

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

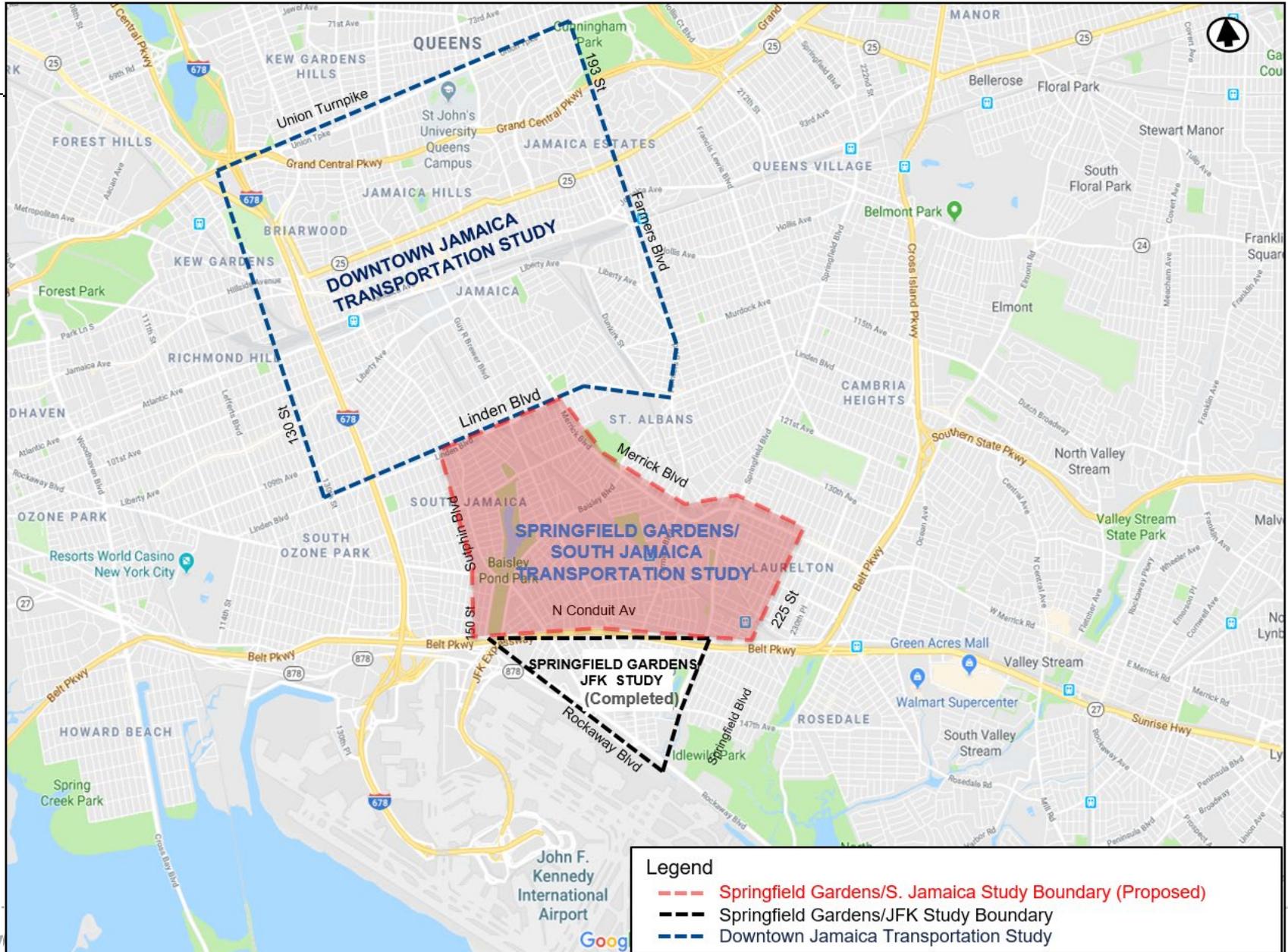
STUDY GOAL:

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

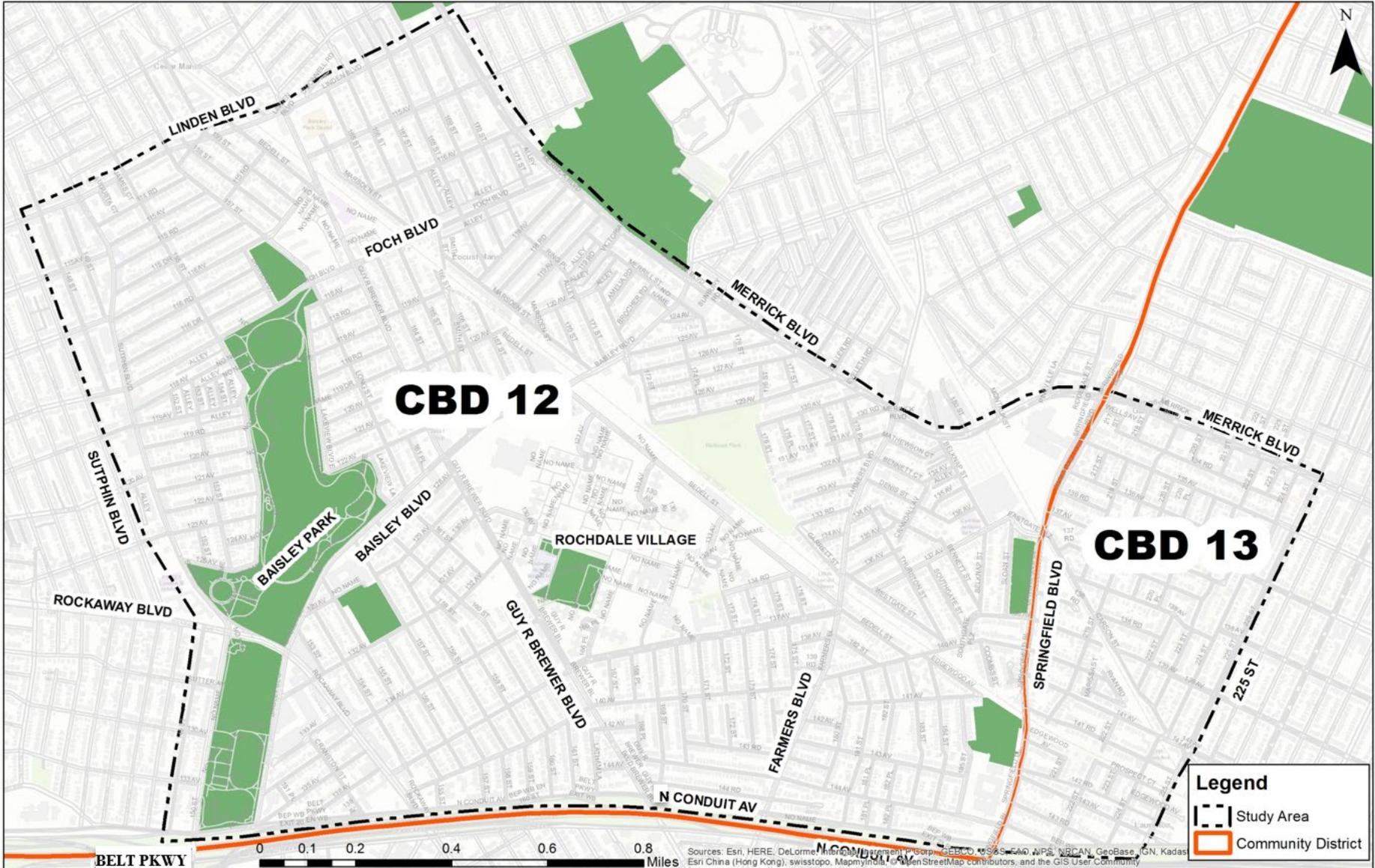
STUDY OBJECTIVES:

- 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.

