

SPRINGFIELD GARDENS/SOUTH JAMAICA

TRANSPORTATION STUDY

KICK-OFF PUBLIC MEETING – MAY 21, 2018



OVERVIEW

- ❖ **Introduction**
- ❖ **Goal & Objectives**
- ❖ **Study Area Boundaries**
- ❖ **Organization and Methodology**
- ❖ **Next Steps**
- ❖ **Questions and Answers**

STUDY GOAL & OBJECTIVES

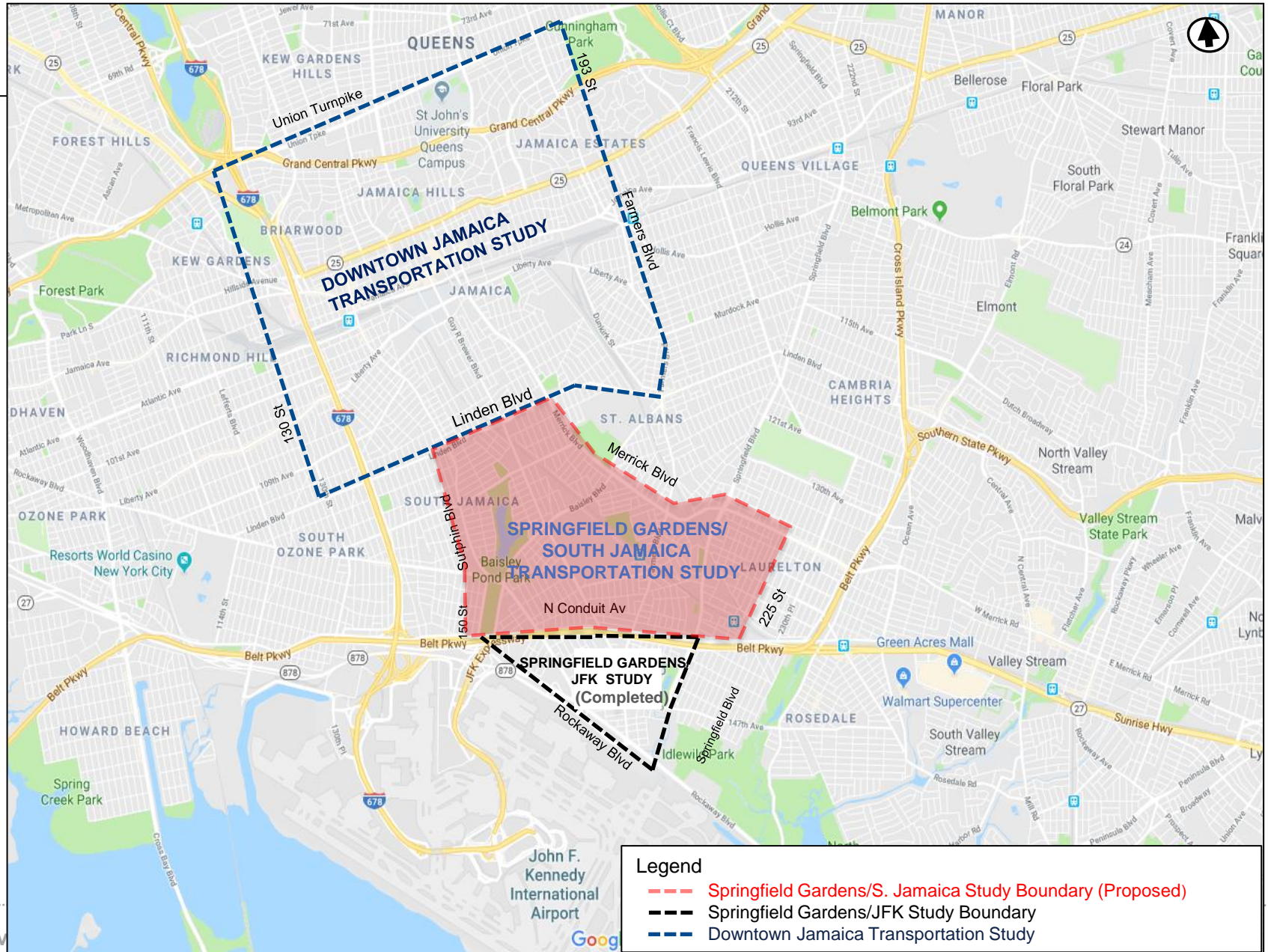
STUDY GOAL:

- To assess the existing and future traffic and transportation conditions and make recommendations to improve traffic operations and quality of life.

