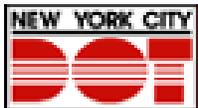


Clinton/Hell's Kitchen Neighborhood Traffic Study Project Advisory Committee

Meeting #2: Tuesday, December 4, 2007, 4:00 PM



Objectives of Meeting

Discuss Scope of Work:

- ❑ Goals and Objectives
- ❑ Public Outreach
- ❑ Items to be Studied
- ❑ Data Collection
- ❑ Analysis of Existing and Future Conditions
- ❑ Development of Recommendations

Discuss Next Steps
Ongoing Role of PAC

Study Goals

Comprehensive transportation plan aimed at:

- ▣ relieving traffic congestion;
- ▣ improving travel conditions and safety;
- ▣ enhancing quality of life.

Consistent with goals of PlaNYC 2030 and
Community Vision For 9th Avenue.

Objectives

- ❑ Evaluate existing and future (2018) transportation conditions focusing on pedestrians, bicycles, vehicular traffic, trucks/goods movement, parking, transit;
- ❑ Promote effective community participation to facilitate identification of issues and development of solutions;
- ❑ Create a more pedestrian-friendly environment;

Objectives (cont'd)

- ❑ Explore opportunities to improve access to major destinations and facilities (e.g. Lincoln Tunnel, Port Authority Bus Terminal, Penn Station, Convention Center);
- ❑ Develop short and long term strategies for improving travel and traffic conditions in the study area;
- ❑ Develop consensus on recommendations for effective early-action and long-term improvement measures.

Community Outreach

- ❑ Project Advisory Committee (PAC) Meetings
- ❑ Walk-Through and Site Visits
- ❑ Public Meetings
- ❑ Community Board Meetings
- ❑ Mailing List
- ❑ Website

Project Advisory Committee

- ❑ Consisting of government agencies, Community Board #4, elected officials and community group representatives appointed by elected officials;
- ❑ Goal: Continuity of representation at approximately 6 meetings at key milestones;
- ❑ Participate in identifying issues and concerns, and in developing and refining priorities;
- ❑ Provide information, assistance and guidance;

Public Meetings

1. Initial listening session or charette
community concerns,
problem identification
preliminary improvements for consideration
2. Study findings –
develop consensus on improvements
3. (If desired) Present and discuss
recommendations

Public Comments

- Web Site:

<http://www.nyc.gov/html/dot/html/about/hellskitchen.shtml>

(Or, from NYCDOT web site, choose MOTORISTS, then choose ABOUT DOT, then CURRENT DOT PROJECTS. A link to the study web page is listed under PROJECT PLANNING)

- Comments can be submitted directly from the study web page.