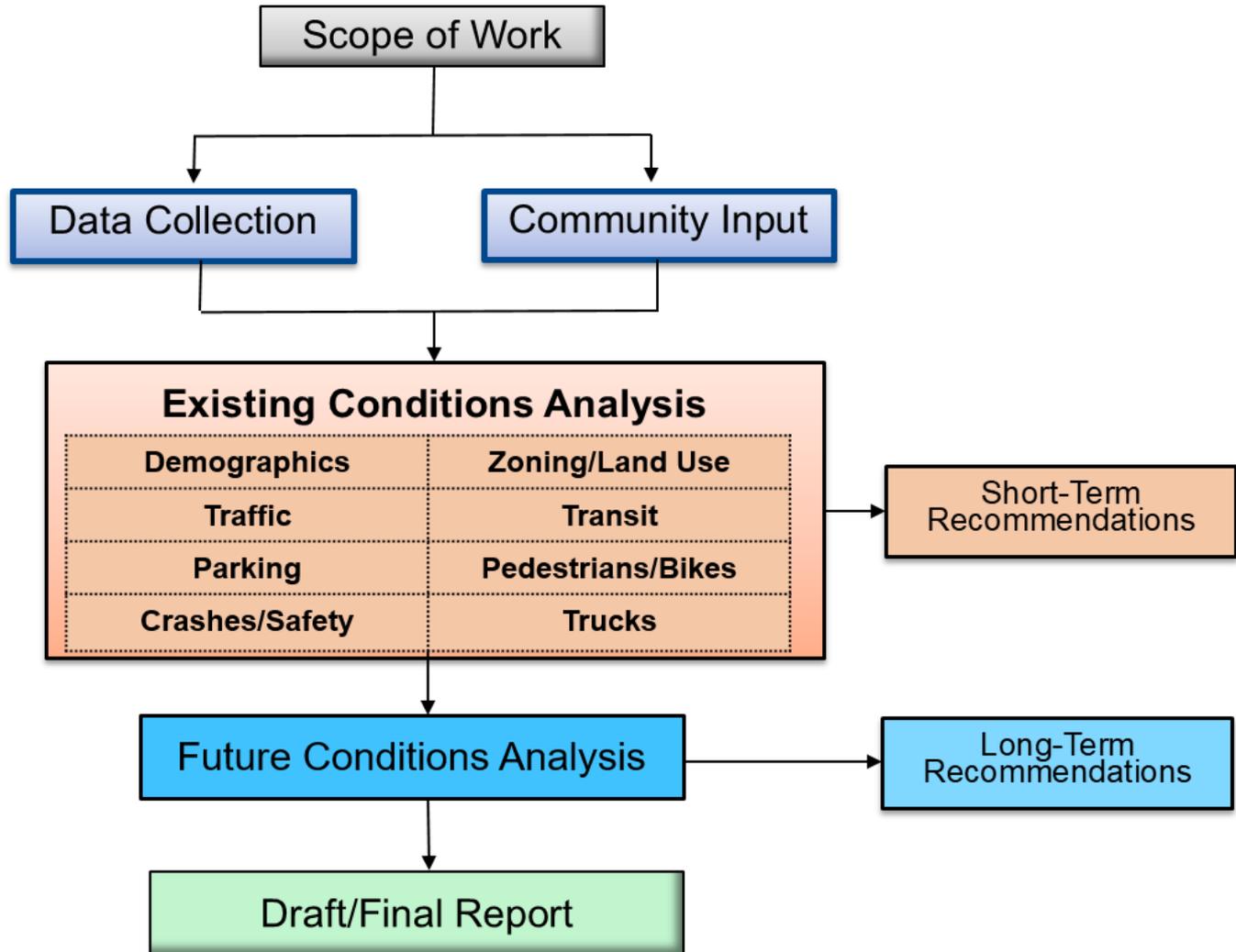
STUDY AREA(S) IN REGIONAL SETTING



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

