



SPRINGFIELD GARDENS/SOUTH JAMAICA TRANSPORTATION STUDY

PUBLIC MEETING – MAY 13, 2019



STUDY OVERVIEW

1

STUDY GOAL & OBJECTIVES

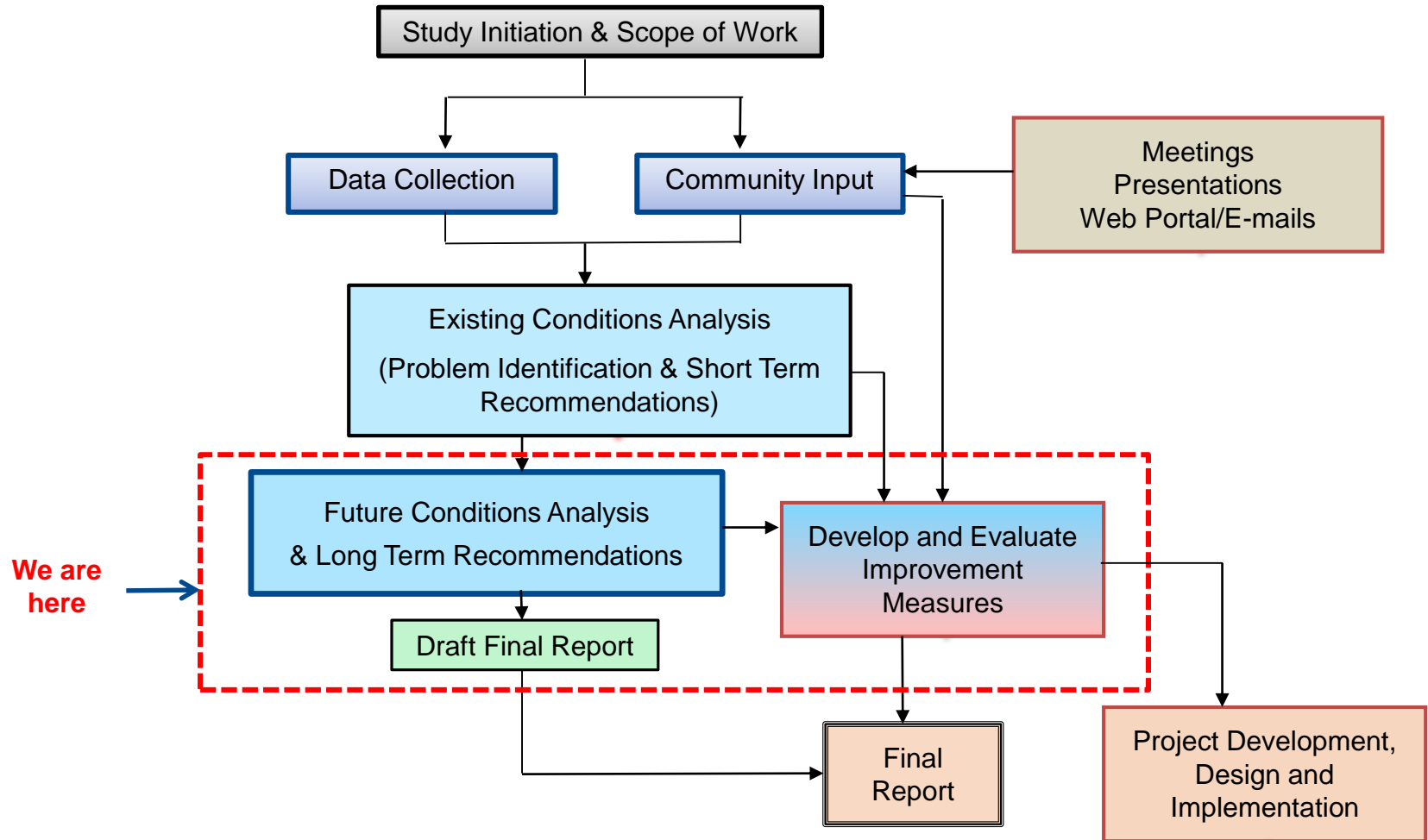
Goal:

The goal of the study is to improve travel conditions for all street users and to enhance the quality of life of people who live, work, and visit the area.

Objectives:

- Analyze existing and future traffic and travel conditions (demand/characteristics);
- Facilitate extensive community participation; and
- Develop improvement measures to address traffic/transportation issues and community concerns.

STUDY PROCESS



The map displays the following study areas and their boundaries:

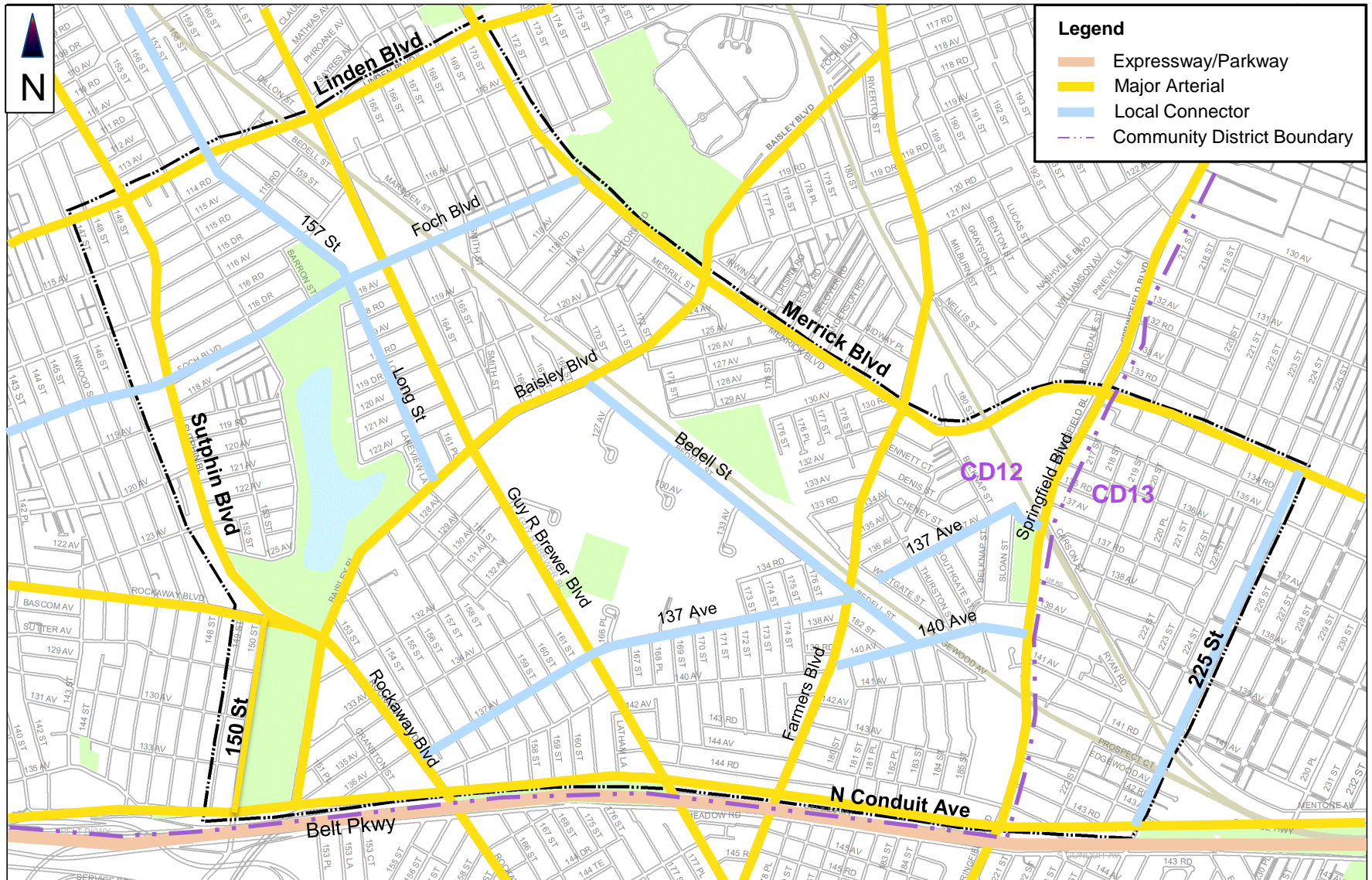
- Downtown Jamaica Transportation Study:** Indicated by a dashed black line, covering the central part of Jamaica, including areas like Kew Gardens Hills, Jamaica Estates, and Jamaica Hills.
- Springfield Gardens/S. Jamaica Study:** Indicated by a dashed blue line, covering the southern part of Jamaica, including areas like South Jamaica and South Ozone Park.
- Springfield Gardens/JFK Transp. Study (Completed):** Indicated by a dashed orange line, covering the area between Springfield Gardens and JFK Airport.

Major roads shown include I-678, I-278, Grand Central Pkwy, Union Turnpike, and various local streets like Linden Blvd, Merrick Blvd, and Rockaway Blvd. The map also shows surrounding neighborhoods like Forest Hills, Kew Gardens, and Howard Beach.

EXISTING & FUTURE CONDITIONS ANALYSIS

2

STUDY AREA BOUNDARIES



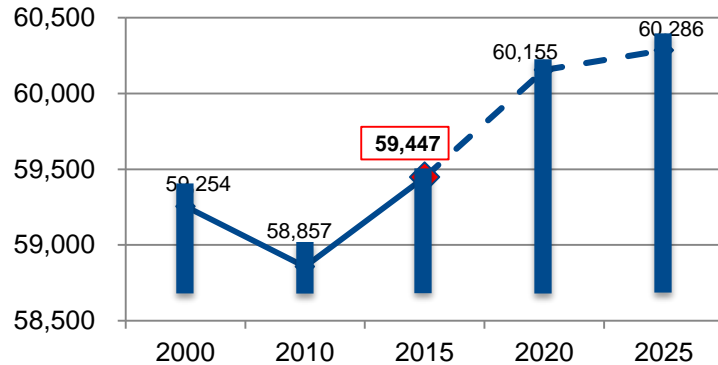
SUBJECTS OF ANALYSIS

Existing & Future Conditions:

- Demographics
- Zoning & Land Use
- Traffic
- Goods Movement/Trucks
- Pedestrians & Bicycles
- Safety/Crashes
- Parking
- Public Transit

