Jackson Heights
Neighborhood Transportation Study – Phase 1

Community Advisory Committee #3
February 9, 2010

Jewish Center of Jackson Heights

Agenda

- Introduction

- Project Update

- Review of CAC Meeting #2

- Fall 2009/Winter 2010 Data Collection & Analysis
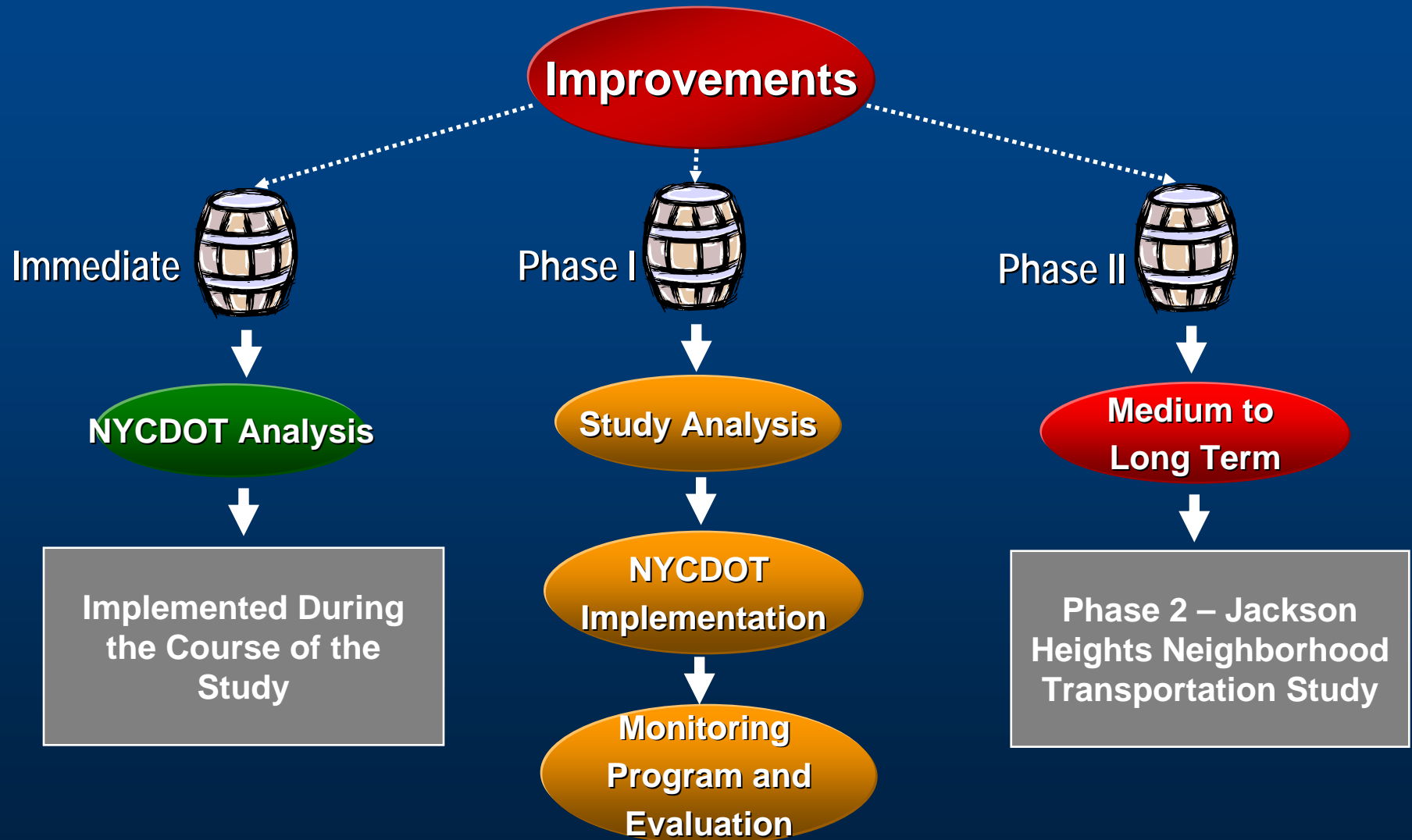
- Community Outreach

- Schedule

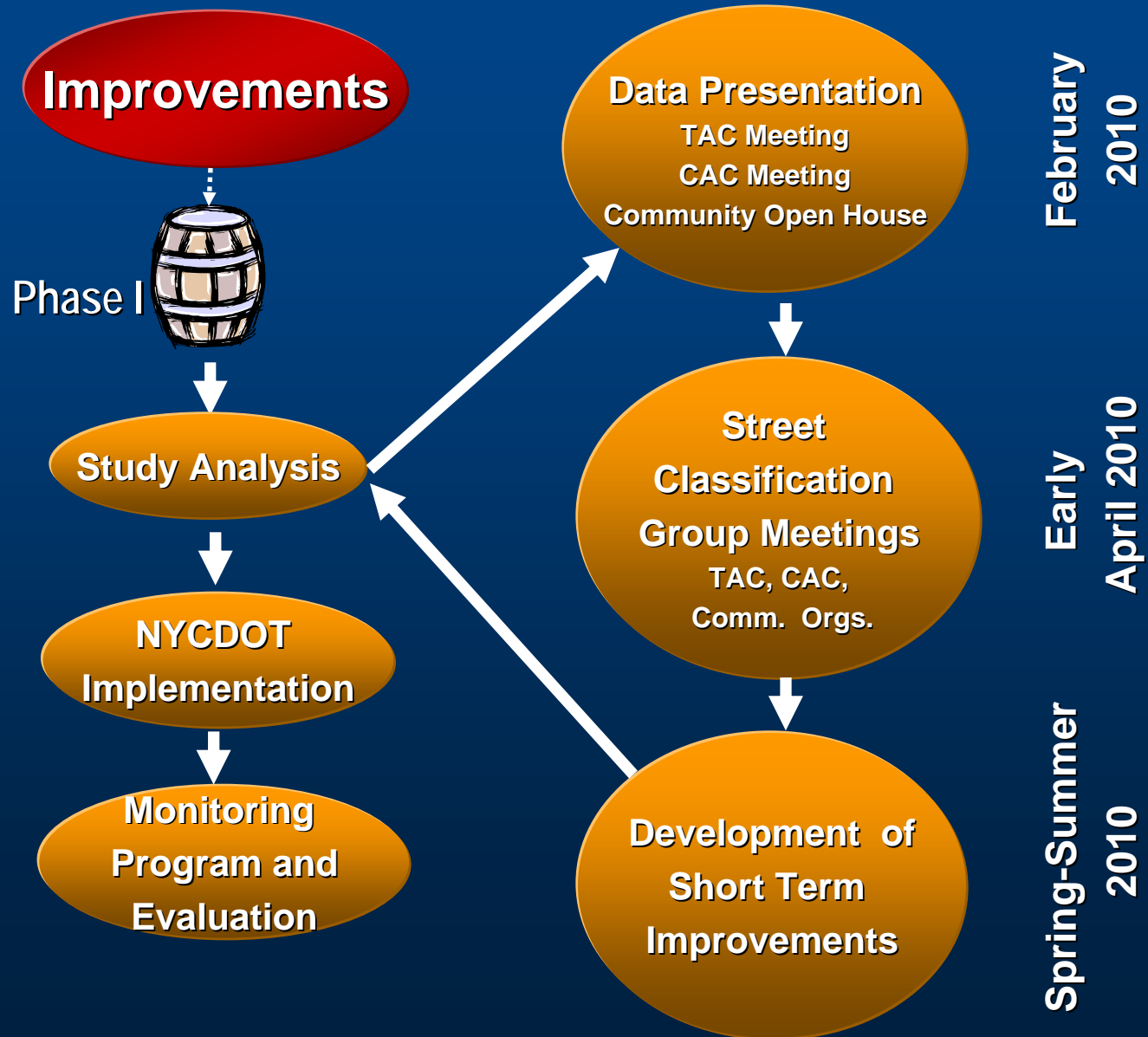- Discussion

Project Update

- Summer 2009 – Issue Identification
  - In collaboration with the TAC, CAC and Community