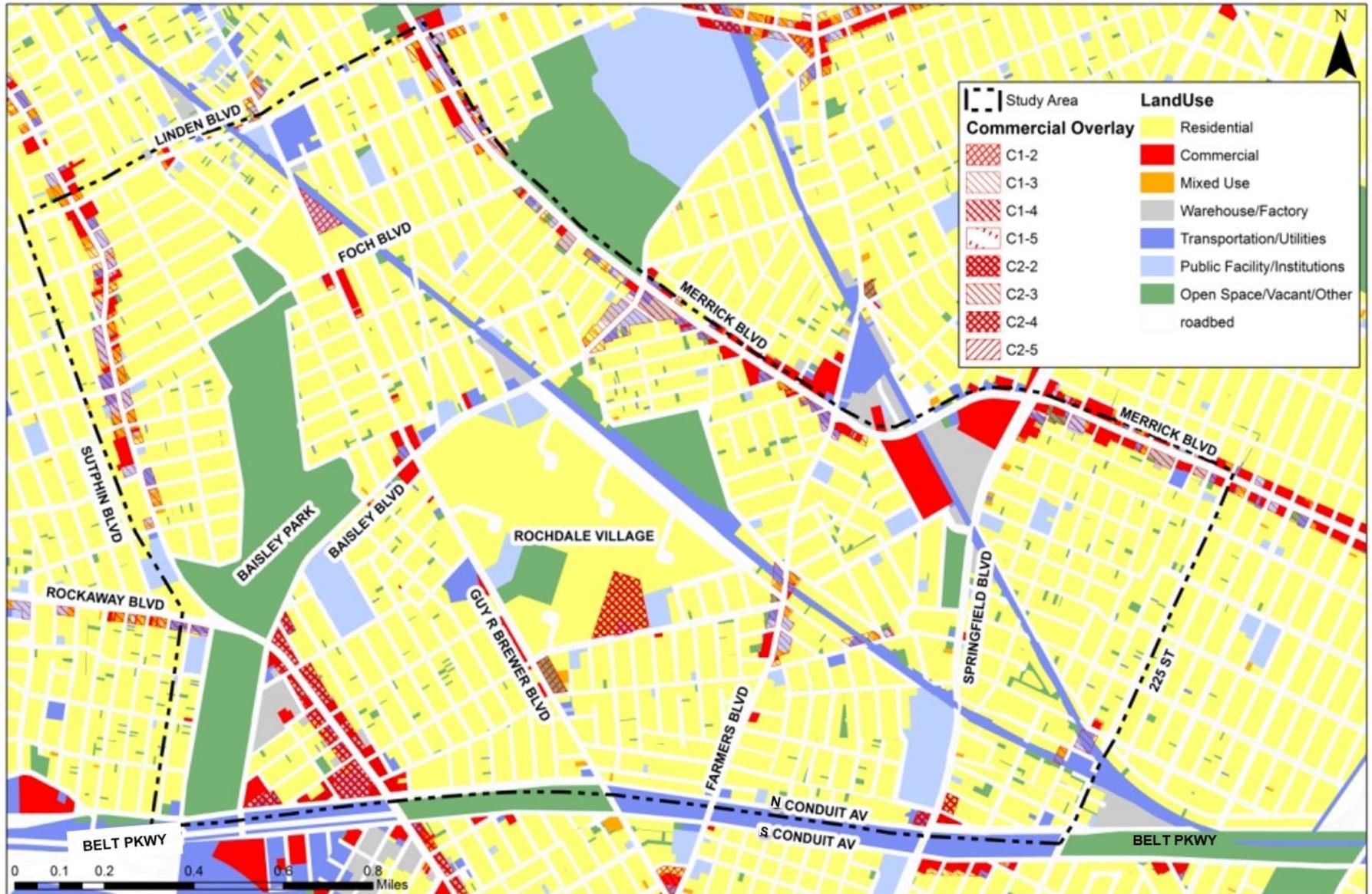
Zoning

- ❖ 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

