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

Legend:
- Springfield Gardens/S. Jamaica Study Boundary (Proposed)
- Springfield Gardens/JFK Study Boundary
- Downtown Jamaica Transportation Study
STUDY AREA BOUNDARY AND ARTERIALS
STUDY ORGANIZATION AND METHODOLOGY

Scope of Work

Data Collection

Community Input

Existing Conditions Analysis

- Demographics
- Traffic
- Parking
- Crashes/Safety
- Zoning/Land Use
- Transit
- Pedestrians/Bikes
- Trucks

Short-Term Recommendations

Future Conditions Analysis

Long-Term Recommendations

Draft/Final Report
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
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

Legend
- ATRs
- Manual Turning Movement Counts
- Pedestrian Counts
- Speed Run Corridors

Study Area
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?