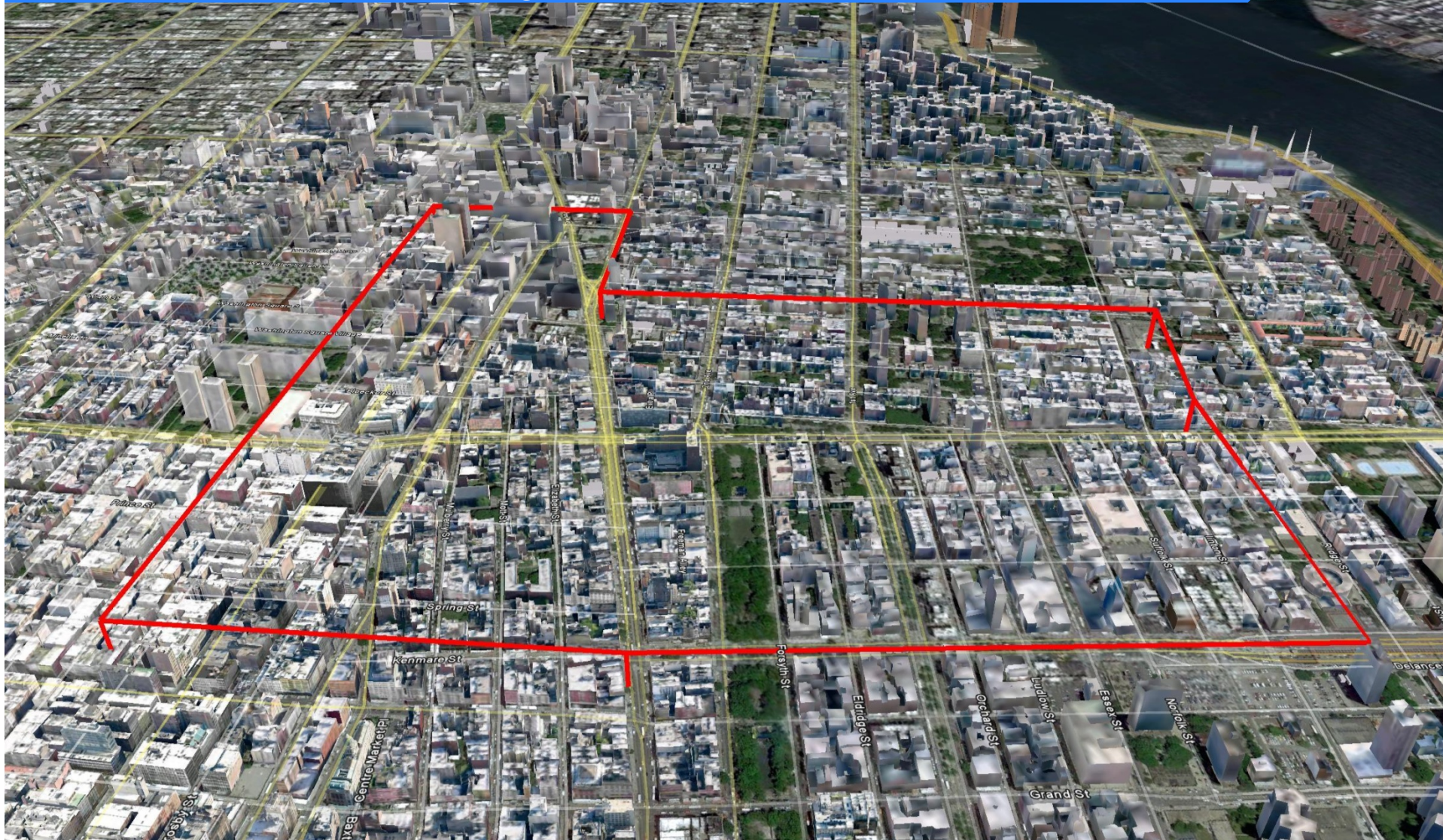


Bowery-Houston-Bleecker Transportation Study



Public Presentation #2, Feb 21, 2012

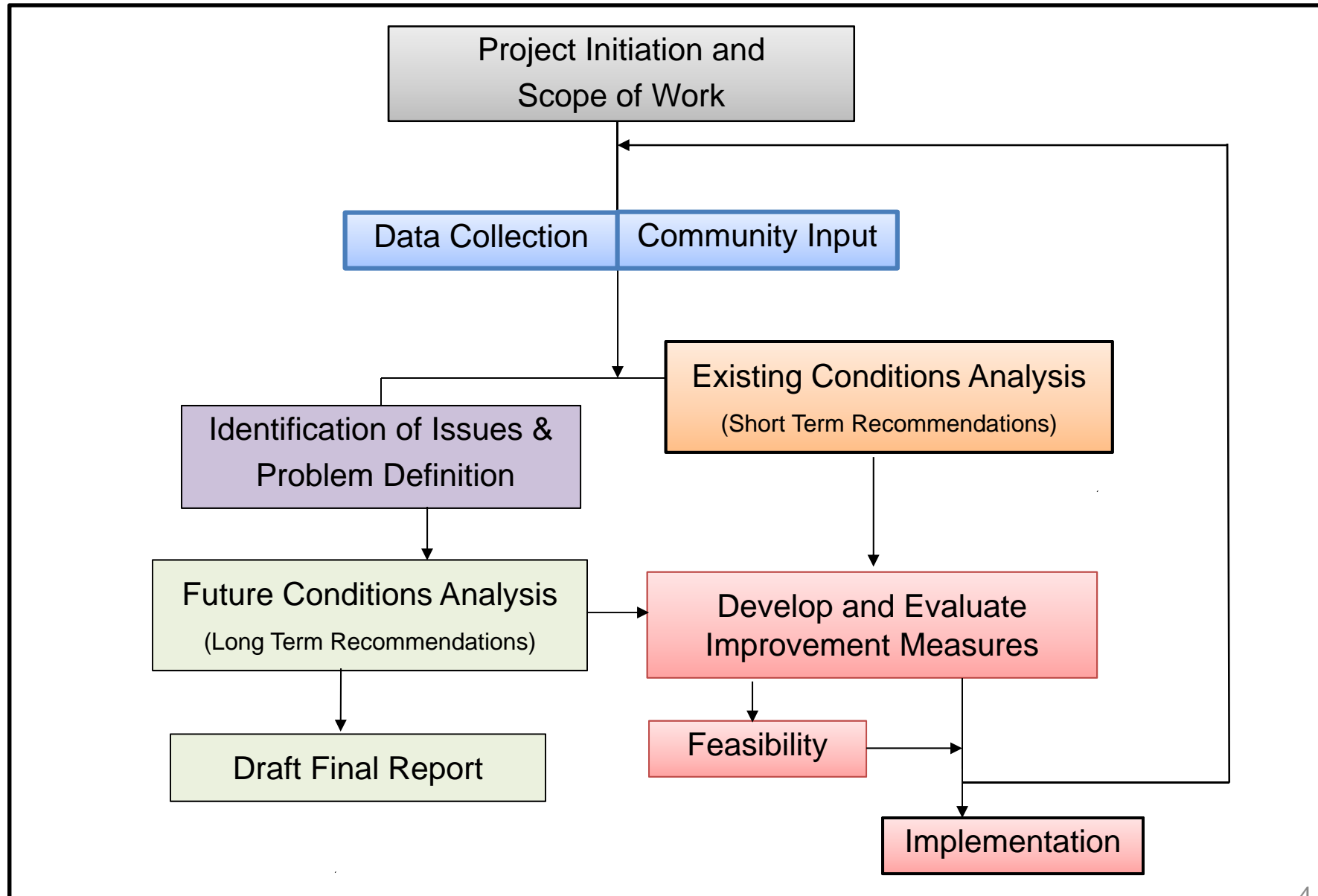
Study Goals

- Address community concerns by investigating the existing traffic conditions within the study area.
- Formulate long-term solutions to improve safety for all street users (pedestrians, bikes and motorists) and to ease congestion.

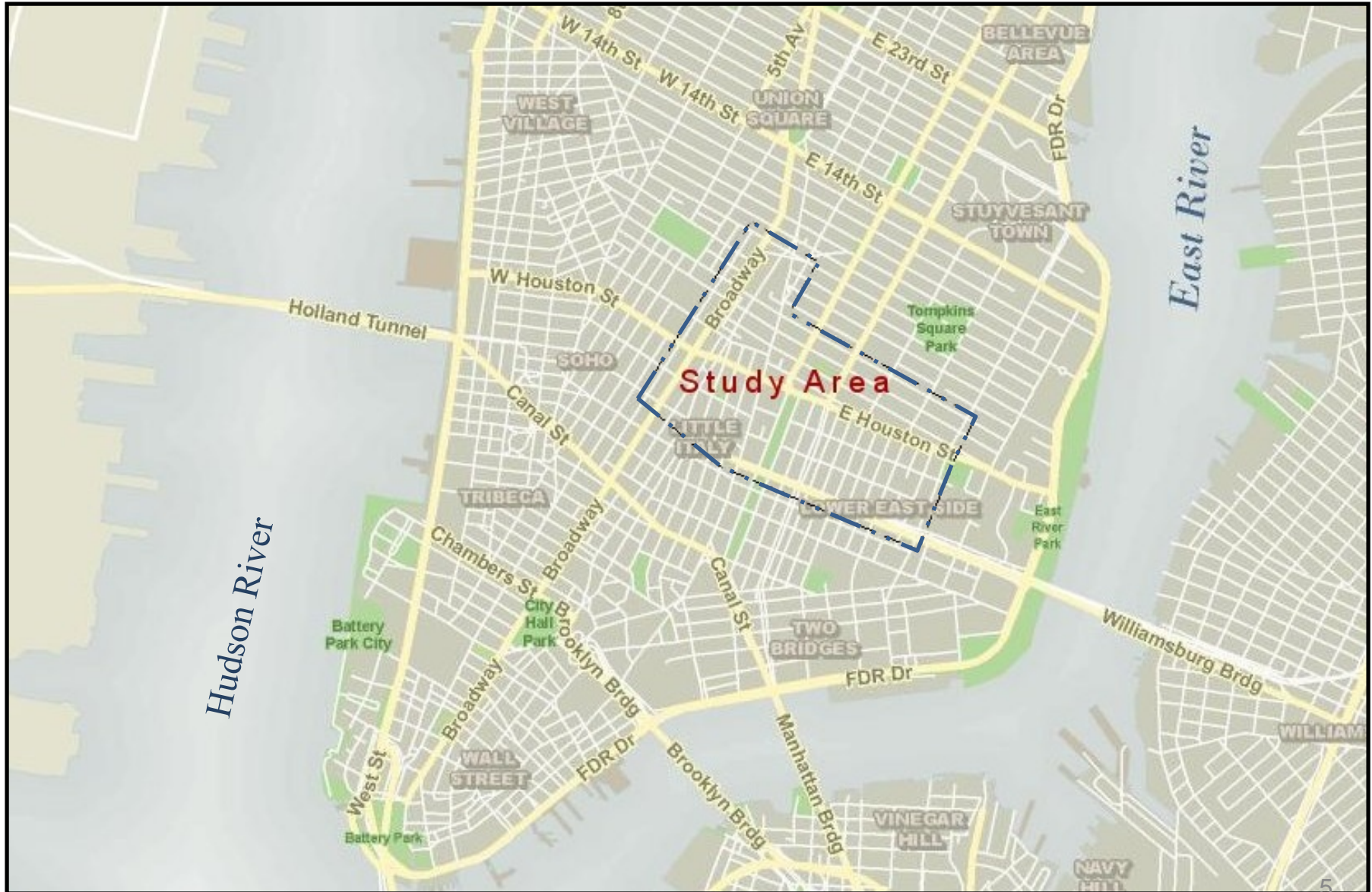
Study Objectives

- To encourage extensive public participation to ensure community input.
- To develop a set of recommendations and improvement measures to reduce vehicular congestion, improve pedestrian access and mobility throughout the study area.
- To evaluate/coordinate recent NYCDOT roadway improvements in the area.