Areas of Analysis

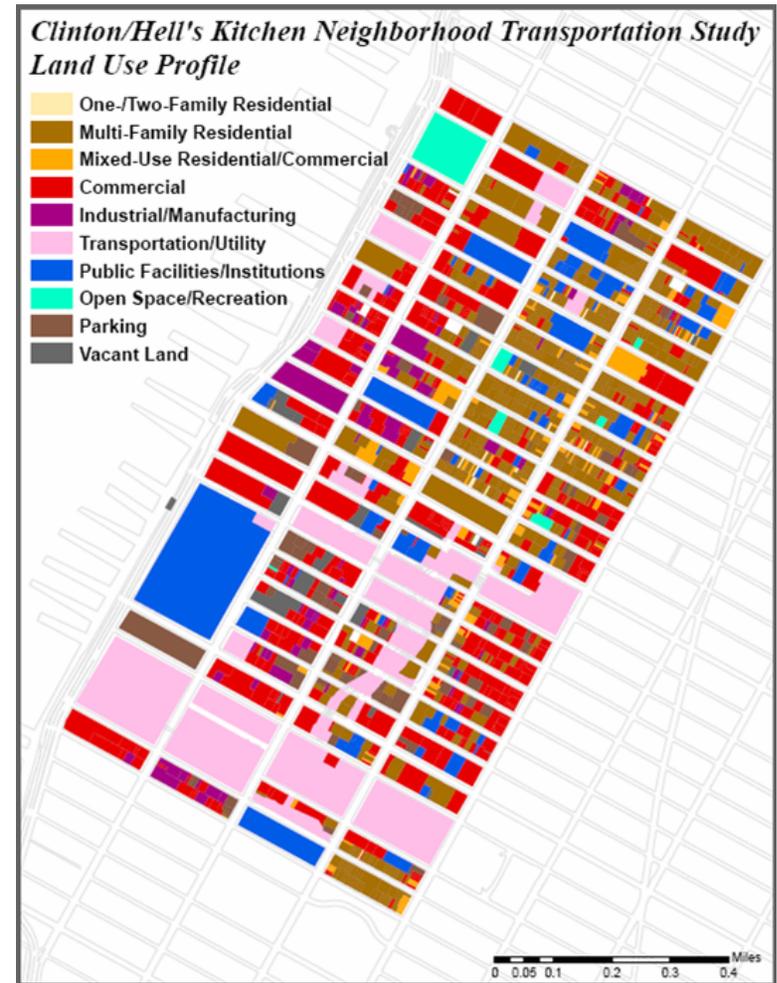
- ❑ Socio-Economic/Demographic
- ❑ Land Use/Zoning
- ❑ **Traffic**
- ❑ **Pedestrians**
- ❑ Bicycles
- ❑ **Accidents & Safety**
- ❑ Parking
- ❑ Transit
- ❑ Goods Movement

Literature Search and Data Collection

- ❑ Previous And Ongoing Related Studies
- ❑ Roadway Inventory
- ❑ Pedestrian, Bicycle and Traffic Counts
- ❑ Travel Time and Delay
- ❑ Accident Data
- ❑ Parking
- ❑ Bus Activity
- ❑ Truck Activity
- ❑ Land Use And Zoning
- ❑ Demographic and Journey-to-Work Data