- Fall 2009 – Data Collection
  - Included Intercept & Red-Light Surveys and Traffic Data Collection

- Winter 2009/2010 – Data Analysis

- Public Outreach
  - Workshop #2 / Open House

Analysis and Implementation of Improvements

Improvements

Immediate

↓

NYCDOT Analysis

↓

Implemented During the Course of the Study

Phase I

↓

Study Analysis

↓

NYCDOT Implementation

↓

Monitoring Program and Evaluation

Phase II

↓

Medium to Long Term

↓

Phase 2 – Jackson Heights Neighborhood Transportation Study

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Next Steps of Study Phase

Improvements

Phase I

Study Analysis

NYCDOT Implementation

Monitoring Program and Evaluation

Data Presentation
TAC Meeting
CAC Meeting
Community Open House

February 2010

Street Classification Group Meetings
TAC, CAC, Comm. Orgs.

Early April 2010

Development of Short Term Improvements

Spring-Summer 2010

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CAC Meeting #2

- Major Discussion Points
  - Issue Identification
    - Pedestrian Triangle – Broadway & Roosevelt Avenue
    - Noise Pollution
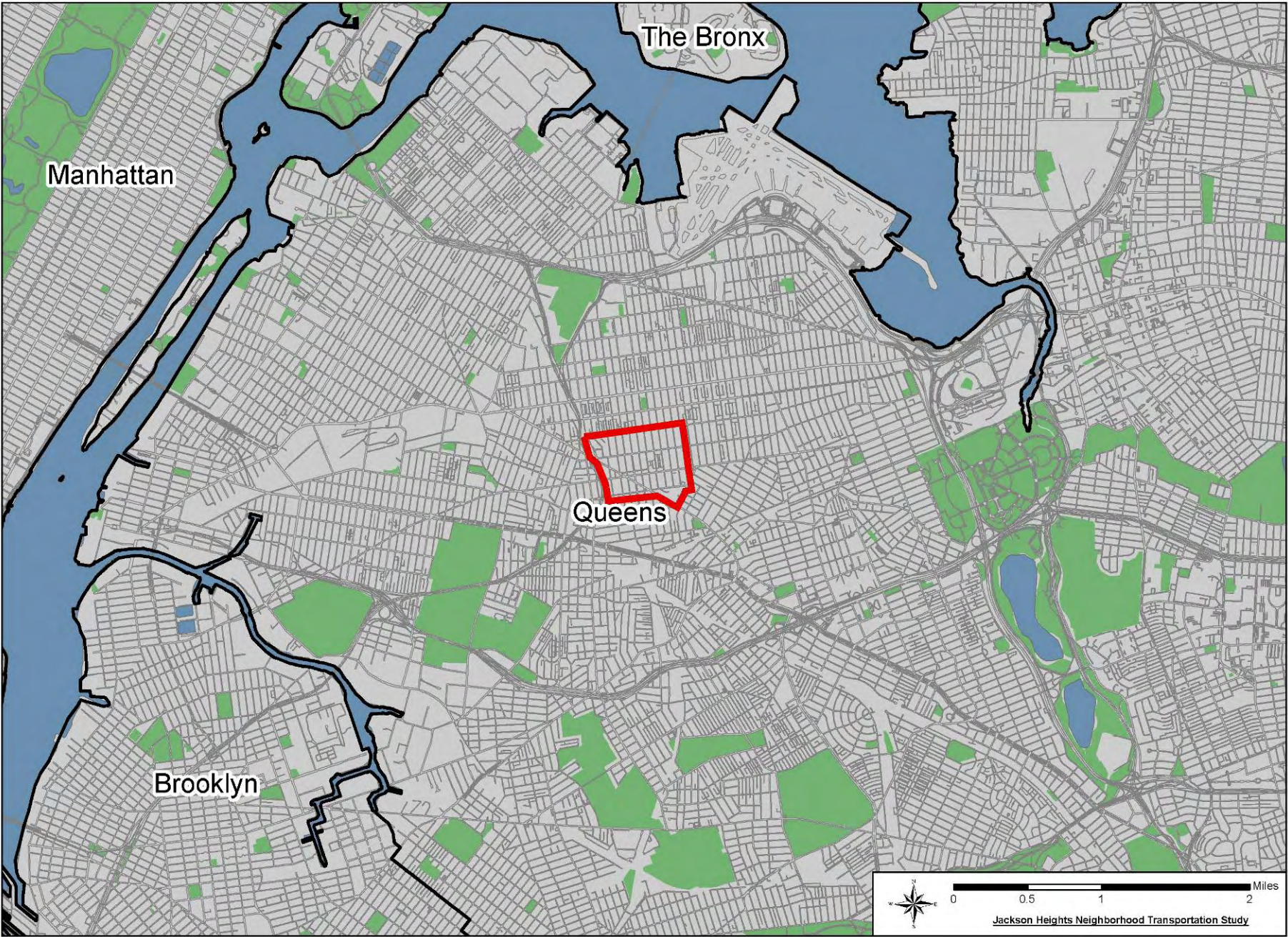   - Merchant/Vendor Issues
  - Community Outreach
  - Other NYCDOT Study Updates
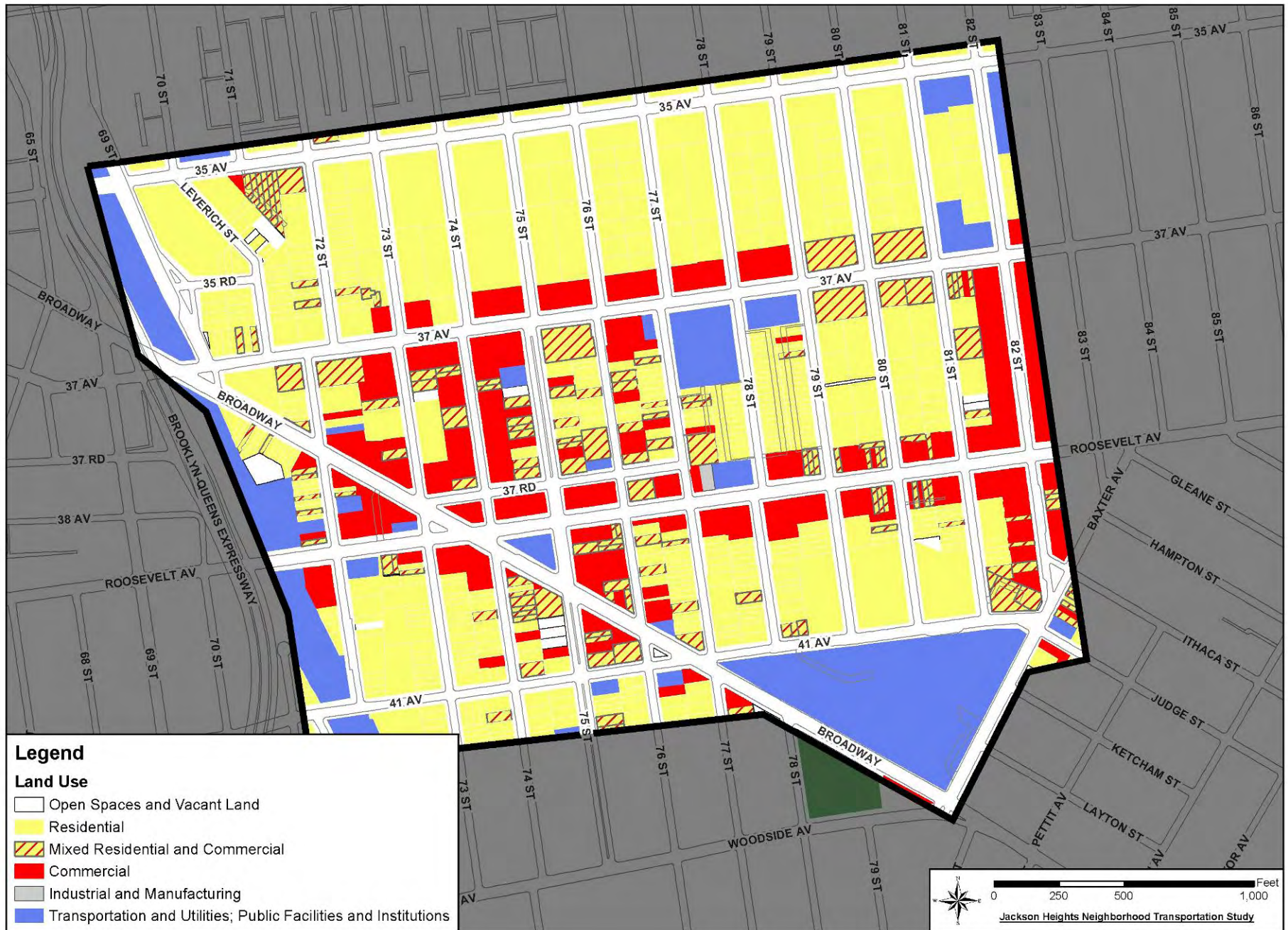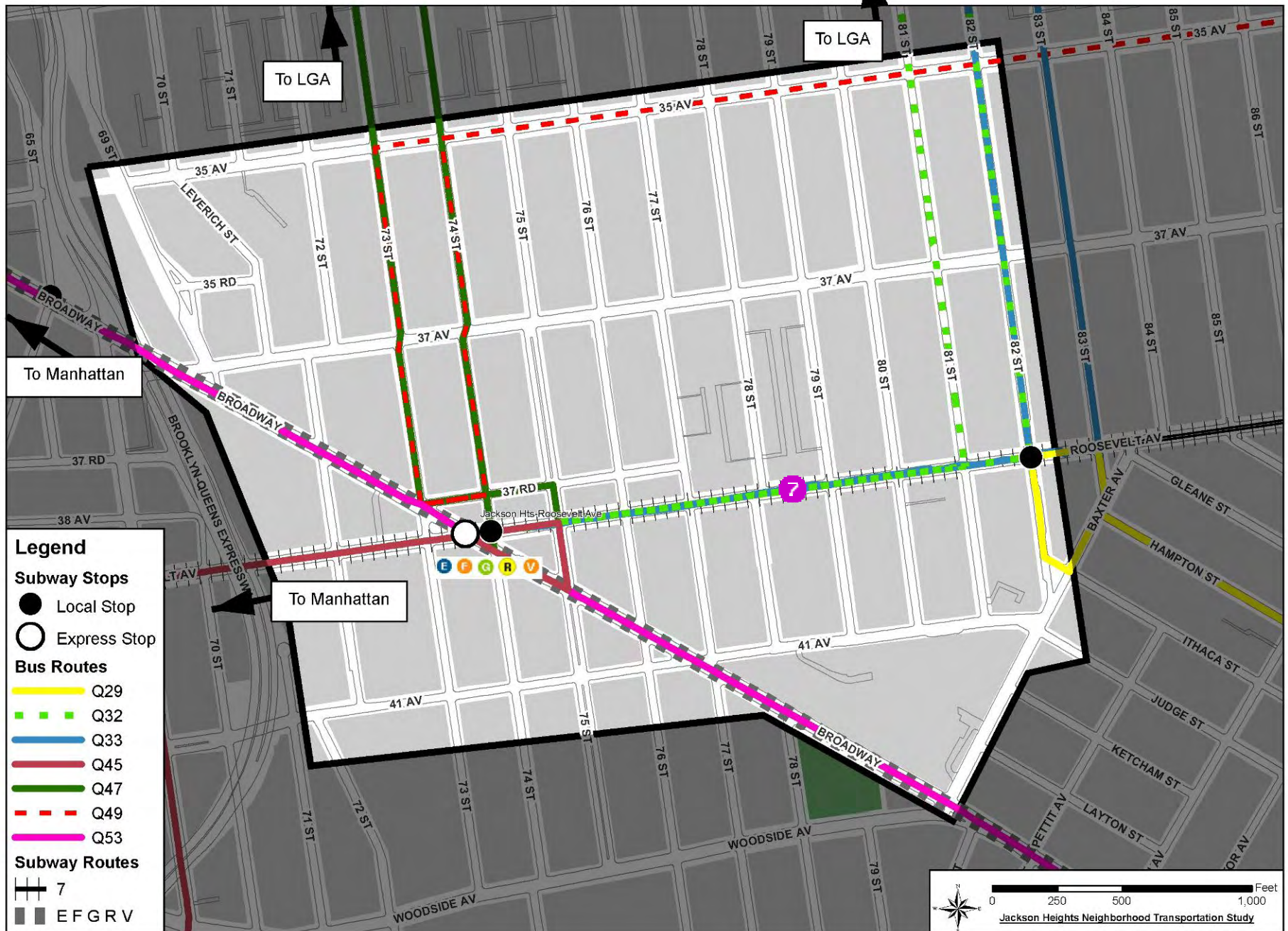   - Safe Routes for Seniors Program

Emphasis Area

The Bronx

Manhattan

Queens

Brooklyn

Miles
0   0.5   1   2

Emphasis Area

Jackson Heights Neighborhood Transportation Study

Land Use

Legend

Land Use

- ⬜ Open Spaces and Vacant Land
- 🟨 Residential
- 🟧 Mixed Residential and Commercial
- 🟥 Commercial
- ⬜ Industrial and Manufacturing
- 🟦 Transportation and Utilities; Public Facilities and Institutions

Jackson Heights Neighborhood Transportation Study

Transportation Network
Study Area

Northern Blvd.