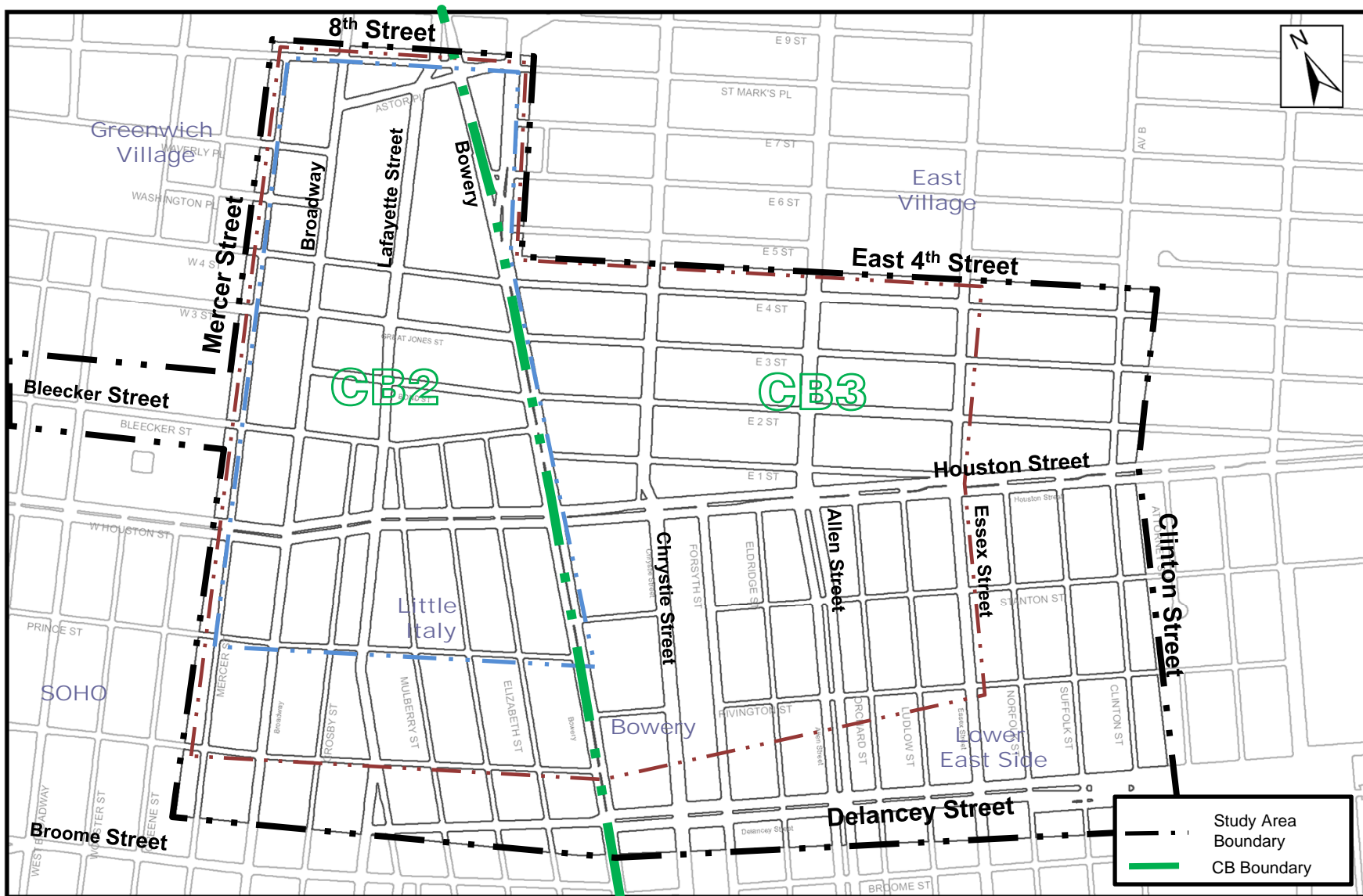
Study Process



Study Area - Broader Context



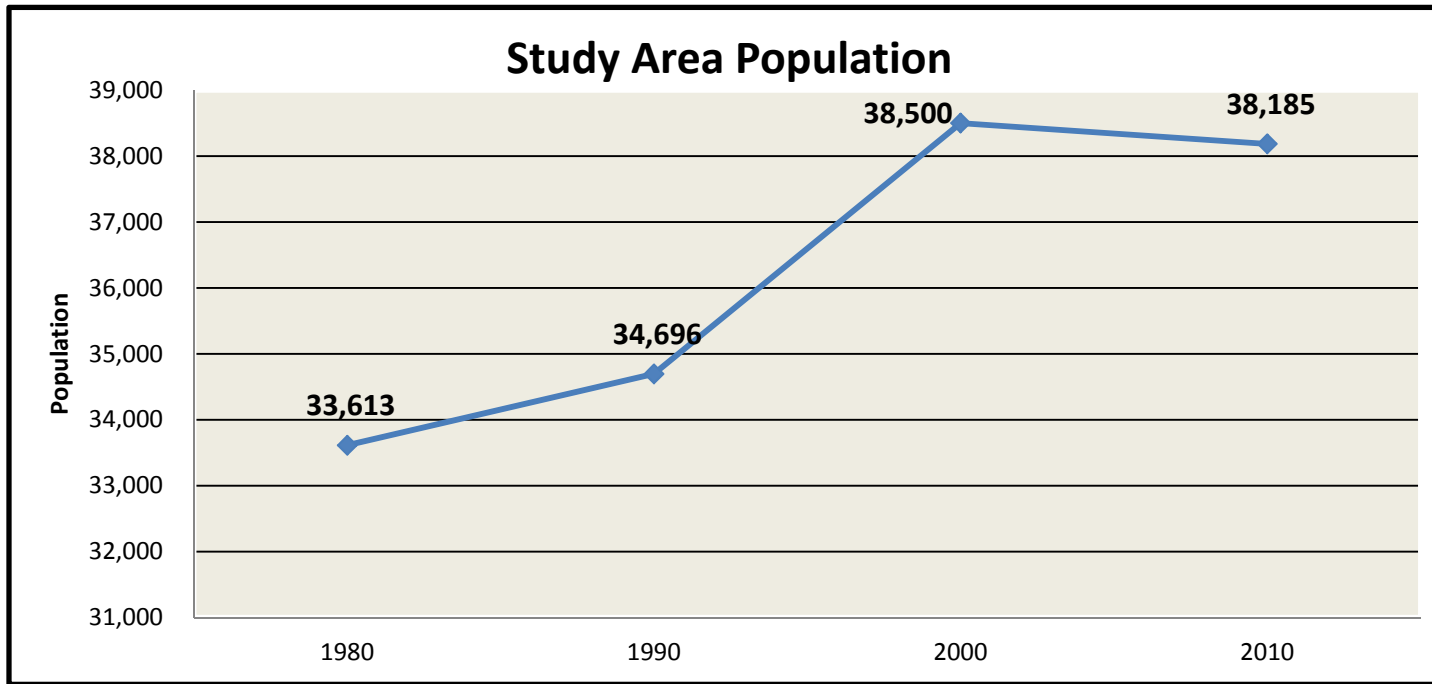
Study Area Boundary



Subjects of Analysis

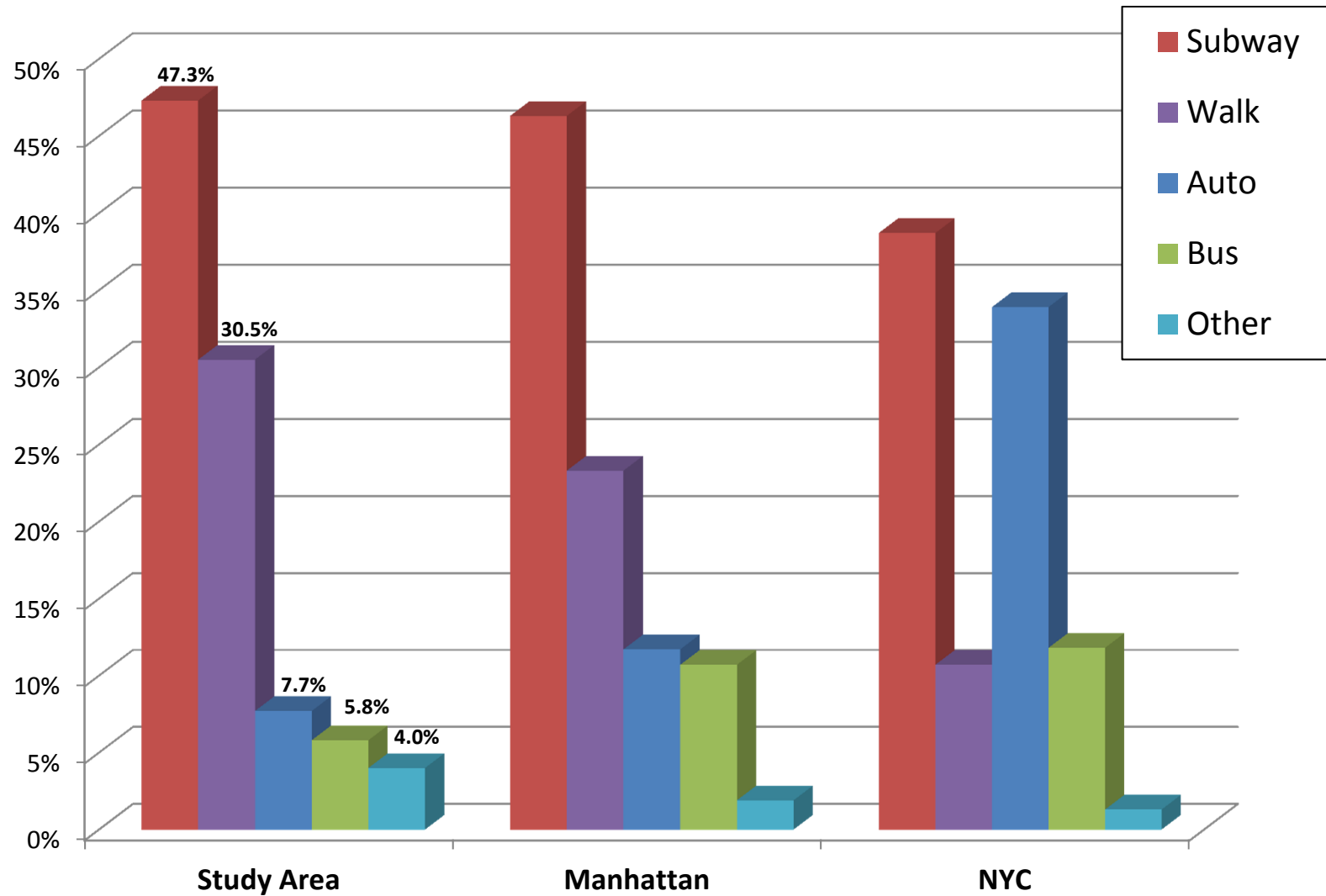
- Demographics
- Zoning & Land Use
- **Traffic**
- **Parking**
- **Pedestrians & Bicycles**
