Bleecker/Houston/Bowery Transportation Study
Overview

- Goals & Objectives
- Study Area Boundaries
- Project Organization and Methodology
- Next Steps
- Questions and Comments
Study Goals

- To address community concerns
- To improve the safety of all street users (motorists, bicycles and pedestrians) and to improve the traffic circulation
Study Objectives

- To encourage extensive public participation
- To collect, investigate and analyze data that will help define the transportation issues
- To develop and implement a set of recommendations and improvement measures
Study Area

* CD – Community District, CB – Community Board
Studies within Study Area

* CATS – Canal Area Transportation Study
Projects within Study Area

* BRT – Bus Rapid Transit
Community Issues

- Congestion
  - Side Street Backups
  - Dedicated Turn Lanes
  - Horn Honking

- Safety
  - Pedestrian Crossings

- Parking
  - Double Parking
  - Truck Loading & Unloading
Subjects of Analysis

- Demographic/Socio-economic Characteristics
- Land Use and Zoning
- Vehicular Traffic
- Goods Movement
- Pedestrians and Bicycles
- Accident and Safety
- Parking
- Public Transit
Demographics

- Population Characteristics
  - Population Change
  - Age
  - Sex

- Socio-Economic Characteristics
  - Household Size
  - Income
  - Labor Force
  - Vehicle Ownership
  - Journey to Work by Mode
Zoning and Land Use

- Zoning
  - Zoning Regulations
  - Recent or proposed rezonings

- Land Use
  - Classification by block and lot
  - Major trip generators
Traffic and Transportation

- Data Collection
  - ATRs, Manual Turning Movement & Classification Counts
  - Travel Speed
  - Street Inventory
  - Bike and Pedestrian Counts
  - Bike Routes
  - Truck Routes
Data Collection Plan
Traffic and Transportation

- Analysis

  - Selection of Peak Hours

  - Highway Capacity Analysis
    - Volume/Capacity
    - Delay
    - Level Of Service
Pedestrians & Bicycles

- Pedestrian Level of Service (LOS)
  - Corner Analysis
  - Crosswalk Analysis
Accident & Safety

- Accidents History (2006-2009)
- Accident Type, Frequency and Severity
Parking

- On Street Parking
  - Parking Inventory (Supply)
  - Parking Utilization (Demand)
  - Price Structure

- Off Street Parking
  - Lots/Garages
  - Location
  - Capacity, Utilization
  - Price Structure
Transit Provision

- Bus/Subway
  - Bus Stops, Subway Stations, Transfer Points
  - Frequency
  - Ridership
Project Organization & Methodology

- Project Initiation and Draft Scope of Work
- Literature Search and Data Collection
- Analysis of Existing Conditions
  - Identification of Issues and Problem Definition
  - Tech Memo No.1: Existing Conditions/Short Term Recommendations
  - Tech Memo No.2: Future Conditions/Long Term Recommendations
  - Develop Improvement Measures
  - Draft Final Report
- Technical Advisory Committee (TAC) Meeting
- Public Meeting
Next Steps

- Conduct Data Collection
- Analyze Existing Conditions
- Draft Tech Memo No. 1
  (Existing Conditions and Short Term Recommendations)
- Conduct Future Conditions Analysis
- Develop Improvement Measures
- Conduct Second TAC Meeting & Public Meeting
- Draft Final Report and Implement Improvement Measures
Bleecker/Houston/Bowery Transportation Study

Questions
&
Comments

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