34th Avenue

80th Street

81st Street

Junction Blvd.

Roosevelt

Broadway

I-278

41st Avenue

Ithaca Street

Judge Street

Legend

Roadway and Connections to Transportation Network

— Through Truck Route

— Local Truck Route

— Bike Lane, Class 2

▪ ▪ ▪ Planned / Proposed Bike Lane

Feet

0   500   1,000   2,000

Jackson Heights Neighborhood Transportation Study

Transit Network

Jackson Heights Neighborhood Transportation Study

Legend

Subway Stops
- ● Local Stop
- ○ Express Stop

Bus Routes
- Q29
- Q32
- Q33
- Q45
- Q47
- Q49
- Q53

Subway Routes
- 7
- E F G R V

- ## Parking Violations

Double Parked Delivery Trucks (73rd Street)

Double Parked Private Vehicles (37th Avenue)

Illegally Parked or Standing Vehicles (82nd Street bet. 35th & 37th Avenues)

- Vehicle Congestion Impede Mobility

Pedestrian/Vehicle Conflicts

(37th Avenue)

Circling Livery Cabs Contribute to Congestion
(Roosevelt Avenue)

Traffic Queues Block Intersections
(73rd Street)

- Bottlenecks & Conflicts with Vehicles Impede Pedestrian Flow & Lead to Safety Issues

Delivery Trucks Reduce Pedestrian Walkway & Obstruct Pedestrian Flow (37th Avenue)

Street Vendors Reduce Pedestrian Walkway & Obstruct Pedestrian Flow (Roosevelt Avenue)

Pedestrian/Vehicle Conflicts (Roosevelt Avenue)

Mid-Block Crossing (Roosevelt Avenue at Victor Moore Bus Terminal)

Summary of Identified Issues: Transit

- Congestion Slows Bus Service

- No Bus Lanes in Study Area

- Bus Layover Displaces Parking & Interferes with Loading

Bus Layover (75th Street)

- Bus Turning Conflicts
  - Difficult for Buses to Make Right Turns at 82nd Street & Roosevelt Avenue Due to Heavy Pedestrian Traffic
  - Difficult for Buses to Turn From Bus Terminal onto Broadway

Summary of Identified Issues: Quality of Life

- Pollution
  - Noise: Horn Honking, Elevated Train
  - Air Pollution: Bus Fumes
  - Litter
- Broken Curbs
- Pigeon Waste
- Poor Lighting

Sidewalk Litter & Pigeon Waste

Elevated Train (Roosevelt Avenue)

Data Collection and Observations

- Data Collection
  - Parking
  - Travel Time
  - Turning Movements
  - Traffic Volumes
  - Pedestrian Volumes

- Observation
  - Peak Hour Weekday: 5:00 pm-6:00 pm
  - Peak Hour Weekend: 5:15 pm-6:15 pm

Average Travel Speed Data Collection

Legend

— Peak Hour Travel Speed Data Collected

- - - No Travel Speed Data Available

Jackson Heights Neighborhood Transportation Study

Parking Occupancy Data Collection
Weekend Peak Hour

Legend
- – – No Data Collected
- ▬ Parking Survey (various sources)

Feet
0   250   500   1,000

Jackson Heights Neighborhood Transportation Study

35 AV
37 AV
ROOSEVELT AV
BROADWAY
37 AV
37 RD
38 AV
ROOSEVELT AV
41 AV
WOODSIDE AV
WOODSIDE AV

BROOKLYN-QUEENS EXPRESSWAY

65 ST
67 ST
68 ST
69 ST
69 ST
70 ST
70 ST
71 ST
71 ST
72 ST
73 ST
74 ST
75 ST
76 ST
77 ST
78 ST
78 ST
79 ST
79 ST
80 ST
81 ST
82 ST
83 ST
84 ST
85 ST
86 ST

BAXTER AV
GLEANE ST
HAMPTON ST
ITHACA ST
JUDGE ST
KETCHAM ST
LAYTON ST
PETTIT AV

Pedestrian Data Collection

Legend

● Peak Hour Data Collected

Jackson Heights Neighborhood Transportation Study

Compiled Data
Weekend Peak Period

Jackson Heights Neighborhood Transportation Study

Compiled Data
Weekend Peak Period

Jackson Heights Neighborhood Transportation Study

Compiled Data
Weekend Peak Period

Jackson Heights Neighborhood Transportation Study

Feet
0   250   500   1,000
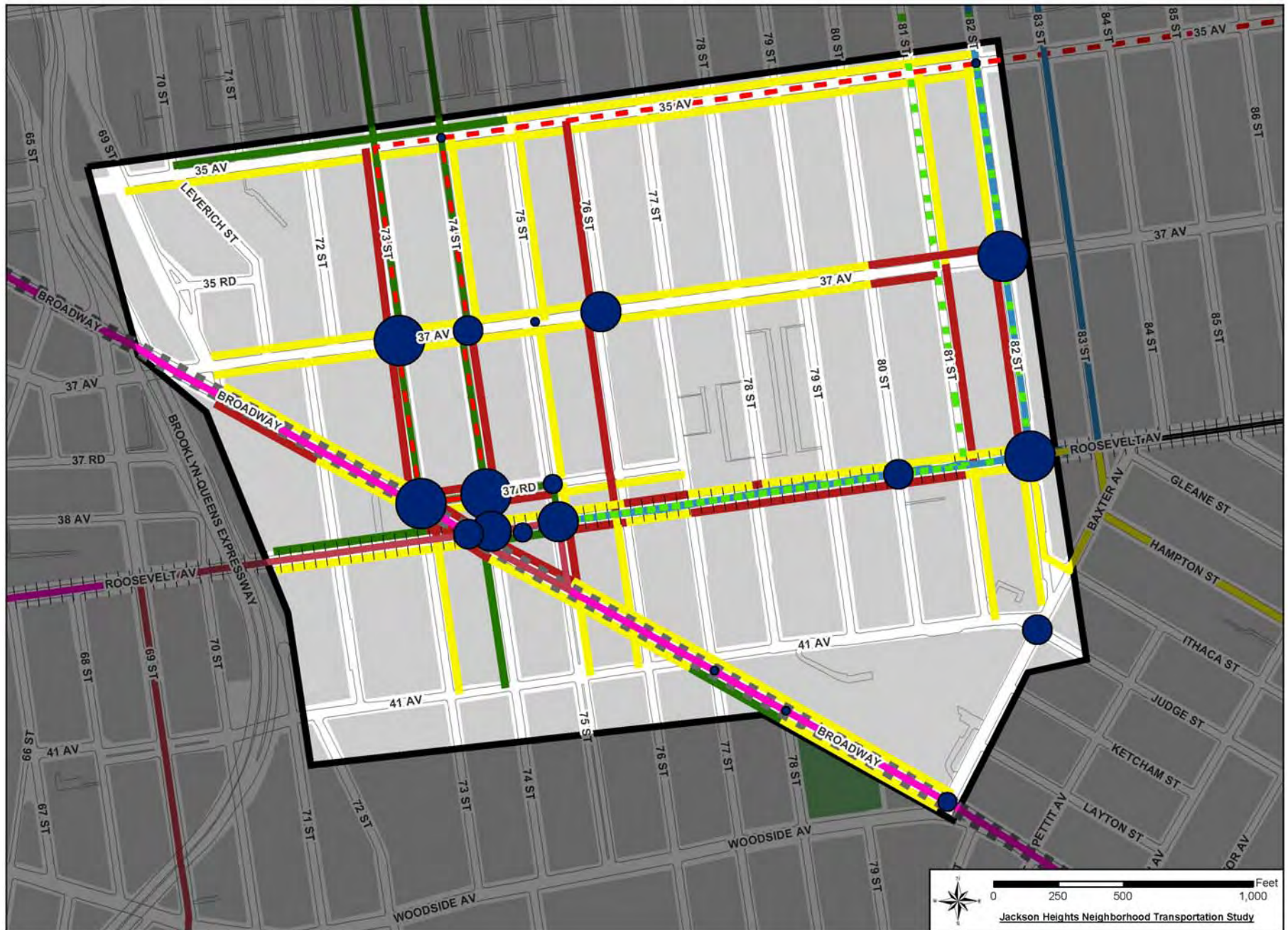
Summary of Observations