DEMOGRAPHICS & SOCIO-ECONOMIC DATA

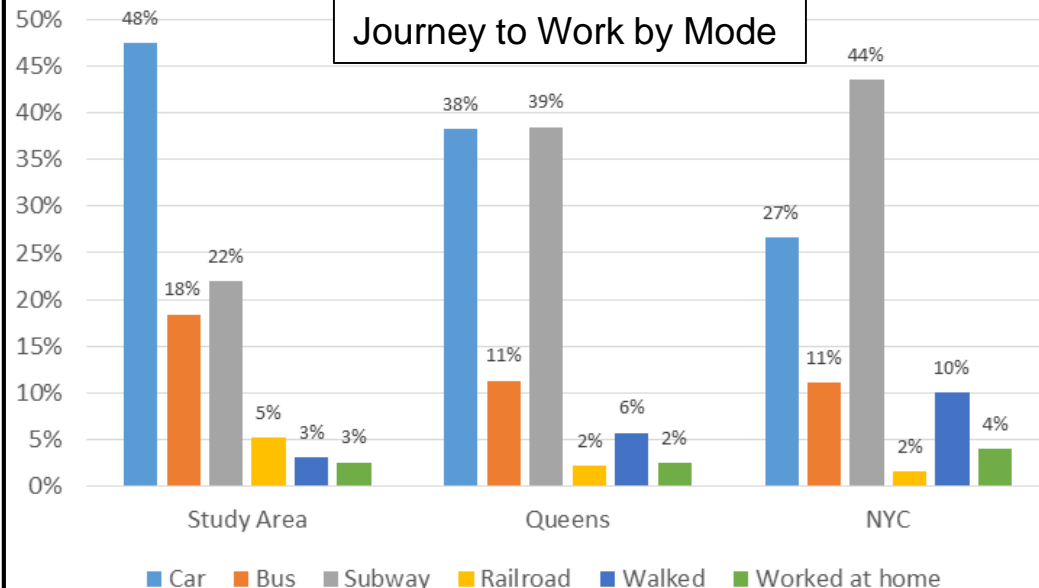
Population



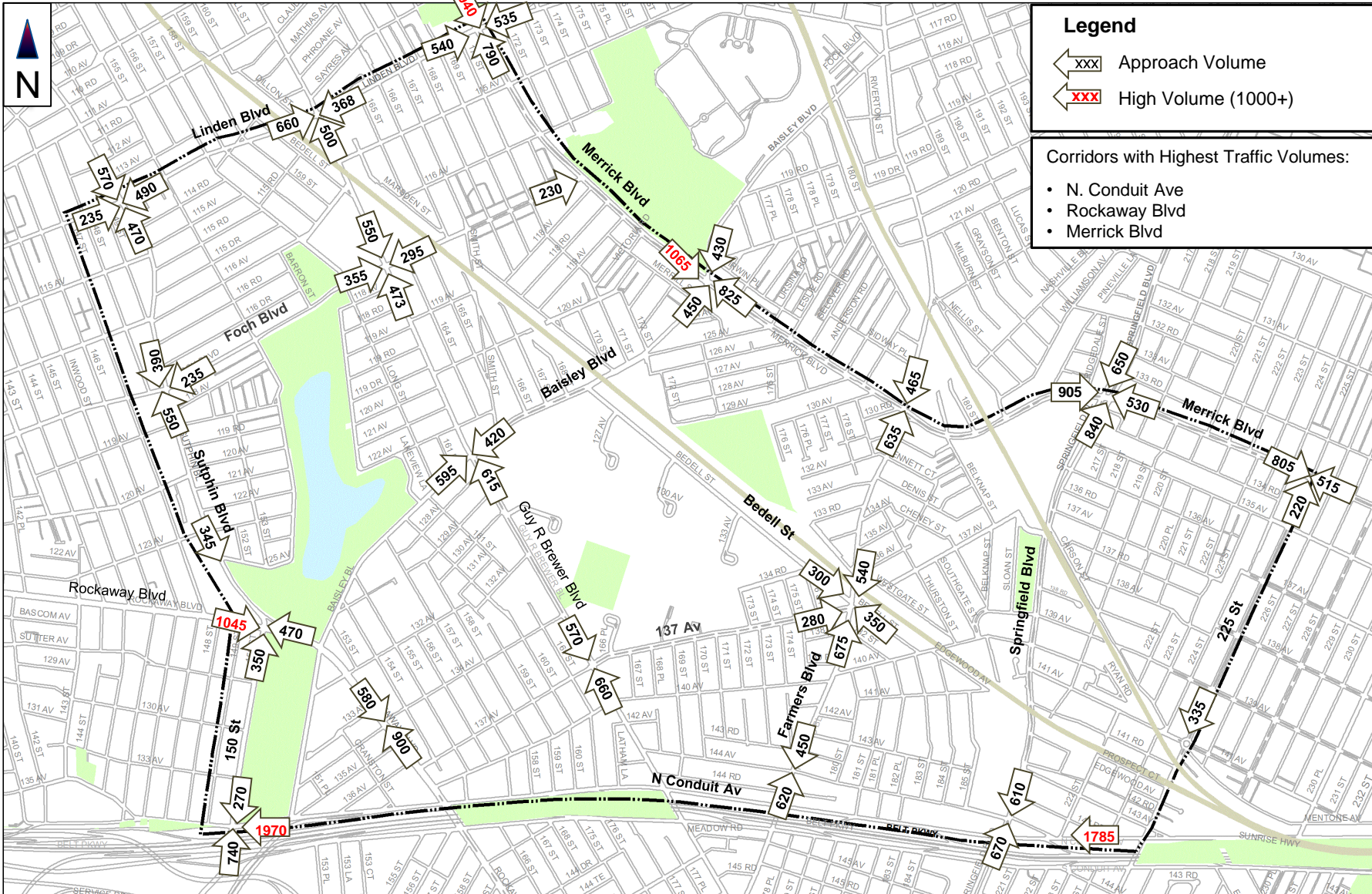
2015 Demographics:

- Household Size: 3.0
- Median Household Income: \$61,749
- 73% Households have at least one vehicle

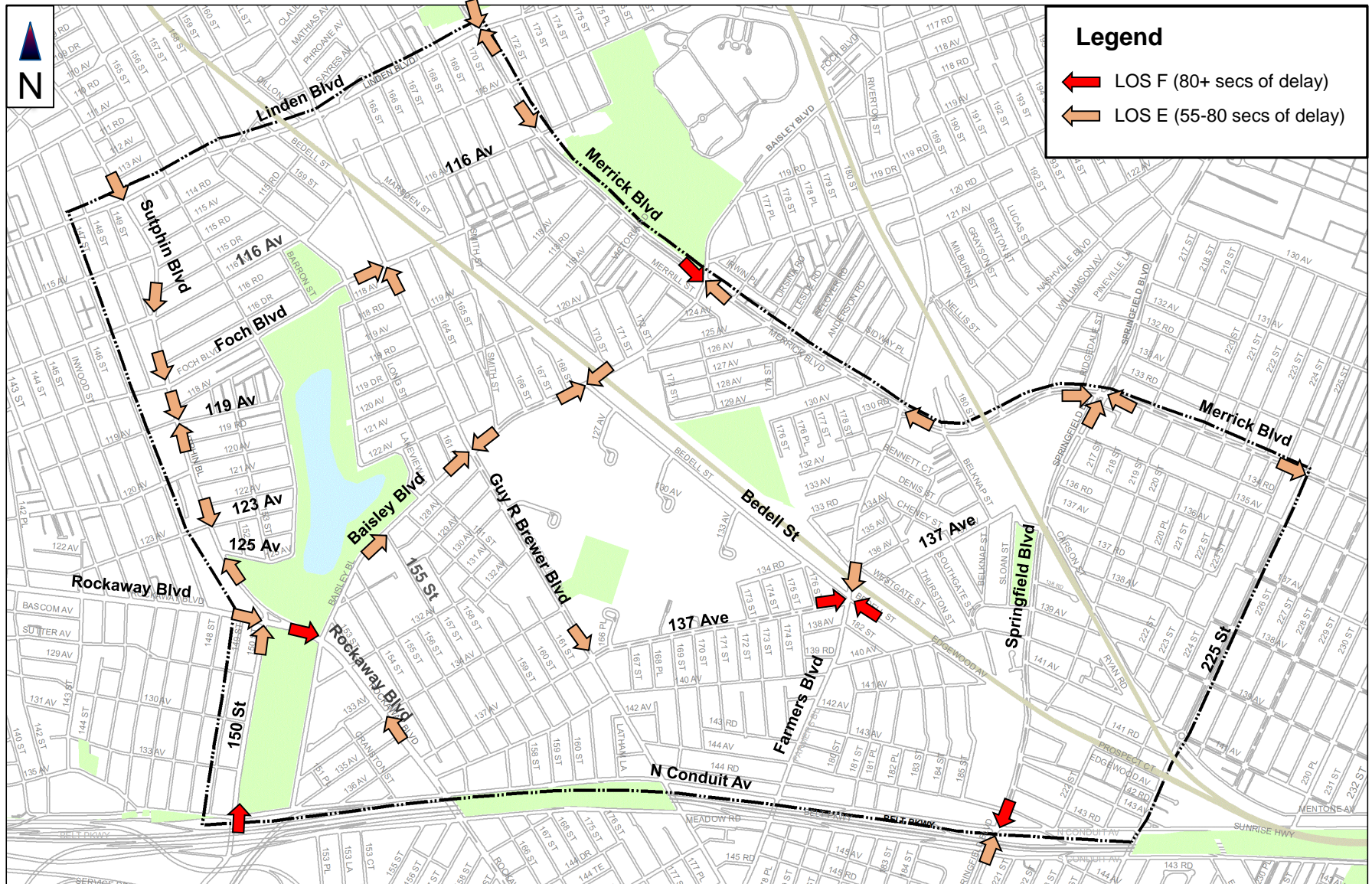
Journey to Work by Mode



TRAFFIC: VEHICULAR VOLUMES (PM PEAK)



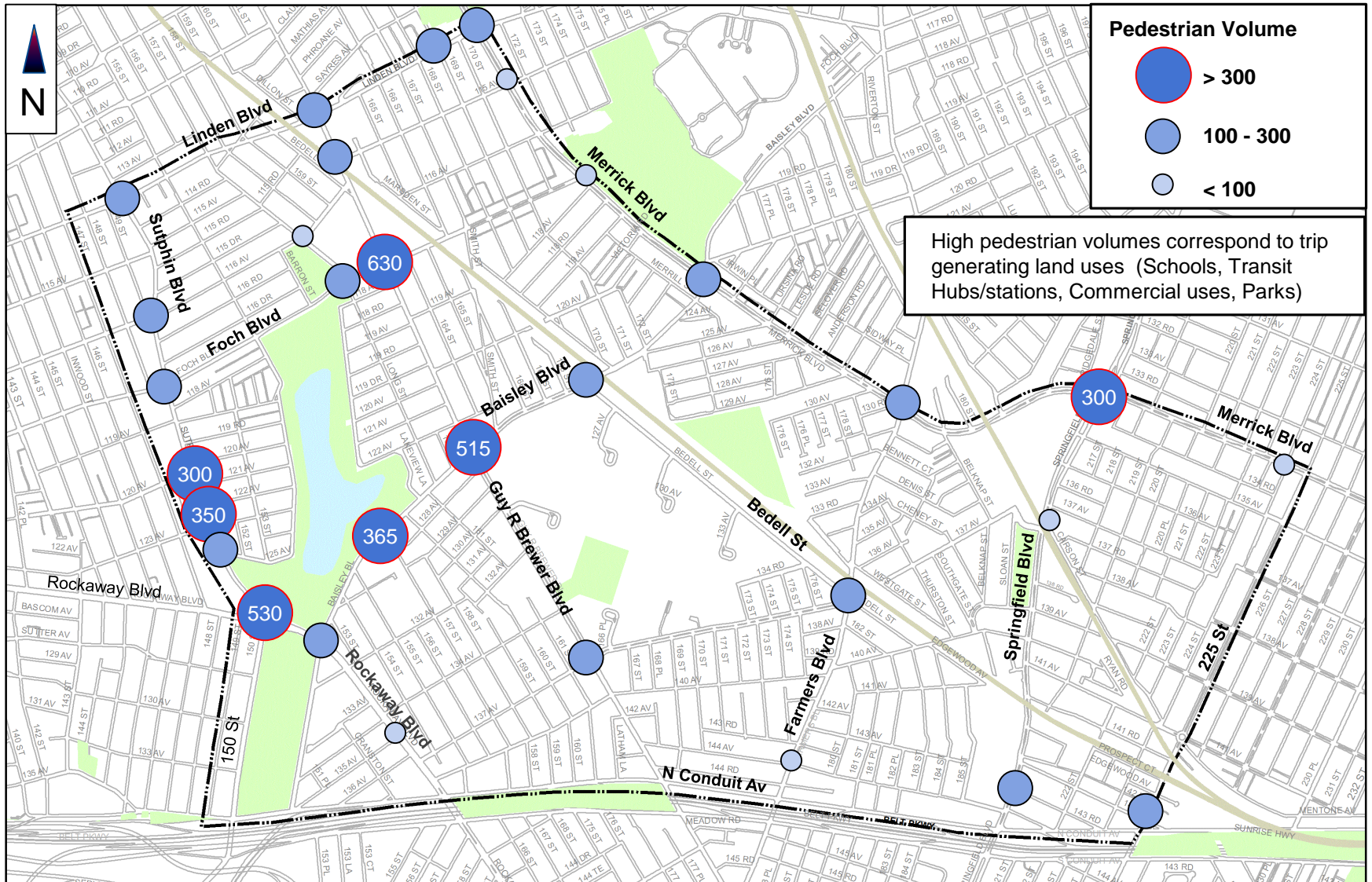
TRAFFIC: INTERSECTION APPROACH LOS (PM)