Land Use, Zoning and Demographics

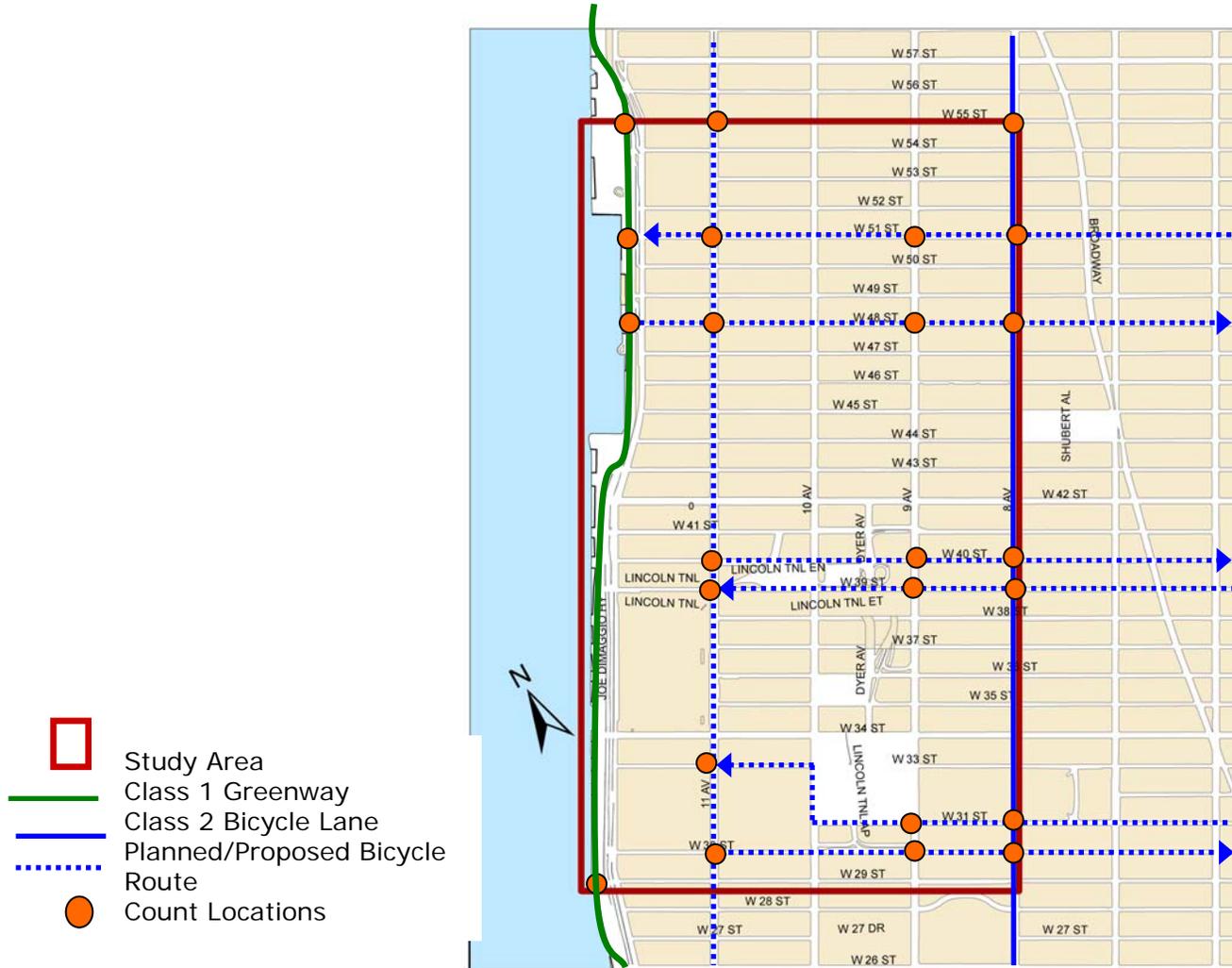
- ❑ Current land use
- ❑ Current zoning
- ❑ Ongoing and future development
- ❑ 1980-2000 Census data on population, households, auto ownership, age
- ❑ 2000 Journey-to-Work data