- **Safety**
- Public Transit
- Goods Movement

Demographic/Socio-Economic Data

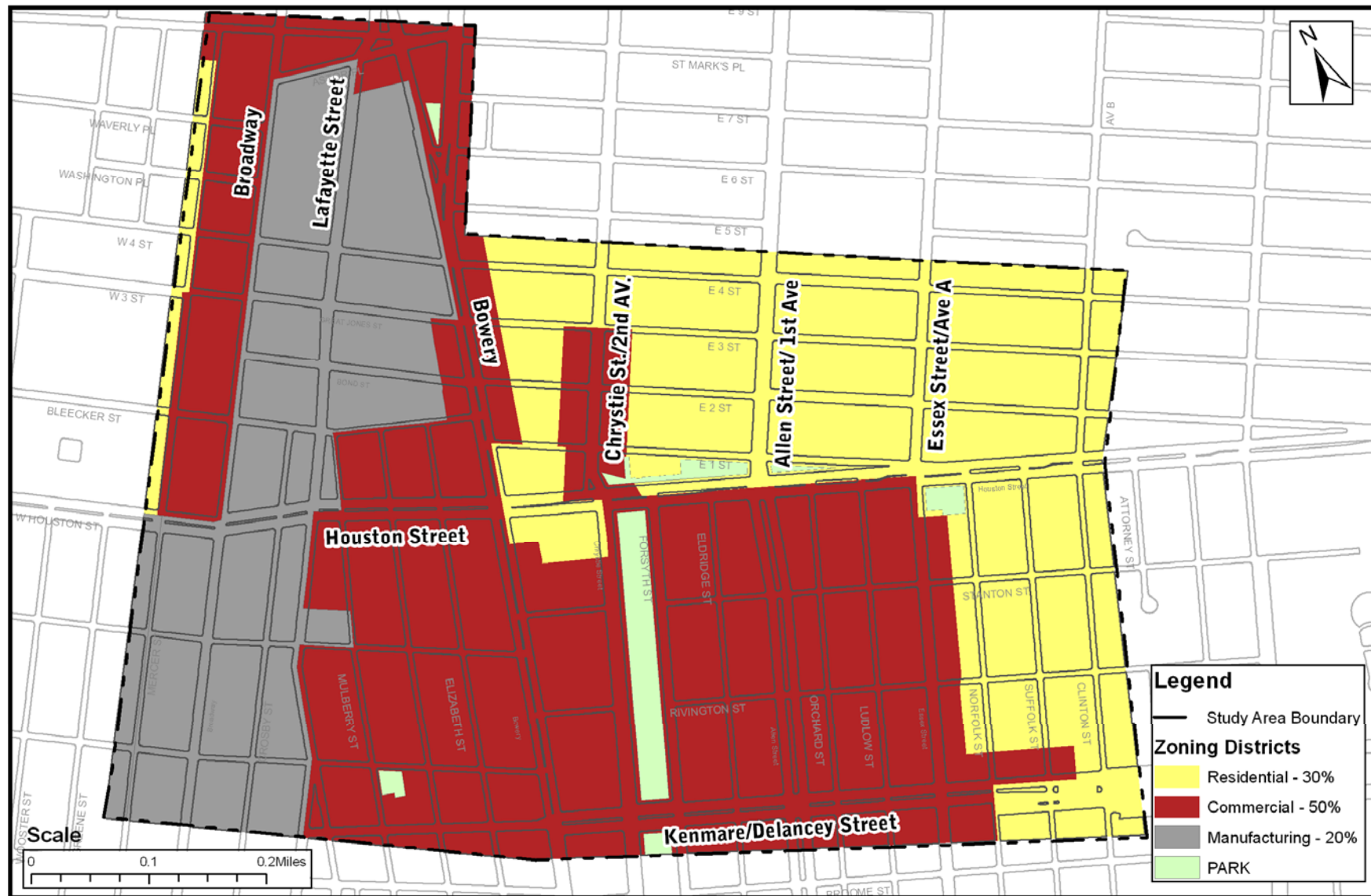


Socio-Economic Characteristics	Study Area	Manhattan
Average Household Size	1.98	2.00
Median Household Income	\$41,557	\$47,030
Vehicles per Household	.19	.26