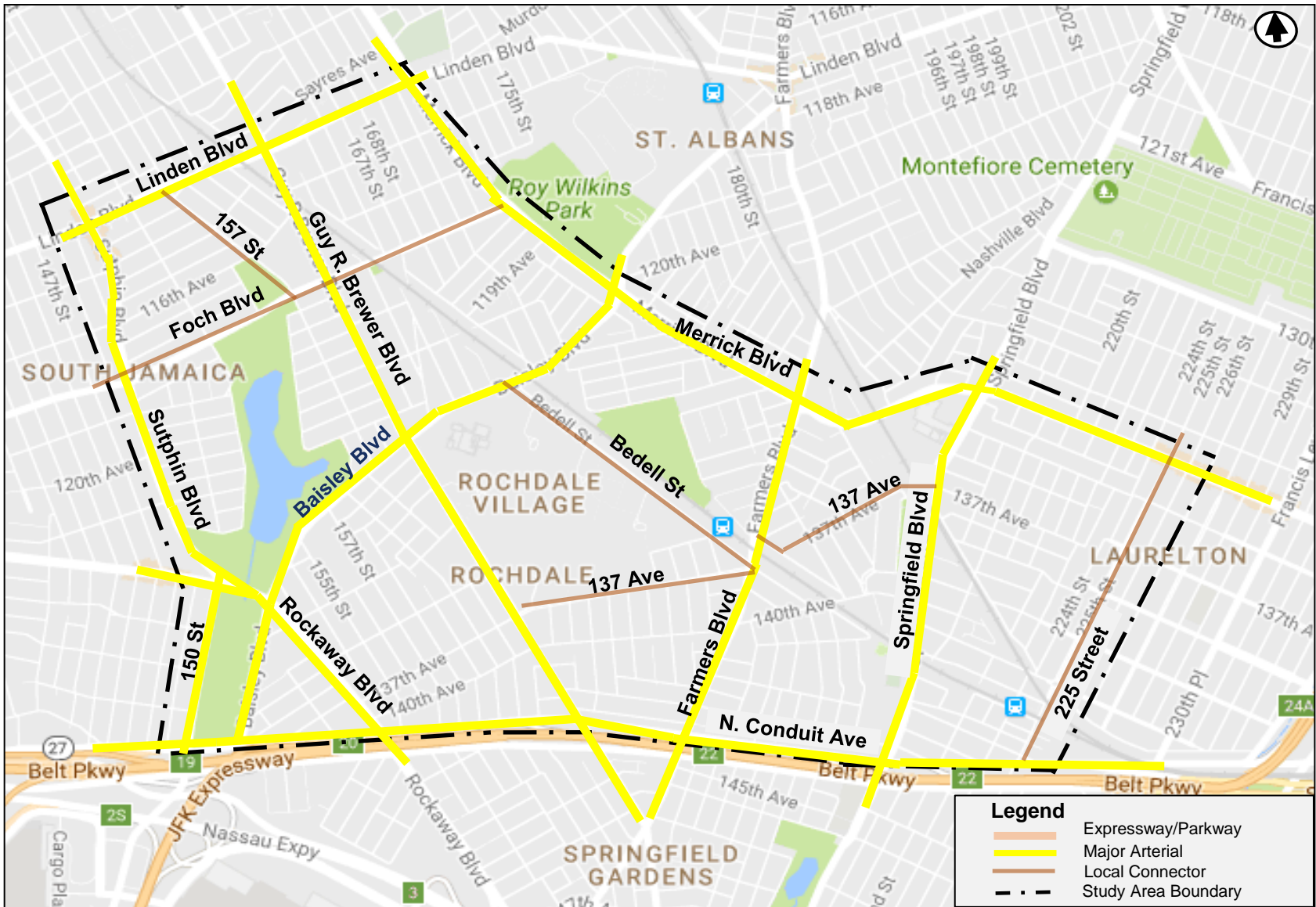
STUDY OBJECTIVES:

- Identify and define problems taking into consideration community concerns.
- To forecast 2027 traffic conditions to satisfy future travel demand and needs.
- Develop improvement measures to address congestion, travel time, and safety for all street users.

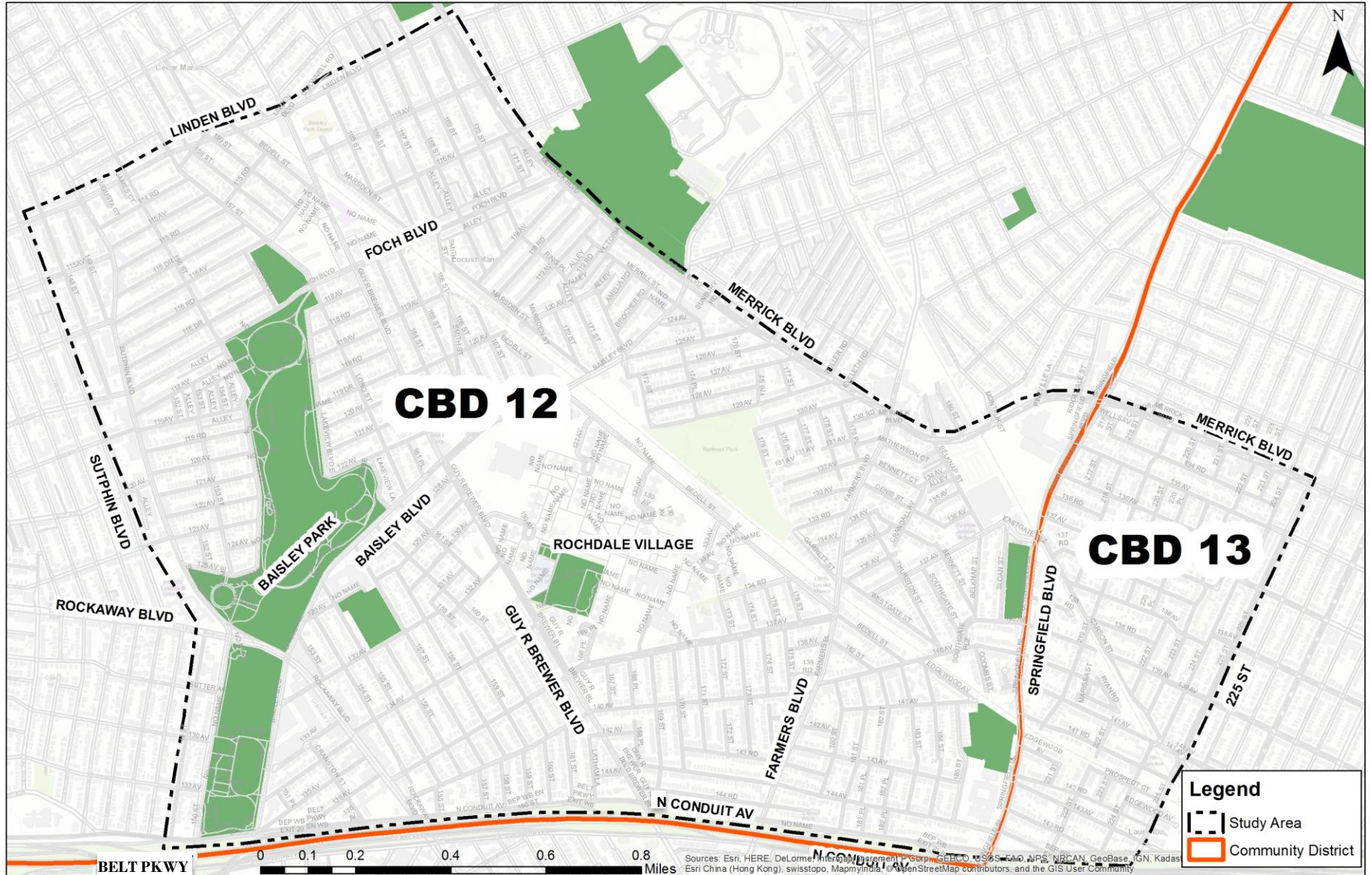