- Multiple Needs
    - Retail
    - Commercial
    - Residential
    - Institutional

- Multiple Modes
    - Pedestrian and Bikes
    - Passenger and Commercial Vehicles
    - Transit (Bus / Subway)

- Quality of Life
    - Safety
    - Noise
    - Pollution

- Parking

- Congestion

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Comments

Sidewalk Survey Results: Trip Origins

Weekday (561 Total Surveys)

Outside of NYC 5%
NYC 21%
Jackson Heights 27%
Queens 37%
Local* 10%
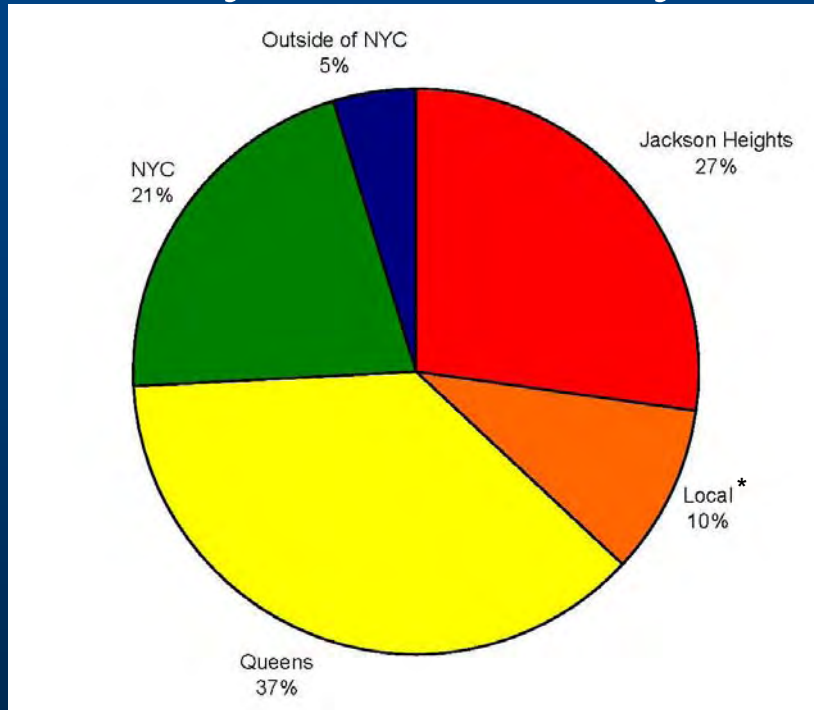
Jackson Heights, Local Area*, and Queens
- 74% of Respondents

Weekend (661 Total Surveys)

Outside of NYC 13%
NYC 8%
Jackson Heights 30%
Queens 42%
Local* 7%
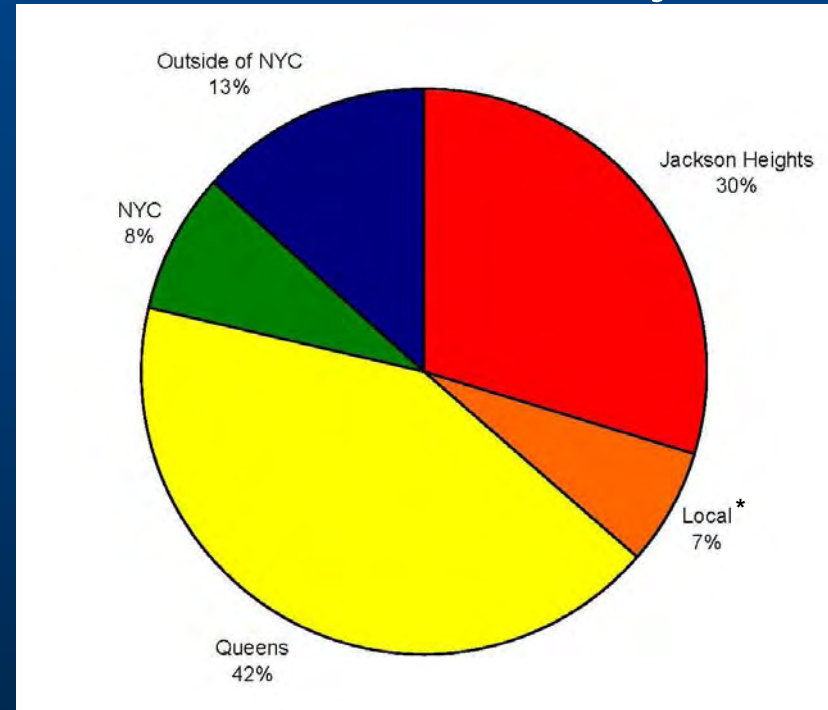
Jackson Heights, Local Area, and Queens
- 79% of Respondents

*Local trips include those that started in Elmhurst, and Elmhurst-Maspeth
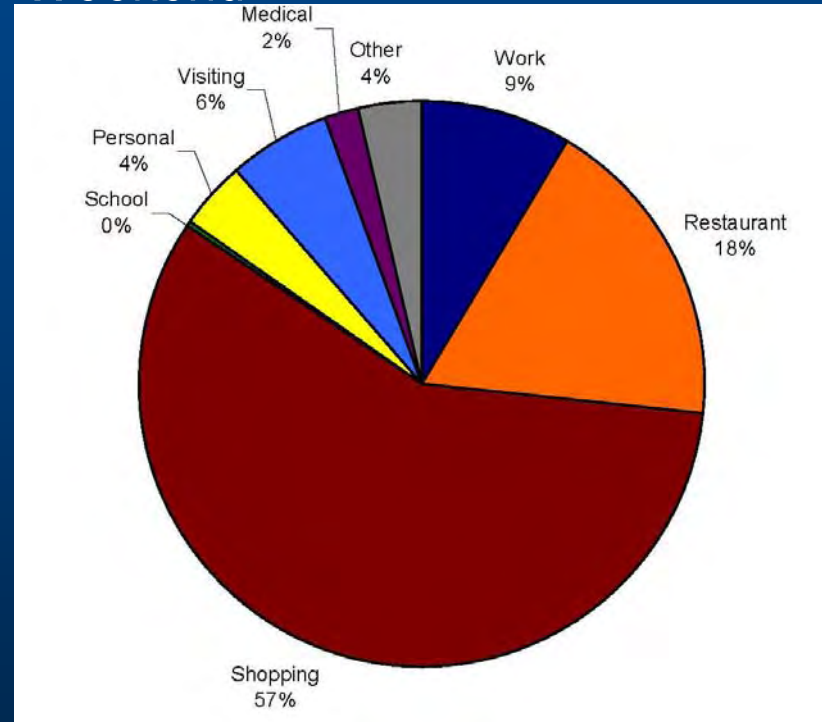
Sidewalk Survey Results: Trip Purpose