Journey to Work Mode Share



Existing Zoning



Existing Land Use - Office



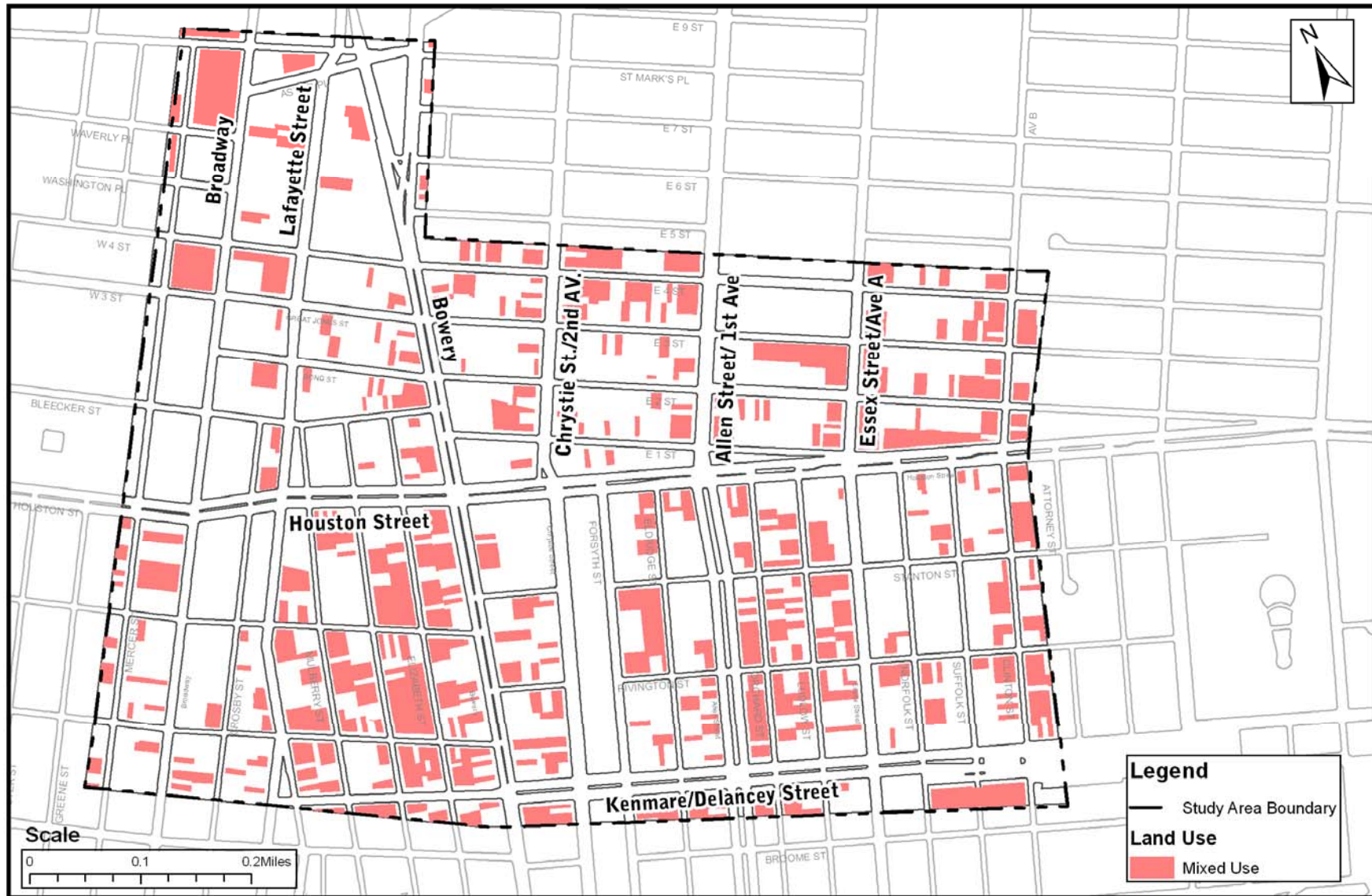
Existing Land Use - Commercial



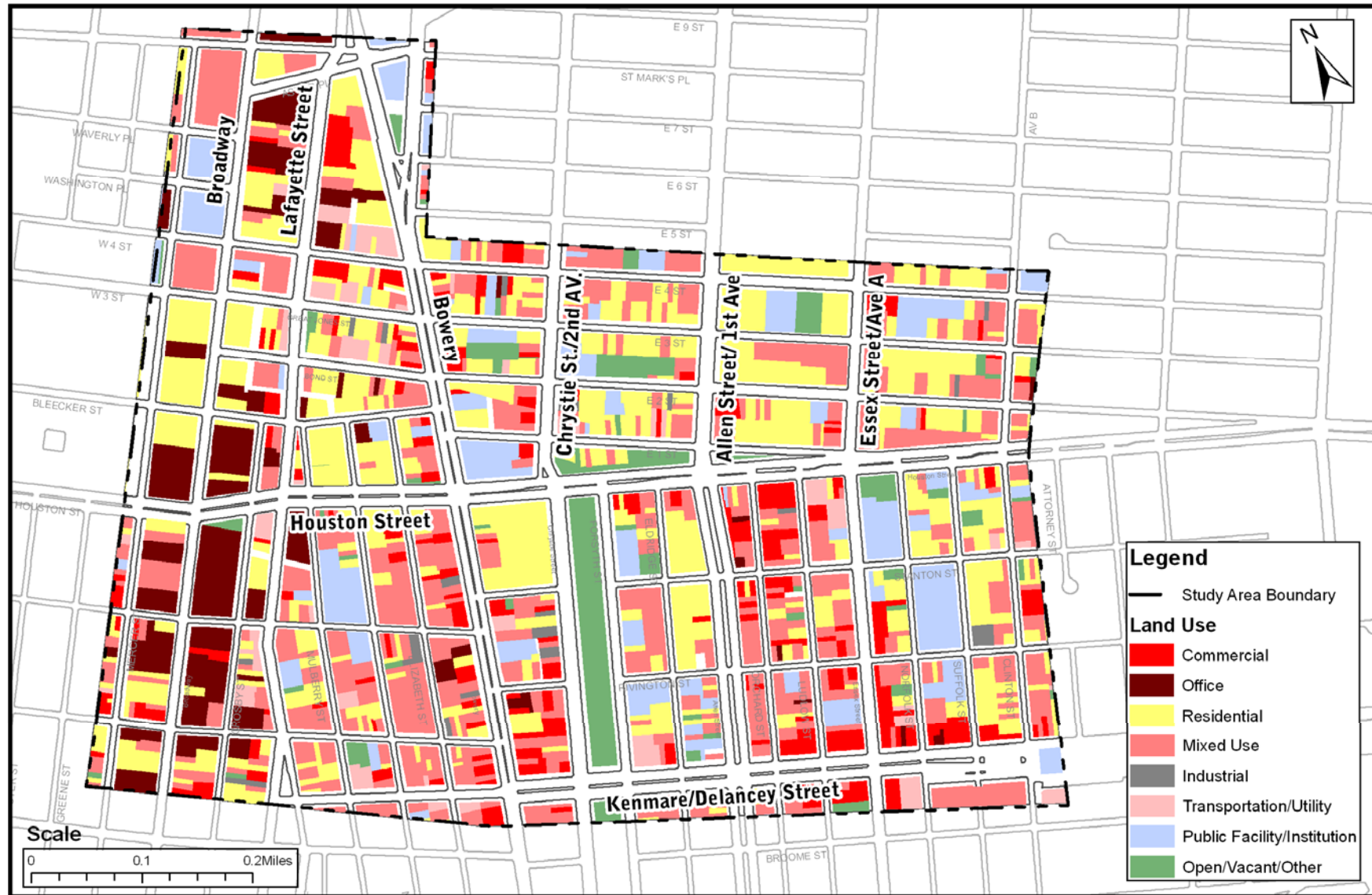
Existing Land Use - Residential



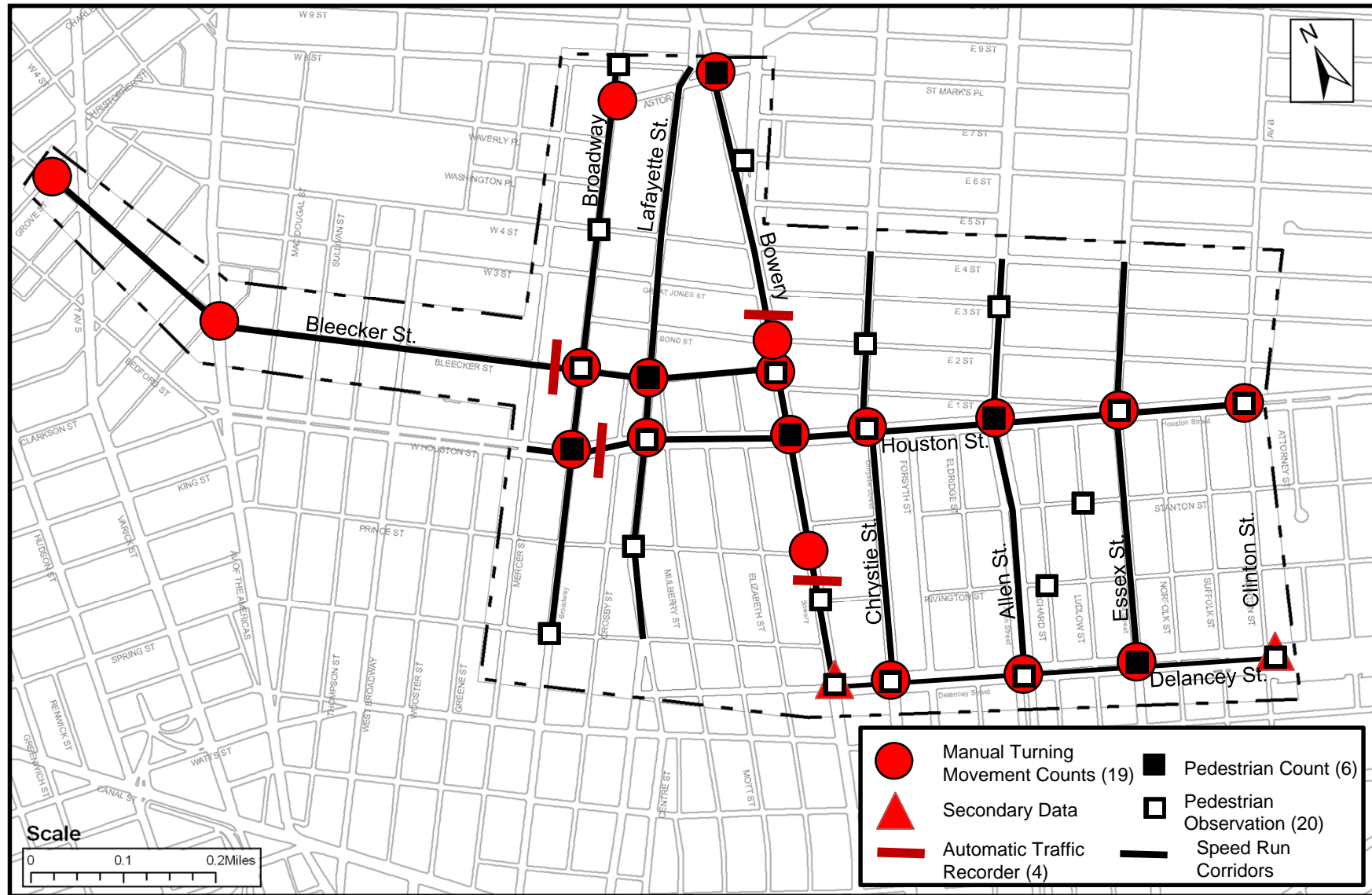
Existing Land Use – Mixed Use



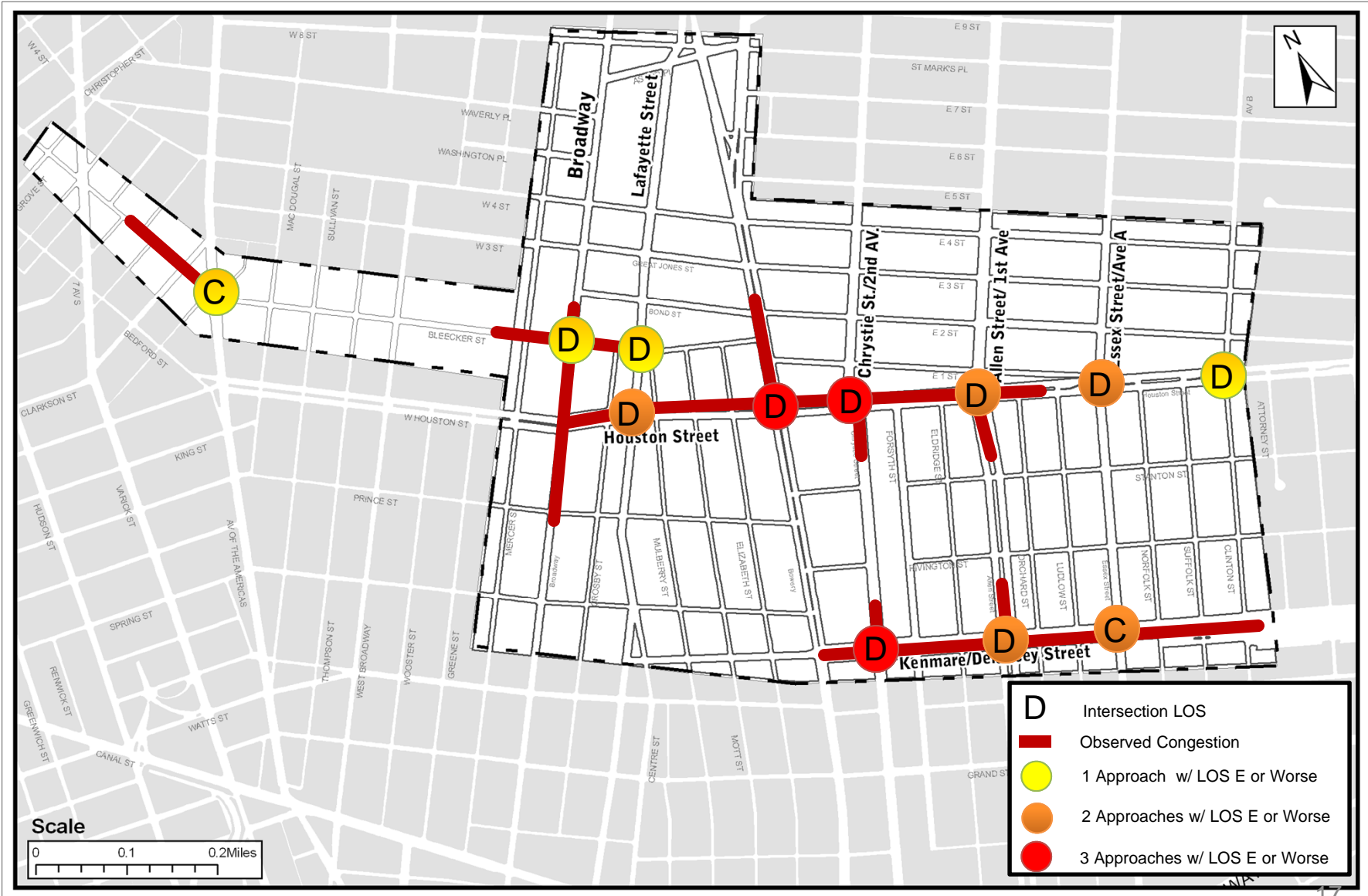
Existing Land Use



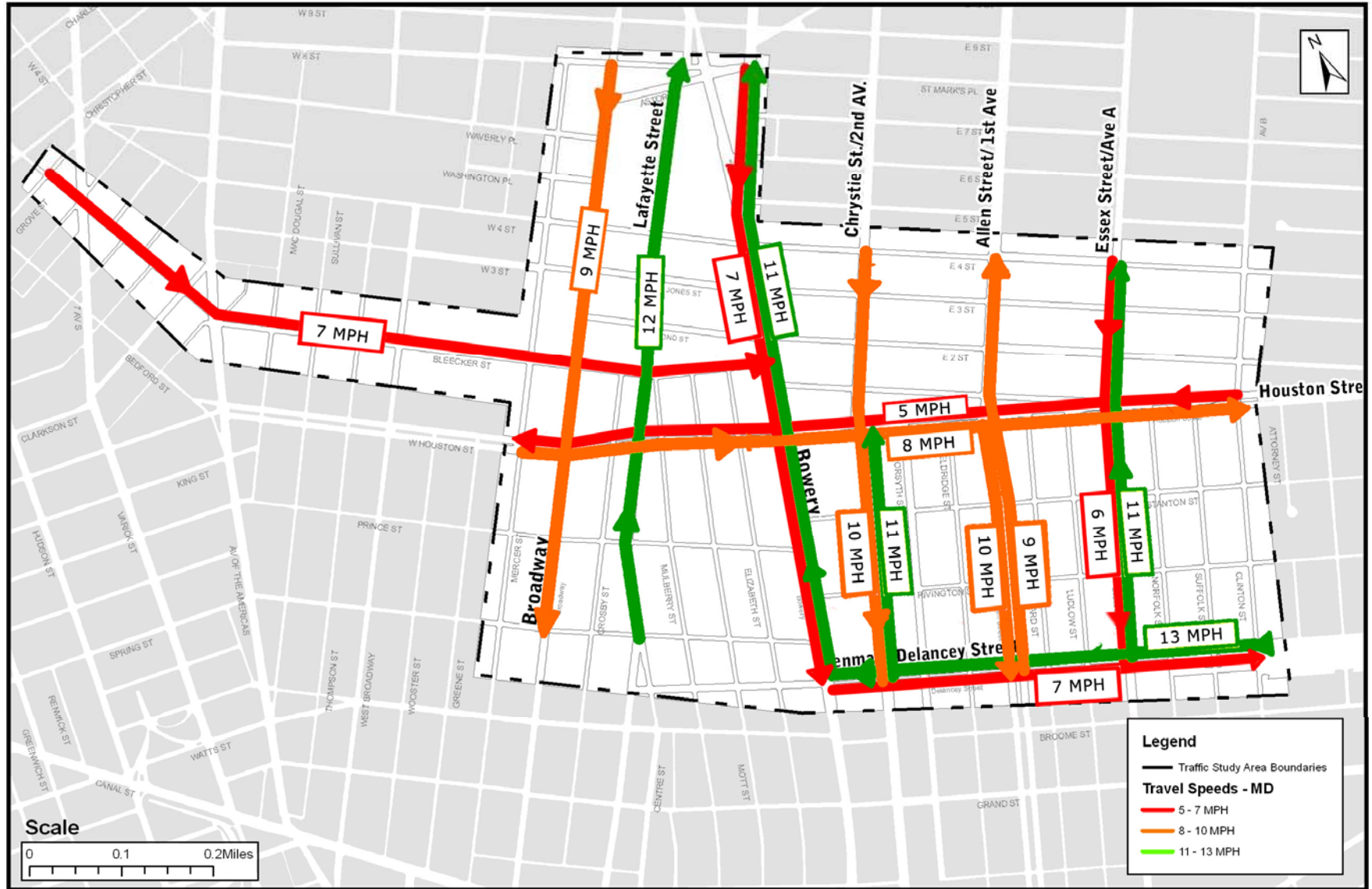