Pedestrian Counts



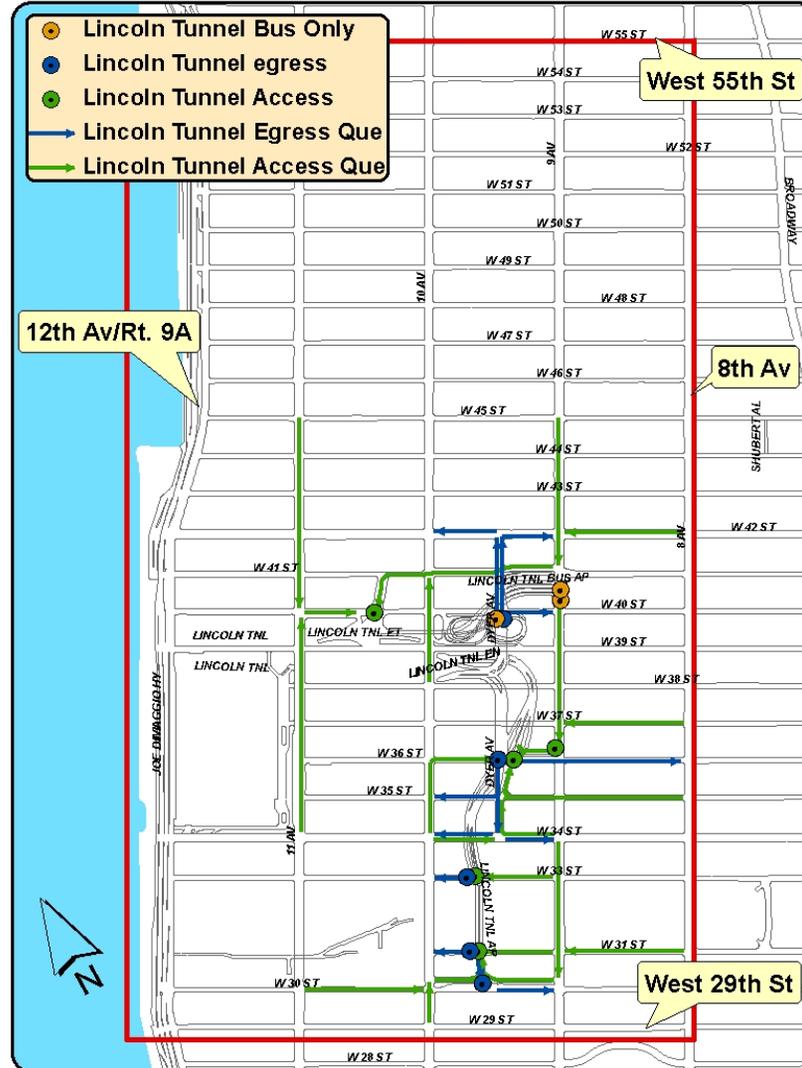
Bicycle Counts



Traffic Counts

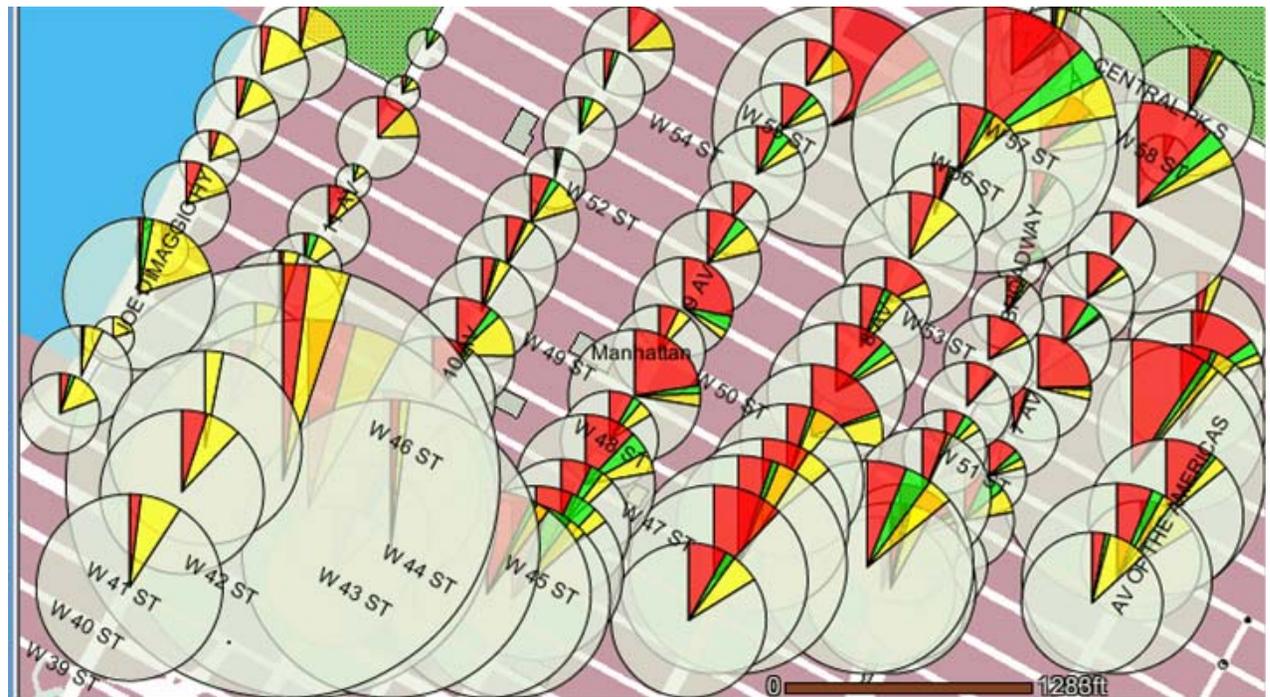


Queuing Locations



Accident Data

- NYS accident database for most recent 3 years;
- Police Accident Reports as needed;
- Field observations of identified or potential safety problems



