

LaGuardia Airport Access Alternatives Analysis

Public Meeting #1
June 22, 2011



Metropolitan Transportation Authority
New York City Transit
Bus Company

**THE PORT AUTHORITY
OF NY & NJ**



Agenda

Background

Purpose and Need

Goals & Objectives

Alternatives Analysis Process

Public Outreach

Next Steps

Transit Needs in NYC

June 2010



Table of Routes

Short List for Next Select Bus Service Route

1	Webster Avenue/Third Avenue Corridor
2	Hillside Avenue Corridor
3	LaGuardia/East Elmhurst Corridor

Background

December 2010: NYCDOT receives Federal Transit Administration (FTA) grant to study transit access alternatives to LaGuardia Airport (LGA)

May 2011: Alternatives Analysis (AA) begins

Low-cost improvements within a short timeframe are focus of AA

NYCDOT working closely with



THE PORT AUTHORITY
OF NY & NJ



Background

Process:

Identify all reasonable alternatives for transit to LGA

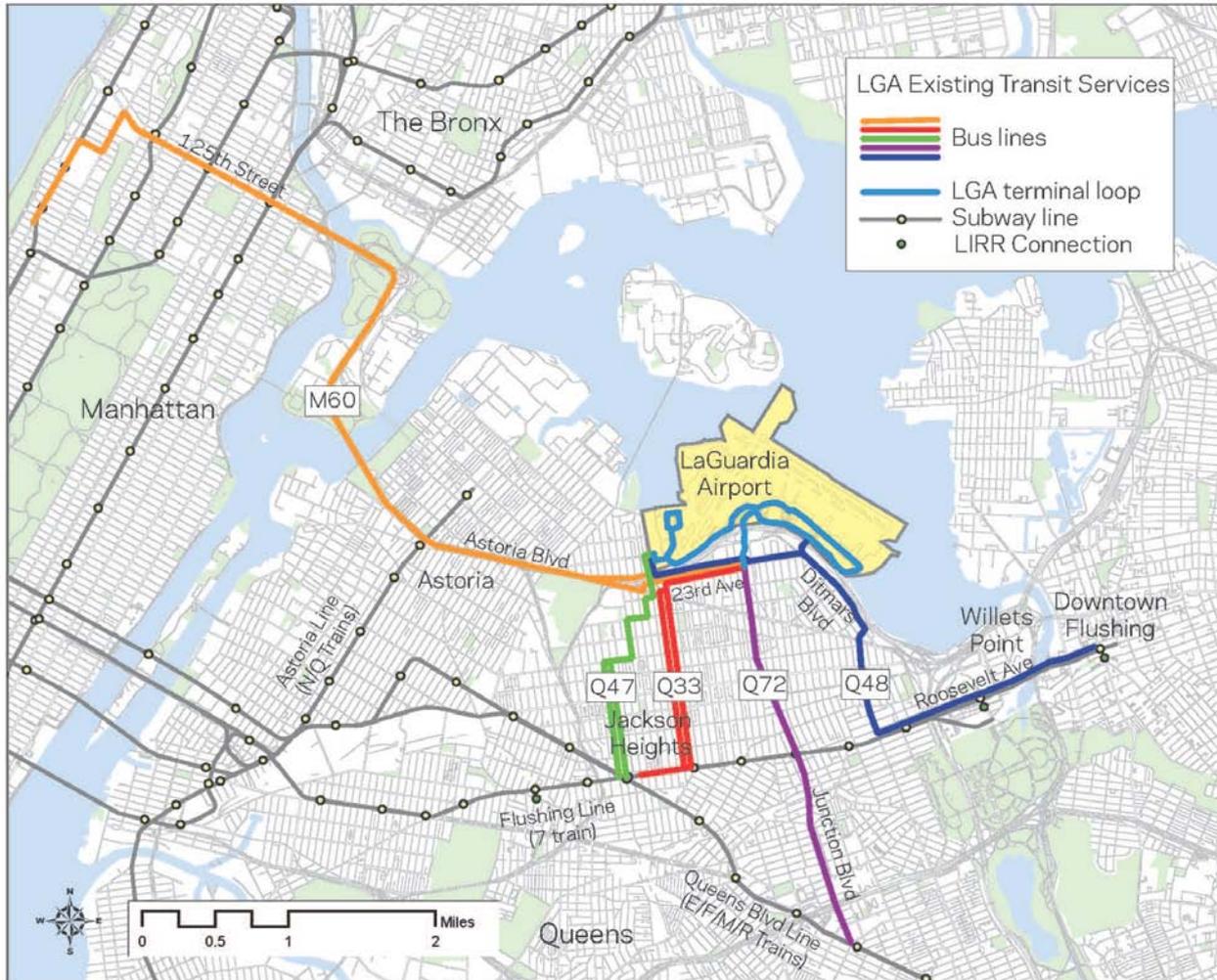
Select the alternative that best meets goals and objectives