Traffic Data Collection Plan



Intersection/Approach LOS



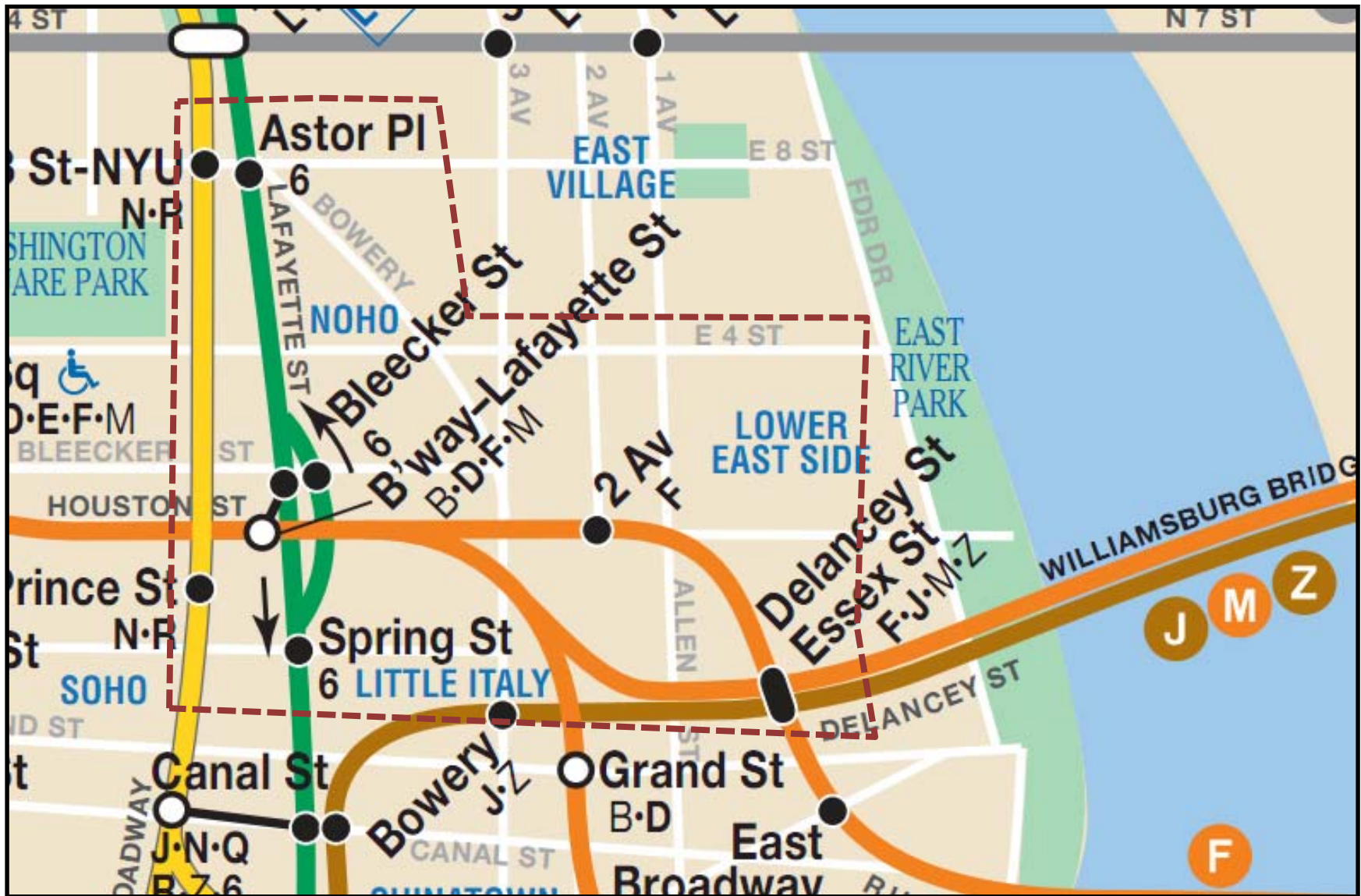
Travel Speeds



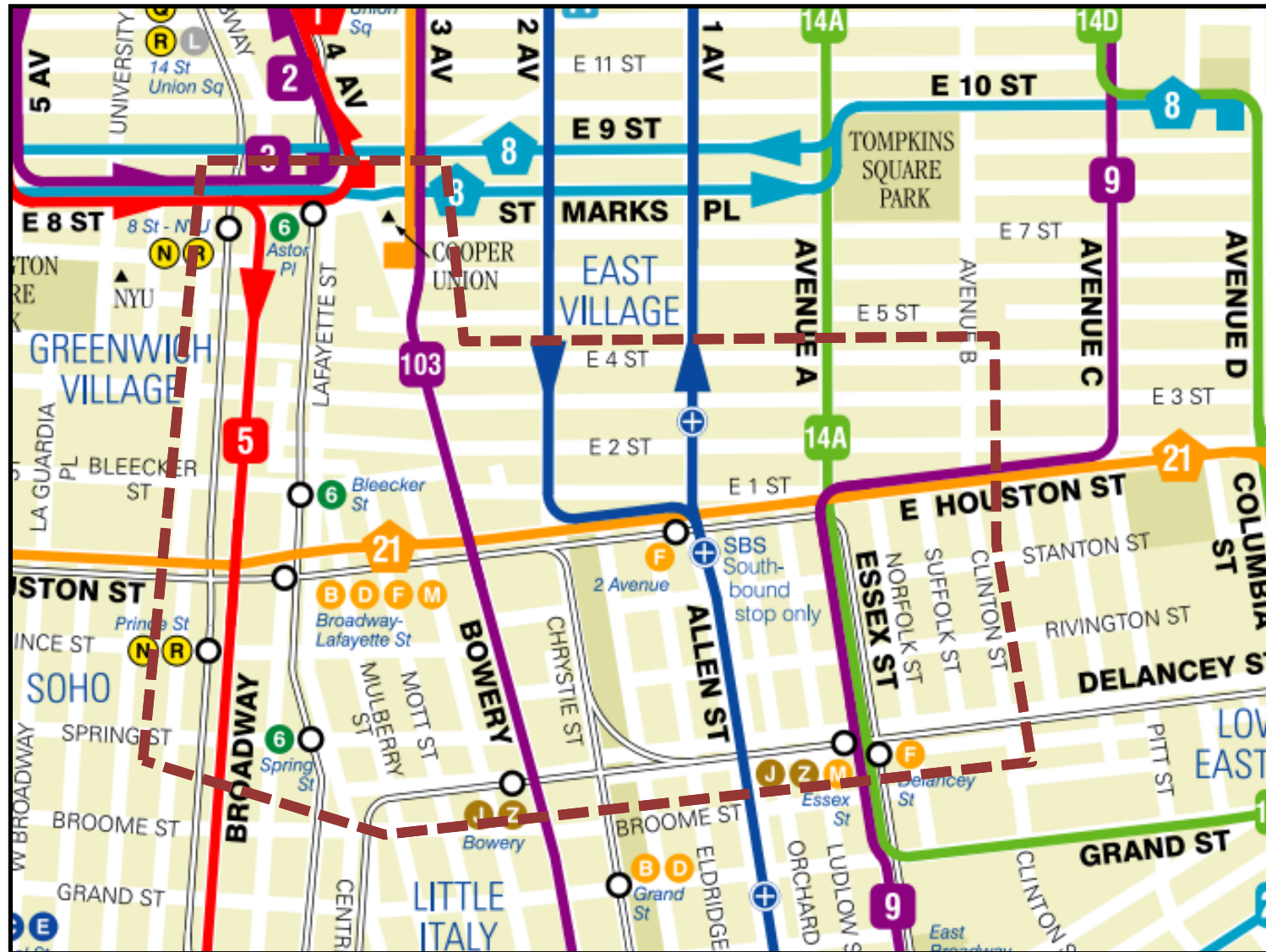
Transit Service

- Six local bus lines
- Nine subway lines accessing nine subway stations
- Every major N/S corridor except Lafayette Street served by bus.
- Houston Street is the only E/W corridor served by bus but is also one of the least used bus lines (M21) in Manhattan