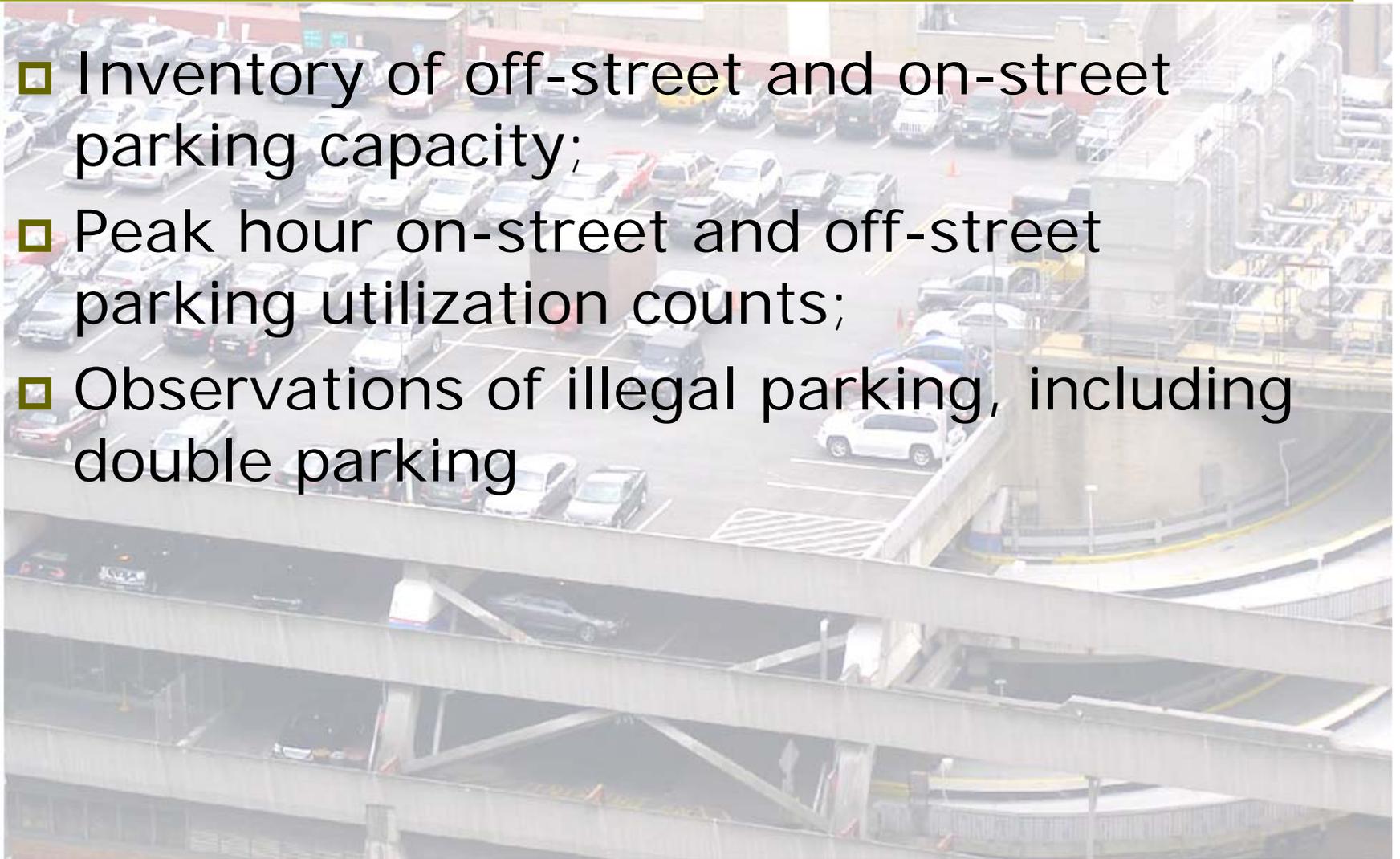
Transit Operations

- ❑ Inventory of existing and future MTA/NYCT/NJT services;
- ❑ Inventory of tour bus, charter bus and commuter bus services using study area streets;
- ❑ Inventory of designated on-street bus boarding and layover locations and bus-only lanes;
- ❑ Observations of bus boarding and layover activity;
- ❑ Observations of car/truck encroachments on bus lanes, stops and zones;
- ❑ Observations of difficult bus maneuvers.



