



SPRINGFIELD GARDENS/SOUTH JAMAICA TRANSPORTATION STUDY

EXISTING CONDITIONS ANALYSIS

TAC MEETING #2 – DECEMBER 11, 2018



Overview

- ❑ Background
- ❑ Study Goals/Objectives and Boundaries
- ❑ **Existing Conditions Analysis**
- ❑ **Issues & Findings**
- ❑ Next Steps
- ❑ Questions and Answers



BACKGROUND

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STUDY GOALS & OBJECTIVES

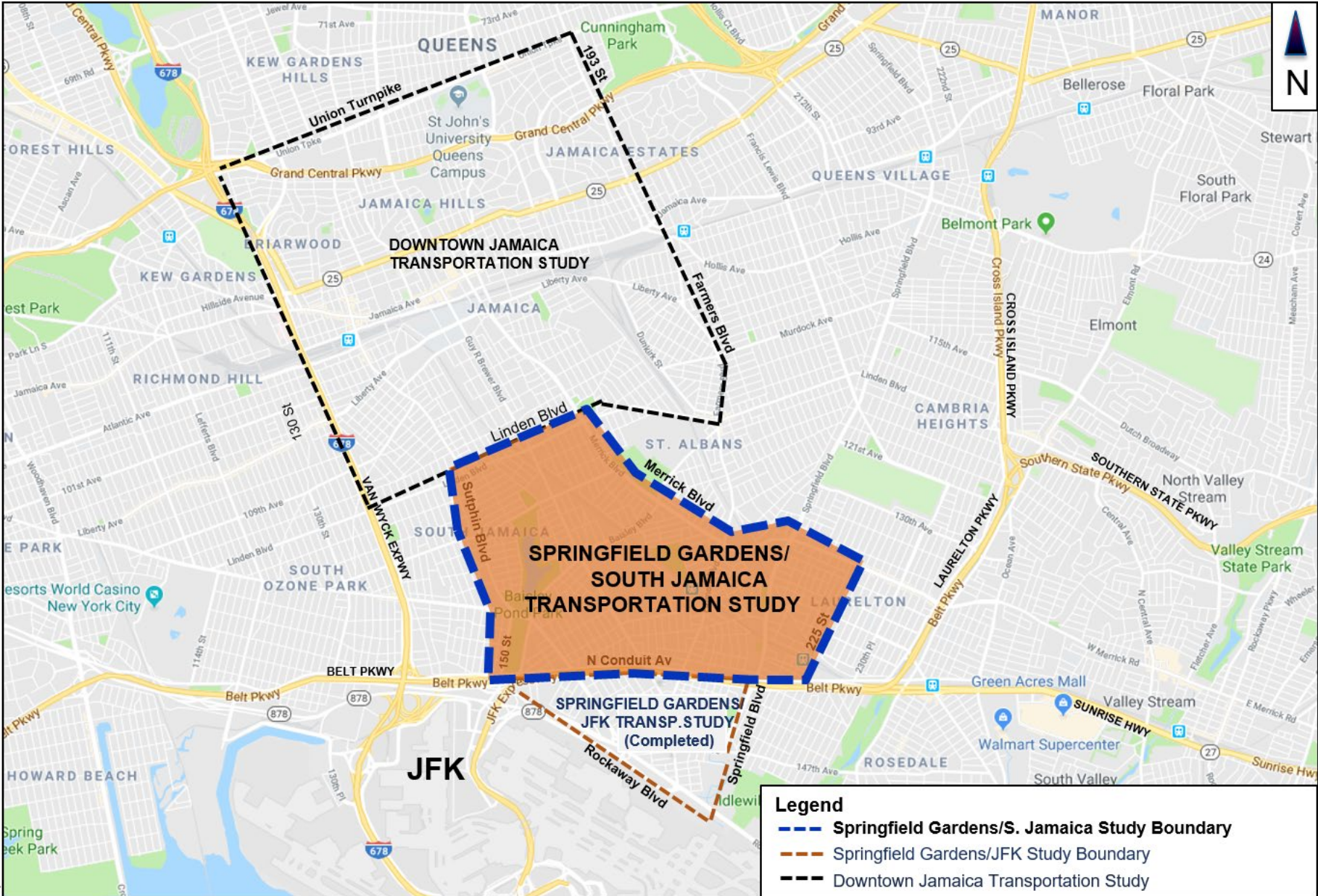
Study Goals:

The goals of the study are to provide safe and sustainable transportation to improve safety and mobility of all street users and to enhance the quality of life of people who live, work, shop and visit the area.

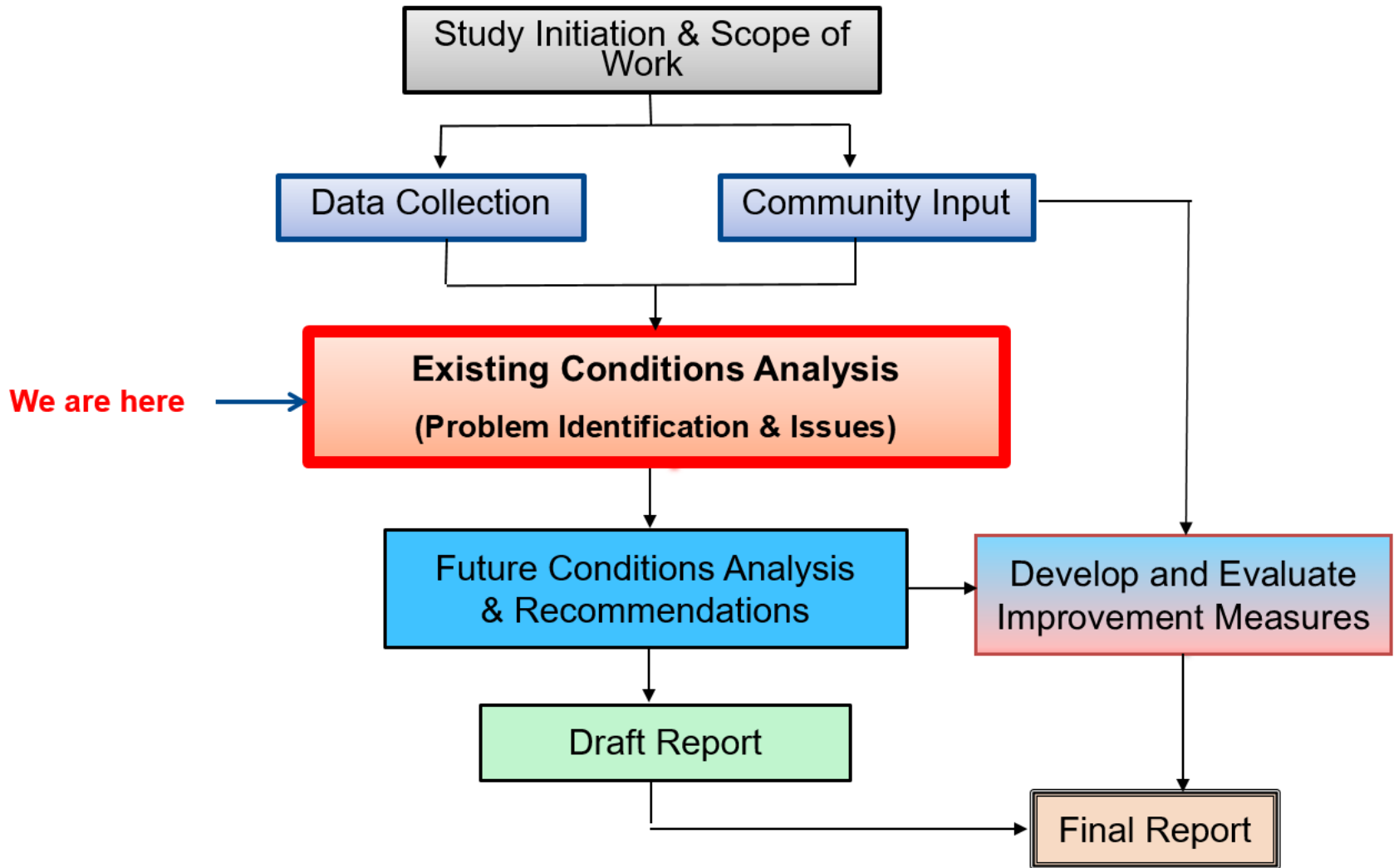
Study Objectives:

- To analyze existing traffic conditions and travel demand/characteristics;
- To forecast future traffic conditions and travel demand;
- Identify and define problems with community input; and
- Develop improvement measures to address traffic and transportation issues for all street users.