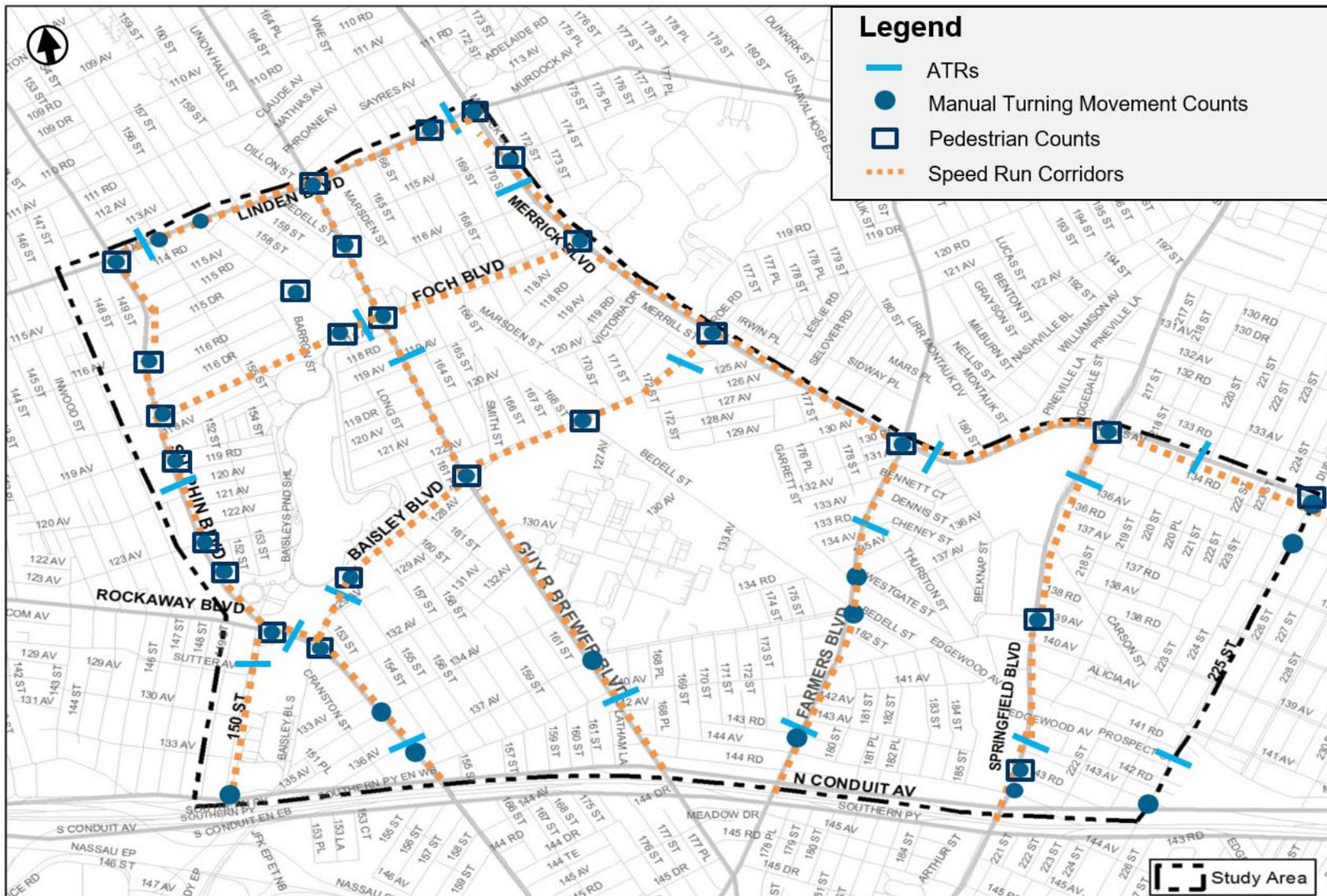
Street inventory

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:

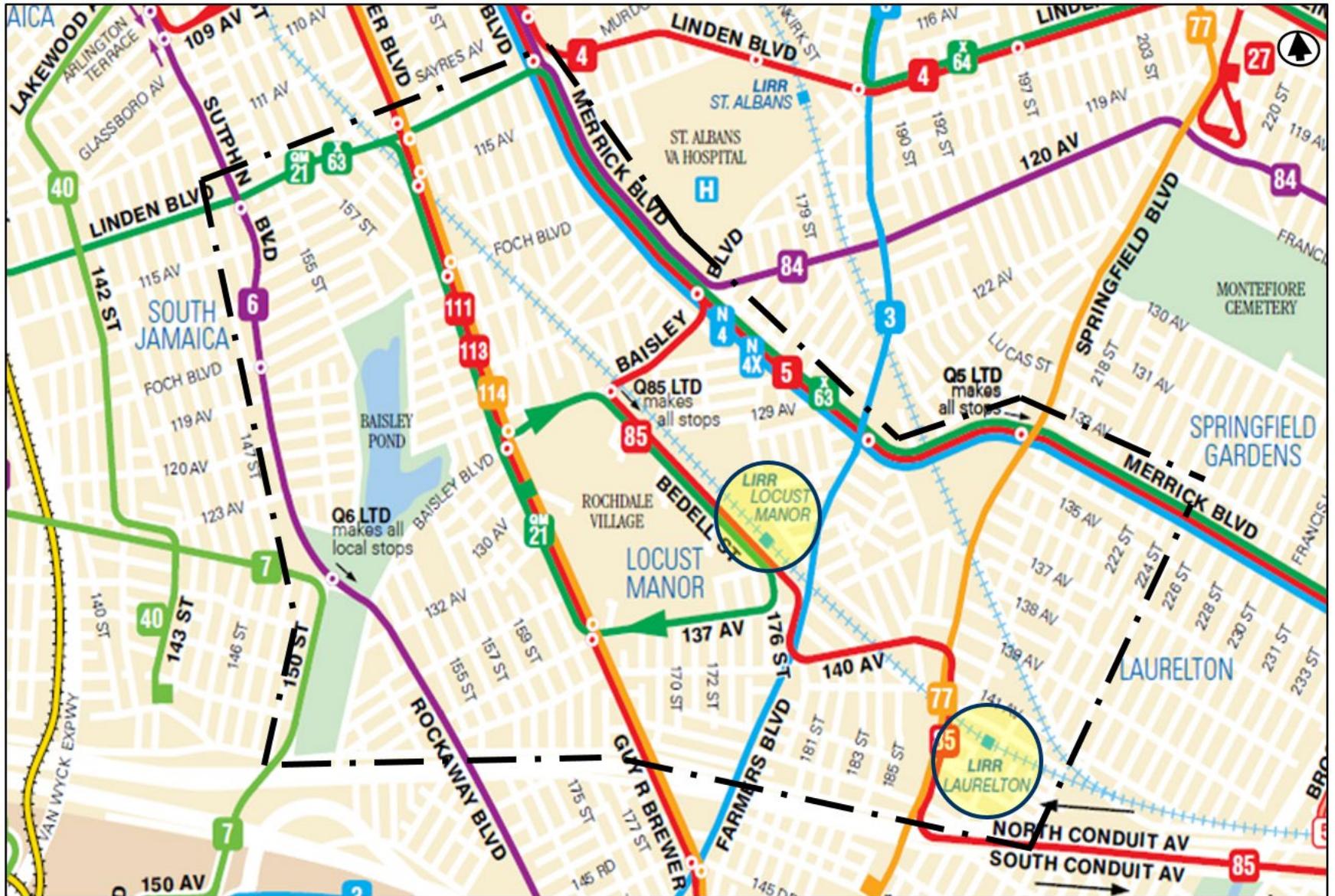
❖ Buses:

- 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?

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DOT Web Portal:

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