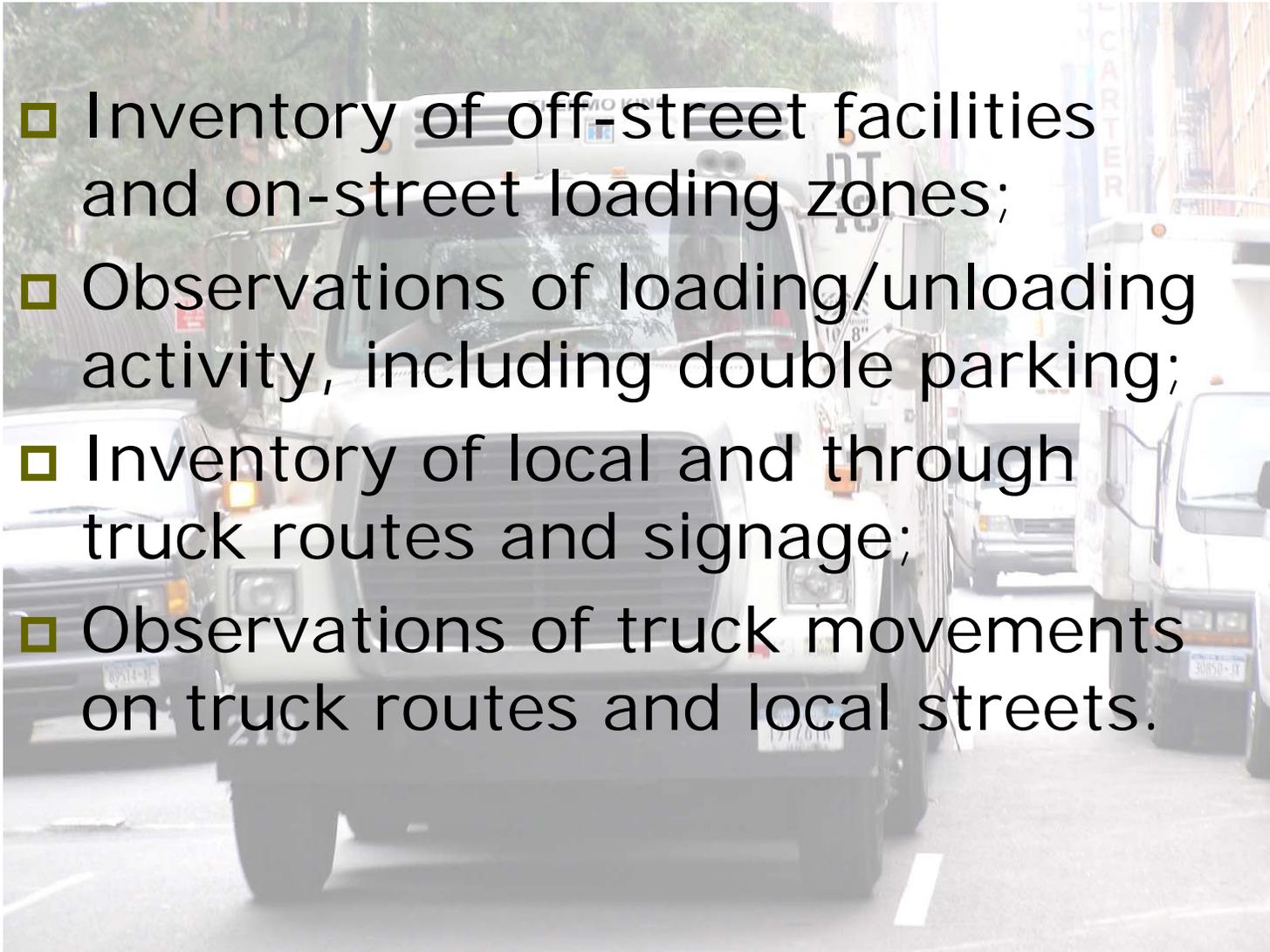
Parking

- ❑ Inventory of off-street and on-street parking capacity;
- ❑ Peak hour on-street and off-street parking utilization counts;
- ❑ Observations of illegal parking, including double parking



Goods Movement

- ❑ Inventory of off-street facilities and on-street loading zones;
- ❑ Observations of loading/unloading activity, including double parking;
- ❑ Inventory of local and through truck routes and signage;
- ❑ Observations of truck movements on truck routes and local streets.



Data Evaluation and Analysis

Demographics, Work Trips, Land Use and Zoning

- Analysis of 1980-2000 trends in population, household size and resident work force, and 2000 jobs, auto ownership, commuting patterns and mode of travel to work
- Analysis of land use trends and associated trip generation potential and possible traffic impacts

Existing and Future Traffic

- Establish baseline (2008) traffic conditions:
 - Balanced Network Volumes
 - Volume/Capacity Ratios
 - Vehicular Delay
 - Levels of Service
- Estimate future (2018) traffic conditions, accounting for:
 - background traffic growth;
 - known developments;
 - network changes;

Traffic Analysis Locations



Pedestrians

- ❑ Perform pedestrian level of service analysis
- ❑ Identify accessibility issues and locations of concern;

Bicycles

- ❑ Analyze bicycle travel patterns, hazards, and parking;

Accidents and Safety

