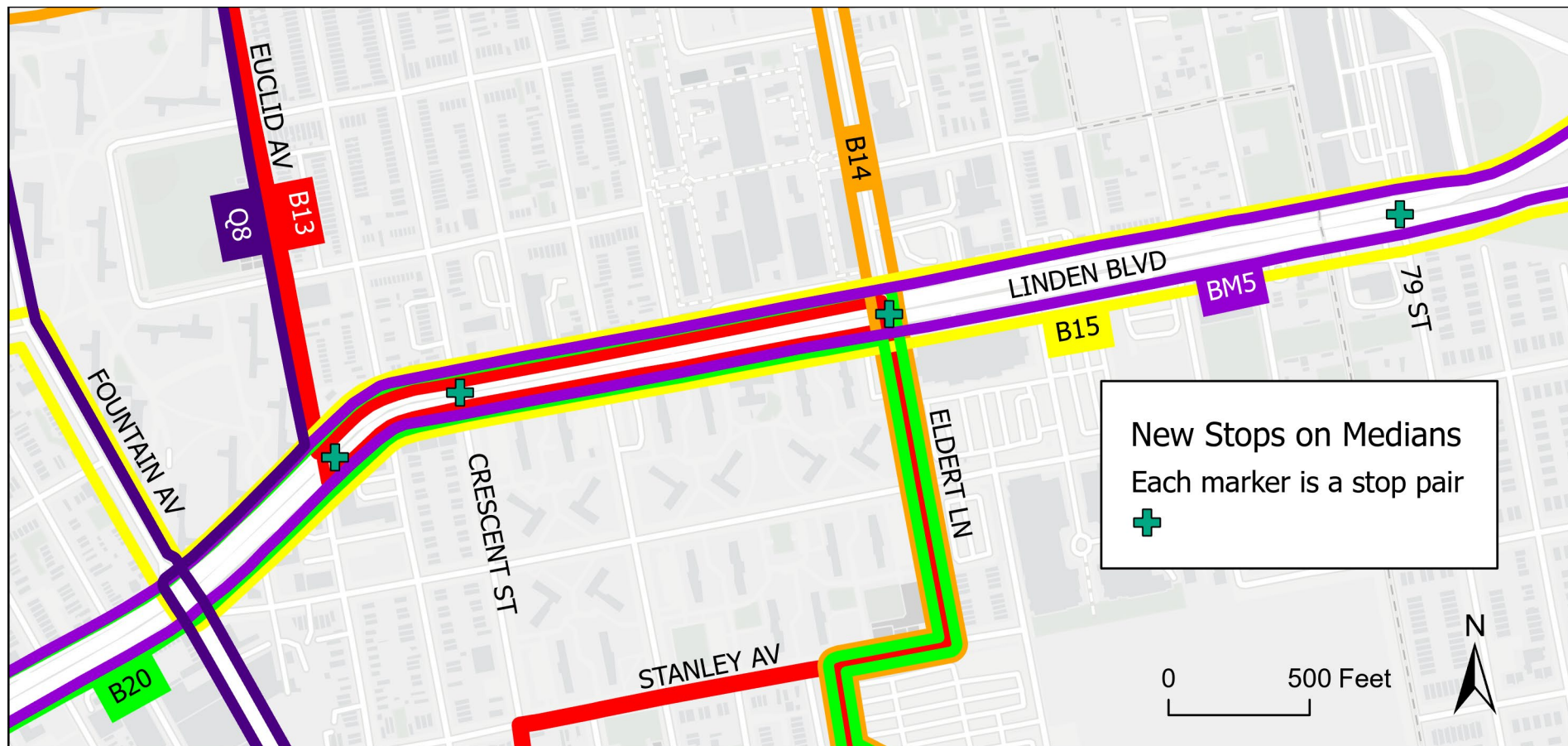


# Proposed Design: Emerald St to S Conduit Av



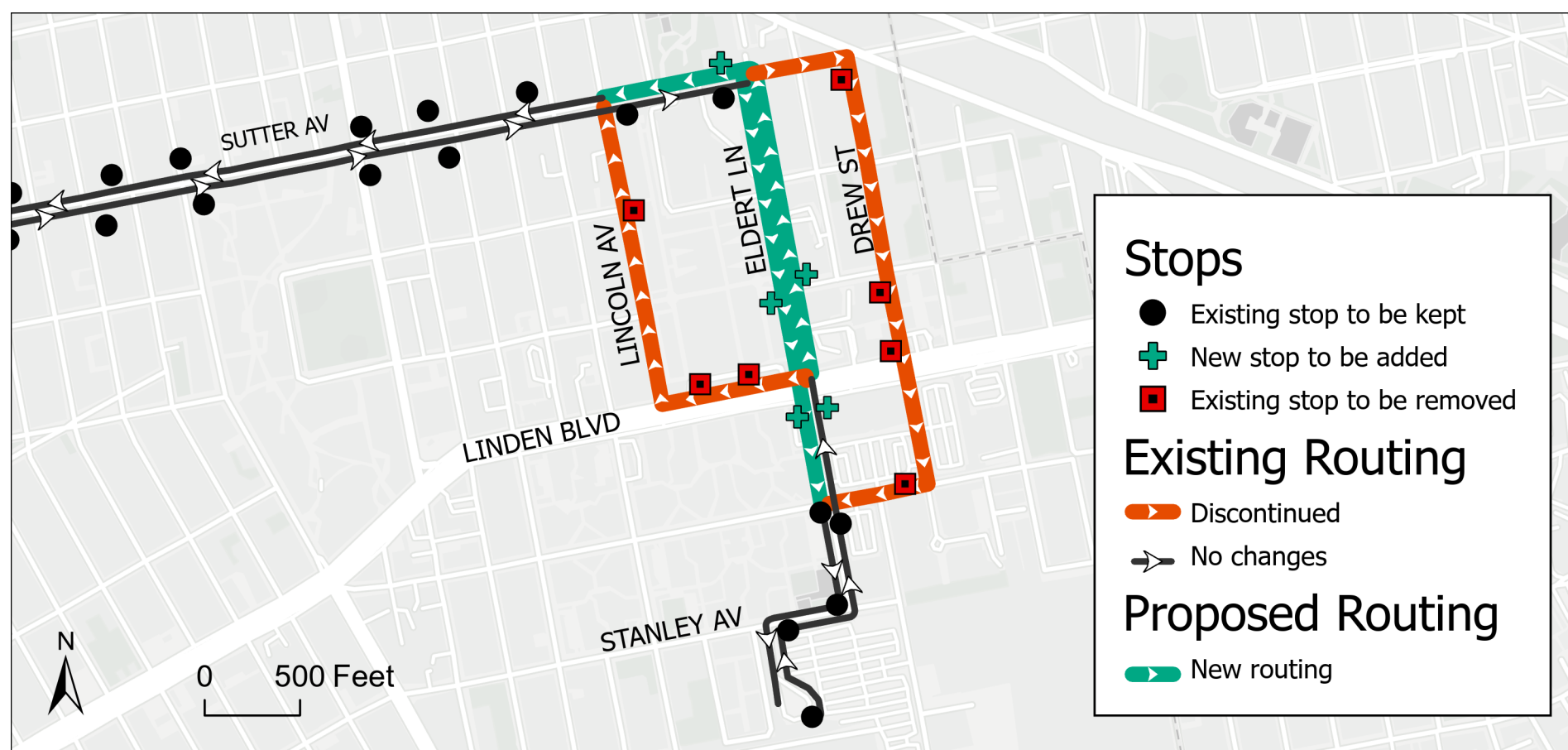
# Overview of Proposed Bus Service

- Routing remains unchanged, except for B14
- Buses travel in main road instead of service road
- Boarding island bus stops at Euclid Av, Crescent St, Eldert Ln, and 79 St



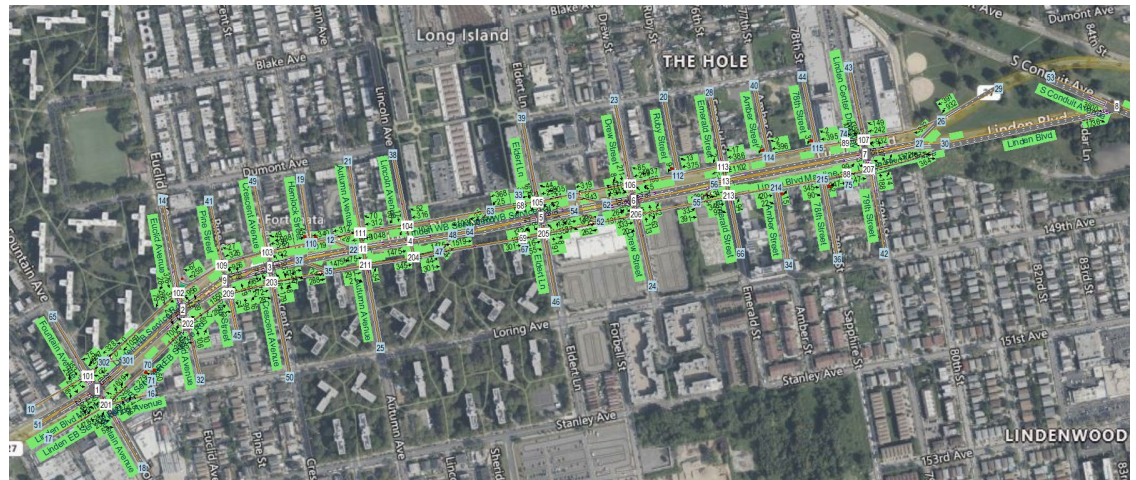
# B14 Proposed Route Adjustment

- Existing routing uses Linden Blvd for 1 block in northbound direction only
- Split routing puts NB and SB service a quarter mile apart
- Proposal puts service on Eldert Ln in both directions between Sutter Av and Stanley Av



# Traffic Analysis Methodology and Results

1. **Count traffic and pedestrians** at approx. 30 intersections on Linden Blvd and nearby streets
2. **Analyze vehicle origins and destinations** with anonymized GPS data from drivers on Linden Blvd
3. **Model each intersection and analyze:**
  - Signal timing
  - Number of lanes and turning movements (left, straight, right)
  - Pedestrian volumes
  - Existing conditions and multiple potential future scenarios
4. **Validate model** with in-person observations of traffic flow, parking movements, double parking and truck loading, etc.



Example of Synchro Traffic Model Network

5. **Analyze worst case scenario**
  - Busiest hours of day, longest traffic queues
  - Realistically, some drivers divert to other routes, other modes of transportation, or choose to travel at different times of day
  - Prepare traffic analyses for a range of scenarios, from no traffic reduction up to a 40% reduction
  - NYC DOT does not expect the Linden Blvd bus priority SIP to significantly affect traffic flow along this corridor

**Result is a prediction of the future according to engineering standards.**

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# Next Steps

# 3

# Project Timeline

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- **Spring 2026:**
  - Refine proposal based on community feedback
  - Continue site visits and data collection
- **Late Summer/Fall 2026:**
  - Begin implementing project, starting with concrete construction
- **Spring/Summer 2027**
  - Repave roadway, finish project implementation, and install roadway markings and signage
- **Summer 2027 and beyond:**
  - Monitor project performance, adjust as needed

# Thank You!

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## Questions?



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