STUDY AREA IN REGIONAL CONTEXT



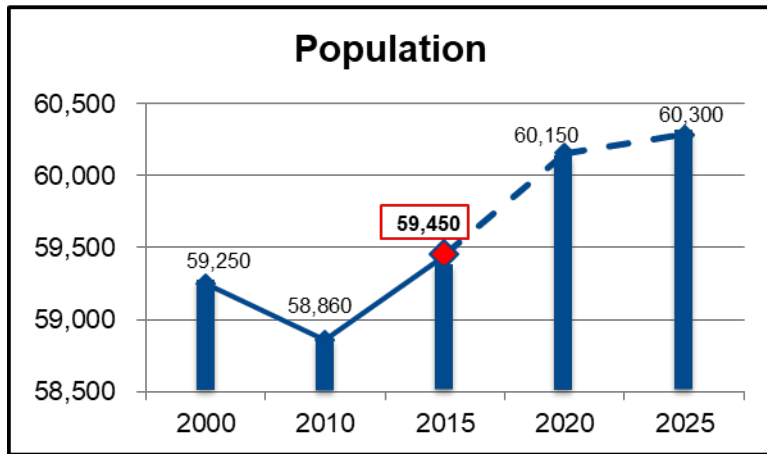
STUDY PROCESS



EXISTING CONDITIONS ANALYSIS

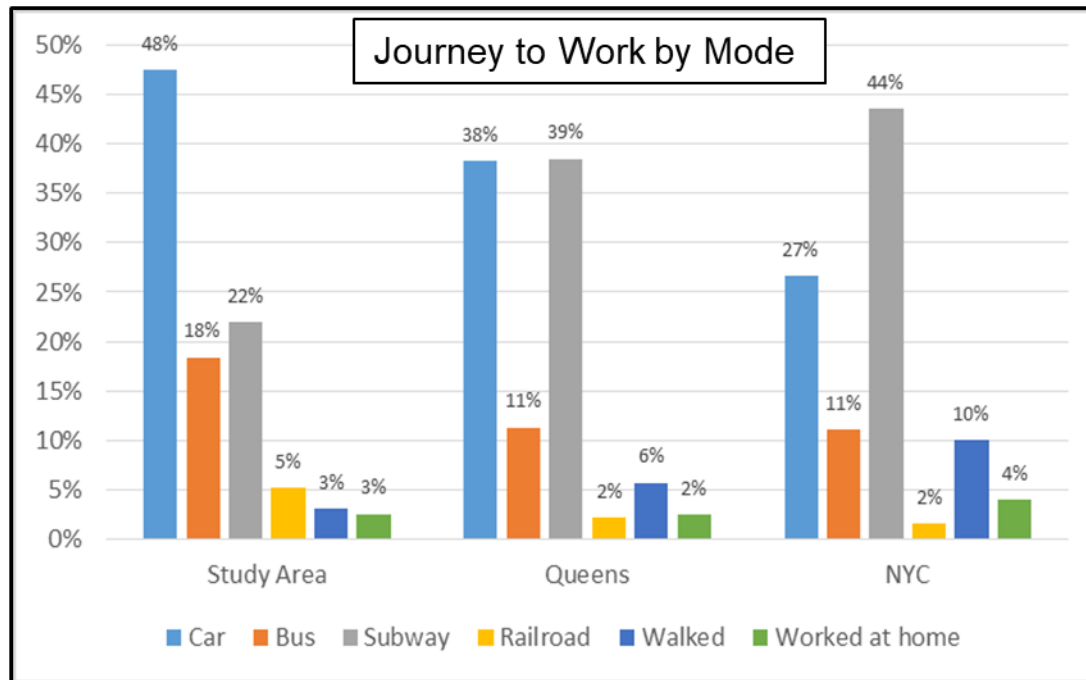
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DEMOGRAPHICS & SOCIO-ECONOMIC DATA

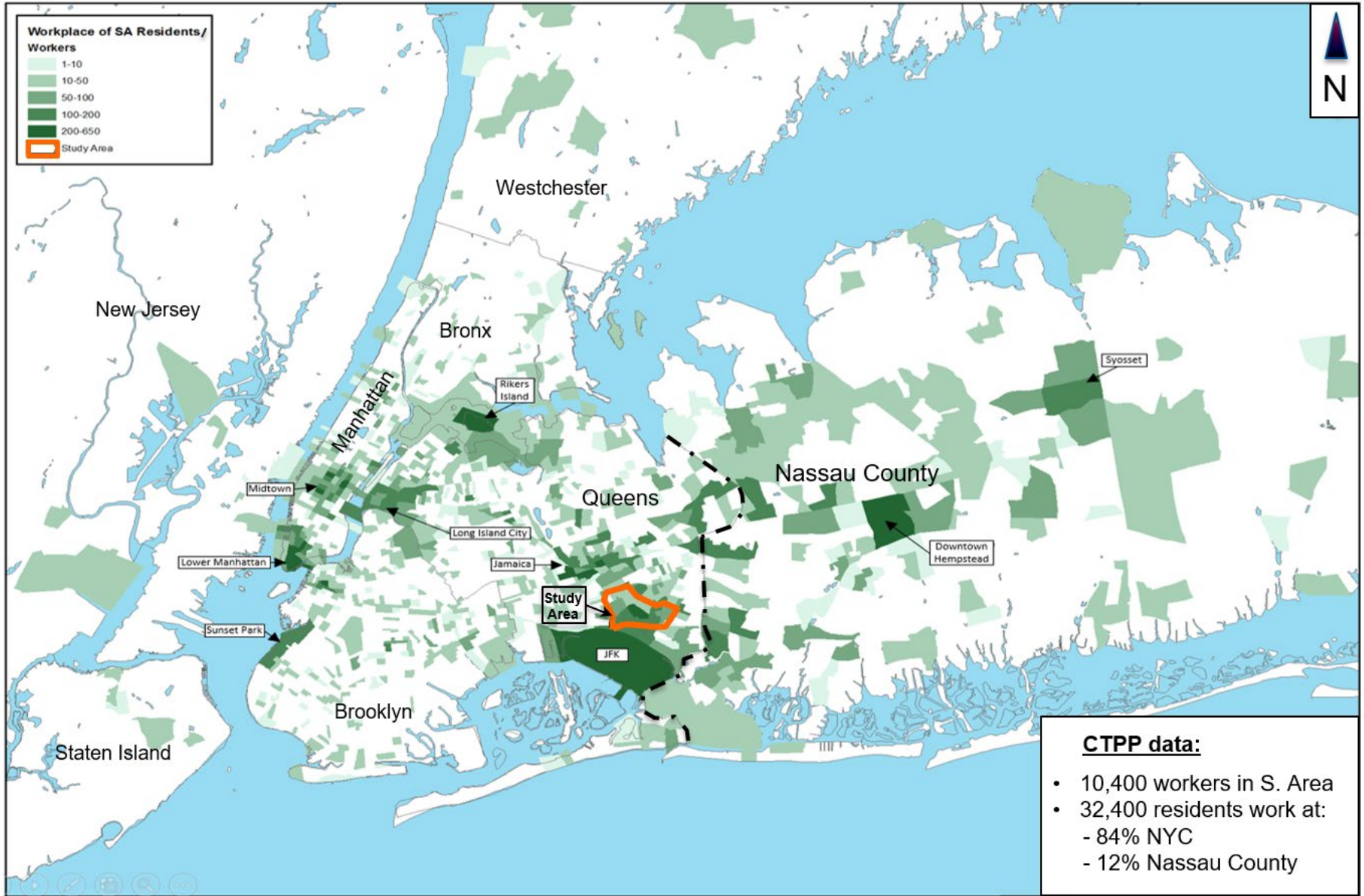


2015 Demographics:

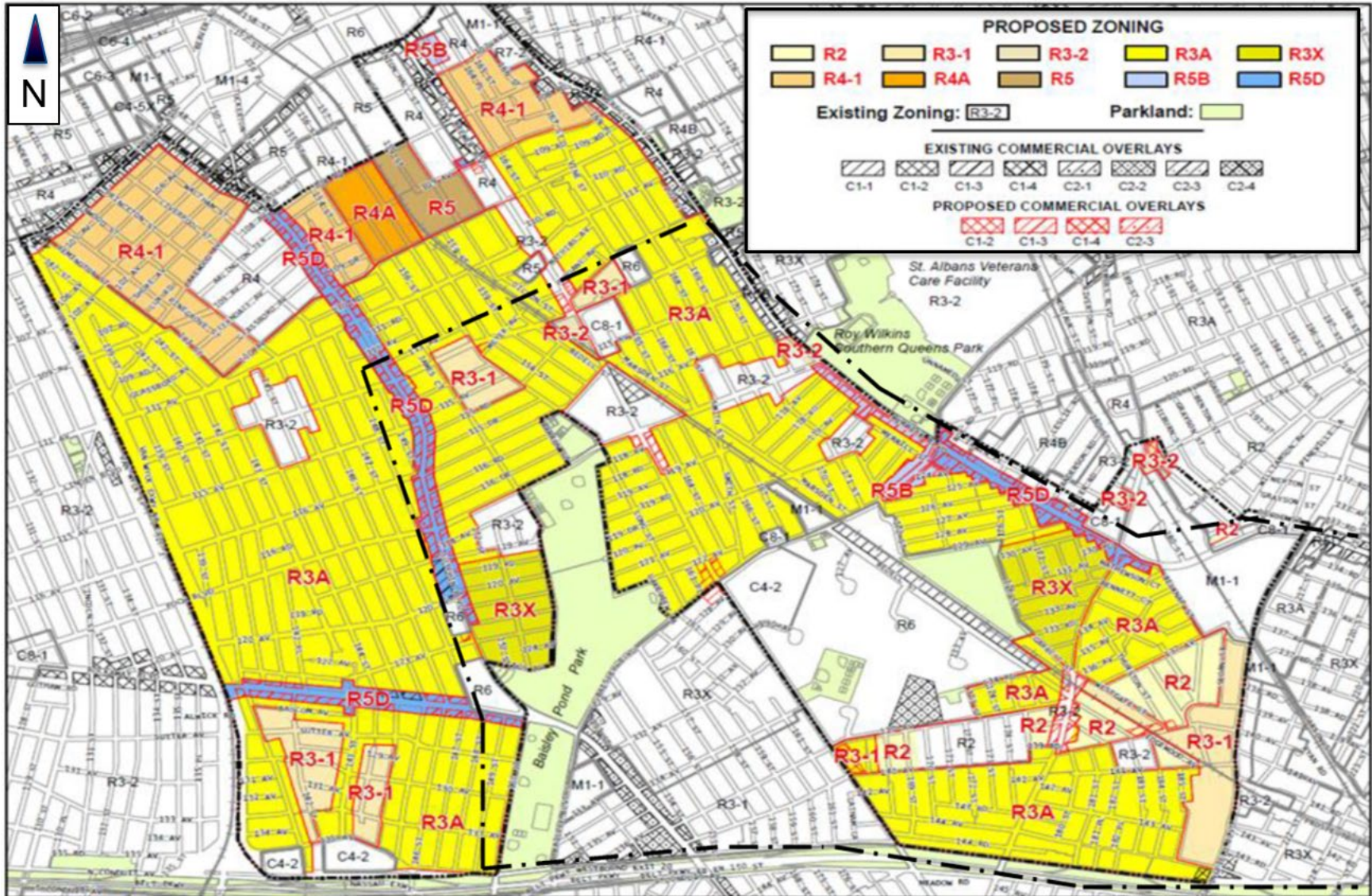
- Household Size: 3.0
- Median Household Income: \$62,000
- 73% Households have at least one vehicle



WHERE STUDY AREA RESIDENTS WORK?