- ❑ Based on traffic and accident analysis, identify intersections of concern.

Transit

- ❑ Analyze pedestrian and traffic congestion at bus stops;
- ❑ Analyze effectiveness and impacts of current bus layover and storage operations

Parking

- ❑ Assess the adequacy of existing and future parking supply in relation to demand;
- ❑ Analyze the effects of parking-related movements on peak hour traffic flow;

Goods Movement

- ❑ Analyze temporal and spatial needs for deliveries;
- ❑ Assess the effects of goods movements generated by retail/commercial and other developments

Development of Improvement Plans/Alternatives

- ❑ In consultation with PAC
- ❑ Near-term and long-term:
 - Street Improvements
 - Transit Improvements
 - Transportation System Management
 - Travel Demand Management
- ❑ Preliminary feasibility screening followed by detailed analysis
- ❑ Develop Measures of Effectiveness (MOE).
- ❑ Evaluate improvement alternatives against MOE.

Study Schedule

- Data Collection: Now – Spring 2008
- Community Board : Early 2008
- Public Meeting #1: Early 2008
- PAC Meeting #3: Early 2008
- PAC meeting #4: Mid-2008
- Data Analysis: Summer-Fall 2008
- PAC #5, CB4 and Public Meetings: Fall 2008
- Develop & Evaluate Improvements:
Fall 2008 – Spring 2009
- PAC Meeting #6: Early 2009
- Final Report: Fall 2009

Next Steps

- FINALIZE SCOPE
- ORGANIZE PUBLIC MEETING #1
- ANALYSIS OF EXISTING DATA
- NEW DATA COLLECTION
(Now – Spring 2008)