Subway Lines



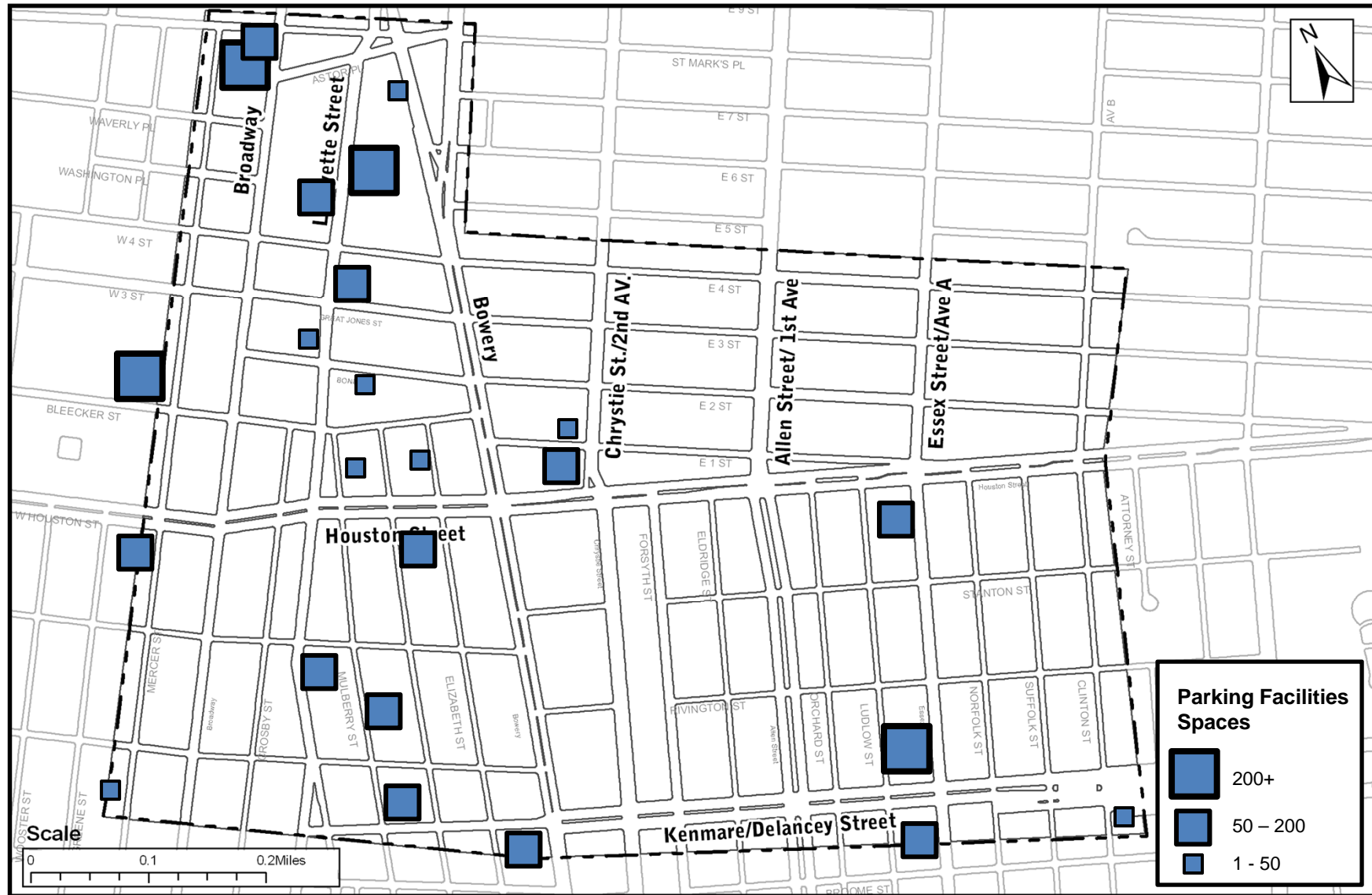
Bus Lines



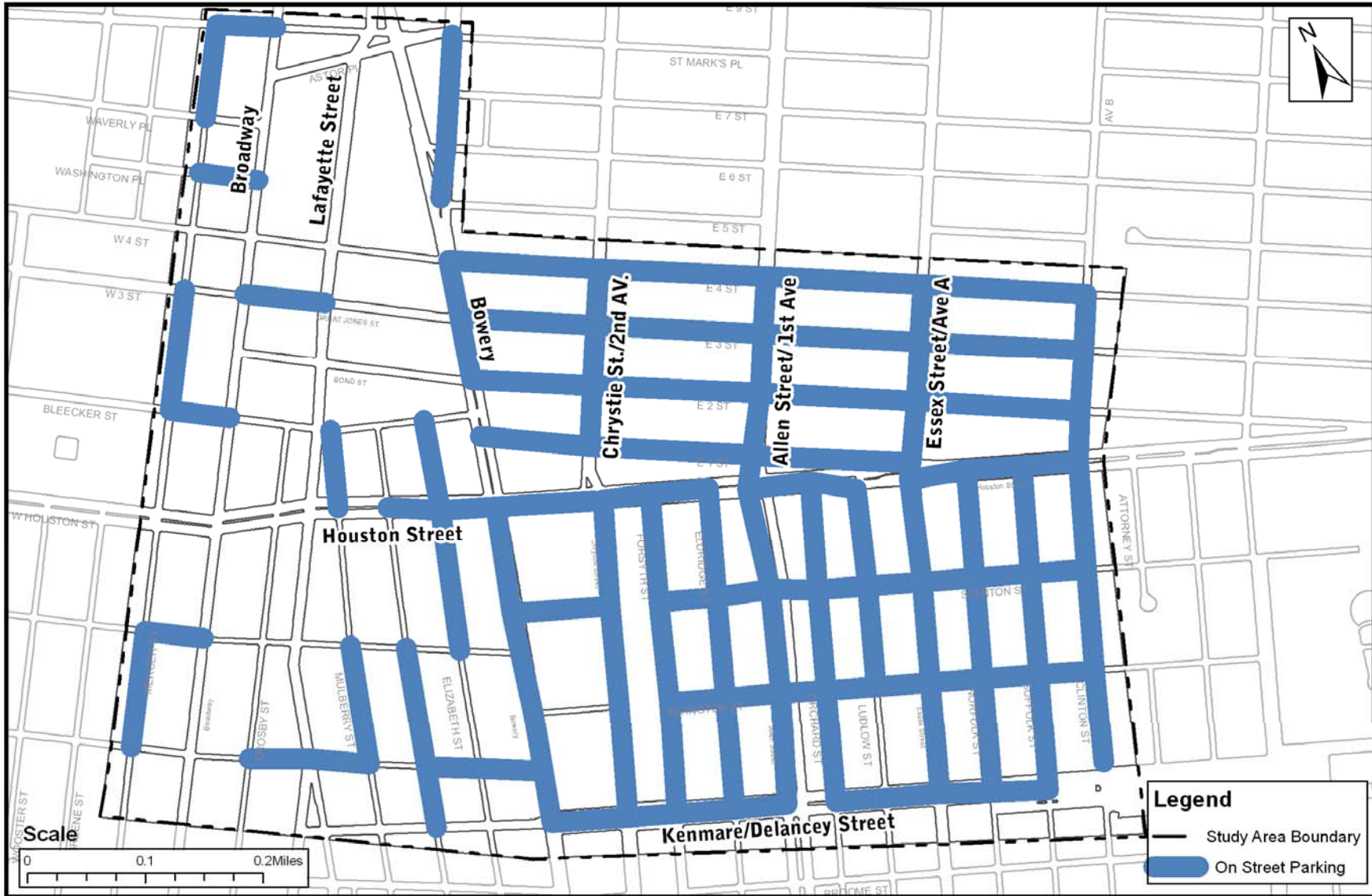
Parking Supply and Demand

	AM	MD	PM
OFF-STREET			
Supply	2,600	2,600	2,600
Demand	1,900	1,975	1,610
Utilization	73%	76%	62%
ON-STREET			
Supply	1,675	2,115	2,140
Demand	1,525	2,155	2,185
Utilization	91%	102%	102%
TOTAL PARKING			
Supply	4,275	4,715	4,740
Demand	3,425	4,130	3,795
Utilization	80%	88%	80%