Weekday

Other 9%
Medical 5%
Visiting 10%
Personal 7%
School 4%
Shopping 33%
Restaurant 4%
Work 28%
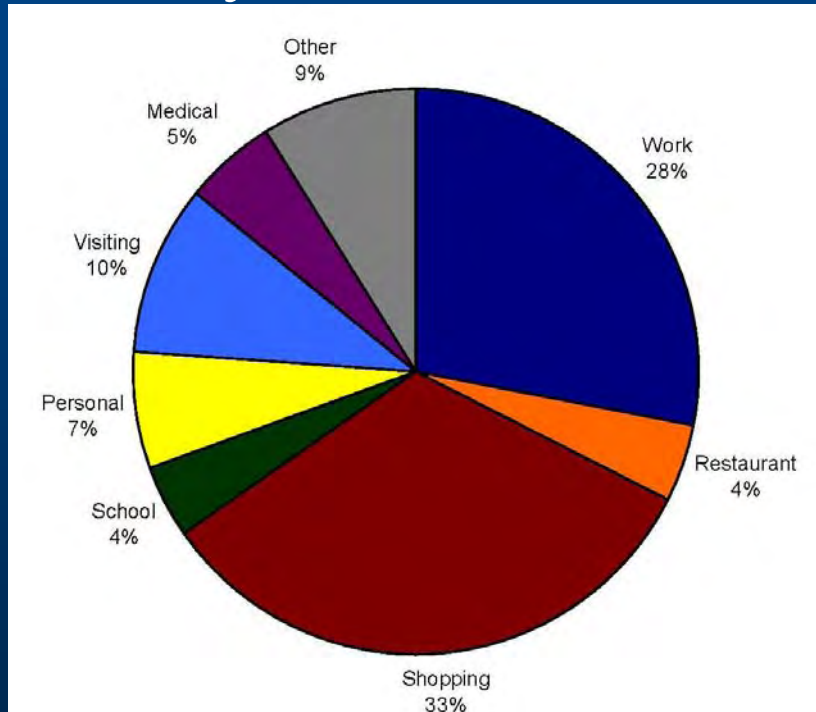
Majority of Trip Purpose

- Shopping (33%)
- Work (28%)

Weekend

Medical 2%
Other 4%
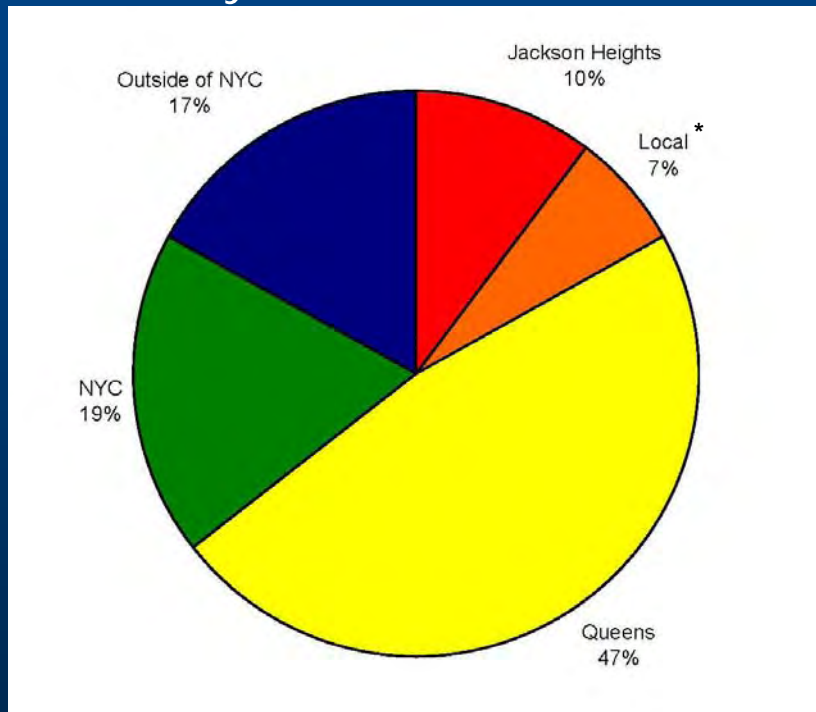Work 9%
Visiting 6%
Personal 4%
School 0%
Restaurant 18%
Shopping 57%

Majority of Trip Purpose

- Shopping (57%)
- Restaurant (18%)

