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
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 BOUNDARY AND CB-s

Legend
- Expressway/Parkway
- Major Arterial
- Local Connector
- Community District Boundary
- Study Area Boundary

- CD 12
- CD 13

Linden Blvd, 157 St, Foch Blvd, Merrick Blvd, Long St, Guy F. Brewer Blvd, Baisley Blvd, Bedell St, 137 Av, Farmers Blvd, Springfield Blvd, 225 St, Belt Pkwy, N Conduit Av, Sulphin Blvd, Rockaway Blvd, 120 St, Baisley Blvd.
STUDY PROCESS

Study Initiation & Scope of Work

Data Collection

Community Input

Existing Conditions Analysis
(Problem Identification & Issues)

Future Conditions Analysis & Recommendations

Draft Report

Develop and Evaluate Improvement Measures

Final Report

We are here
EXISTING CONDITIONS
ANALYSIS
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?

CTPP data:
- 10,400 workers in S. Area
- 32,400 residents work at:  
  - 84% NYC  
  - 12% Nassau County

Source: Census Transportation Planning Package (CTPP)
SOUTH JAMAICA REZONING (2010)
EXISTING LAND USE
VEHICULAR VOLUMES (PM PEAK HOUR)

Legend
- Approach Volume (200+)
- High Volume (1000+)
- Study Area Boundary

Corridors with Highest Traffic Volumes:
- N. Conduit Ave (1800-2000)
- Rockaway Blvd (900-1050)
- Merrick Blvd (800-1100)

PM – Worst Peak Period
CORRIDORS TRAVEL SPEED (PM PEAK)

Legend
- < 10 MPH
- 10-15 MPH
- > 15 MPH

Range: AM: 10-20 mph
Range: PM: 9-18 mph
Slowest Corridors:
- Farmers Blvd NB/SB (9-12 mph)
- Baisley Blvd EB (11.5 mph)
- Guy Brewer Blvd NB/SB (10-12 mph)
TRUCK ROUTES & VOLUME (PM PEAK)

Corridors Truck Volumes:
- N. Conduit Ave (65-85)
- Springfield Blvd (25-40)
- Rockaway Blvd (25-30)
- Farmers Blvd (15-20)
- Guy R Brewer Blvd (15)
- Merrick Blvd (15-20)
- Baisley Blvd (10)
PEDESTRIAN VOLUMES (AM PEAK HOUR)

AM – Worst Peak Period; LOS A-B for all crosswalks
BICYCLE FACILITIES (ROUTES)
BICYCLE VOLUMES (PM PEAK)
CRASH & SAFETY ANALYSIS
ON-STREET PARKING & UTILIZATION (PM)

Legend

- Utilization
  - >95%
  - 80 - 95%
  - <85%
- Metered parking
- LIRR Parking Lot
- MTA Bus Depot
- Study Area Boundary

PM – Worst Peak Period
WEEKDAY BUS RIDERSHIP

BUSES PASSING THROUGH STUDY AREA

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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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
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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