STUDY AREA(S) IN REGIONAL SETTING



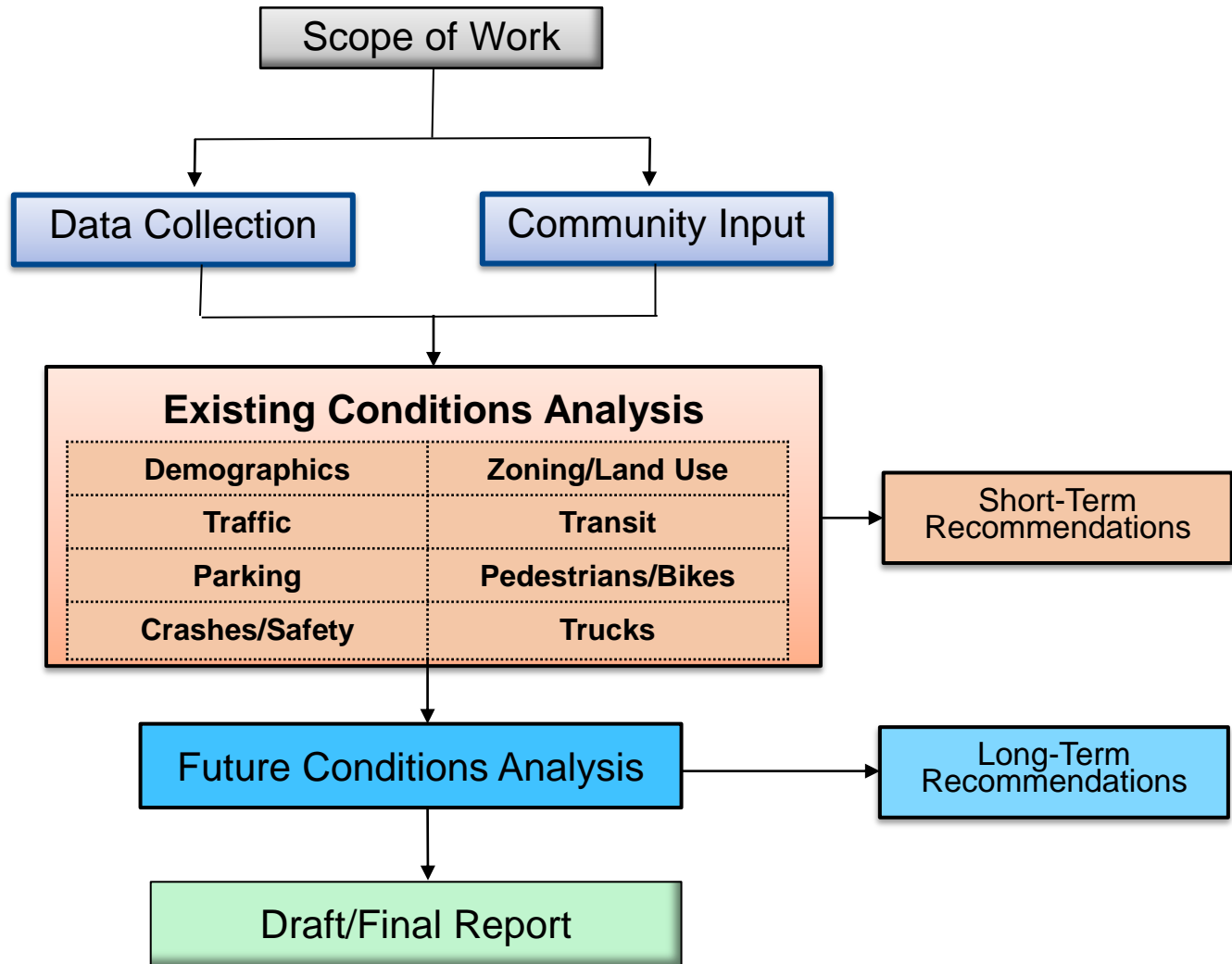
STUDY AREA BOUNDARY AND ARTERIALS



COMMUNITY DISTRICTS



STUDY ORGANIZATION AND METHODOLOGY



DEMOGRAPHICS / SOCIO-ECONOMIC DATA

- ❖ Population trends
- ❖ Household size and income
- ❖ Vehicle ownership
- ❖ Journey to Work by Mode