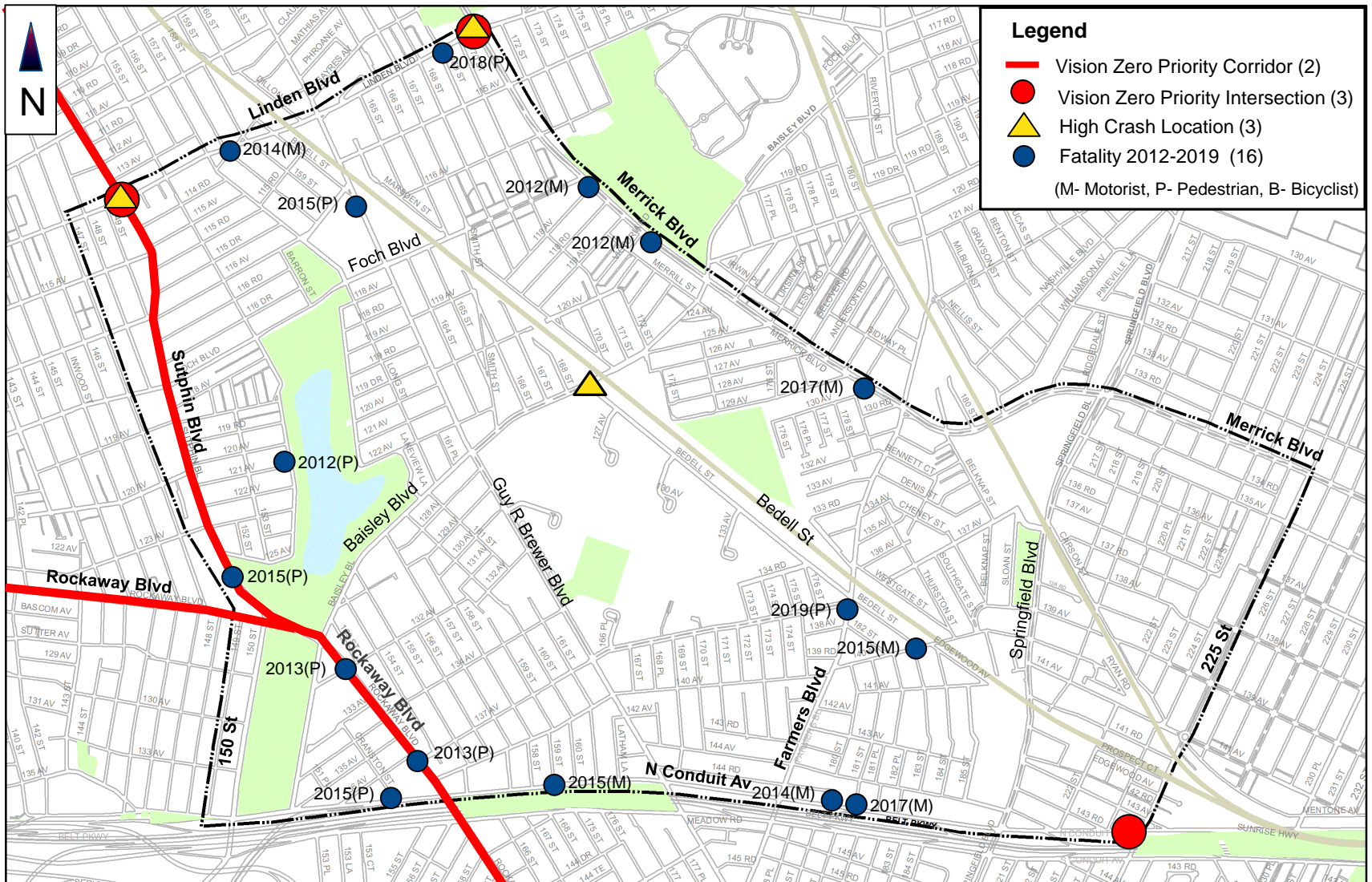
TRUCK ROUTES



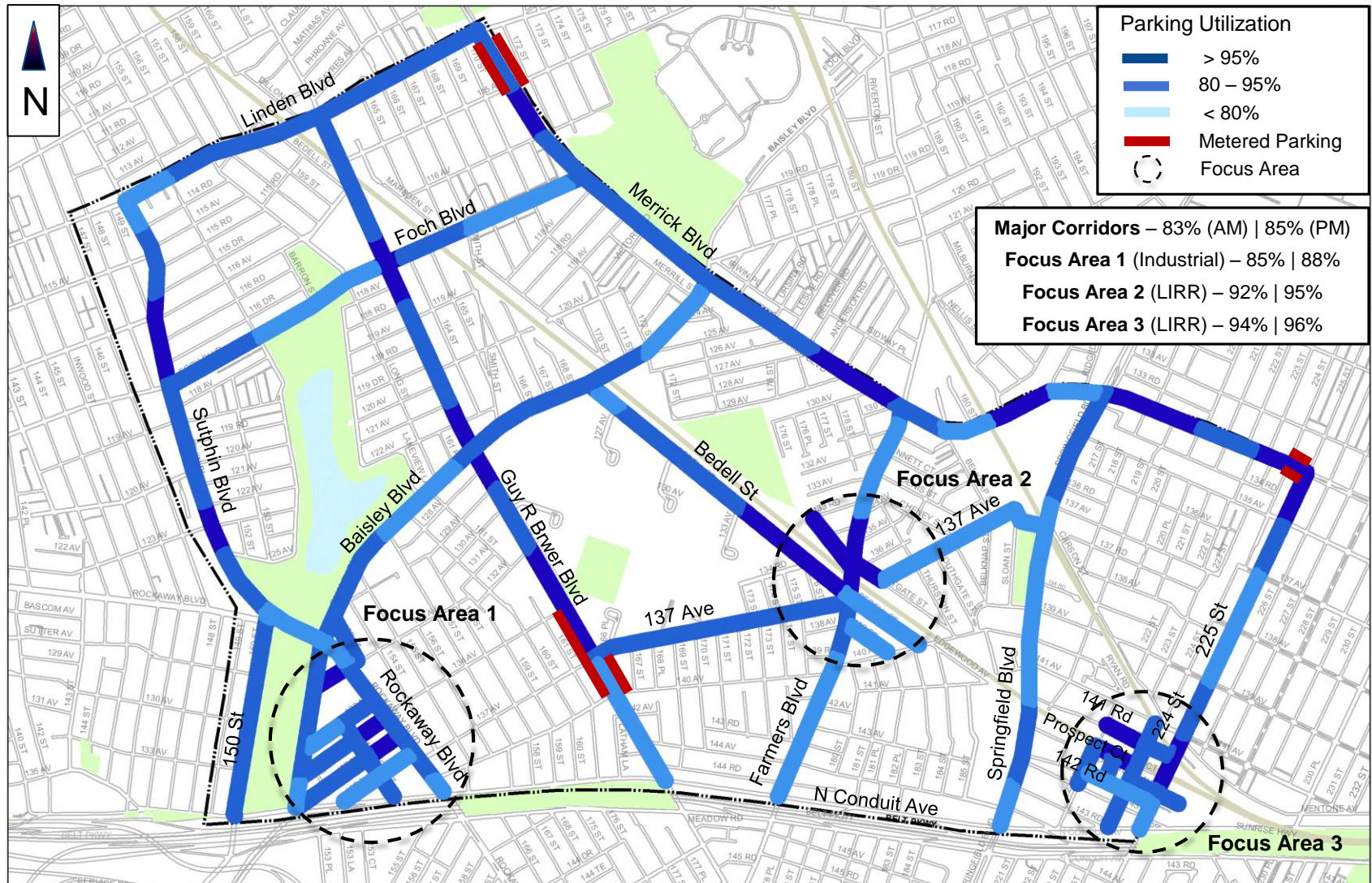
PEDESTRIAN VOLUME (AM PEAK)



