South Williamsburg Transportation Study
South Williamsburg Transportation Study

- Congestion
- Parking
- Pedestrian Safety
- Community Issues
Agenda

• Introduction
• Goals & Objectives
• Study Area Boundaries
• Project Organization and Methodology
• Areas of Analysis
• Other Initiatives
• Next Steps
• Questions and Answers
Study Goal

- To improve traffic circulation and safety for all street users (motorists, cyclists and pedestrians) with extensive community participation.
Study Objectives

• To evaluate existing and future traffic conditions

• To facilitate extensive public participation through TAC and the public meetings and document community issues

• To generate recommendations and develop improvement measures to address community concerns and traffic operations issues
Study Area - Boundaries
Principal Arterials
Organization and Methodology

1. Project Initiation and Scope of Work
2. Data Collection
3. Community Input
4. Existing Conditions Analysis
   (Short Term Recommendations)
5. Future Conditions Analysis
   (Long Term Recommendations)
6. Develop and Evaluate Improvement Measures
7. Draft Final Report
8. Final Report
Subjects of Analysis

• Demographics
• Zoning and Land Use
• Traffic and Transportation
• Goods Movement/ Trucks
• Pedestrian and Bicycles
• Crashes/ Safety
• Parking
• Public Transit
Demographic/Socio-Economic Data

- Population Change
- Household Size
- Household Income
- Vehicle Ownership
- Journey to Work by Mode
Zoning and Land Use

• **Zoning**
  - Zoning Districts
  - Recent Rezonings

• **Land Use**
  - Land Use distribution: Residential, Commercial, Industrial
  - Institutional and Community Facilities
  - Trip Generators
Traffic Data Collection and Analysis

Traffic Data
- ATRs, Manual Turning Movement & Classification Counts
- Pedestrian Counts
- Travel Speed
- Signal Timing
- Street Inventory (Geometry)

Traffic Capacity (LOS) Analysis - AM and PM Peak Hours

Goods Movement/ Trucks
- Truck Routes (Through & Local)
- Loading and Unloading Activities
- Curb Utilization
Traffic Data Collection Plan

Legend
- MTMC
- ATR
- Ped Count
- Existing Data
- School
Crash/Safety Analysis

- Crash History (3 most recent years)
- Types of Crashes, Frequency, and Severity
- Fatalities/High Crash Locations
Parking Analysis

• **On Street Parking**
  - Parking Regulations
  - Parking Supply and Demand
  - Price Structure

• **Off Street Parking**
  - Lots/Garages
  - Capacity, Utilization, and Price Structure
Public Transit

• **Bus/ Subway**
  • Bus and Subway Ridership
  • Bus Frequency
  • Bus Stops, Subway Stations, Transfer Points
Other Initiatives

- Williamsburg Bridge Plaza Bus Terminal Renovation
  - Havemeyer St. and Broadway

- Broadway Congested Corridor Study
  - Driggs Ave to Myrtle Ave (30 intersections)
Next Steps

- Execute Data Collection Plan
- Existing Conditions Analysis
- Draft Tech Memo No. 1 (July/Aug 2015)
  - Existing Conditions Analysis and Short Term Recommendations
- Conduct TAC and Public Meeting # 2 (July/Aug 2015)
- Future Conditions Analysis with Recommendations
- Develop Improvement Measures
- Conduct TAC Meeting and Public Meeting #3 (Dec 2015)
- Draft Final Report (Dec 2015)
- Develop Implementation Plan
## Project Schedule

### South Williamsburg Transportation Study

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<tr>
<th>Project Tasks/Dates</th>
<th>2014</th>
<th>2015</th>
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<td>Final Report</td>
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### Deliverables -

1. Scope of Work
2. Data Collection Plan/TAC Presentation
3. Draft Existing Conditions Report (50%)
4. Existing Conditions Report (100%)
5. Future Conditions Analysis
6. Recommendations/Improvement Measures
7. Draft Final Report
8. Final Report
Thank You!

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