AA will qualify the project for future FTA funding for Environmental Review, detailed Planning and Design etc

Community input will be crucial

First step: define needs and goals

Purpose and Need



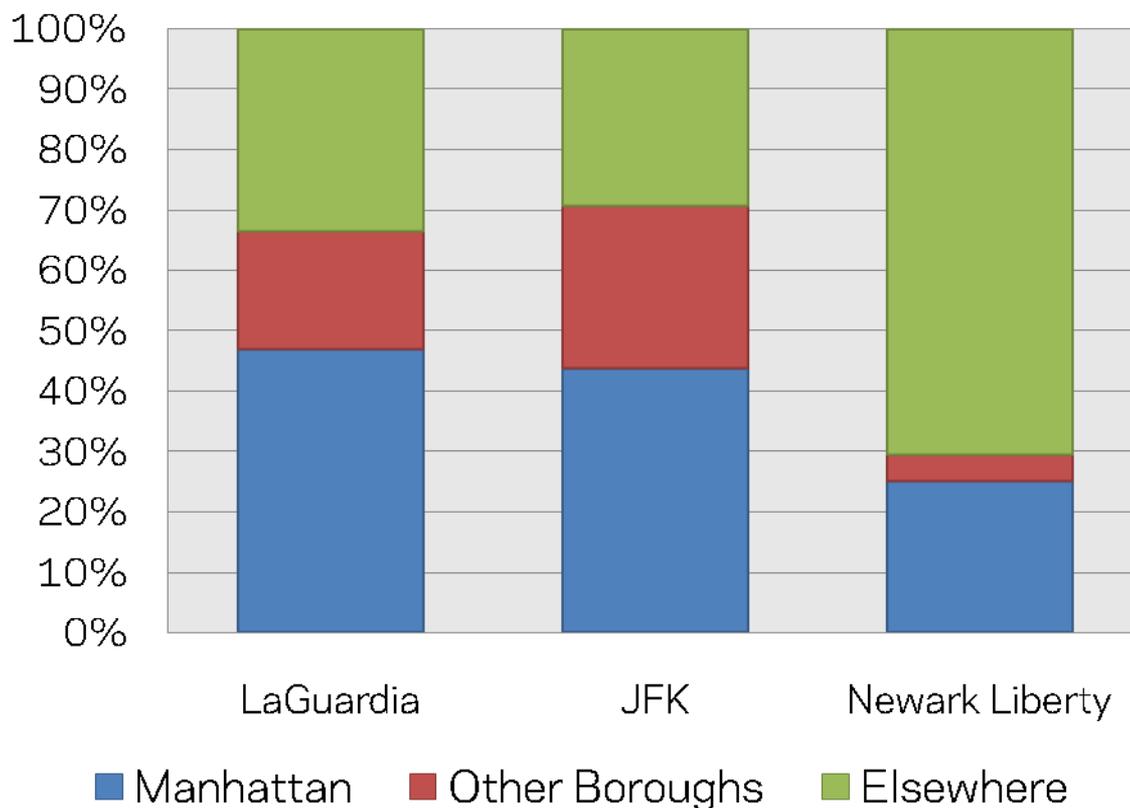
LGA currently served by M60, Q33, Q47, Q48 and Q72 bus routes