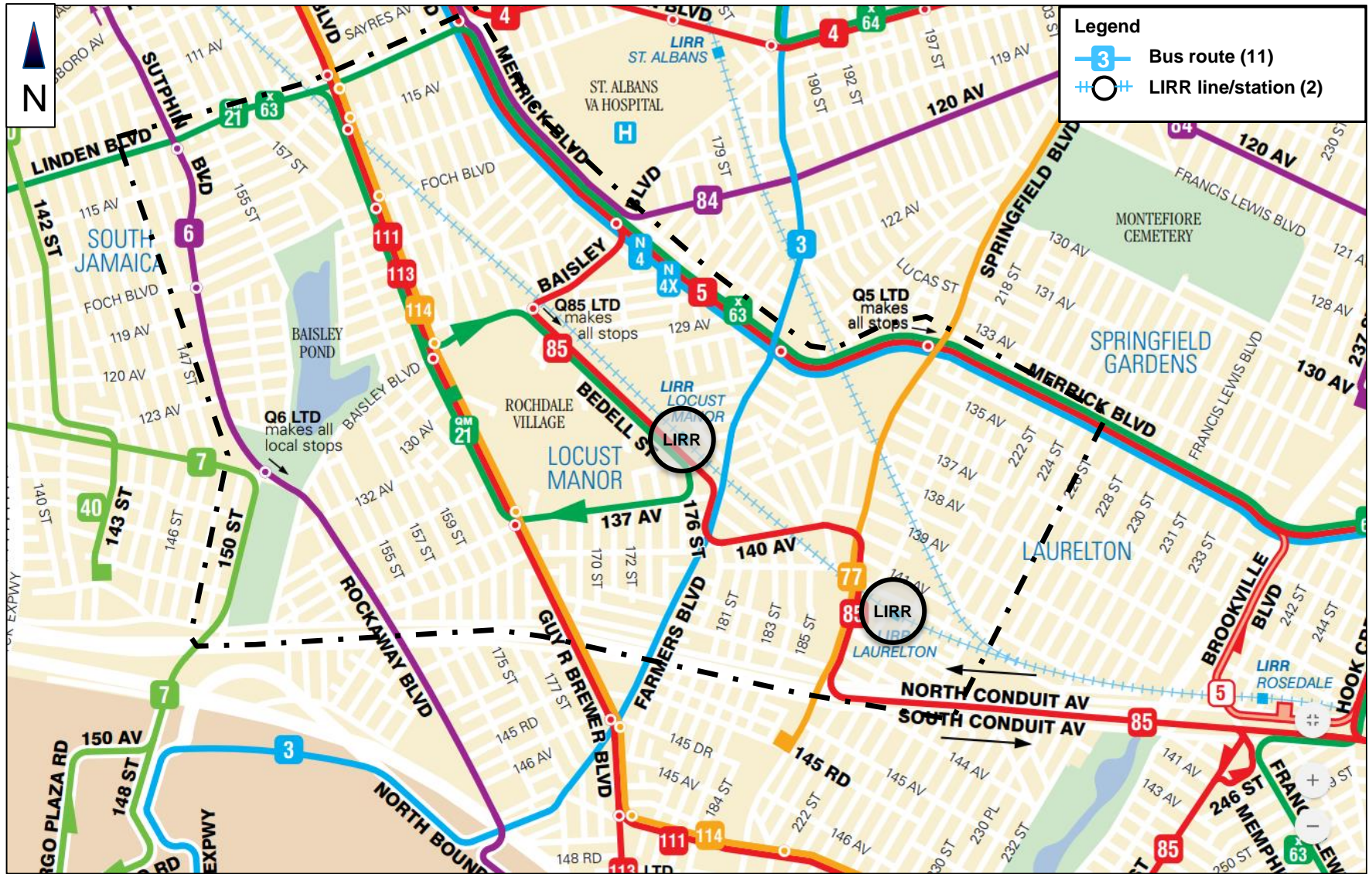
SAFETY / CRASH LOCATIONS



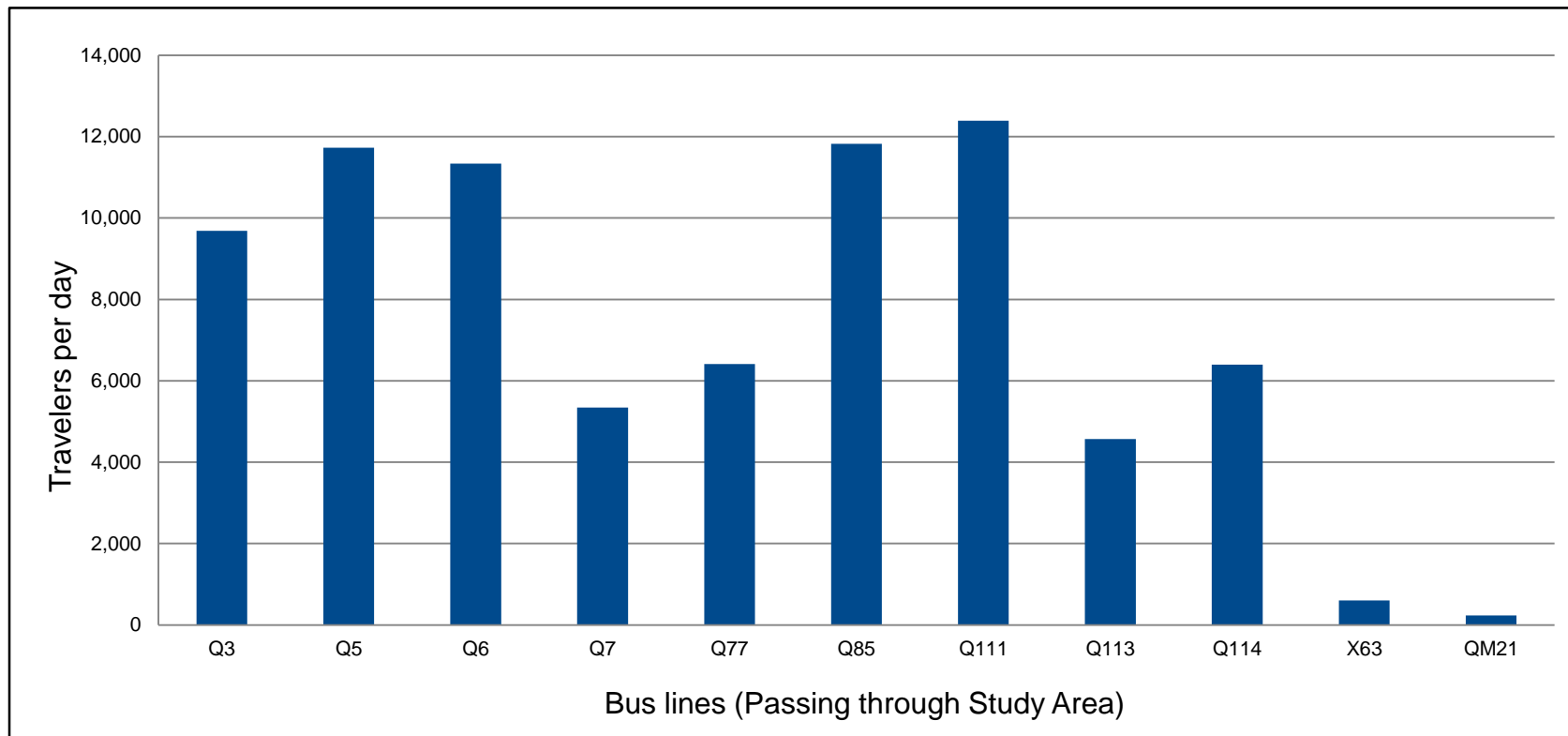
ON-STREET PARKING UTILIZATION



PUBLIC TRANSIT NETWORK



WEEKDAY BUS RIDERSHIP



Top 4 Bus Ridership Routes & O&D:

Q111: Jamaica to/from Rosedale
Q85/Q5: Jamaica to/from Rosedale/Green Acres
Q6: Jamaica to/from JFK
Q113: Jamaica to/from Five Towns & Far Rockaway

ISSUES / FINDINGS

3

ISSUES / FINDINGS

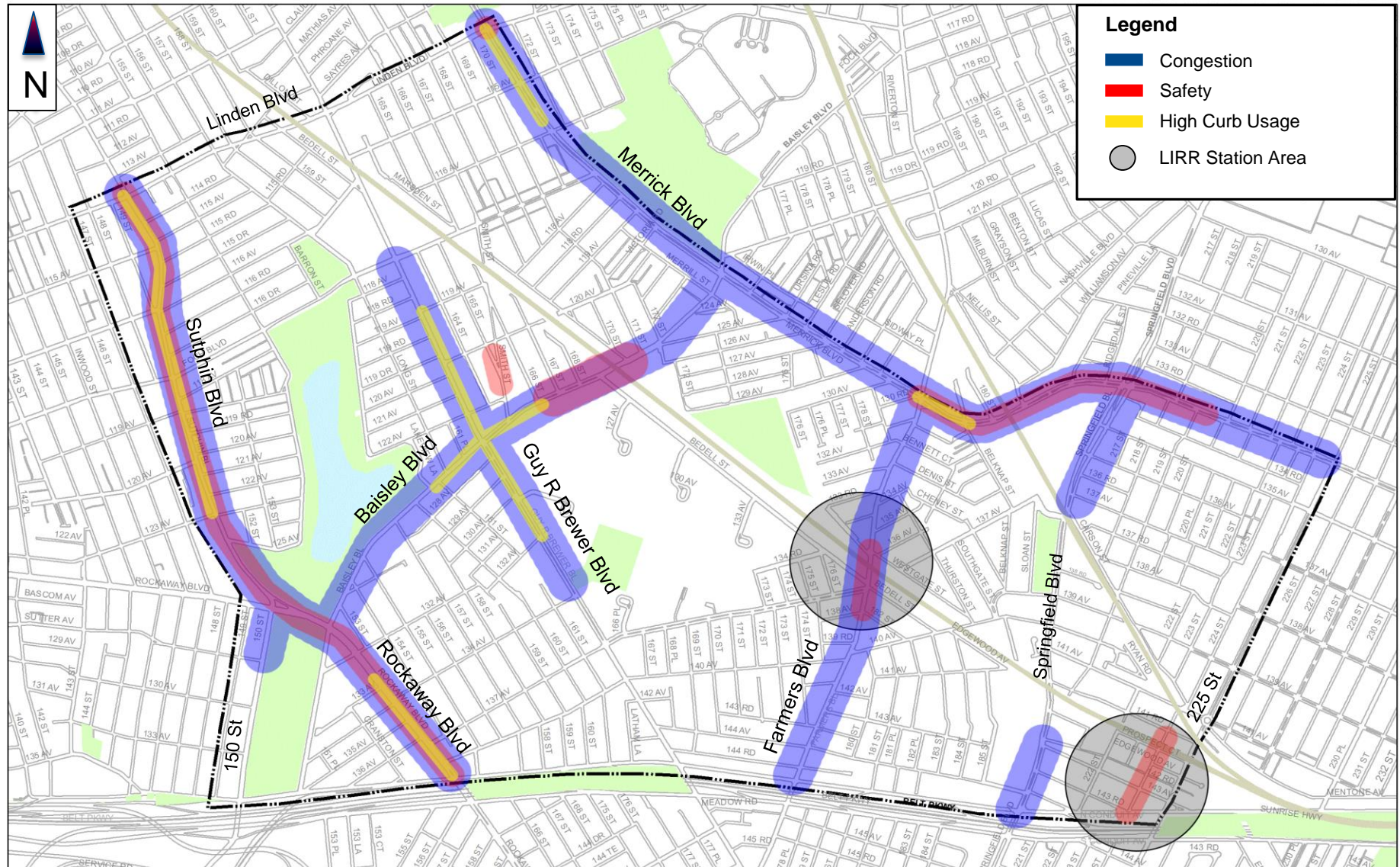
ISSUES:

- 6 congested corridors (Merrick, Sutphin, Guy R. Brewer, Baisley, Farmers, & Rockaway Blvds);
- 25 intersection approaches with LOS E & F;
- 3 high crash locations & 16 fatalities (2012-19);
- 3 narrow streets operating as two-way with parking on both curbs; and
- High curb utilization along commercial strips (truck loading/unloading activity, double parking);

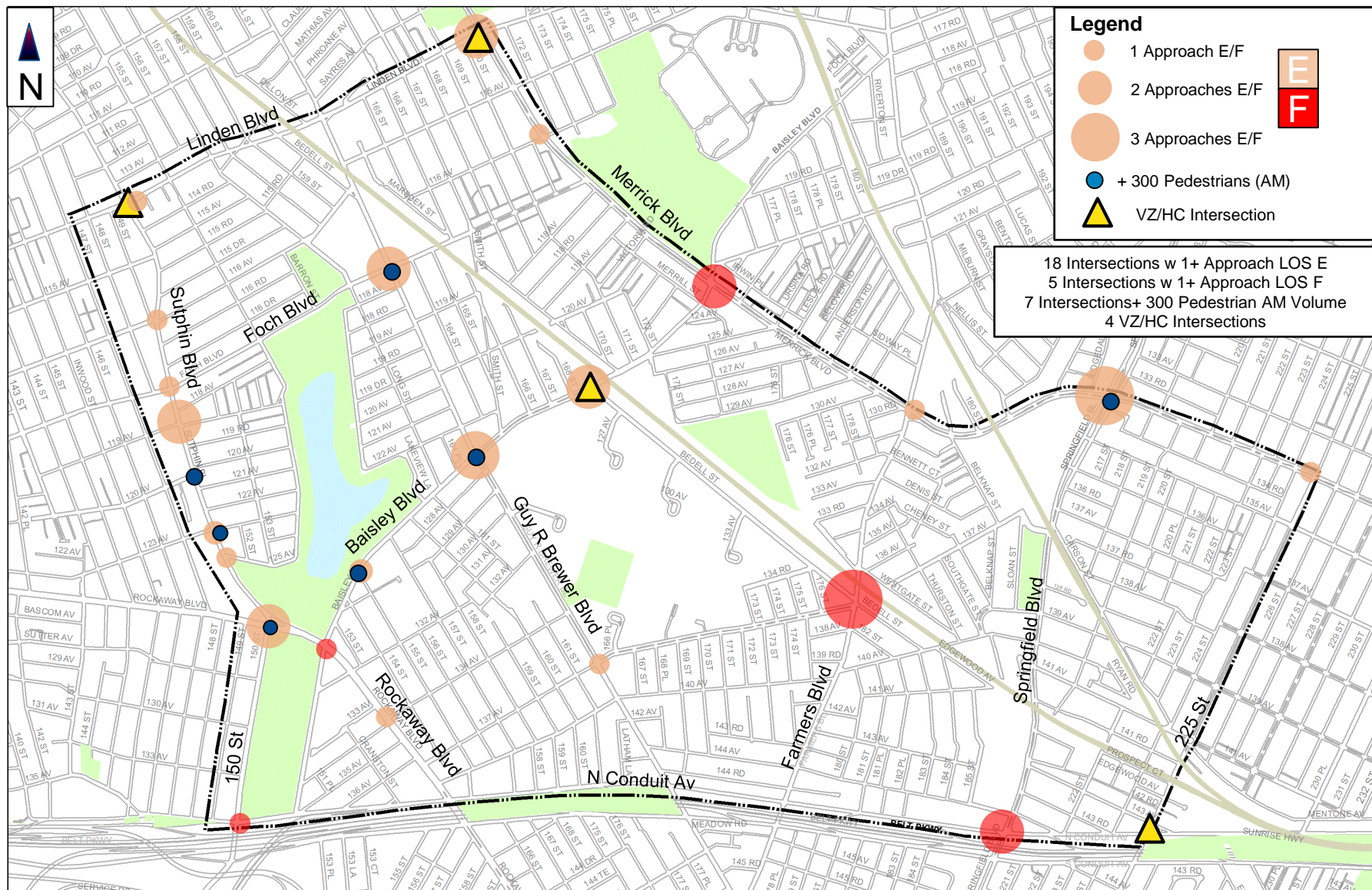
COMMUNITY INPUT:

- Trucks activity on some corridors/local streets (double parking, loading/unloading);
- High parking demand on some commercial corridors & local streets;
- Requests for traffic control (Stop signs, signals);
- Safety issues at Smith Street/165th Street;
- Bus routes with service provision issues (delays, lateness, overcrowding);
- Need for streetscape/greenery enhancement;
- Inadequate street lighting; and
- Need for better traffic enforcement.