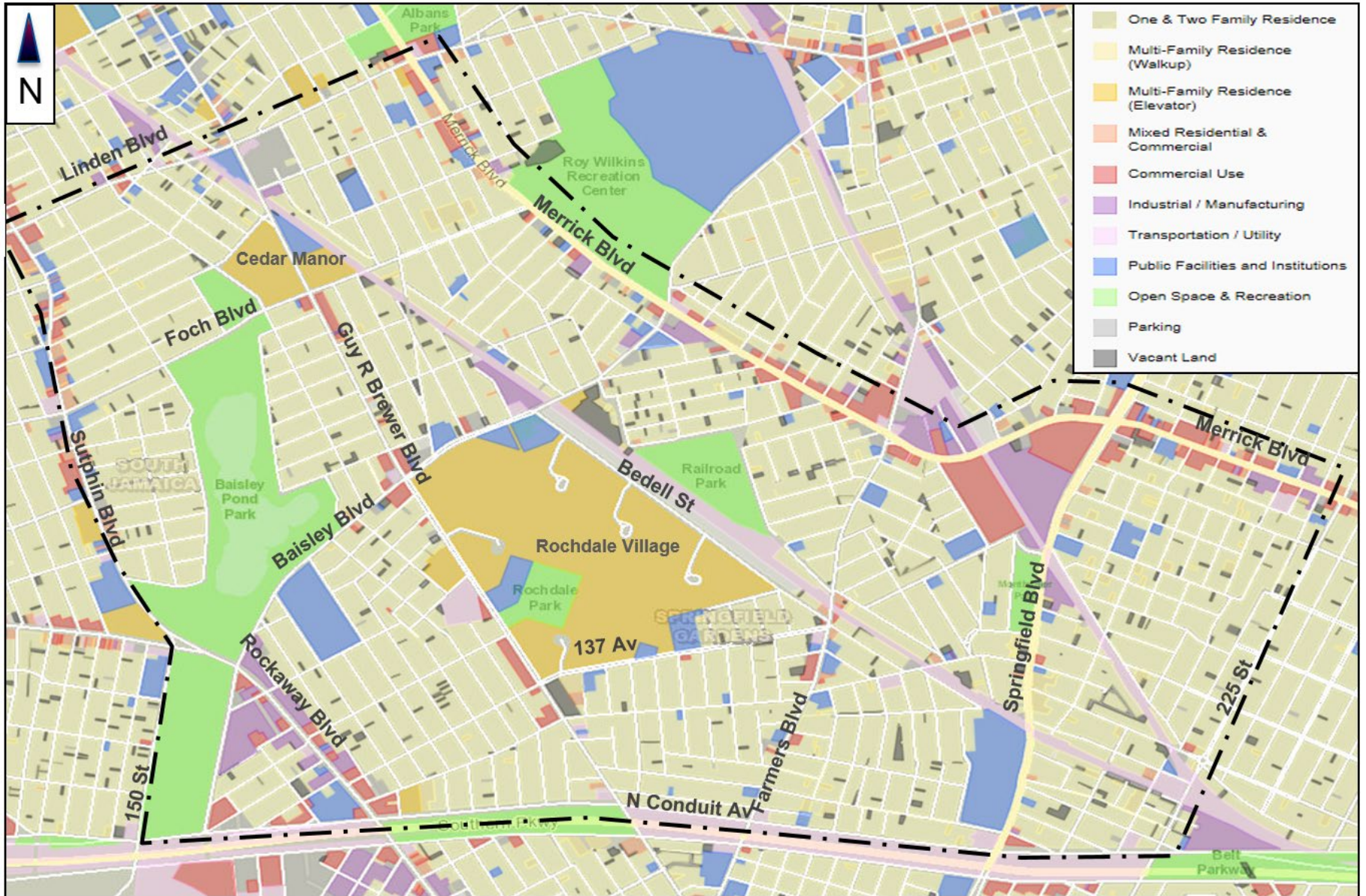
SOUTH JAMAICA REZONING (2010)



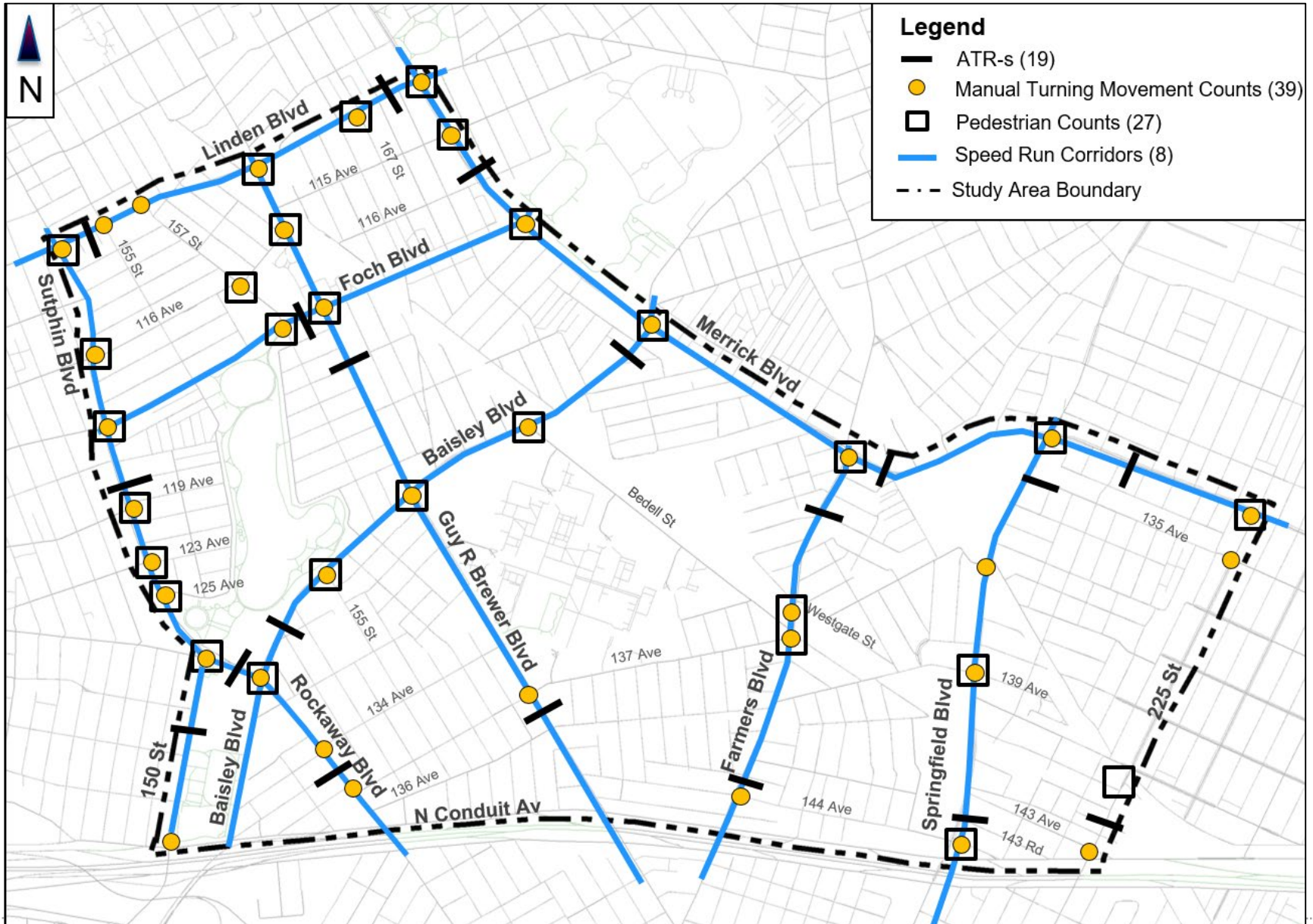
SOUTH JAMAICA REZONING - NYC Department of City Planning /Queens Office