Bus service often slowed by narrow streets, long dwell times

Purpose and Need

Over 2/3 of LGA passengers come from NYC, most from Manhattan

Origin of Air Passengers at Area Airports



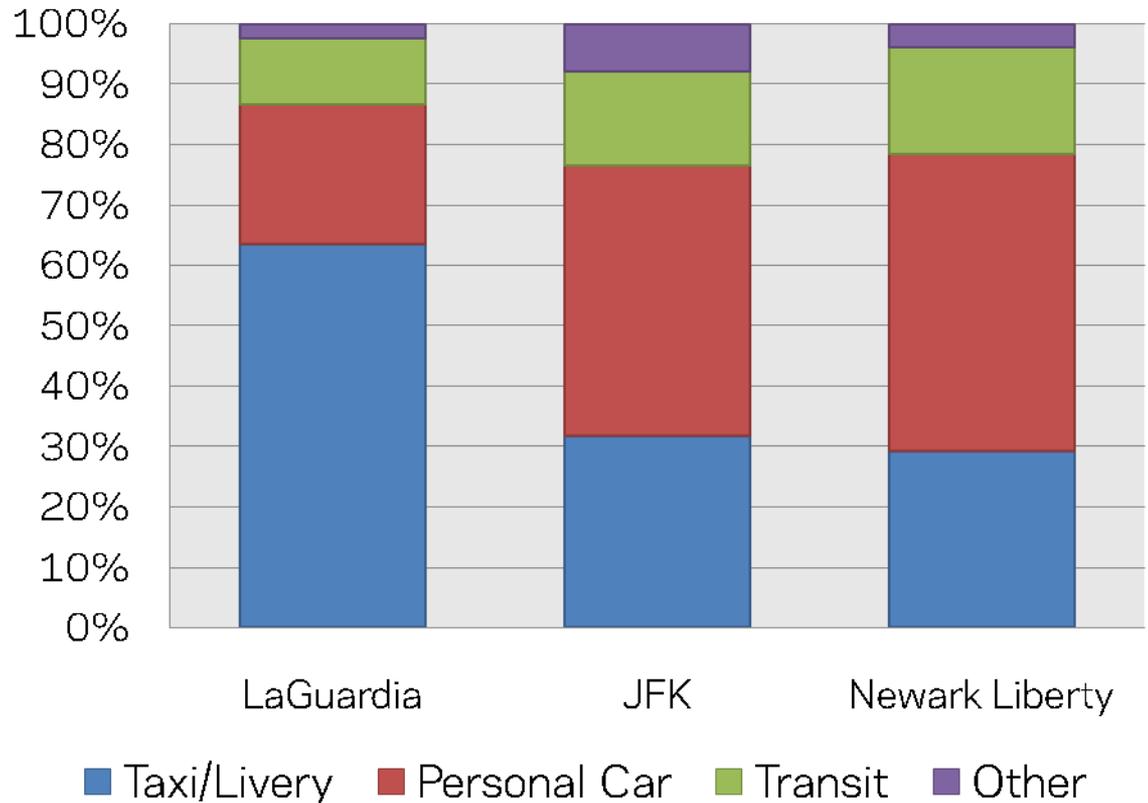
Source: *Upgrading to World Class: The Future of the New York Region's Airports*, Regional Plan Association, January 2011.