SYNTHESIS OF ISSUES - CORRIDORS



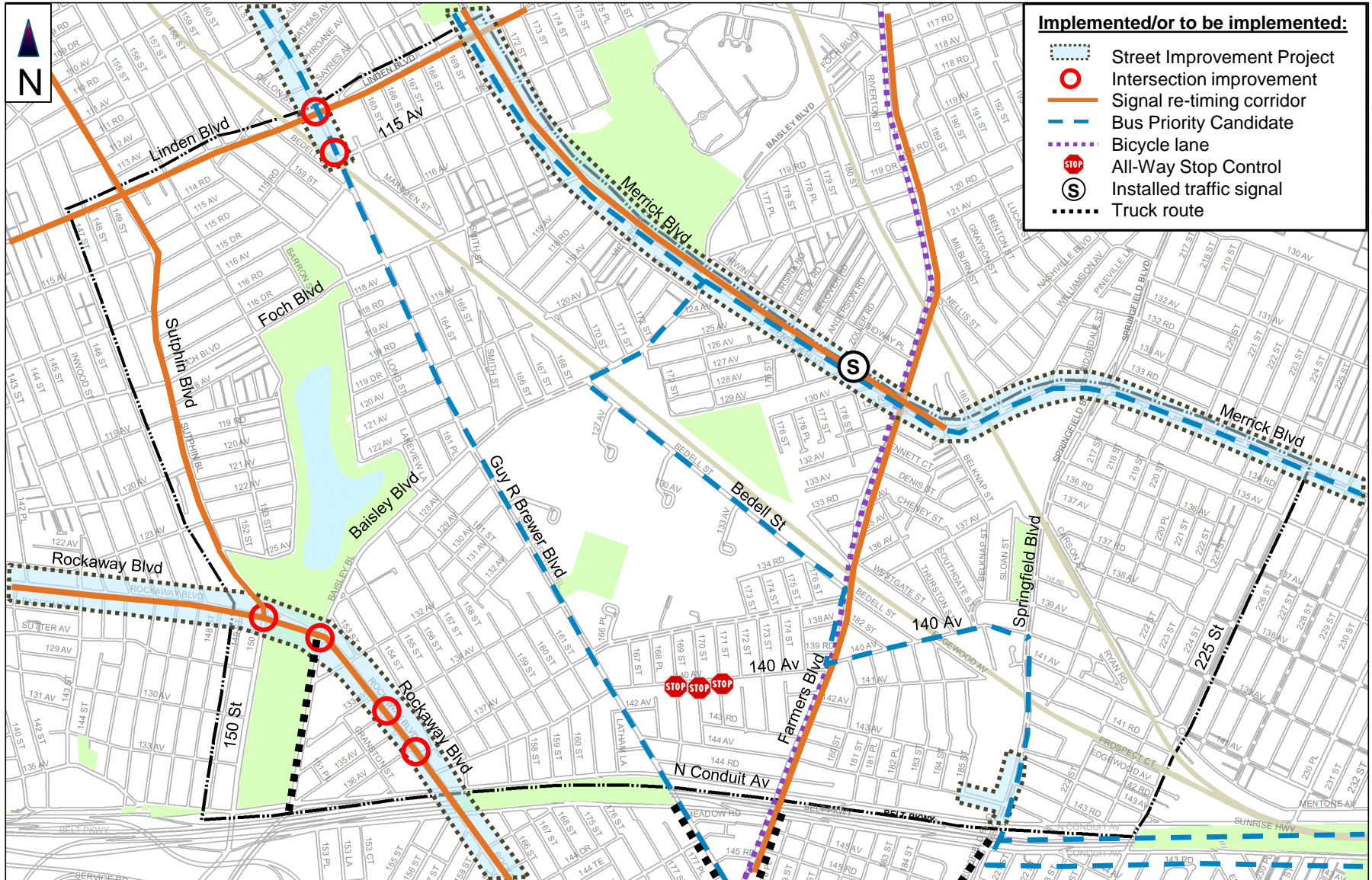
SYNTHESIS OF ISSUES - INTERSECTIONS



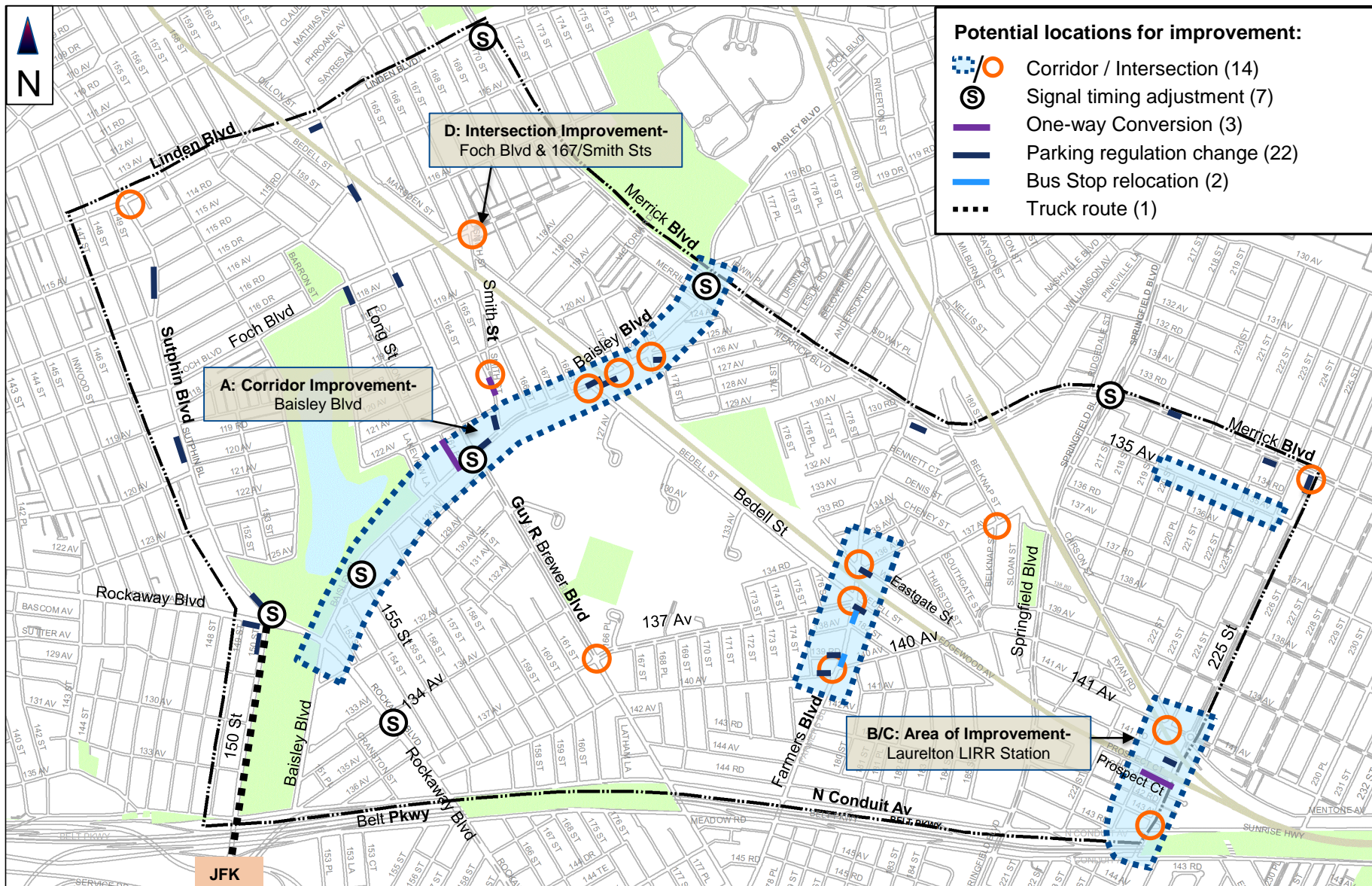
DOT INITIATIVES & PRELIMINARY RECOMMENDATIONS