September 2010

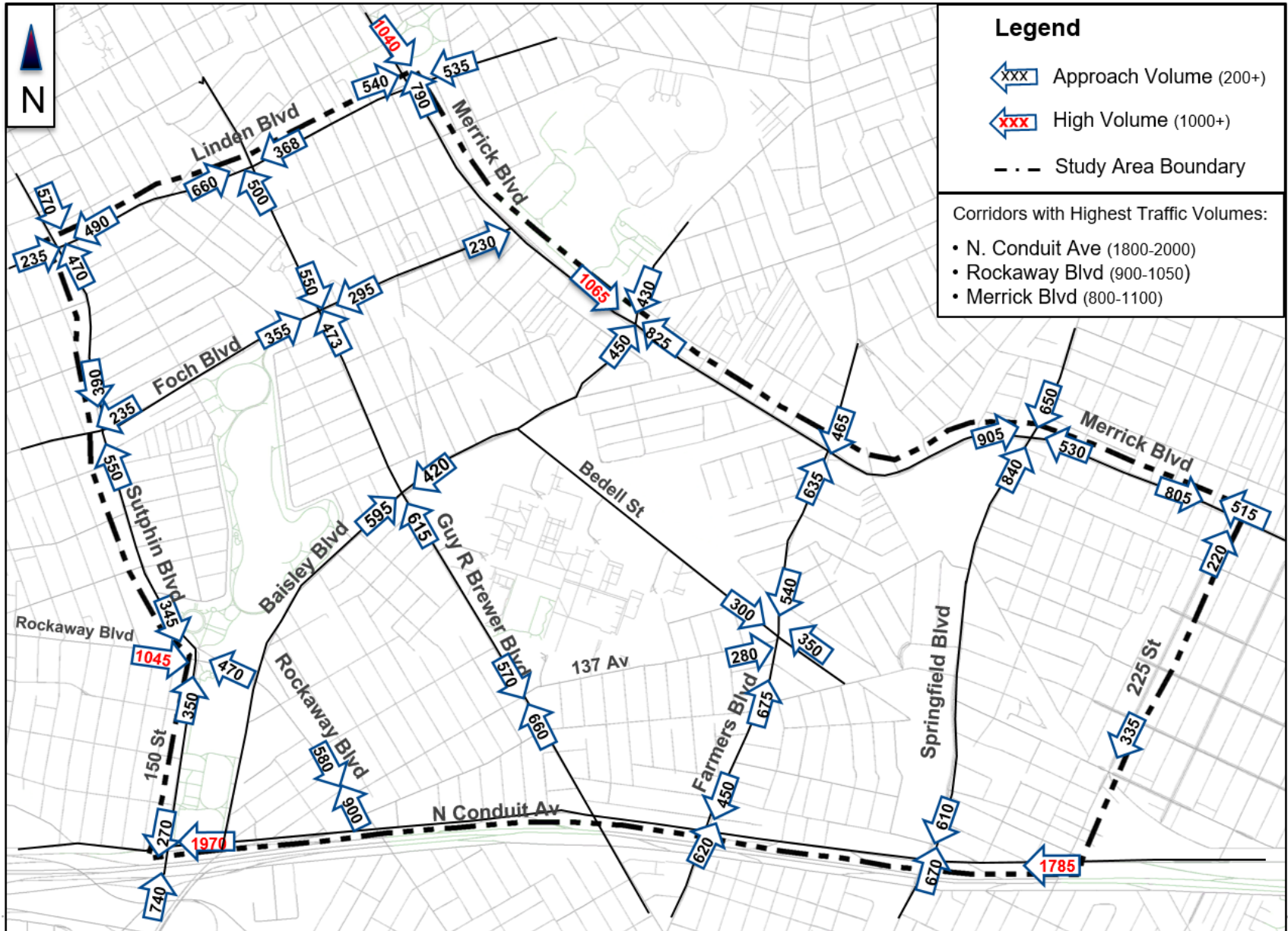
EXISTING LAND USE



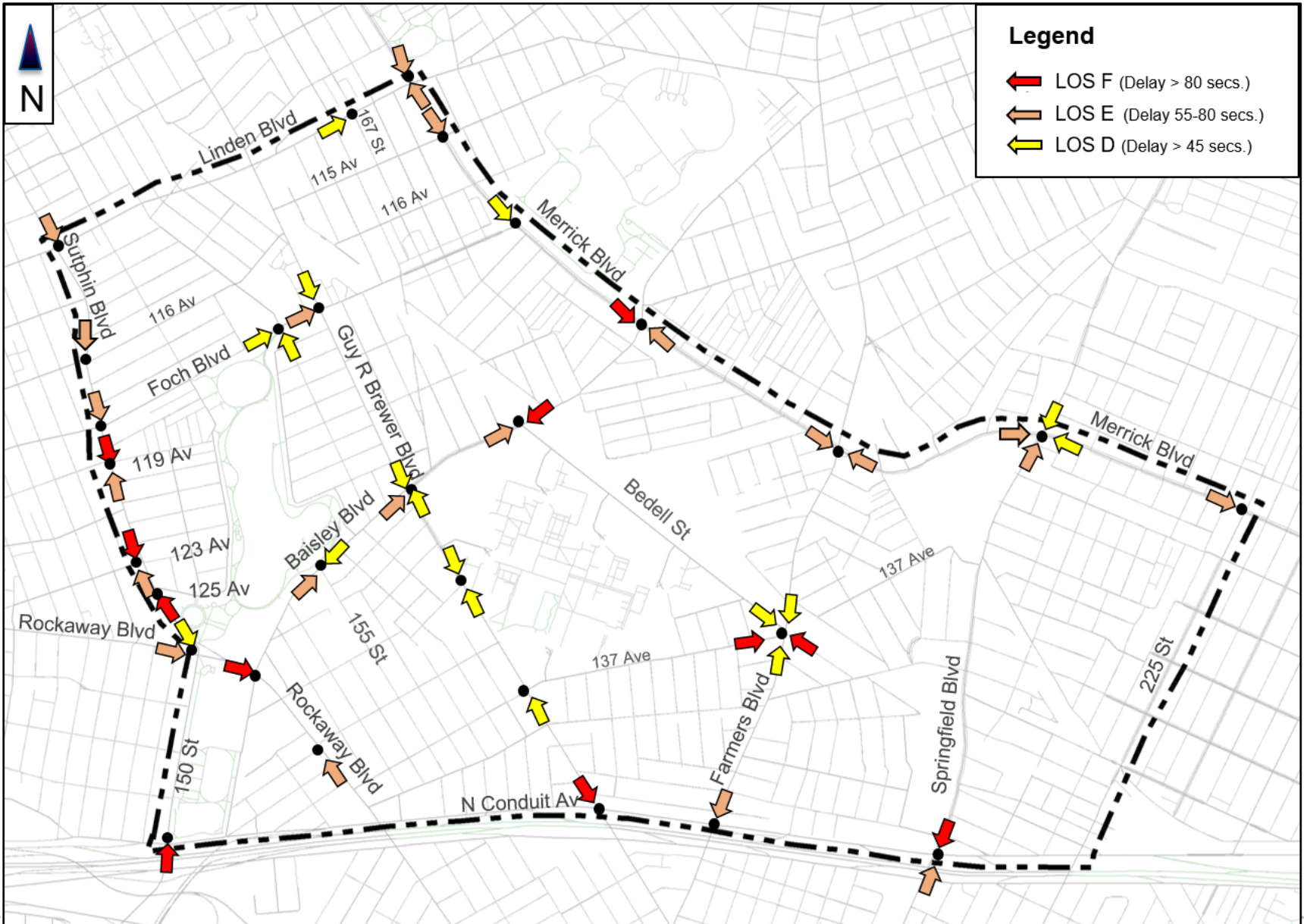
DATA COLLECTION



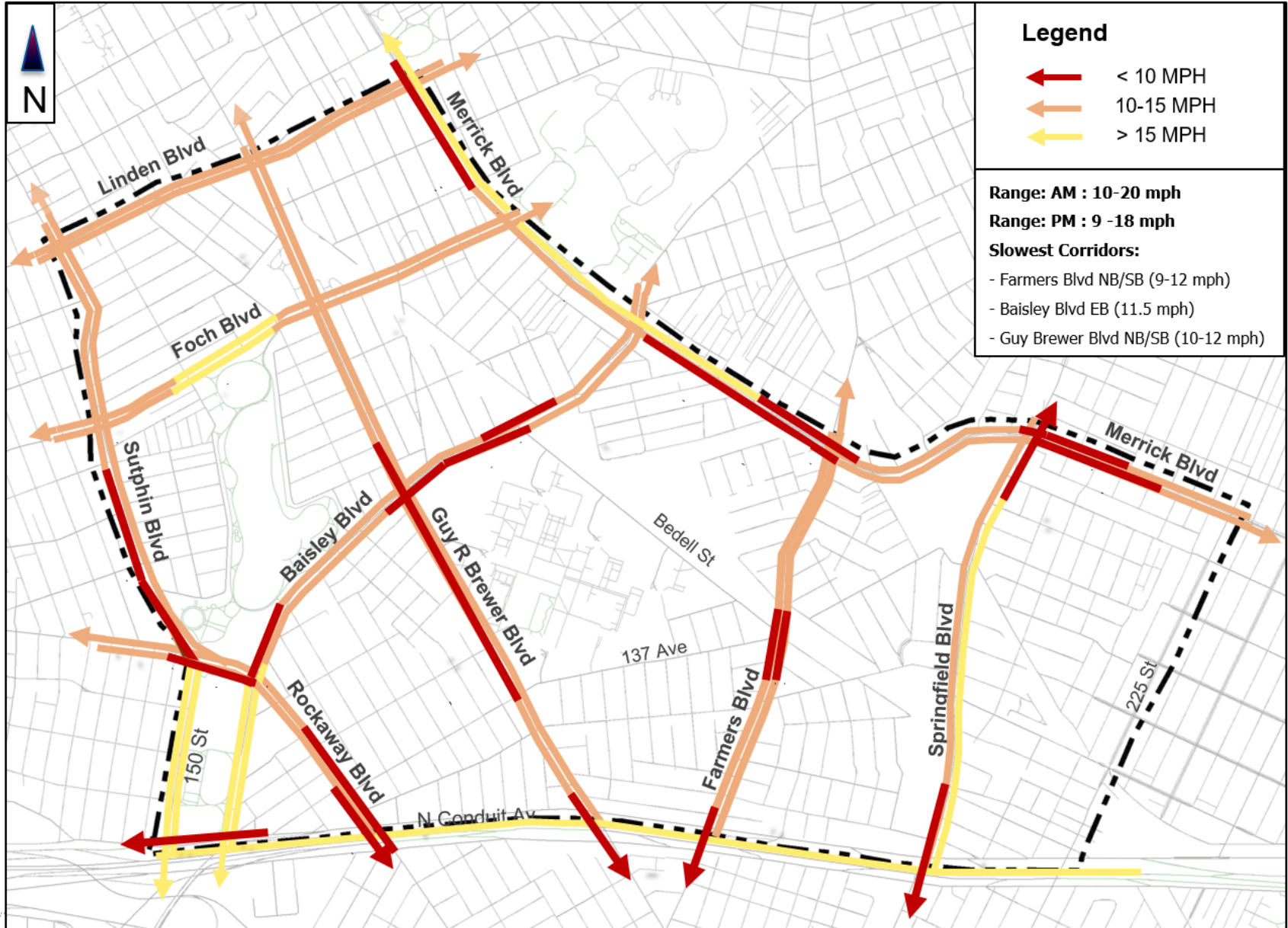
VEHICULAR VOLUMES (PM PEAK HOUR)