Sidewalk Survey Results: Private Automobile, Trip Origin

Weekday

Outside of NYC 17%
Jackson Heights 10%
Local* 7%
NYC 19%
Queens 47%

- 64% of Car Trips are from Queens
- 17% are from Outside of NYC

Weekend

Jackson Heights 4%
Local* 5%
Outside of NYC 40%
Queens 40%
NYC 11%
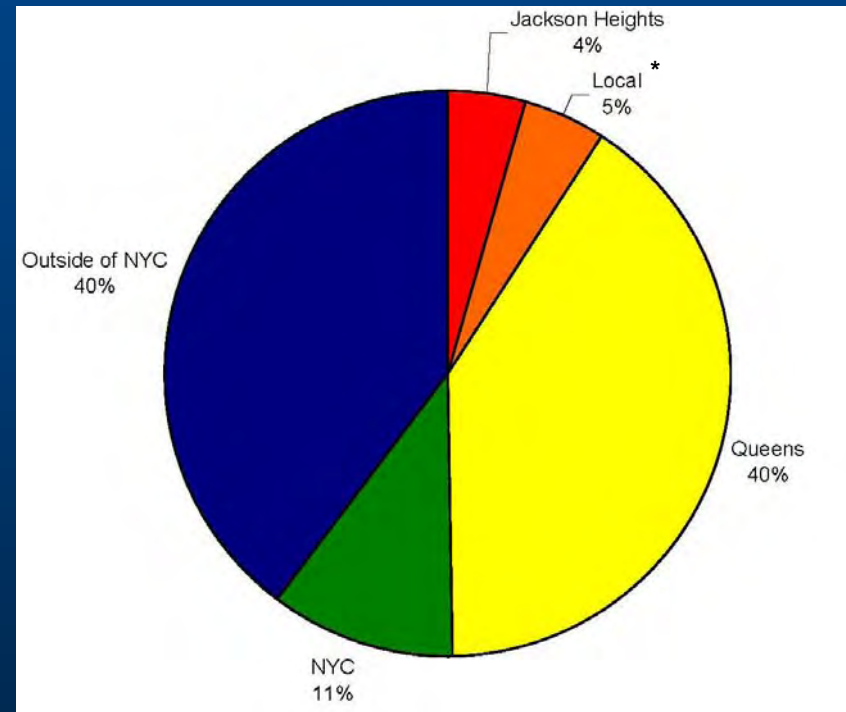
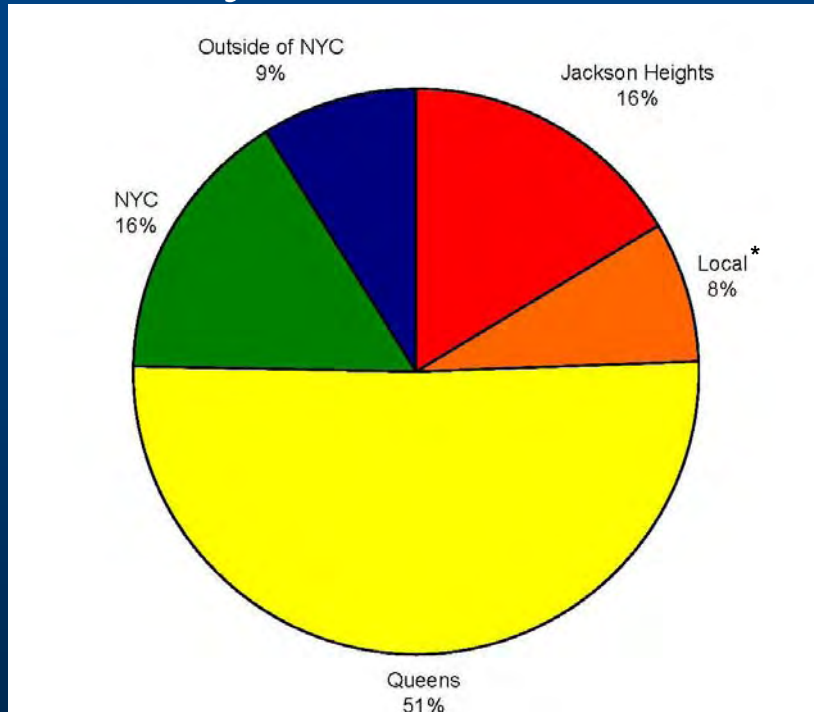- 49% of Car Trips are from Queens
- 40% are from Outside of NYC

*Local trips include those that started in Elmhurst, and Elmhurst-Maspeth

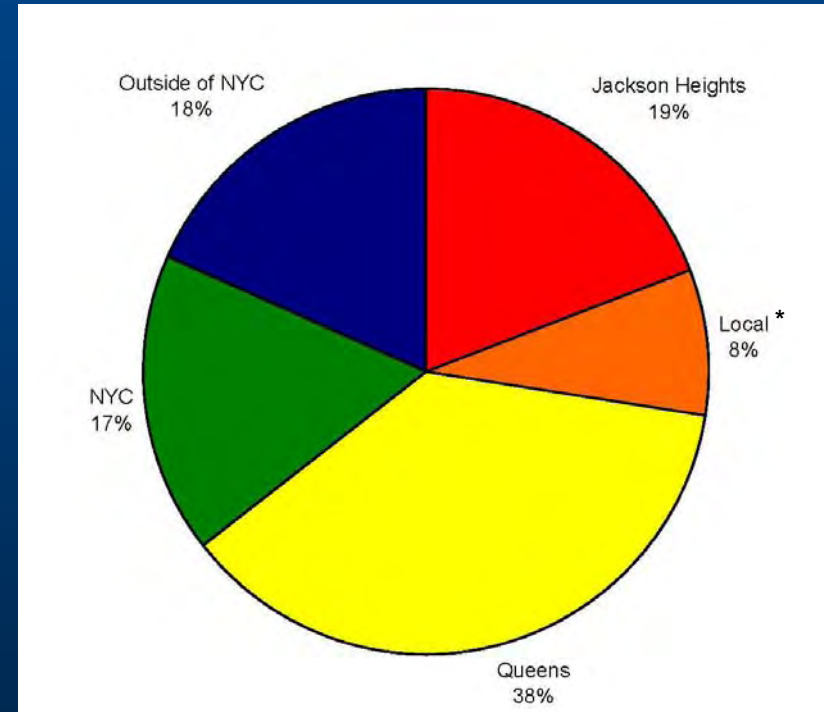# Red Light Survey Results: Trip Origins

Weekday

Outside of NYC 9%
Jackson Heights 16%
NYC 16%
Local* 8%
Queens 51%

- 59% of Trips Destined for Jackson Heights
- 16% of those Began in Jackson Heights

Weekend

Outside of NYC 18%
Jackson Heights 19%
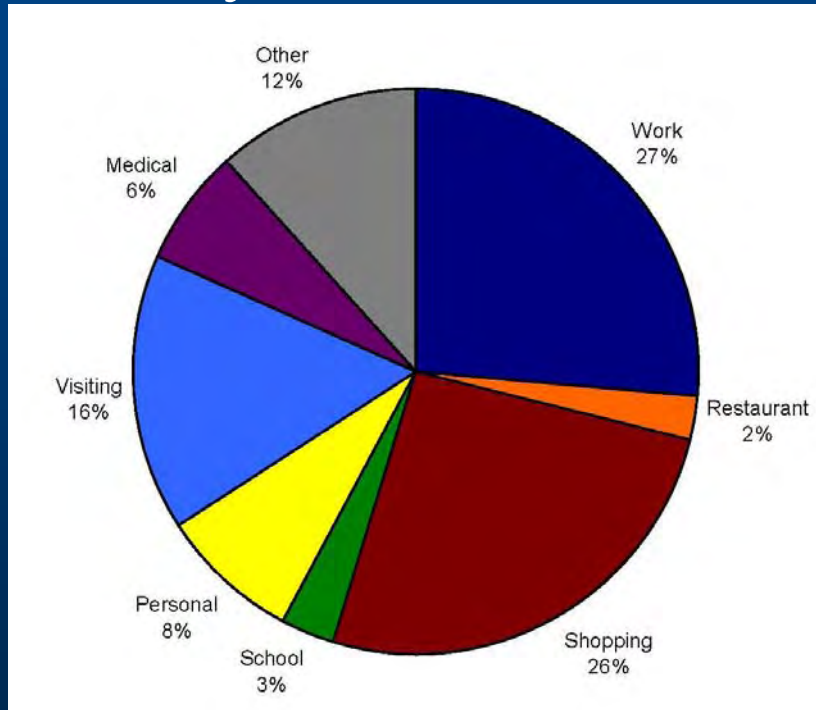Local* 8%
NYC 17%
Queens 38%

- 60% of Trips Destined for Jackson Heights
- 19% of those Began in Jackson Heights