4

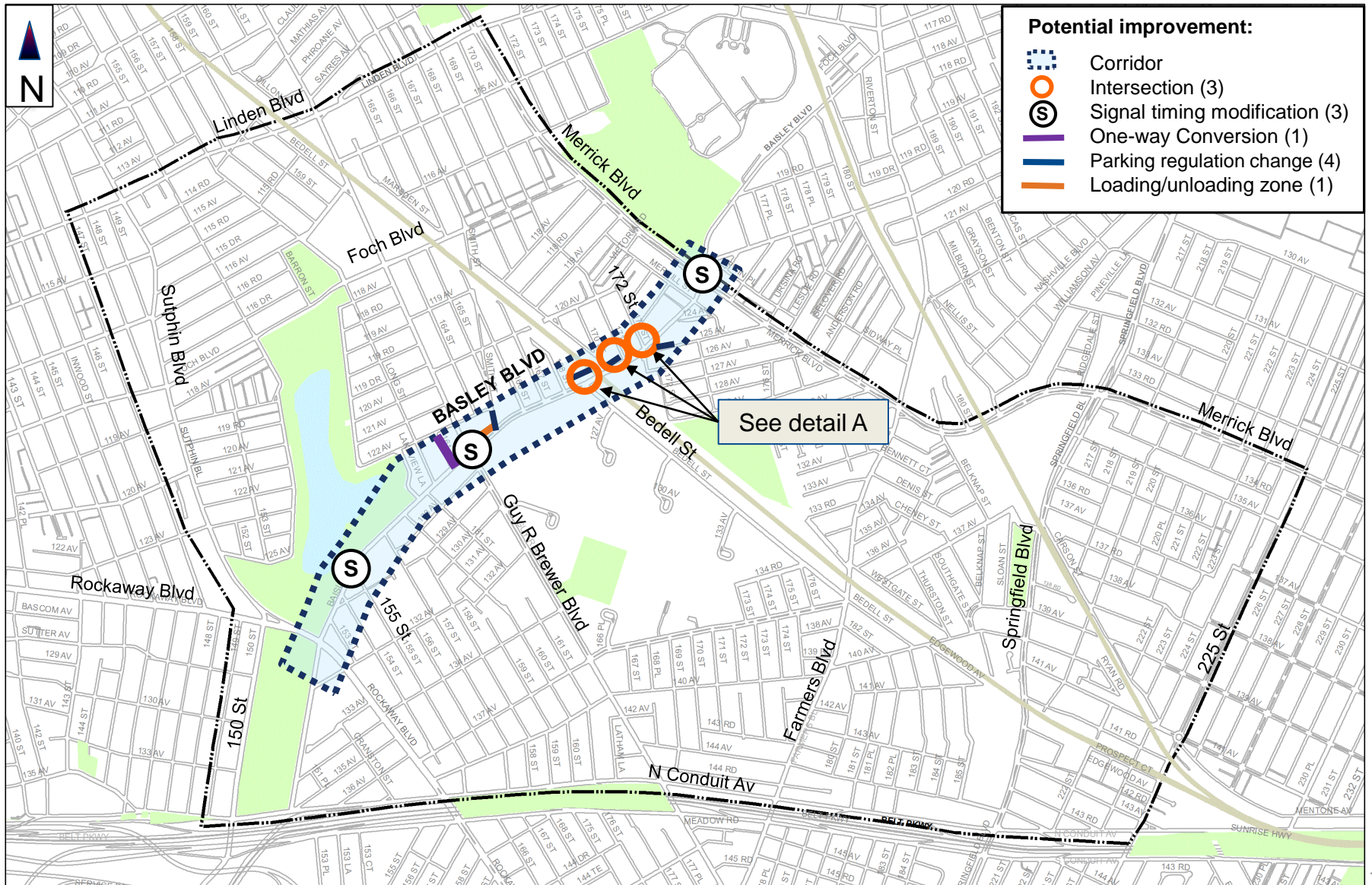
OTHER INITIATIVES



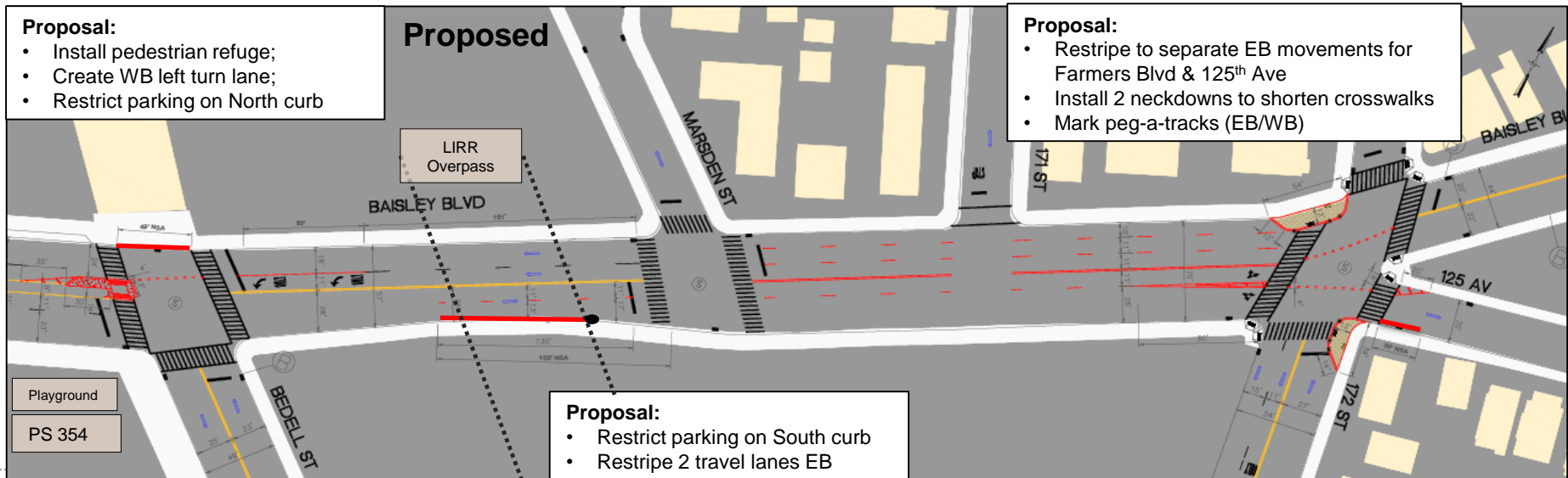
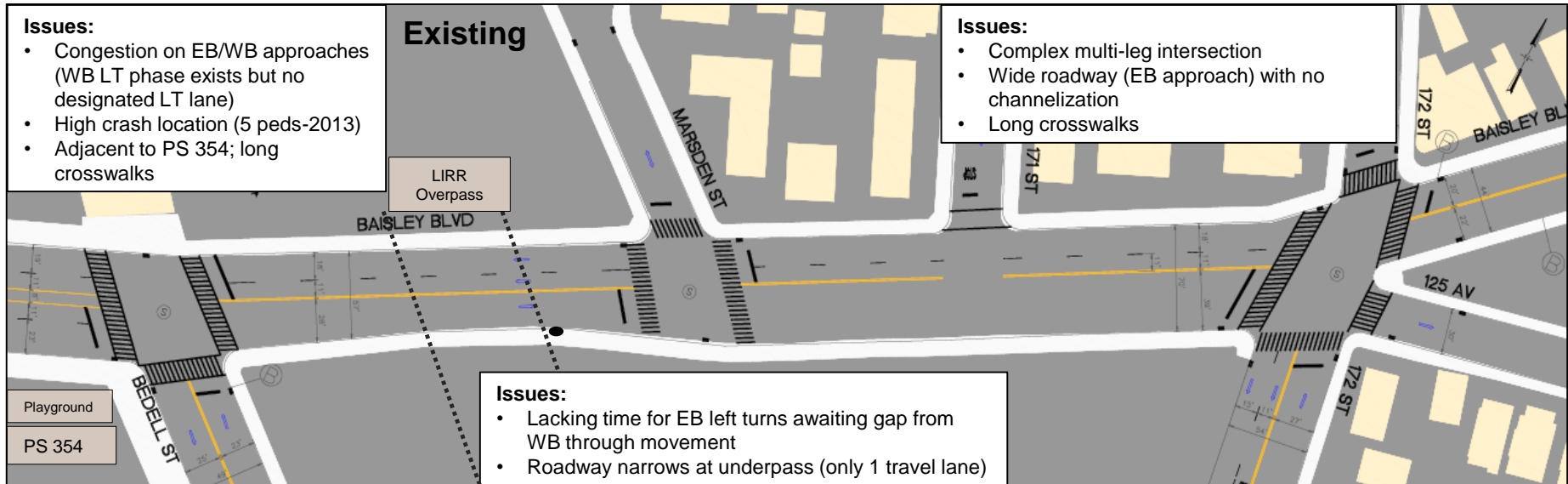
PRELIMINARY RECOMMENDATIONS



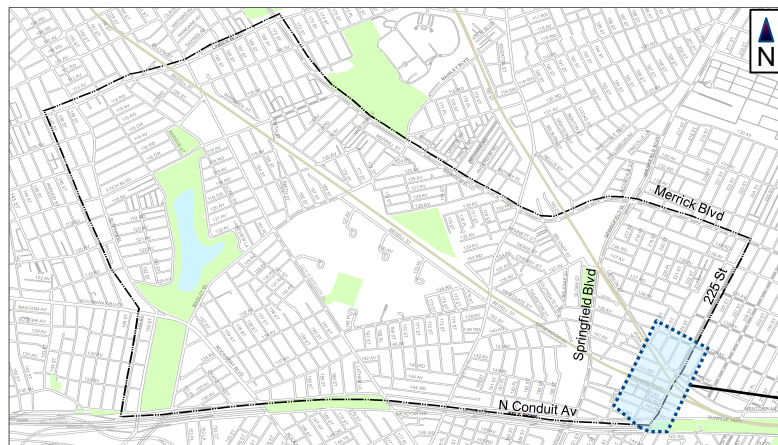
BAISLEY BLVD SAFETY IMPROVEMENTS








A: BAISLEY BLVD SAFETY IMPROVEMENTS

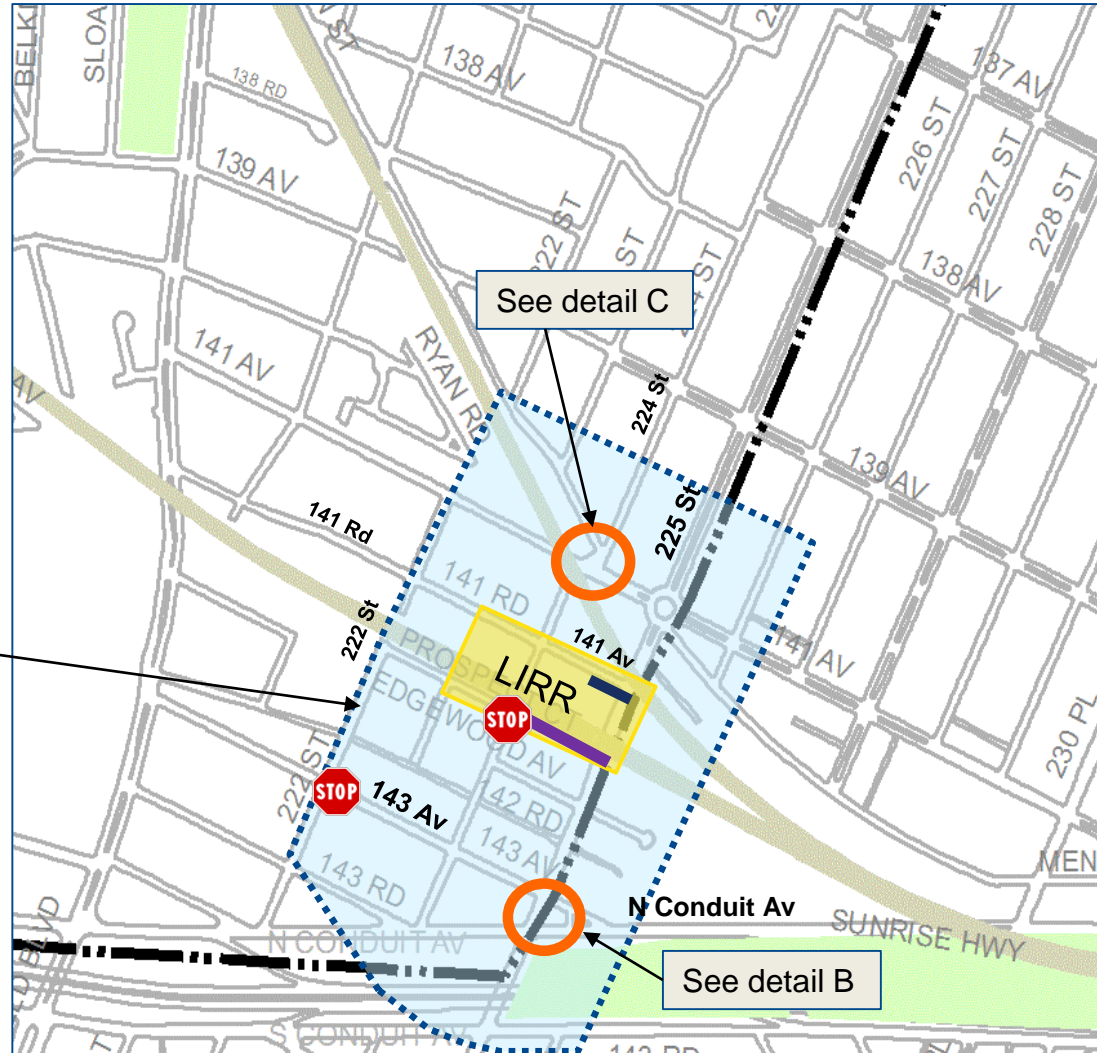


LAURELTON LIRR STATION SAFETY IMPROVEMENTS



Potential locations for improvement:

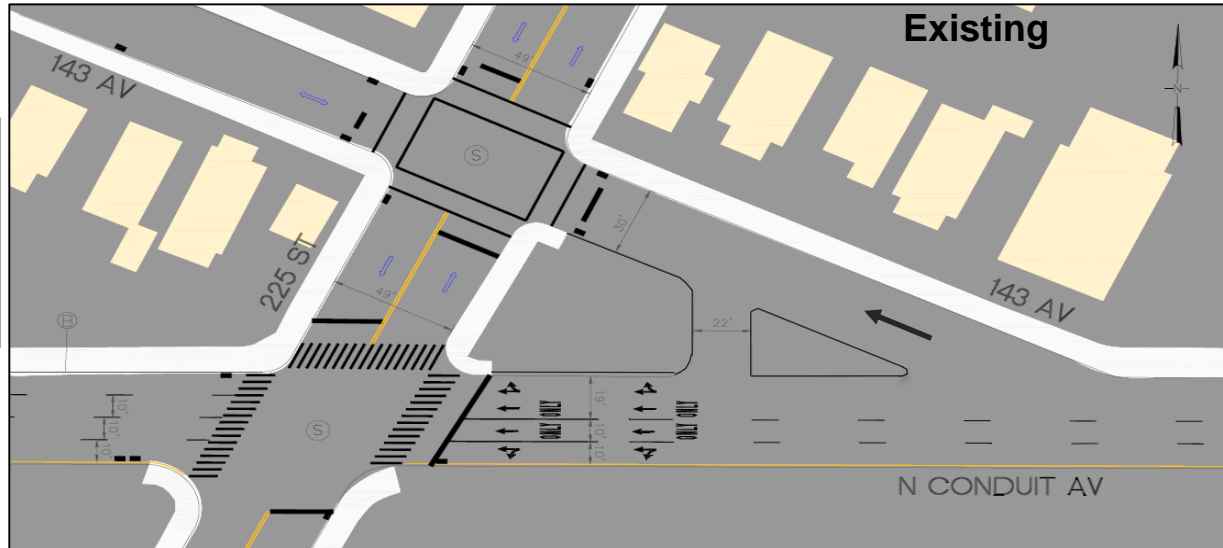
-  LIRR Station Area
-  Intersection
-  Request for All-Way Stop
-  One-way Conversion
-  Parking regulation change



B: 225 ST BET 143 & N. CONDUIT AVENUES

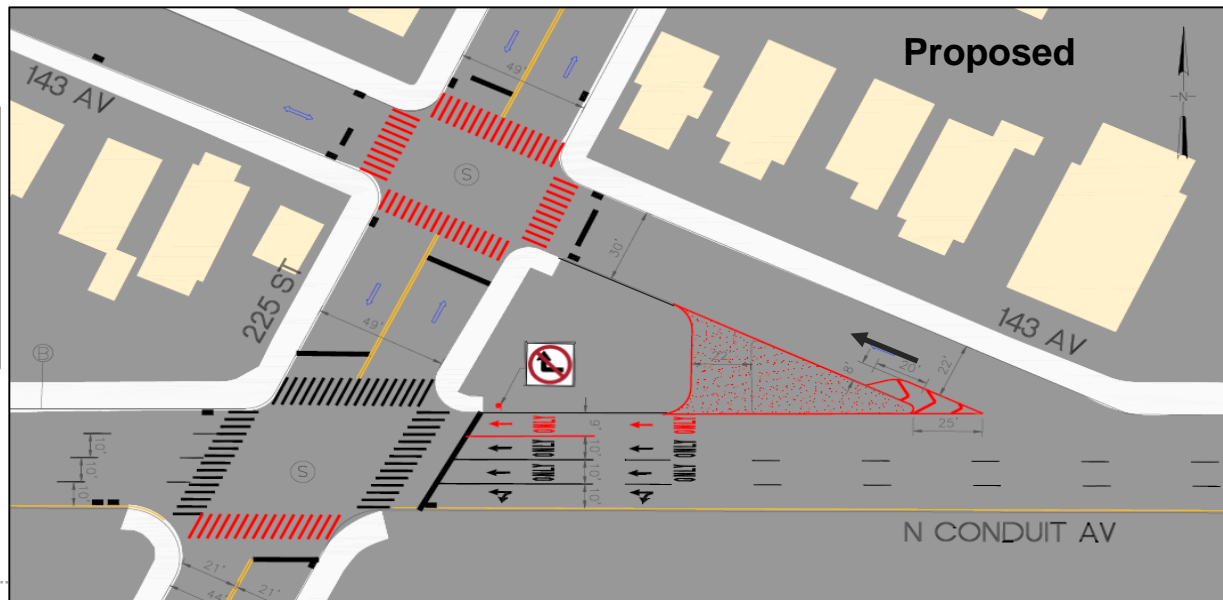
Issues:

- Vision Zero Priority Intersection
- Marked WB TR lane on N. Conduit Ave at 225th St
- Mid-block slip ramp of no operational use



Potential improvements:

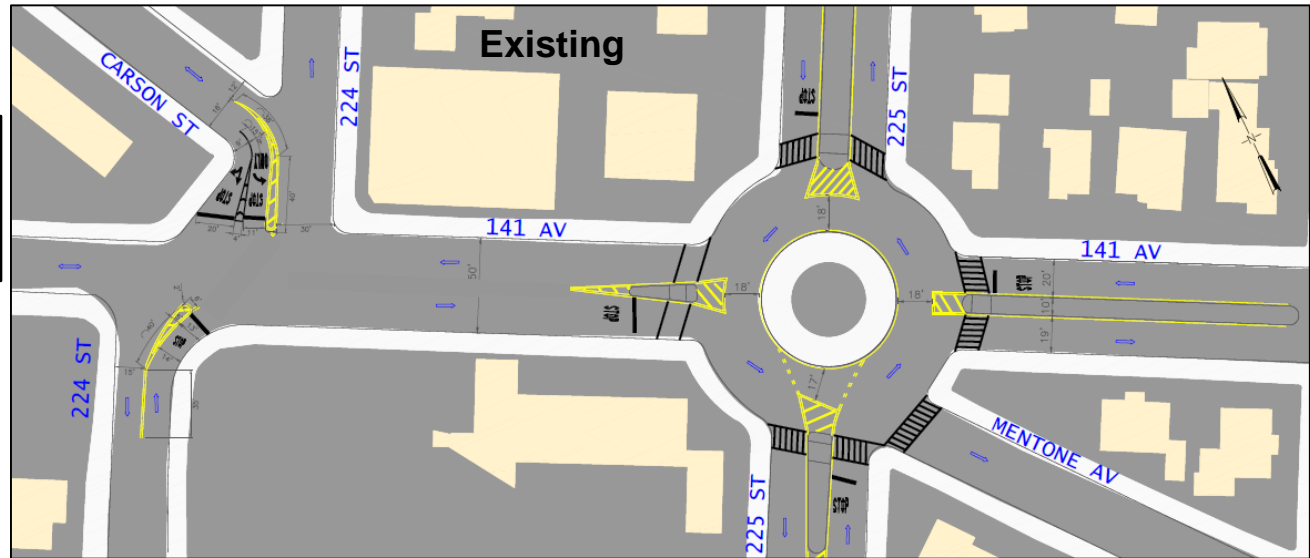
- Restrict WB RT at 225th St
- Install HV crosswalks/ADA ramps
- Add south-leg crosswalk on N. Conduit Ave
- Close slip ramp bet. N. Conduit & 143rd Aves



C: 141ST AV BET. 224TH & 225TH STS

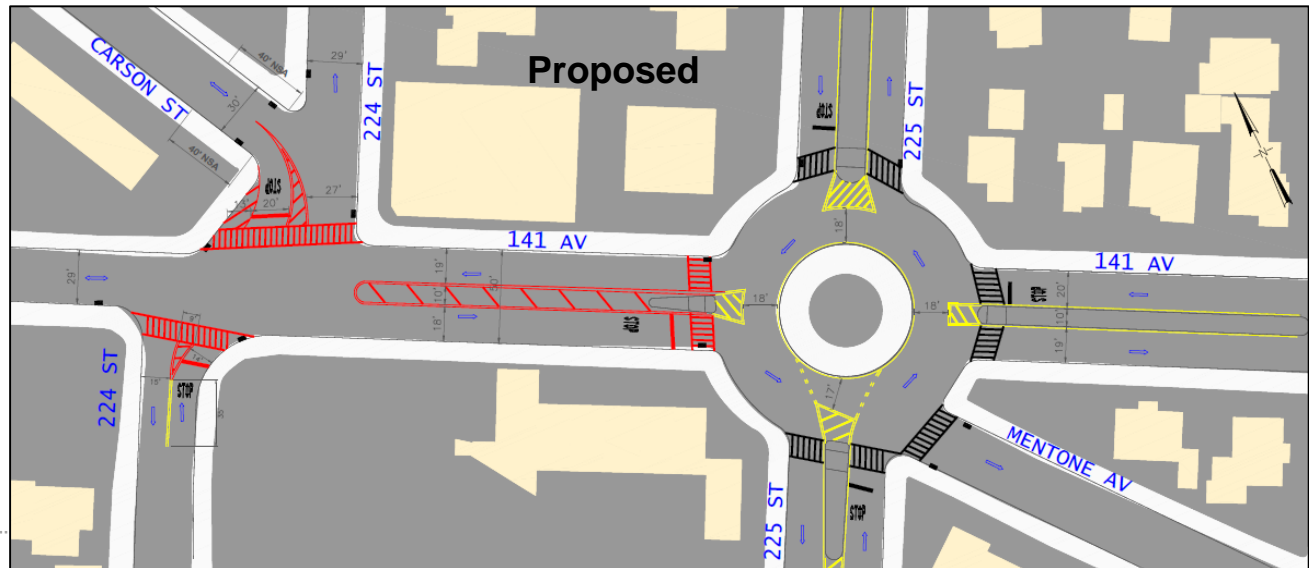
Issues:

- Wide un-restriped roadway on 141st Av
- Missing crosswalks



Potential improvements:

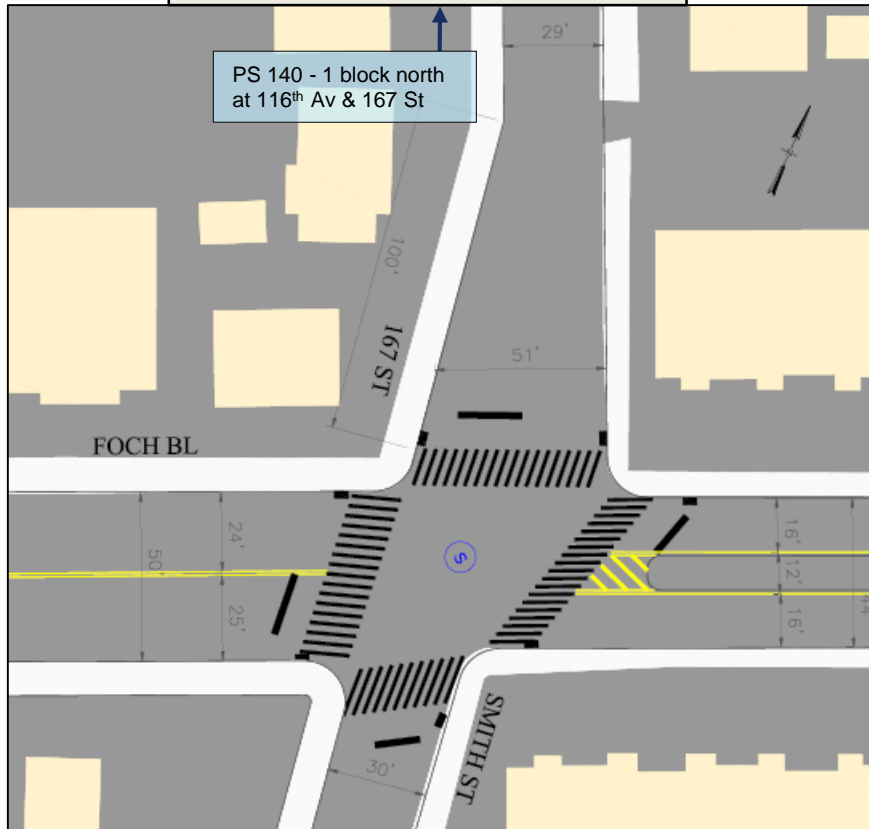
- Restripe flush median on 161st Ave for traffic calming/safety
- Restripe intersection for NB/SB approaches & install crosswalks/ADA ramps



D: FOCH BLVD & 167/SMITH STS SAFETY IMPROVEMENTS

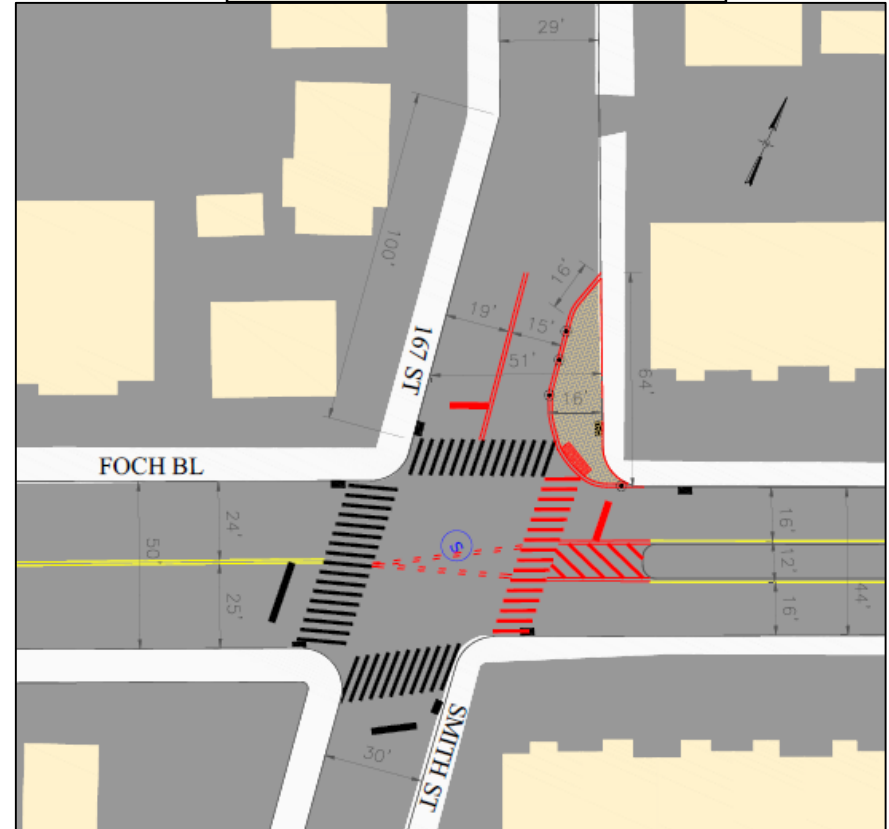
Issues:

- Intersection is near PS 140
- 167th Street (north-leg) is wide and unstriped
- Long crosswalks (north X-walk - 57')