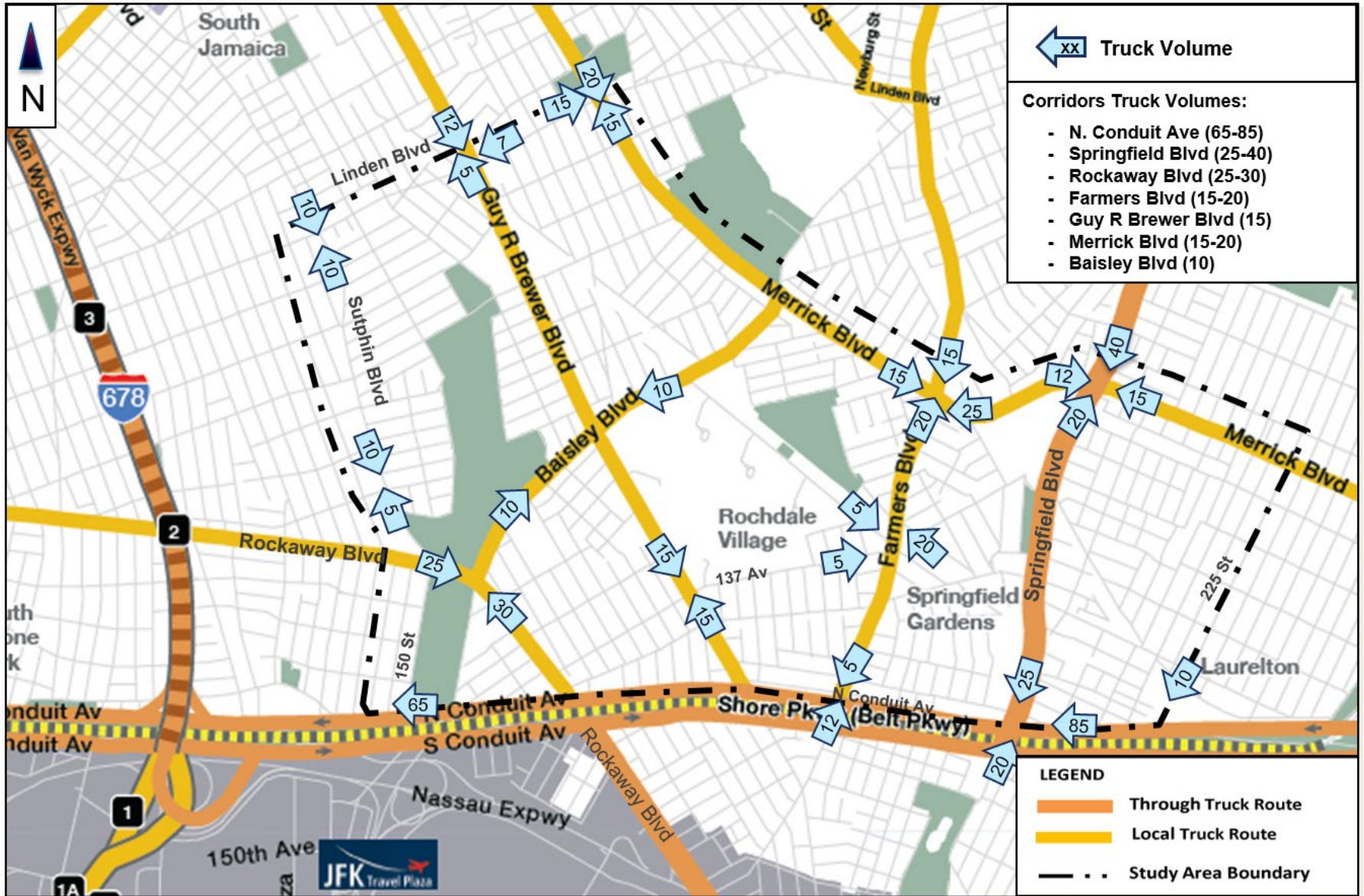
INTERSECTION/APPROACH LOS (PM PEAK)



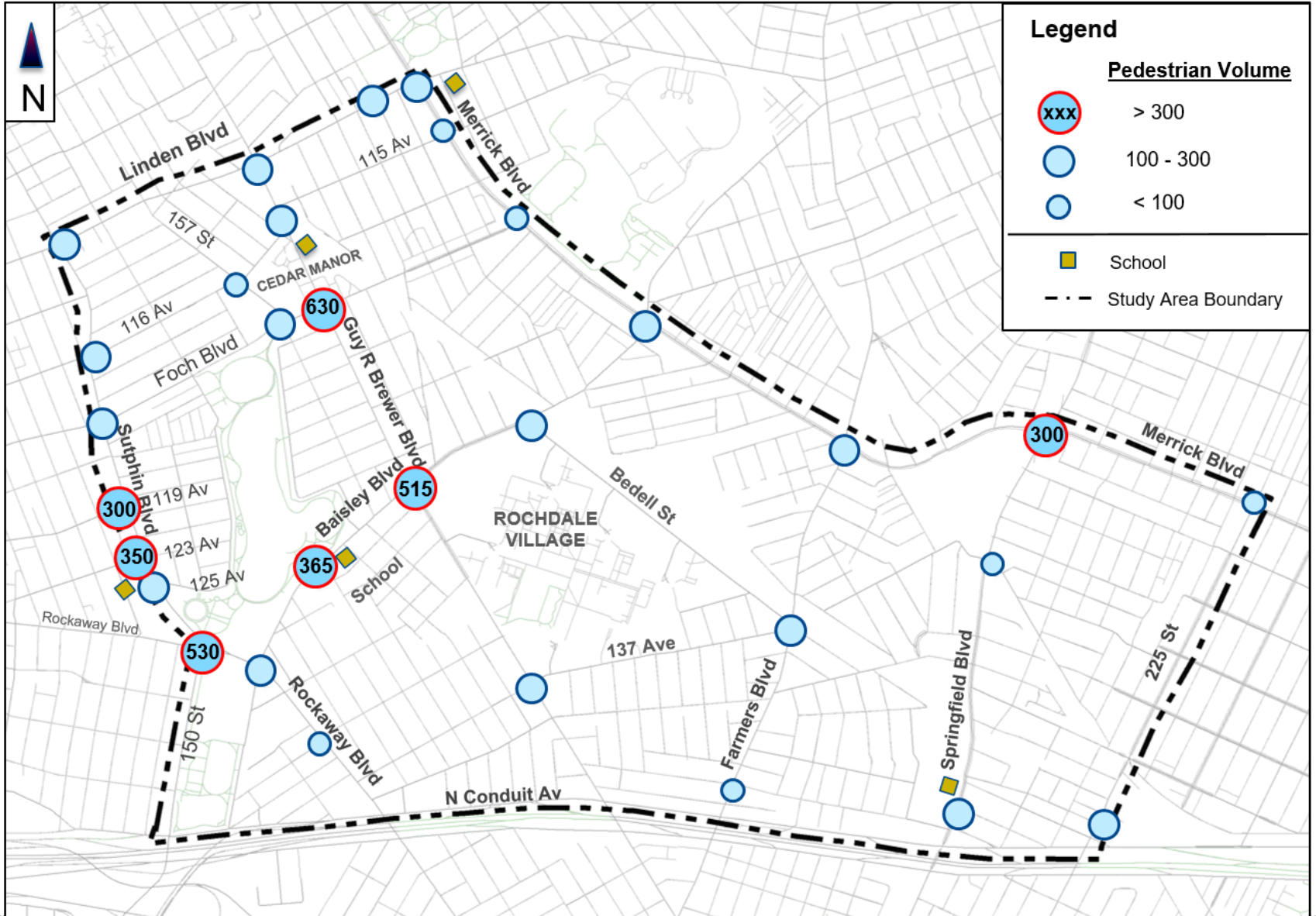
CORRIDORS TRAVEL SPEED (PM PEAK)



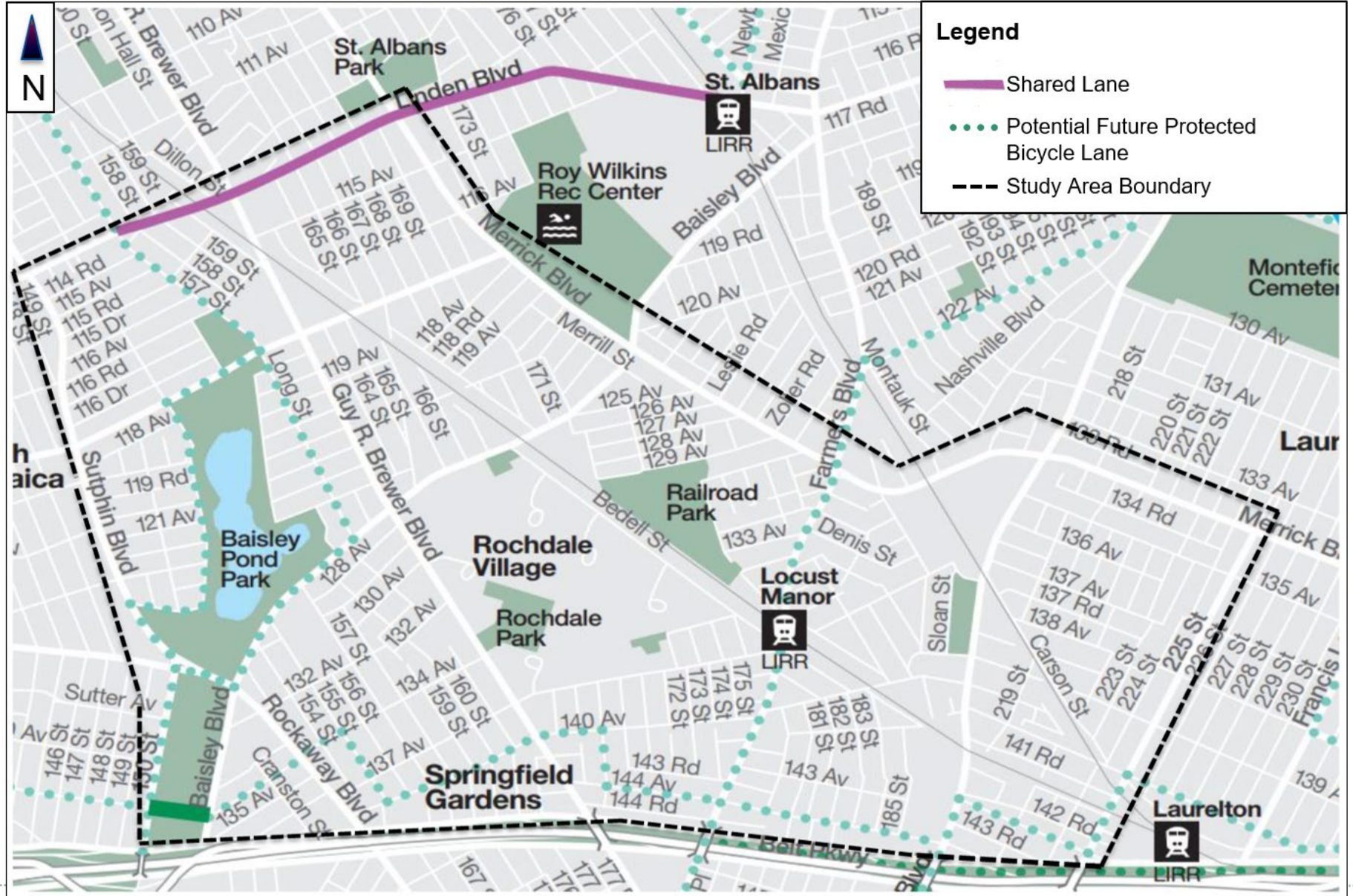
TRUCK ROUTES & VOLUME (PM PEAK)