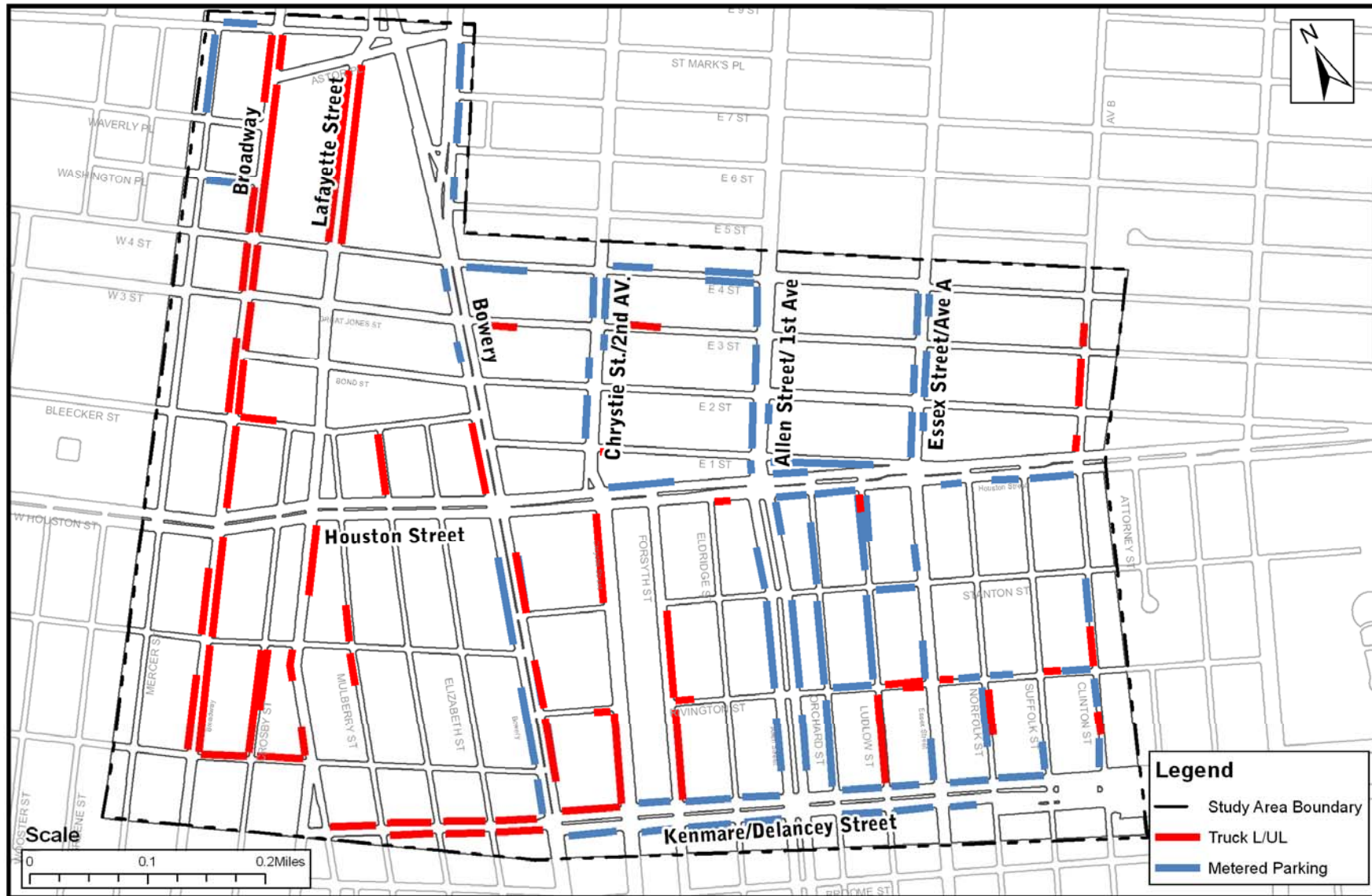
Off Street Parking Facilities



Available On Street Parking

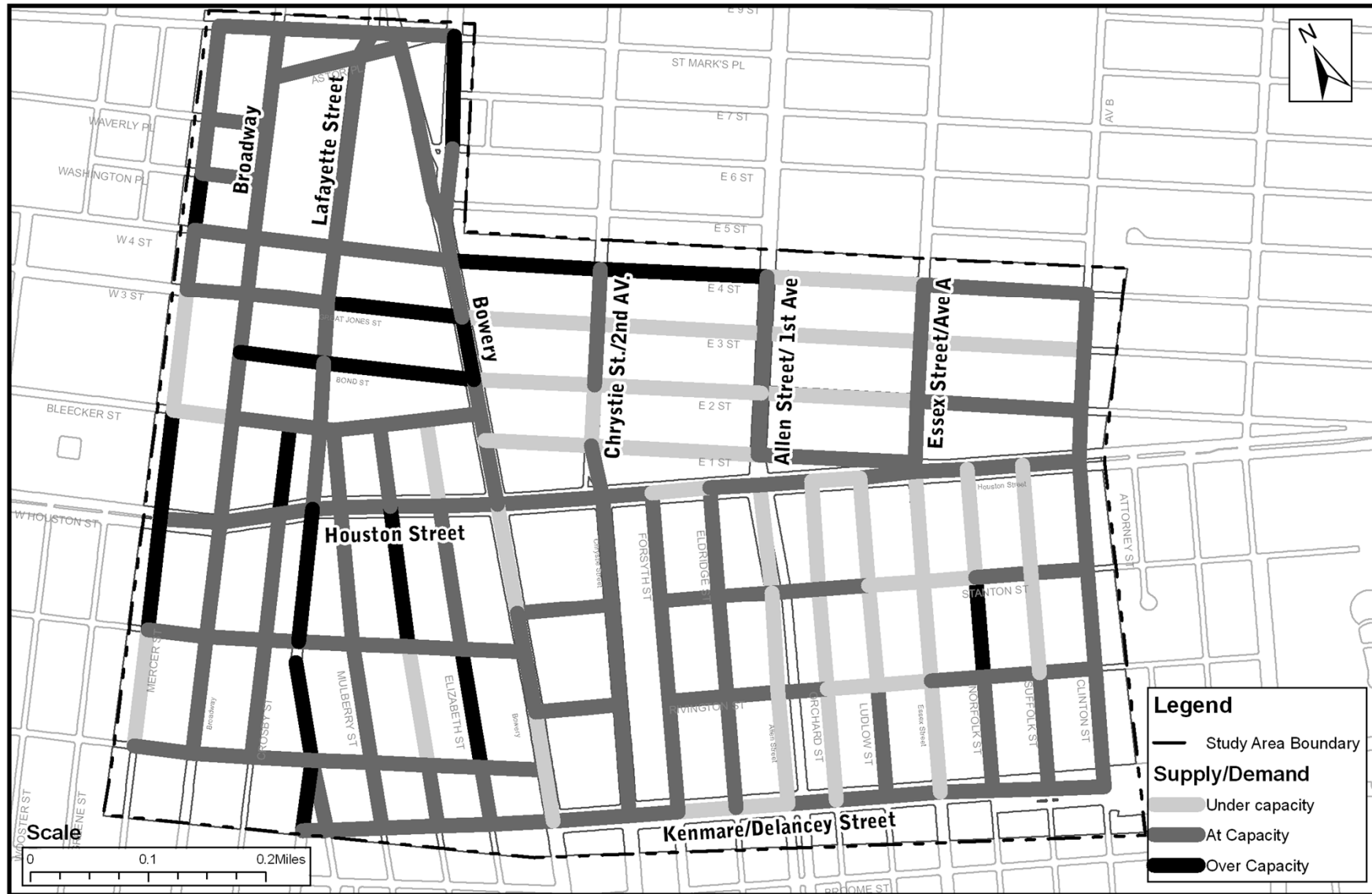


Metered Parking & Truck L/UL

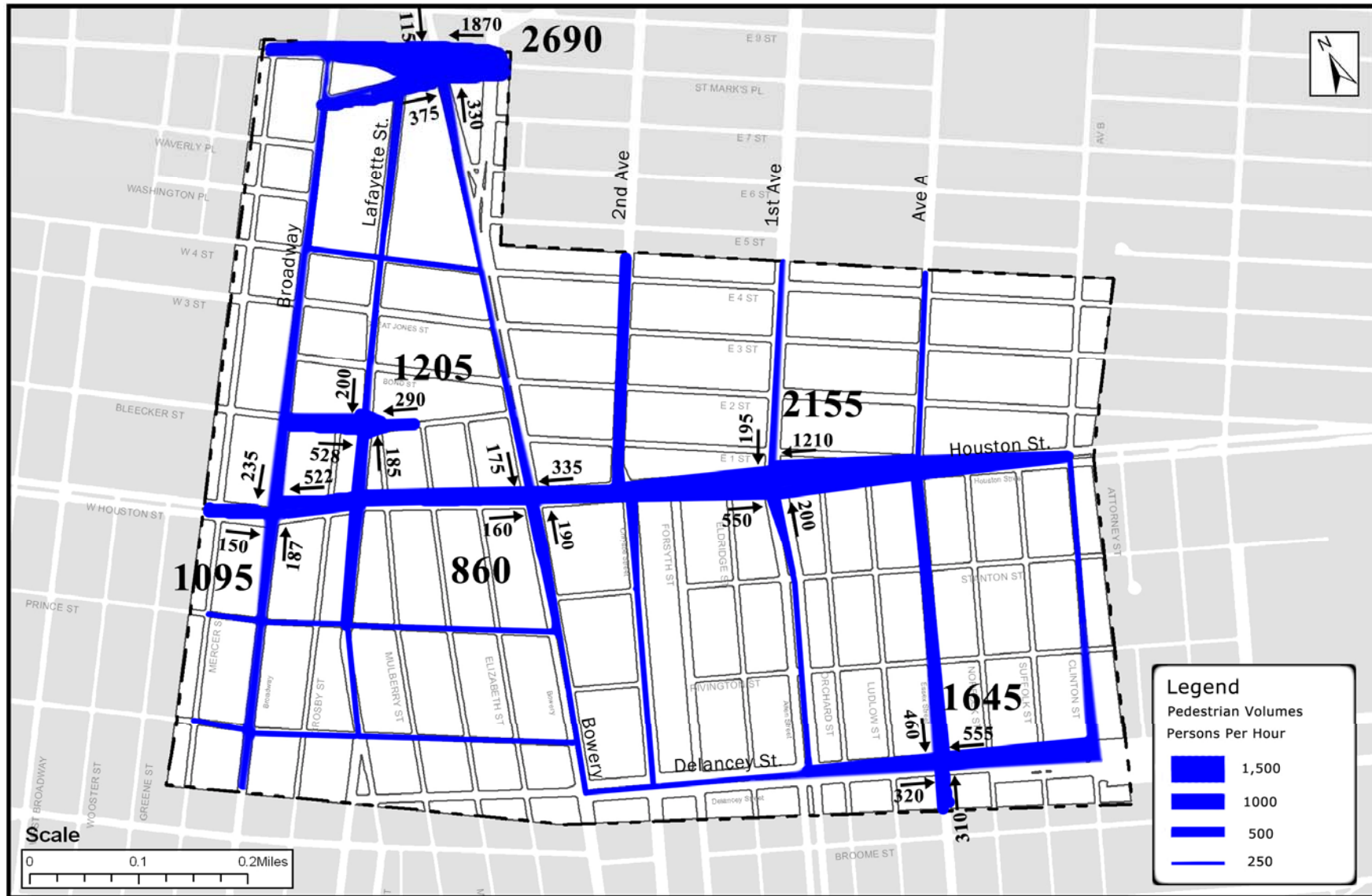


*L/UL – Loading and Unloading

On-Street Parking Supply/Demand (AM)