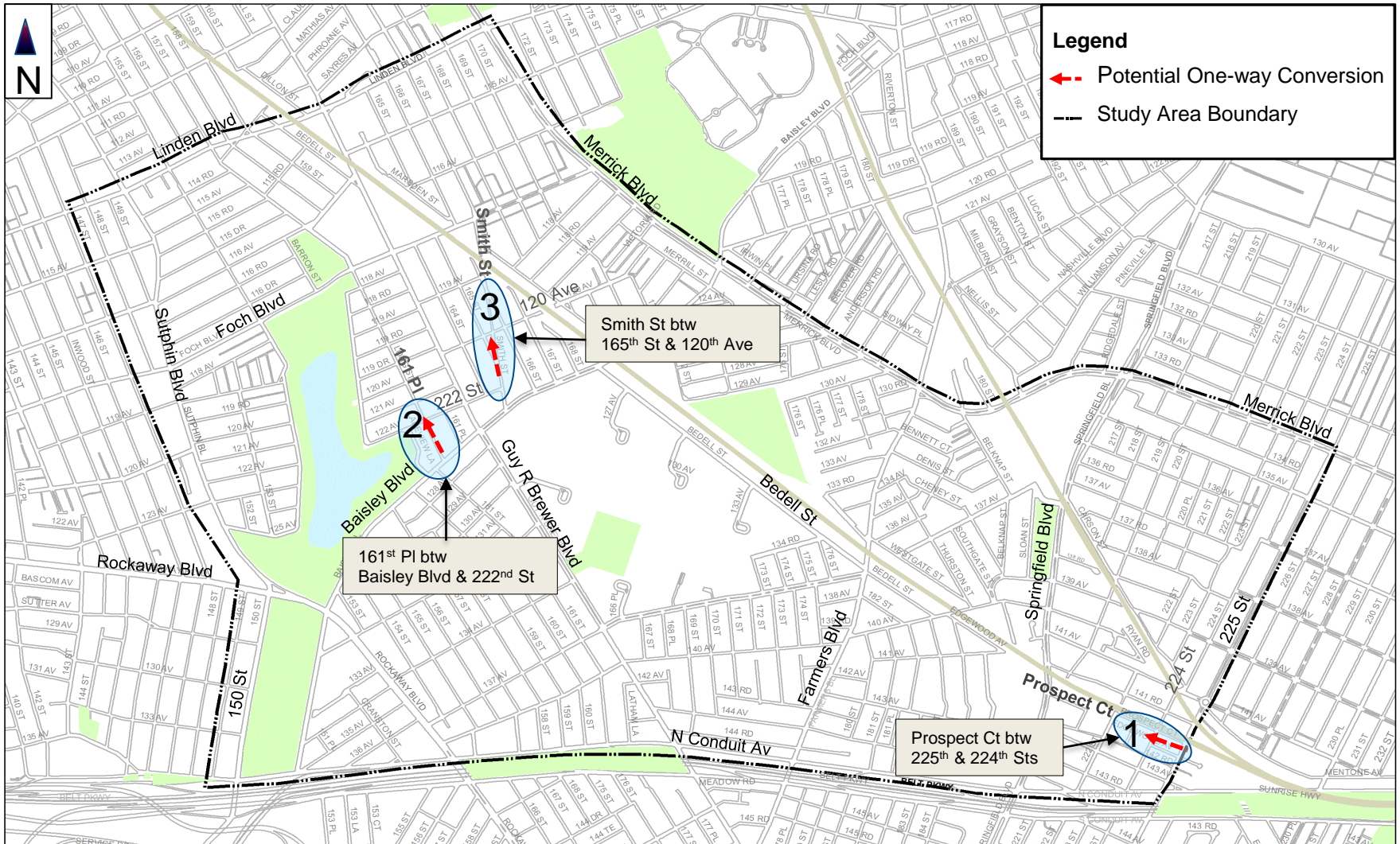
Potential Improvements:

- Stripe 167th Street (north leg)
- Construct neckdown in northeast corner to shorten crosswalks
- Mark peg-a-track on Foch Blvd



ONE-WAY CONVERSIONS

Street segments selected for potential one-way conversion



1. ONE-WAY CONVERSION – PROSPECT CT

Issues:

- Prospect Ct bet. 224th & 225th Streets is 24' wide and operates as two-way with parking on both curbs.
- Street is adjacent to LIRR station with high parking demand.

Proposal:

- Convert Prospect Ct to one-way NB from 225th to 224th Streets



Existing: Prospect Ct, looking SB



Existing: Prospect Ct, looking NB



2. ONE-WAY CONVERSION – 161ST PL

Issues:

- 161st Pl bet. Baisley Blvd & 222nd Street is 24' wide and operates as two-way with parking on both curbs (no regulations).
- Street has high parking demand near commercial facilities.

Proposal:

- Convert 161st Pl to one-way NB from Baisley Blvd to 222nd St



Existing: 161st Pl, looking NB



Existing: 161st Pl, looking SB



3. ONE-WAY CONVERSION – SMITH ST

Issues:

- Merging conflicts and roadway segment narrows to 20' at convergence of Smith St at 165th St (mid-block), both streets operate as two-way with parking on both curbs.

Proposal:

- Convert Smith St to one-way NB, ½ block from 165th Street and restripe SB to make RT lane at convergence point.



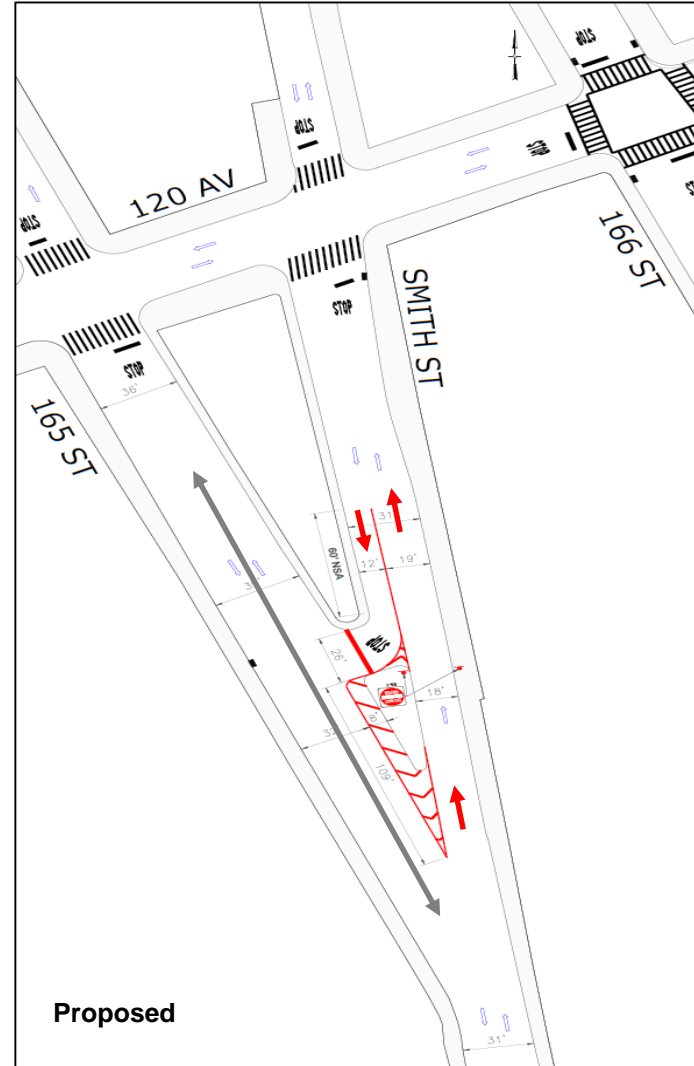
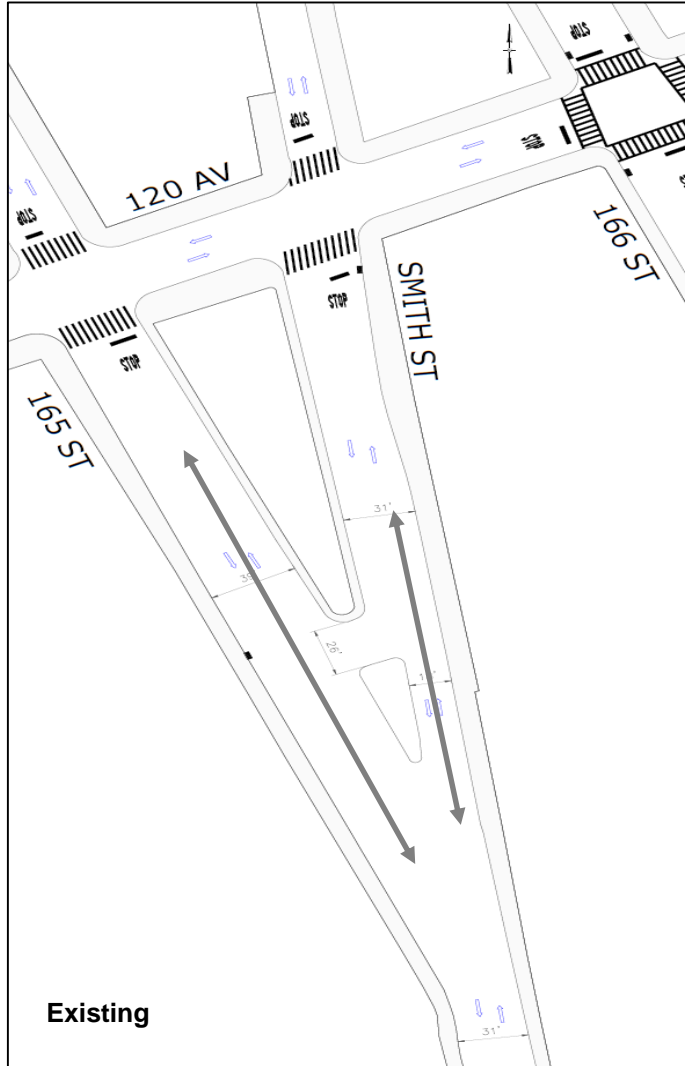
Existing: 165th & Smith Sts, looking NB



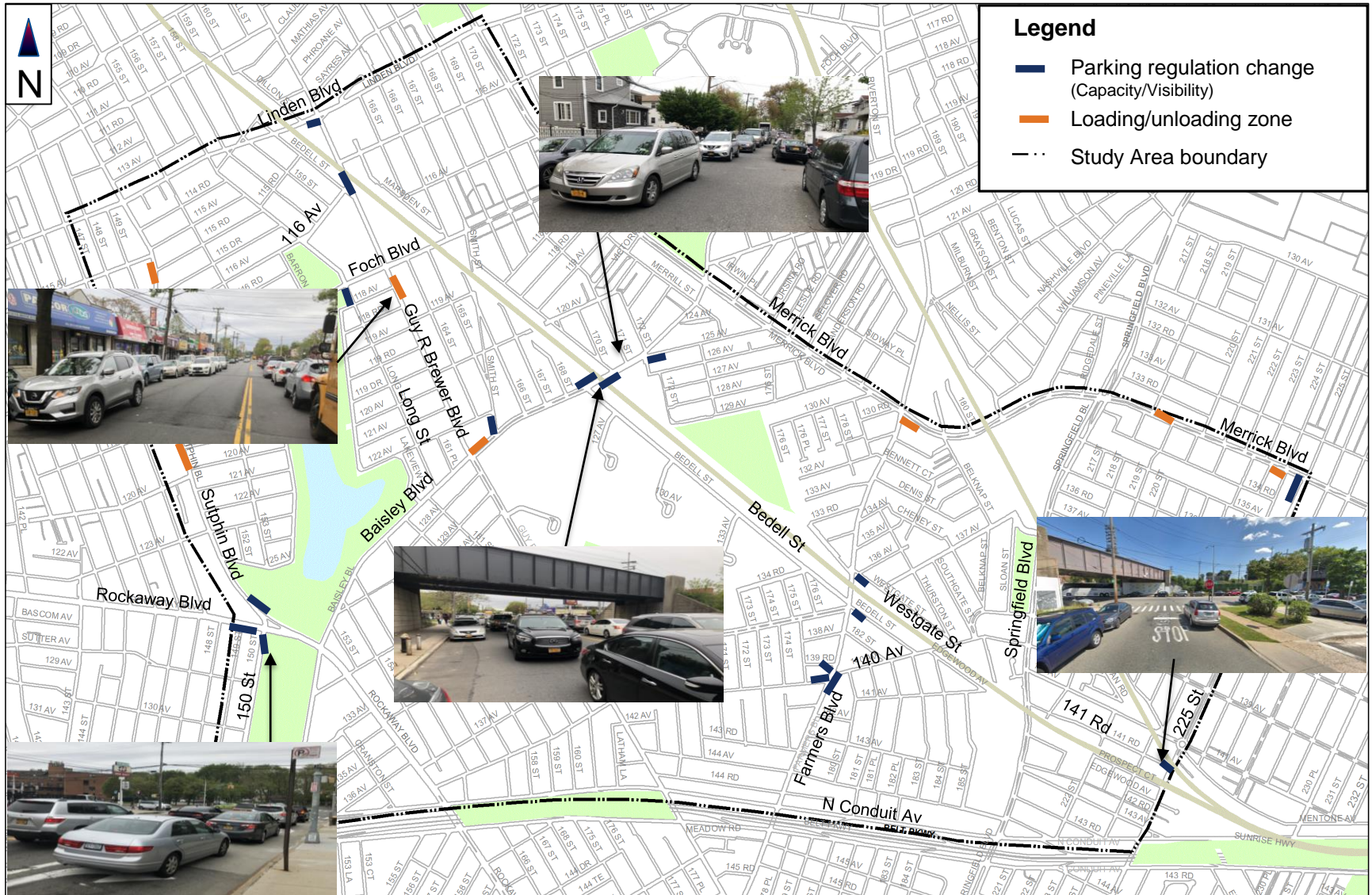
Existing: Smith St, looking SB



ONE-WAY STREET CONVERSION - SMITH ST



PROPOSED PARKING CHANGES



NEXT STEPS

5

NEXT STEPS

- ❑ Develop Street Improvement Projects
- ❑ Finalize Report
- ❑ Implementation

THANK YOU!

Questions?



NYCDOT



nyc_dot



nyc_dot



NYCDOT