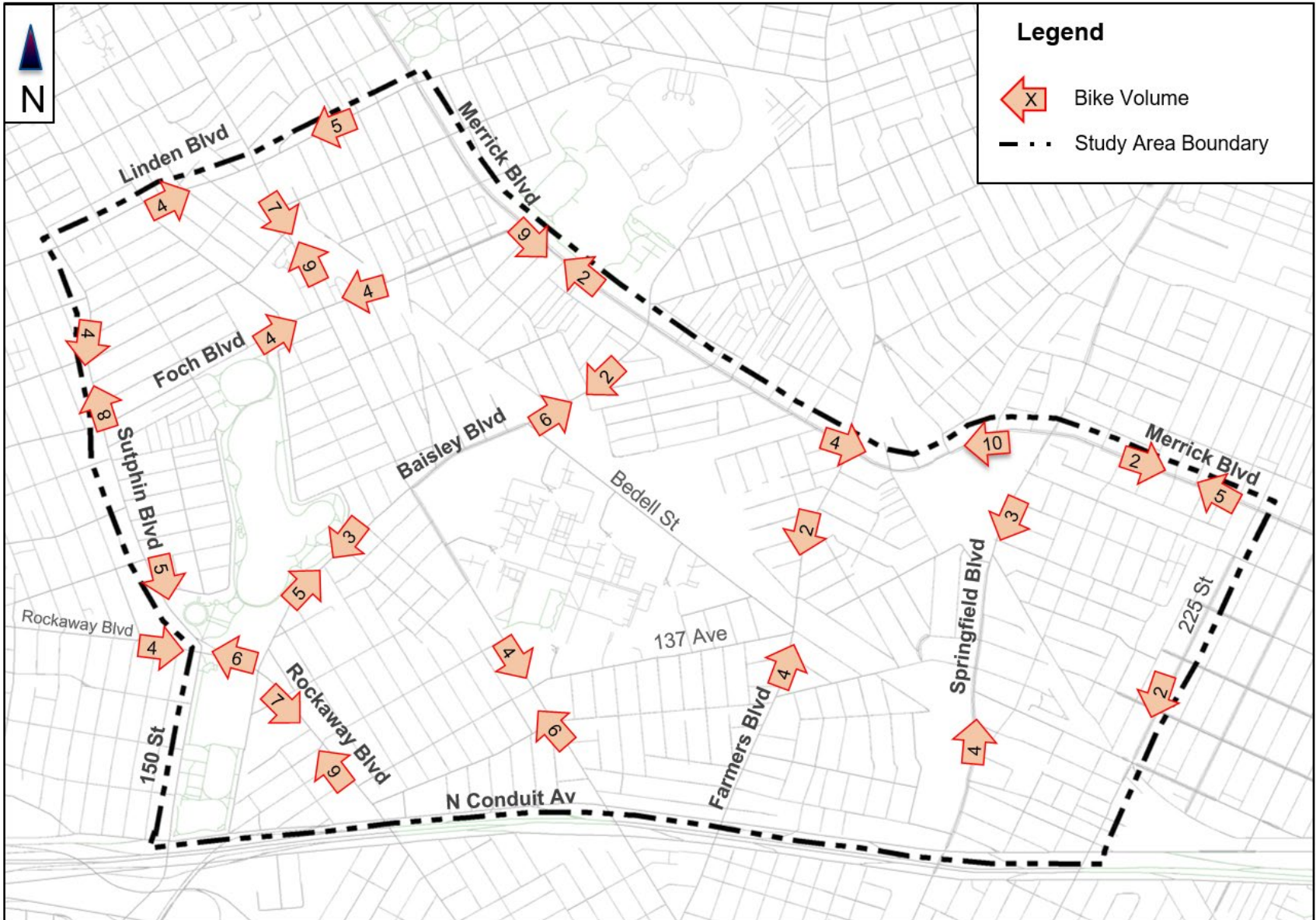
PEDESTRIAN VOLUMES (AM PEAK HOUR)



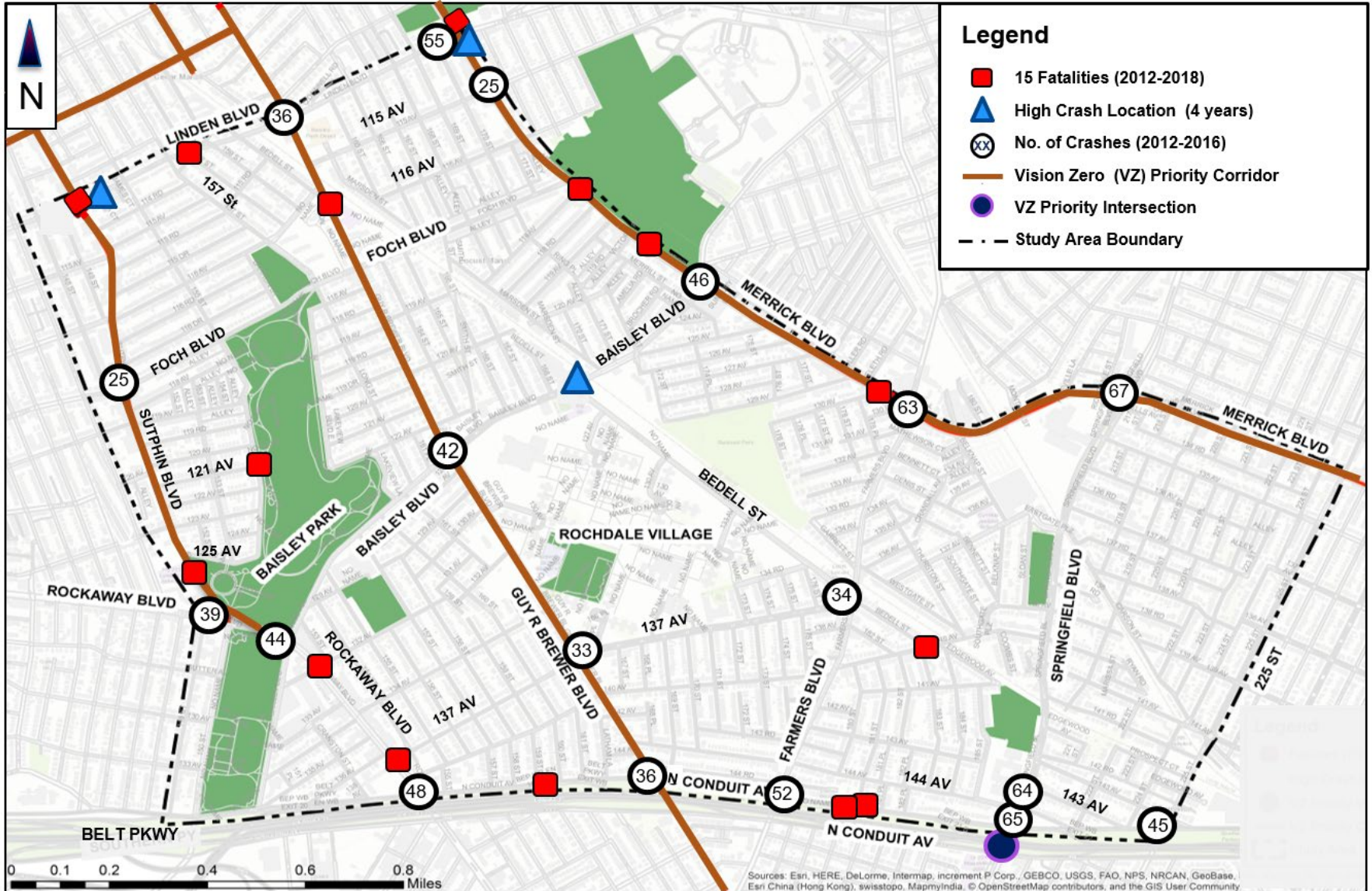
BICYCLE FACILITIES (ROUTES)