ZONING AND LAND USE

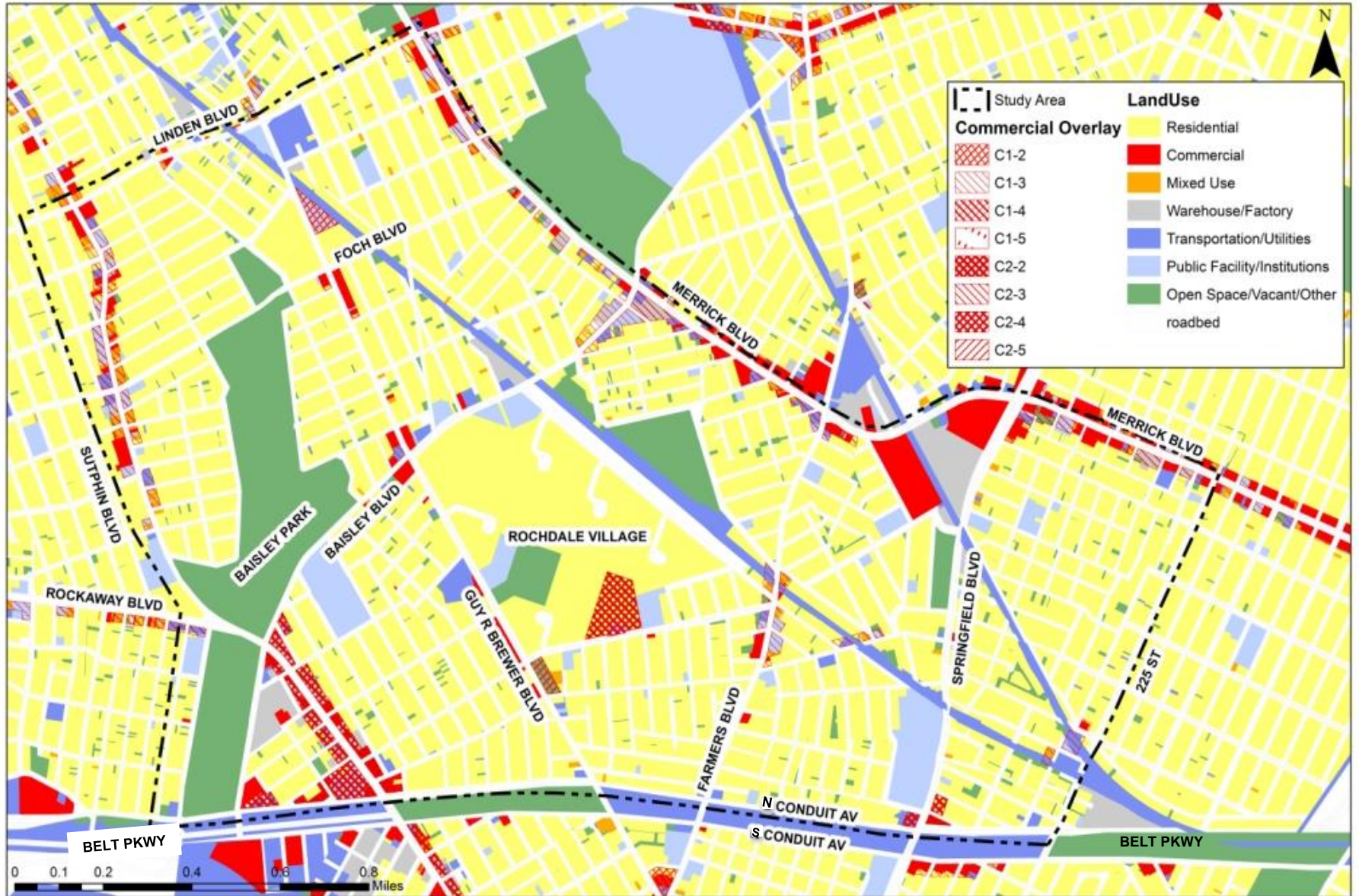
Zoning

- ❖ Zoning Districts

Land Use

- ❖ Residential, Commercial and Industrial
- ❖ Institutions/Community Facilities
- ❖ Major Trip Generators

EXISTING LAND USE



TRAFFIC ANALYSIS

Traffic Data Collection

- ❖ Automatic Traffic Recorders (ATRs)
- ❖ Manual Turning Movement & Classification counts (Vehicular, cyclist & pedestrian)
- ❖ Travel time/speeds