*Local trips include those that started in Elmhurst, and Elmhurst-Maspeth
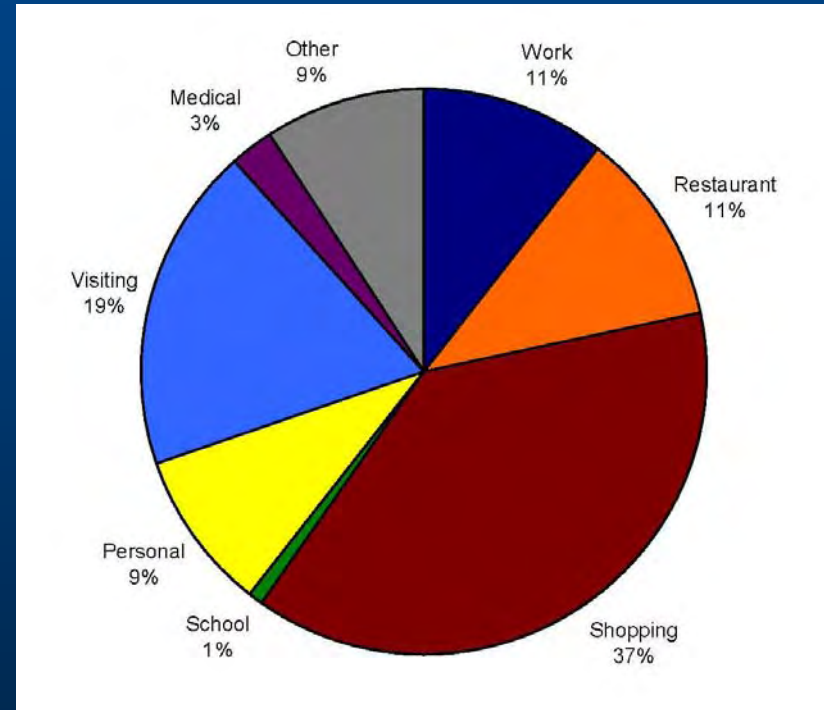
Red Light Survey Results: Trip Purpose

Weekday

Other 12%
Work 27%
Medical 6%
Visiting 16%
Restaurant 2%
Personal 8%
School 3%
Shopping 26%

Weekend

Other 9%
Medical 3%
Work 11%
Restaurant 11%
Visiting 19%
Personal 9%
School 1%
Shopping 37%

Majority of Trip Purpose

- Work (27%)
- Shopping (26%)

Majority of Trip Purpose

- Shopping (37%)
- Visiting (19%)

Community Outreach

- Community Open House
  - Saturday, February 27
  - 8:30 a.m. – 2:30 p.m.

- Scheduled to Maximize Community Attendance

- Innovative Format

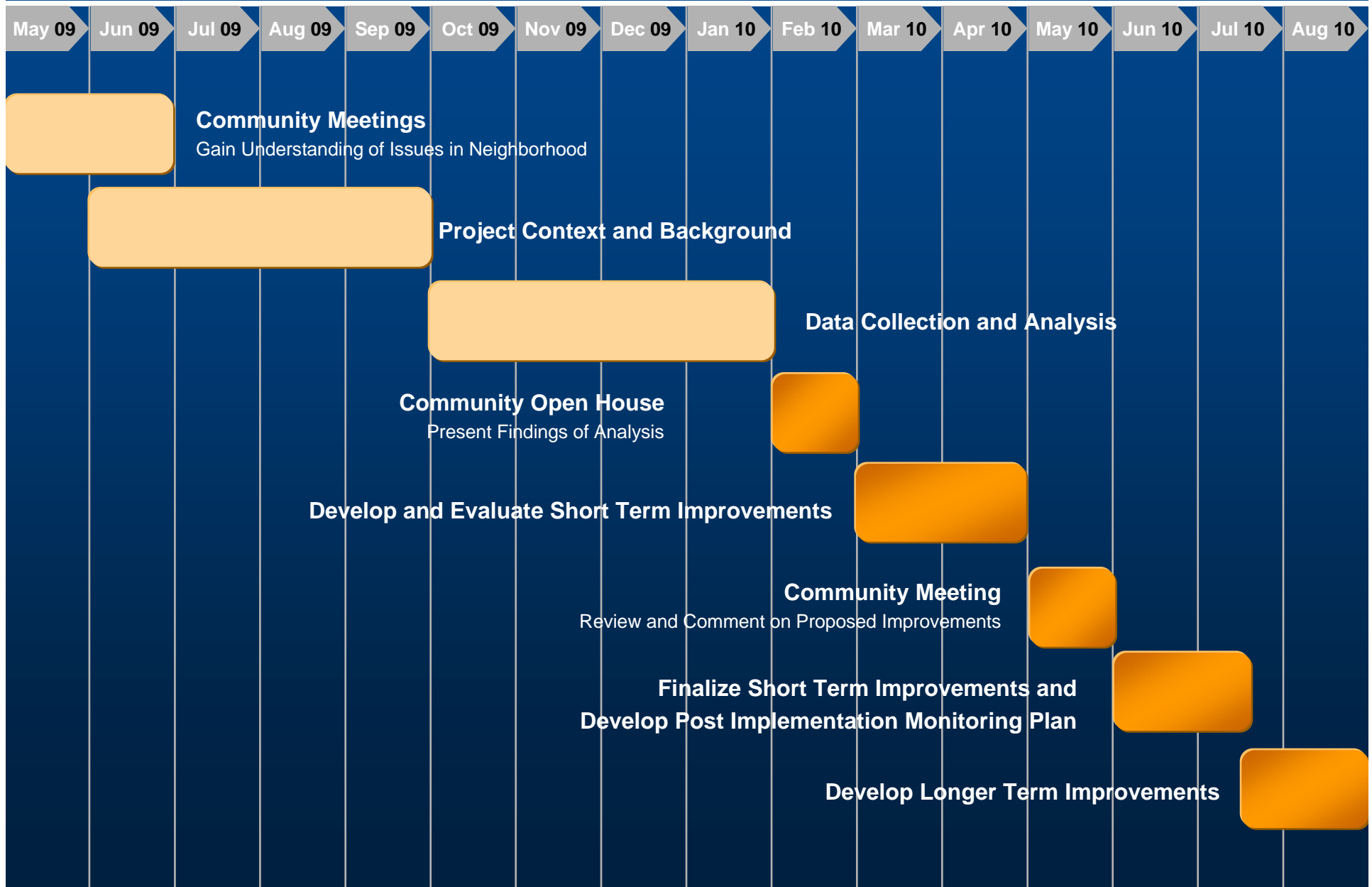# Community Outreach – Open House Format

- Interactive Open House

  - Introduction / History of Jackson Heights

  - Identification of Issues / Review of Data Collected

  - Introduction to Street Classifications and Associated Improvements

  - Next Steps

Jackson Heights Neighborhood Transportation Study - Phase I Timeline

| May 09 | Jun 09 | Jul 09 | Aug 09 | Sep 09 | Oct 09 | Nov 09 | Dec 09 | Jan 10 | Feb 10 | Mar 10 | Apr 10 | May 10 | Jun 10 | Jul 10 | Aug 10 |

Community Meetings
Gain Understanding of Issues in Neighborhood

Project Context and Background

Data Collection and Analysis

Community Open House
Present Findings of Analysis

Develop and Evaluate Short Term Improvements

Community Meeting
Review and Comment on Proposed Improvements

Finalize Short Term Improvements and Develop Post Implementation Monitoring Plan

Develop Longer Term Improvements

Questions

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Jewish Center of Jackson Heights

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Parking Occupancy Data Collection
Weekday Peak Hour

Legend
- No Data Collected
- Parking Survey (various sources)

Jackson Heights Neighborhood Transportation Study