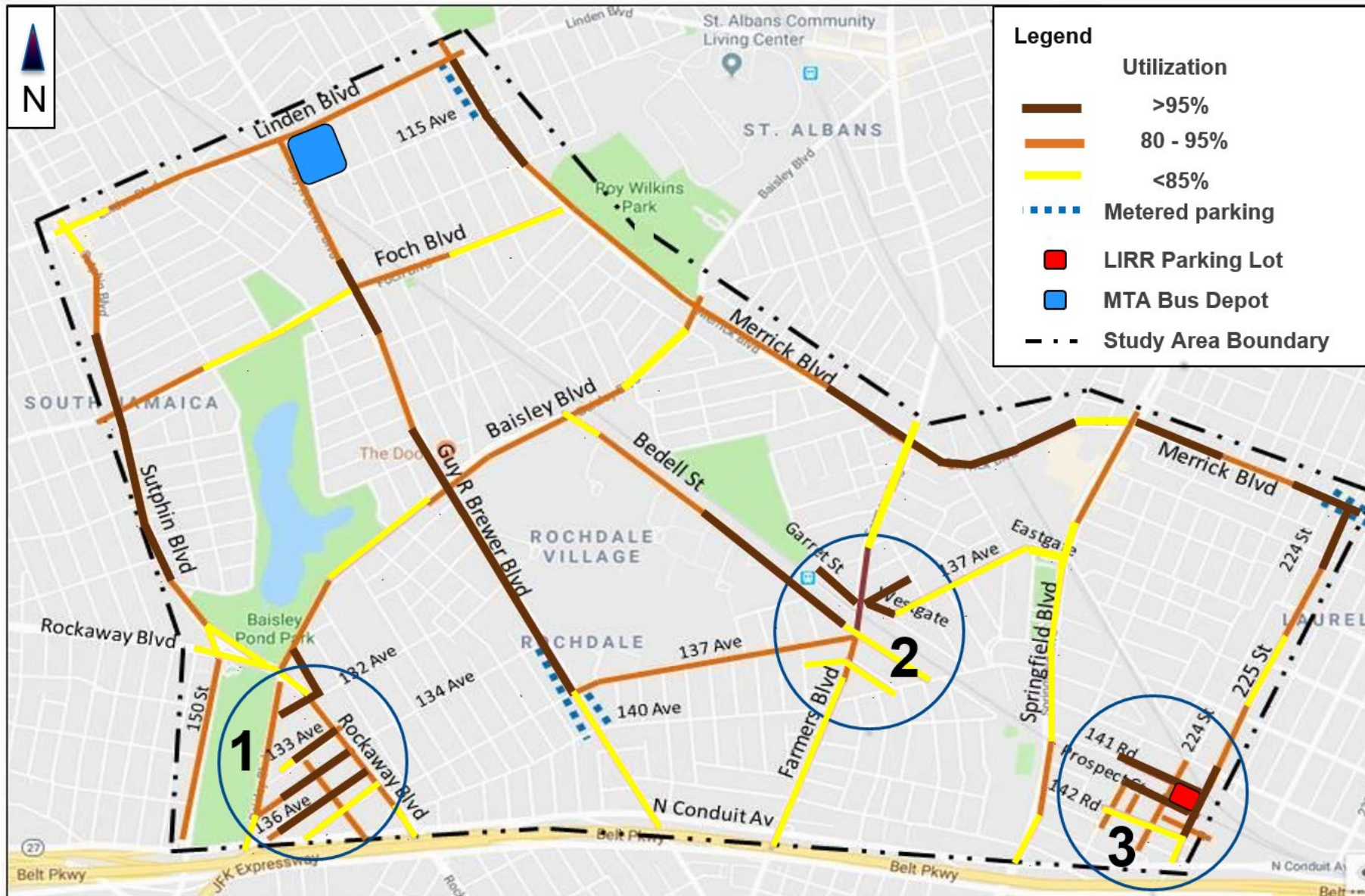
BICYCLE VOLUMES (PM PEAK)



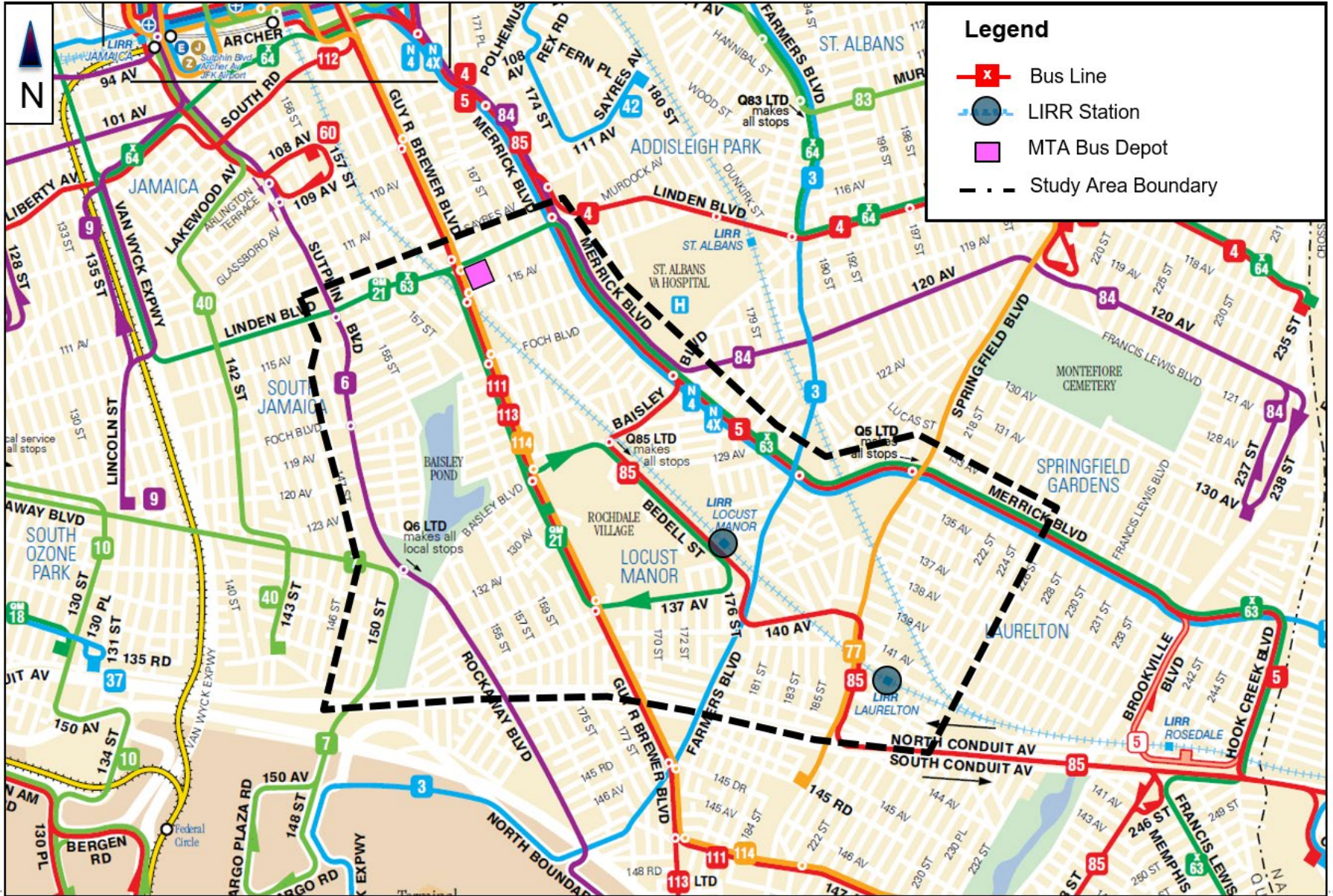
CRASH & SAFETY ANALYSIS



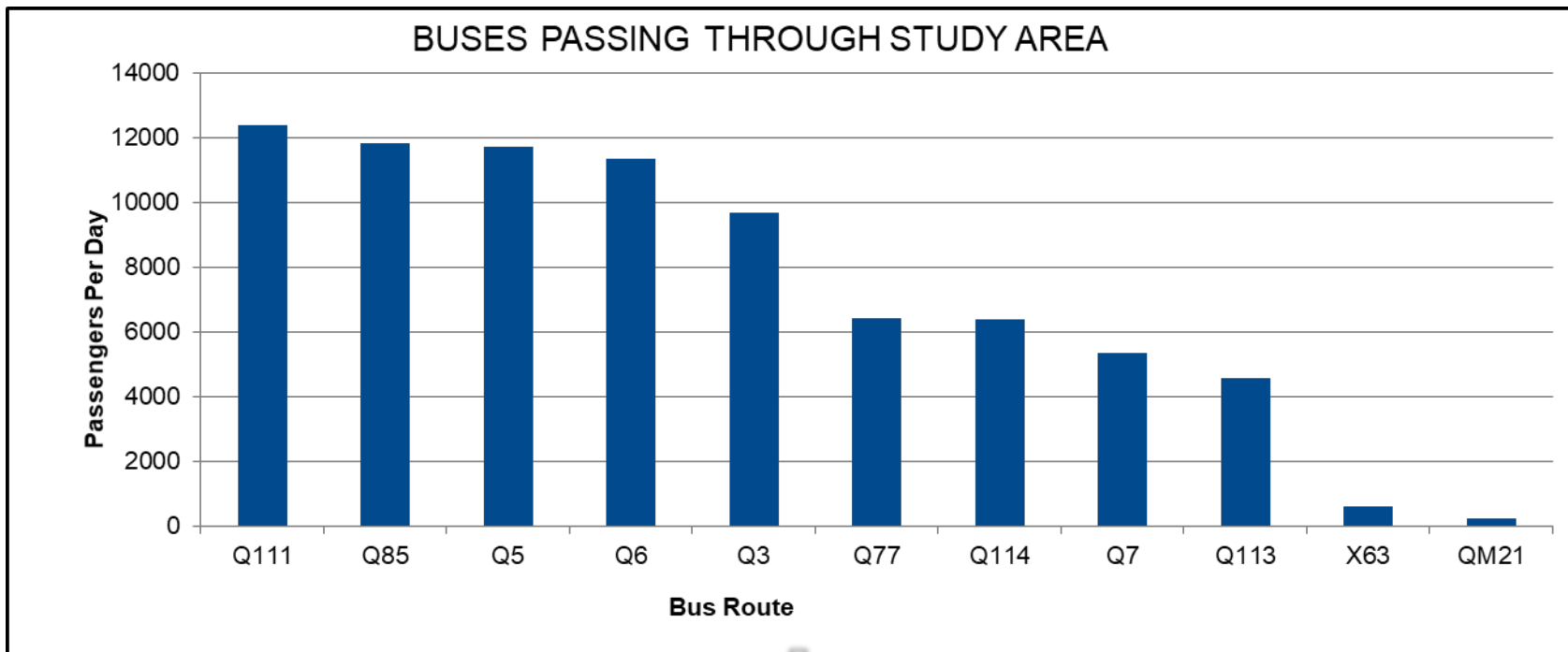
ON-STREET PARKING & UTILIZATION (PM)



PUBLIC TRANSIT NETWORK



WEEKDAY BUS RIDERSHIP



Top 5 Bus Ridership Routes & O&D:

Q111: Jamaica Center to/from Rosedale

Q85/Q5: Jamaica Center to/from Rosedale & Green Acres

Q6/Q3: Jamaica Center to/from JFK

ISSUES & FINDINGS

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ISSUES & FINDINGS

CORRIDORS

- 10 corridor segments with congestion/low travel speed/signal progression;
- 7 corridors with noticeable trucks activity; and
- 3 bus routes with service provision issues.