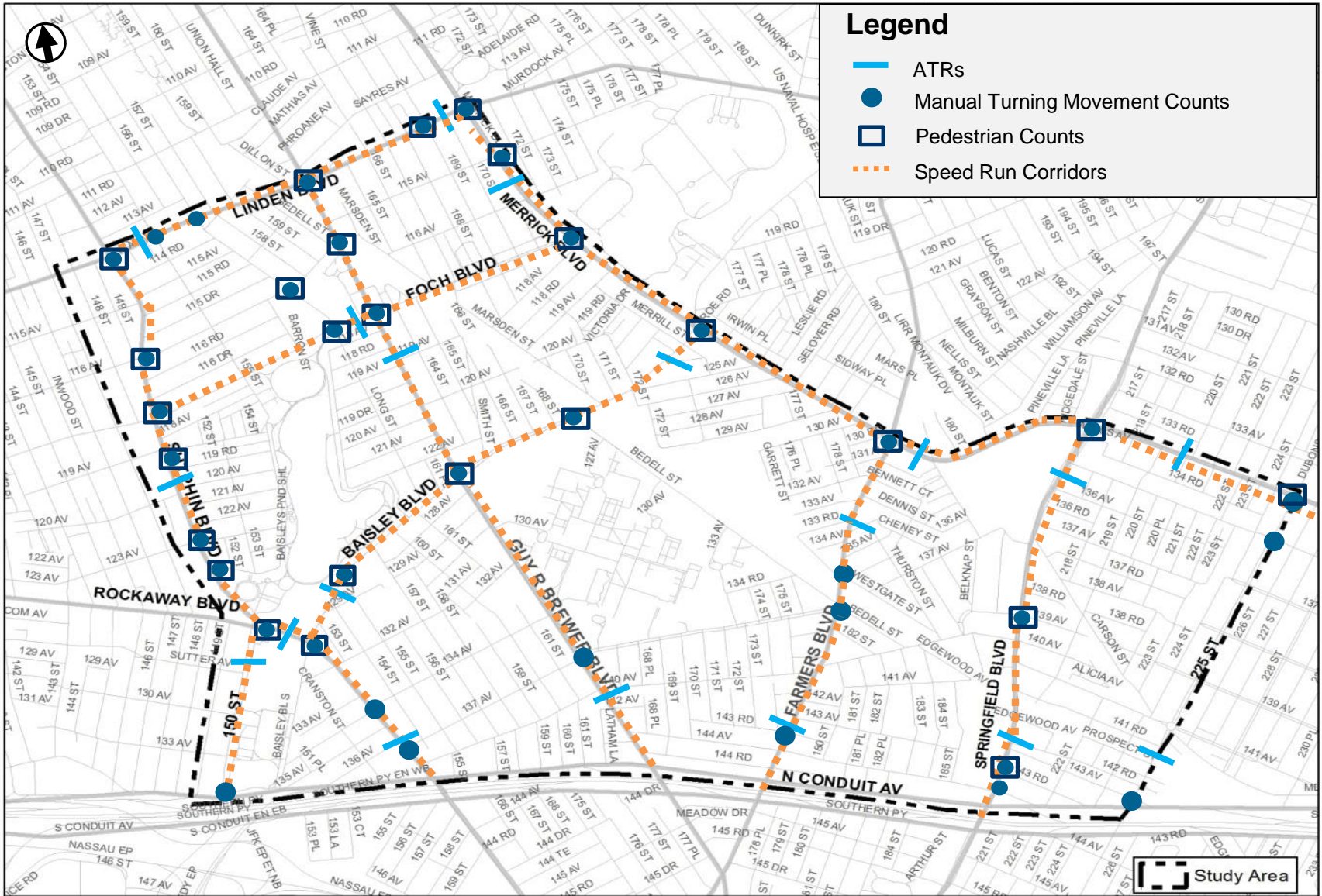
Street inventory

Traffic controls/Signal timing

Traffic Capacity (LOS) Analysis

- ❖ Balance traffic volumes – AM/PM peak hours
- ❖ HCS-SYNCHRO methodology for LOS analysis

TRAFFIC DATA COLLECTION PLAN



TRUCKS / GOODS MOVEMENT



CRASHES / SAFETY ANALYSIS

- ❖ Crash history (most recent 5 years)
- ❖ Crash types, frequency, severity, fatalities
- ❖ High crash locations
- ❖ Vision Zero Corridors/intersections

PARKING ANALYSIS

On Street Parking

- ❖ Parking Regulations
- ❖ Parking Capacity and Utilization
- ❖ Cost

Off Street Parking

- ❖ Lots/Garages
- ❖ Capacity and Utilization
- ❖ Cost

PUBLIC TRANSPORTATION / TRANSIT

Transit Network:

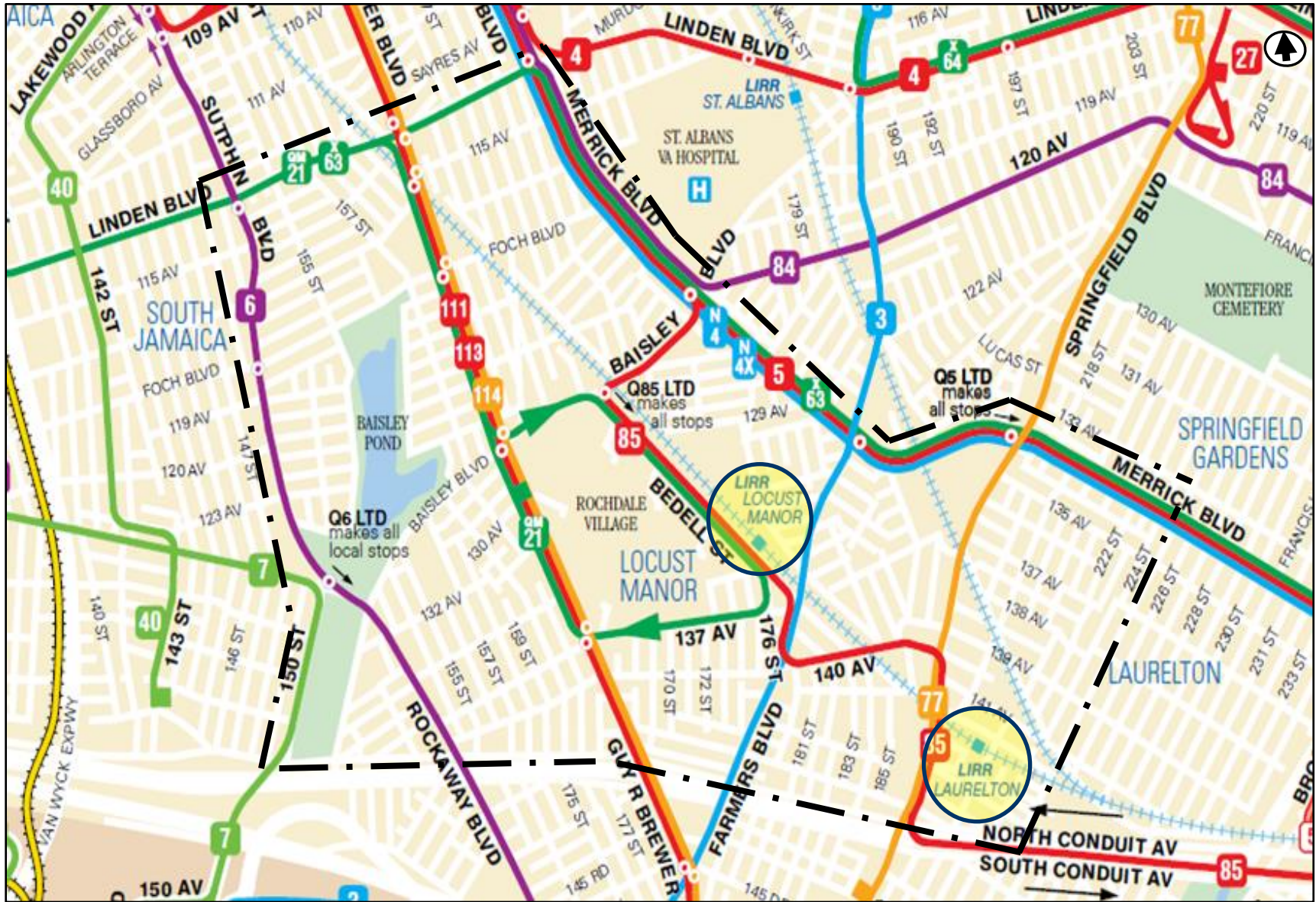
❖ Buses:

- Bus routes, frequency, stops, transfer points
- Ridership data, travel time
- Selected Bus Services (SBS)

❖ Commuter Rail

❖ Commuter vans, livery/taxi, Uber

TRANSIT NETWORK (BUS & RAIL)



NEXT STEPS

- ❖ Existing Condition Analysis/Short-Term Recommendations
- ❖ TAC #2 / Public Meeting #2
- ❖ Future Condition Analysis/Long-Term Recommendations
- ❖ TAC #3 / Public Meeting #3
- ❖ Draft/Final Report
- ❖ Implementation

THANK YOU!

Questions?

Contacts:

Tel: 212.839.2510/7765

E-Mail: SGardensSJ@dot.nyc.gov

mubiparip@dot.nyc.gov

cchin@dot.nyc.gov

sdolgoff@dot.nyc.gov

DOT Web Portal:

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



NYCDOT



nyc_dot



nyc_dot



NYCDOT

STUDY SCHEDULE

Project Tasks	2017					2018						2019
	Apr/ May	Jun/ Jul	Aug/ Sep	Oct/ Nov	Dec /Jan	Feb/ Mar	Apr/ May	Jun/ Jul	Aug/ Sept	Oct/ Nov	Dec/ Jan	Feb/ Mar
Draft Scope of Work			█									
Literature Search/Reconnaissance		█										
Data Collection					█							
Identify Community Issues					█							
TAC Meeting					█				█		█	
Public Meeting							█			█		█
Existing Conditions Analysis							█					
Tech. Memo 1								█				
Develop Short Term Improvement Measures									█			
In-House Review										█		
Future Conditions Analysis										█		
Develop Long Term Recommendations											█	
Draft Final Report/Tech Memo 2											█	
Final Report												█
Implementation Schedule												█