Pedestrian Volume: AM



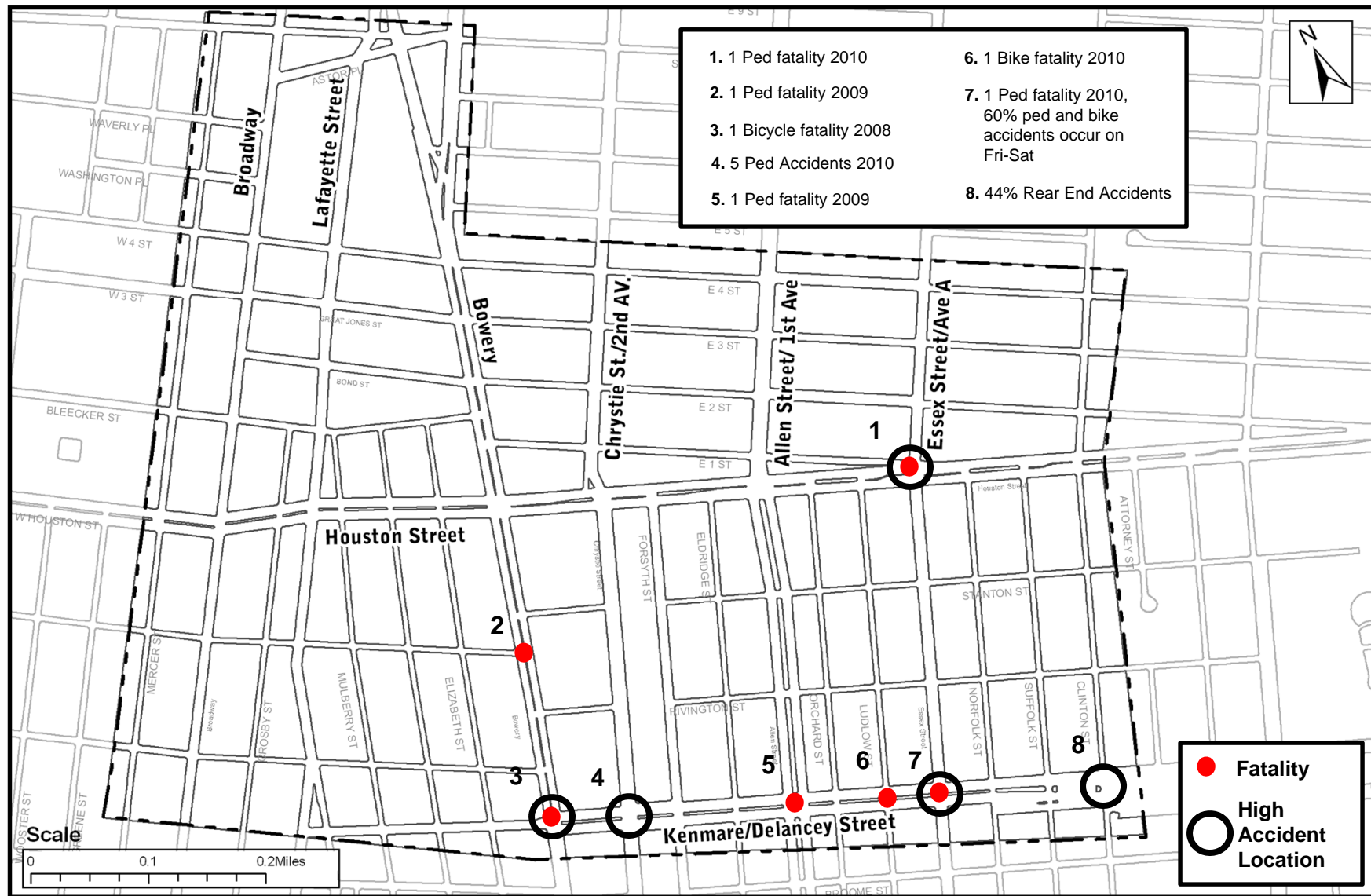
Bicycle Facilities



Bicycle Parking Facilities



Accidents/Fatalities (2008-2010)



Community Issues

- Congestion

- Bowery/Houston Street
- Weekend/Late Night Activities - Congestion & Quality of Life
- Affects Emergency Response Time

- Bicycles & Pedestrians

- Need for Bicycle Parking Analysis
- Improved Medians for Pedestrians
- Cyclists Failing to Observe Traffic Rules

- Study Area

- Expand the Boundaries

- Safety

- Some Intersections Identified as Unsafe for Pedestrians (Seniors and Schoolchildren)
 - Essex St./Delancey St.
 - Houston St./2nd Ave

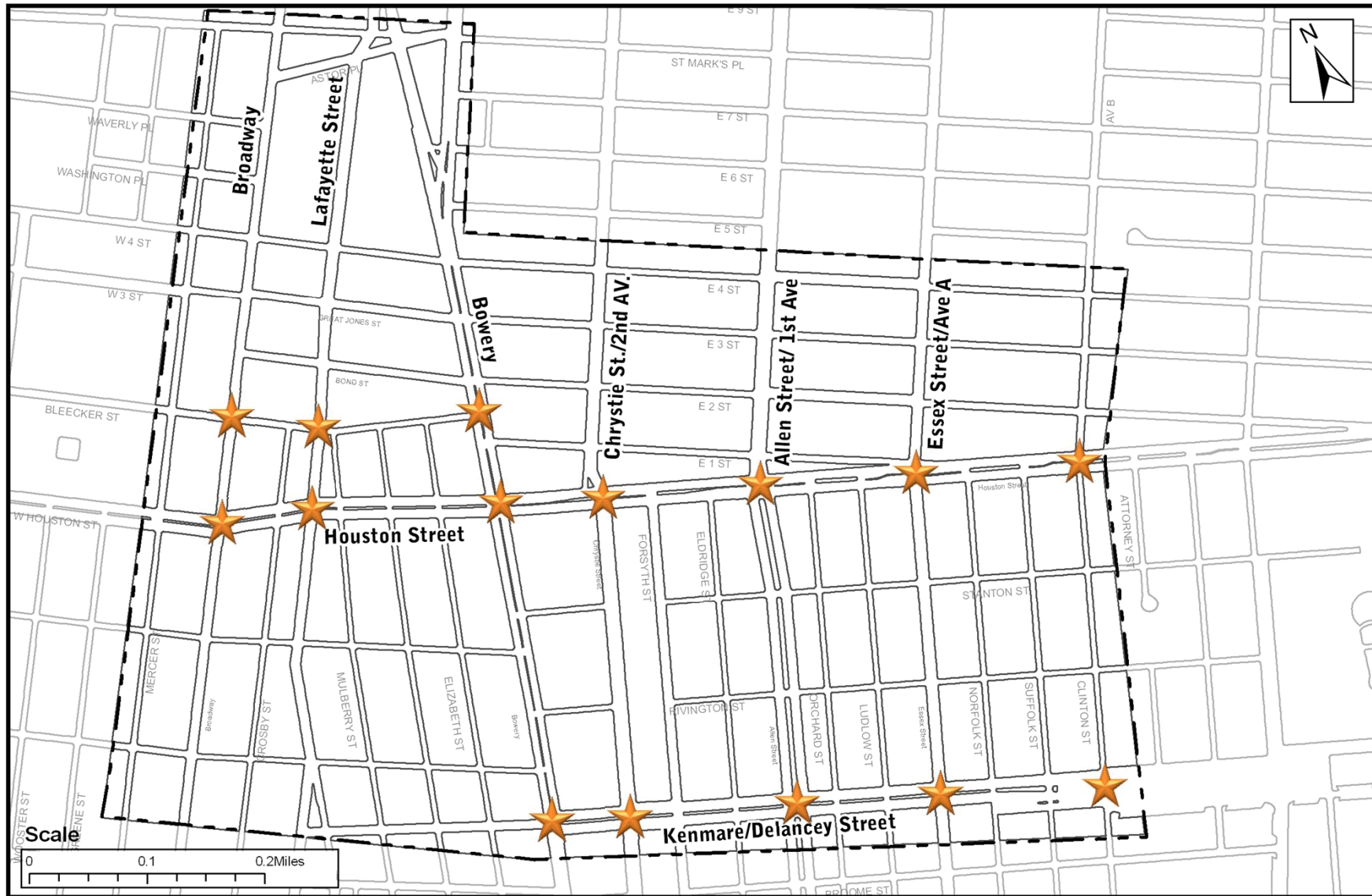
- Parking

- Overnight Regulations do not reflect late night activity

- Construction

- Construction Related Congestion & Safety

Locations for Potential Improvements



DOT Initiatives

- Countdown Signals installed on Delancey St. (Aug 2011)
- Williamsburg Bridge Access Improvements
- Delancey Street Pedestrian Safety Initiative
- E. Houston Street Reconstruction (June 2013)

Next Steps

- Conduct Public Meeting
- Develop Short Term Recommendations
- Conduct Future Conditions Analysis
- Develop Improvement Measures
- Public Outreach
- Draft Report
- Implementation

Schedule

	2010				2011				2012			
	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
	Jan Feb Mar	Apr May Jun	Jul Aug Sep	Oct Nov Dec	Jan Feb Mar	Apr May Jun	Jul Aug Sep	Oct Nov Dec	Jan Feb Mar	Apr May Jun	Jul Aug Sep	Oct Nov Dec
Project Initiation & Literature Search												
Data Collection												
TAC Meetings												
Public Meetings												
Existing Conditions Analysis												
Tech Memo #1: Existing Conditions												
Future Conditions Analysis												
Develop/Evaluate Improvements												
Tech Memo #2: Future Conditions												
Final Report												

Questions and Answers



**Thank
You**