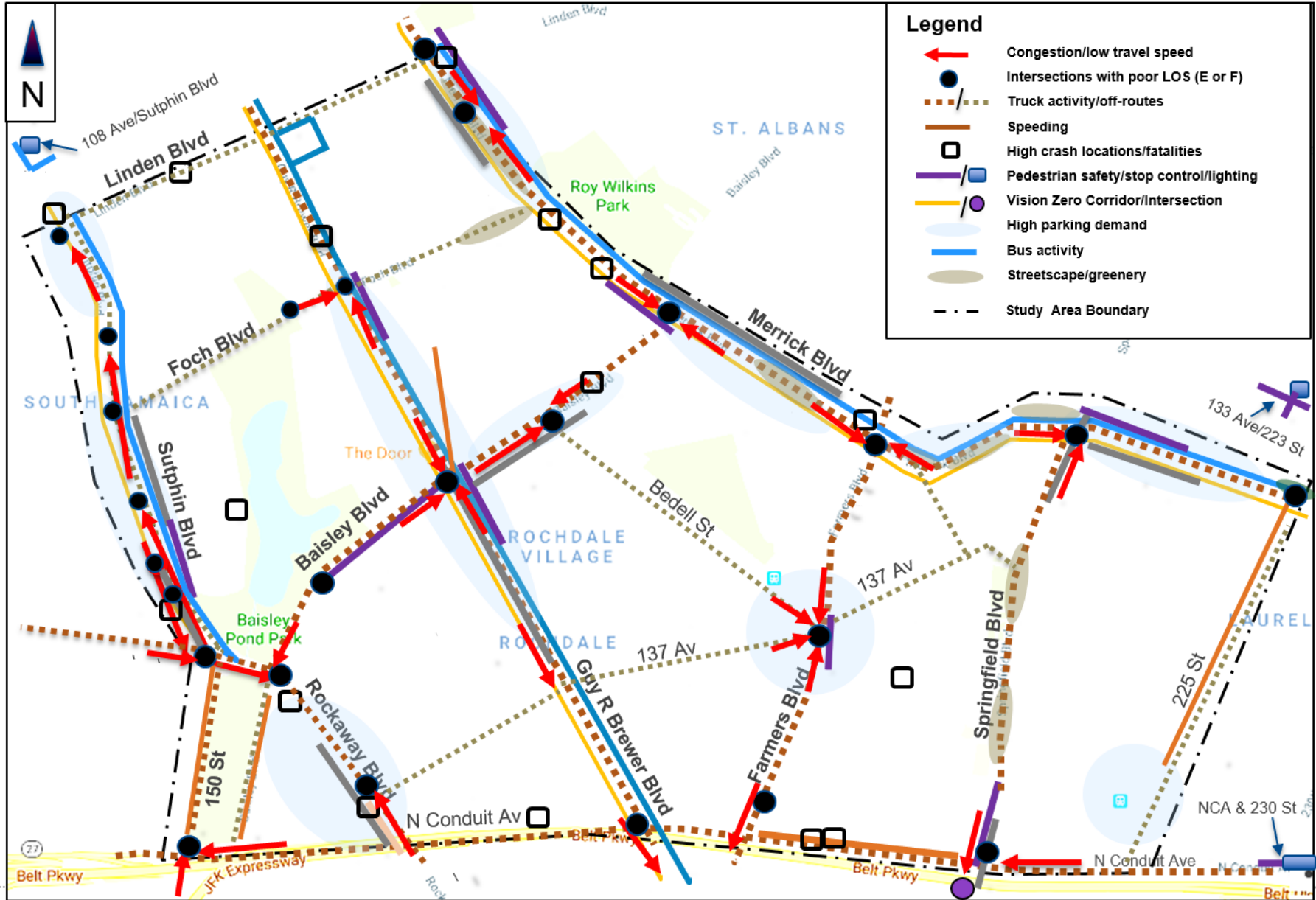
INTERSECTIONS

- 25 intersections with poor LOS / 8 complex intersections;
- 3 high crash locations/15 fatalities; and
- 11 areas/street segments at/or above parking capacity.

COMMUNITY INPUT

- Roadway segments with streetscape/greenery deficiencies, poor street lighting;
- No traffic control, missing/add signage; and
- Need for increased traffic enforcement.

SYNTHESIS OF ISSUES & FINDINGS

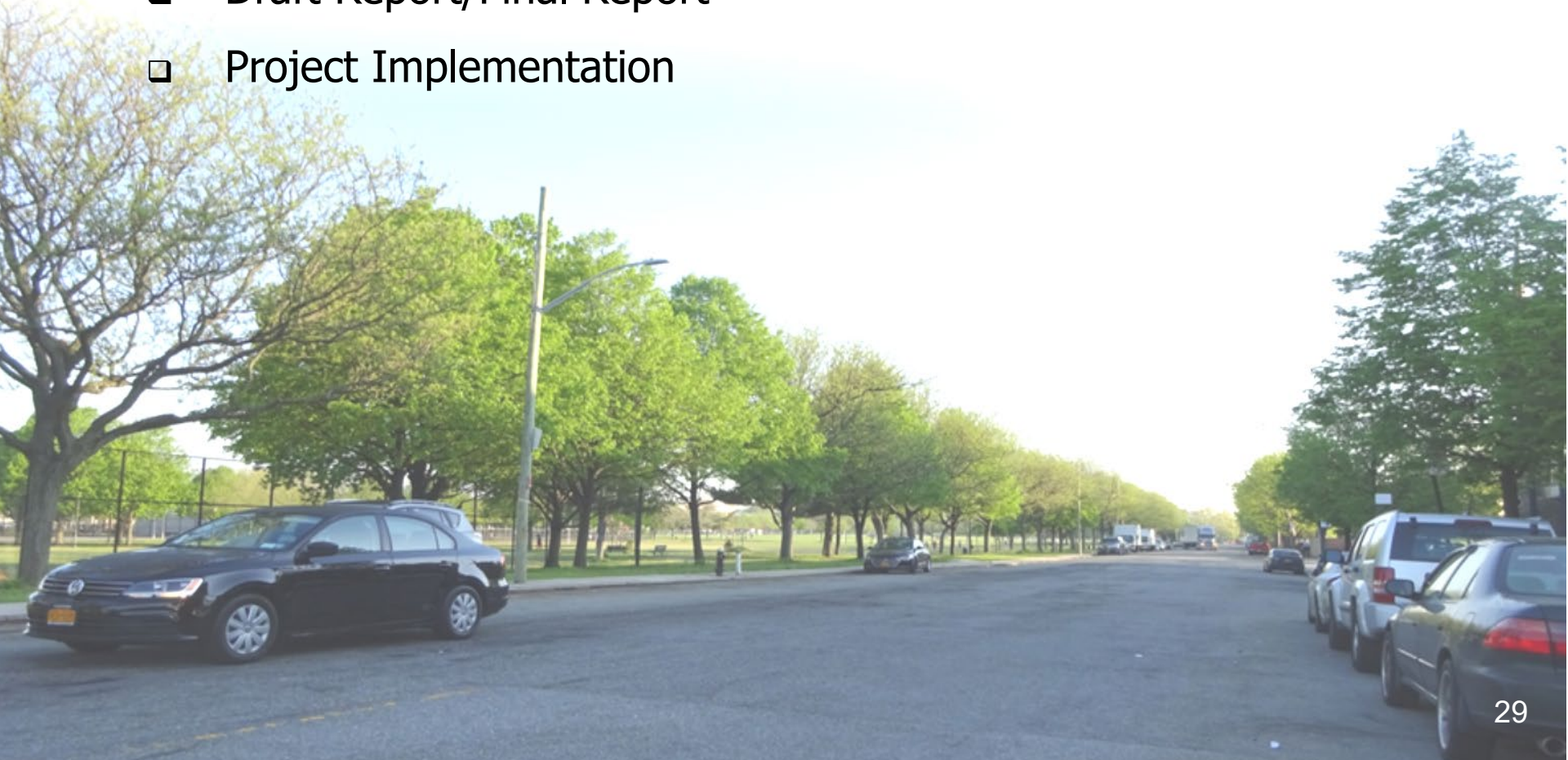


NEXT STEPS

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NEXT STEPS

- ❑ Public Meeting #2
- ❑ Future Condition Analysis with Recommendations
- ❑ TAC Meeting #3 / Public Meeting #3
- ❑ Draft Report/Final Report
- ❑ Project Implementation



THANK YOU!

Questions?

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DOT Web Portal:

<http://nycdotfeedbackportals.nyc/springfield-gardens-south-jamaica-study/springfield-gardenssouth-jamaica>

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