Purpose and Need

Over 85% of LGA passengers use taxi or private car

Driving to LGA from Manhattan can take over 45 minutes

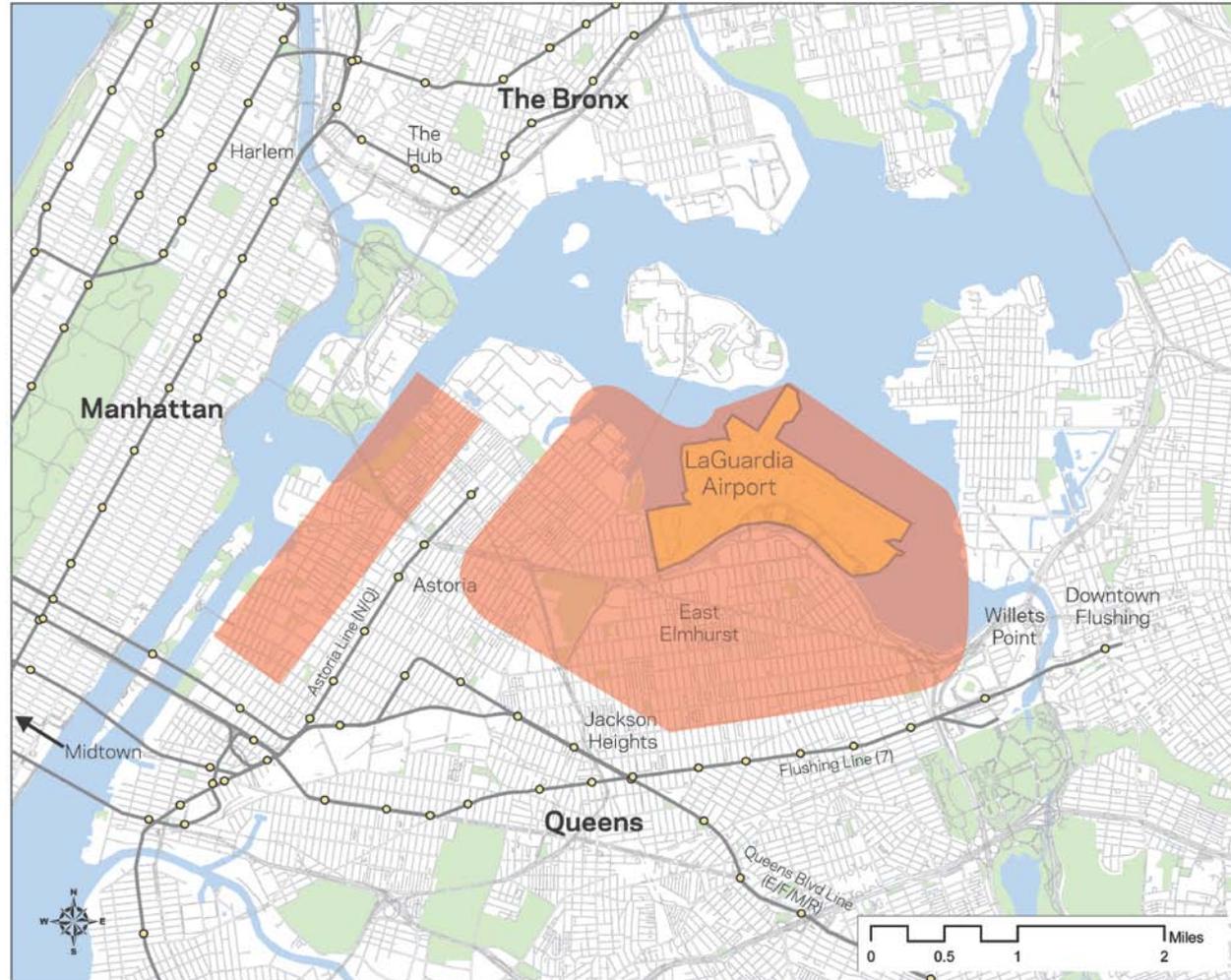
Mode of Air Passengers at Area Airports



Source: *Upgrading to World Class: The Future of the New York Region's Airports*, Regional Plan Association, January 2011.

Purpose and Need

Much of western Queens lacks easy access to the subway for local travel



What transit improvements would you like to see?

Goals and Objectives

Goal: Improve Transit Accessibility to LGA

Example objectives:

Reduce travel time and improve reliability for airport trips for passengers from major commercial hubs

Reduce travel time for airport trips for employees

Accommodate future increases in airport travel

Increase transit mode share for airport trips

Reduce transit travel time for intra-neighborhood trips

Others?

Goals and Objectives

Goal: Improve Transit In Western Queens

Example objectives:

Reduce transit travel time for trips between Western Queens neighborhoods

Improve transit reliability for trips between Western Queens neighborhoods

Accommodate future transit demand

Others?

Goals and Objectives

Goal: Minimize Capital and Operating Impacts

Example objectives:

Minimize capital costs

Minimize operating costs

Implement within a five-year timeframe

Compatible with existing NYCT, MTABC, and NYCDOT operations

Compatible with existing and future on-airport operations and infrastructure

Others?

Goals and Objectives

Goal: Enhance Community Character and Minimize Environmental Impacts

Example objectives:

Support existing and proposed development in LaGuardia Airport neighborhoods

Improve connections between residential and commercial uses

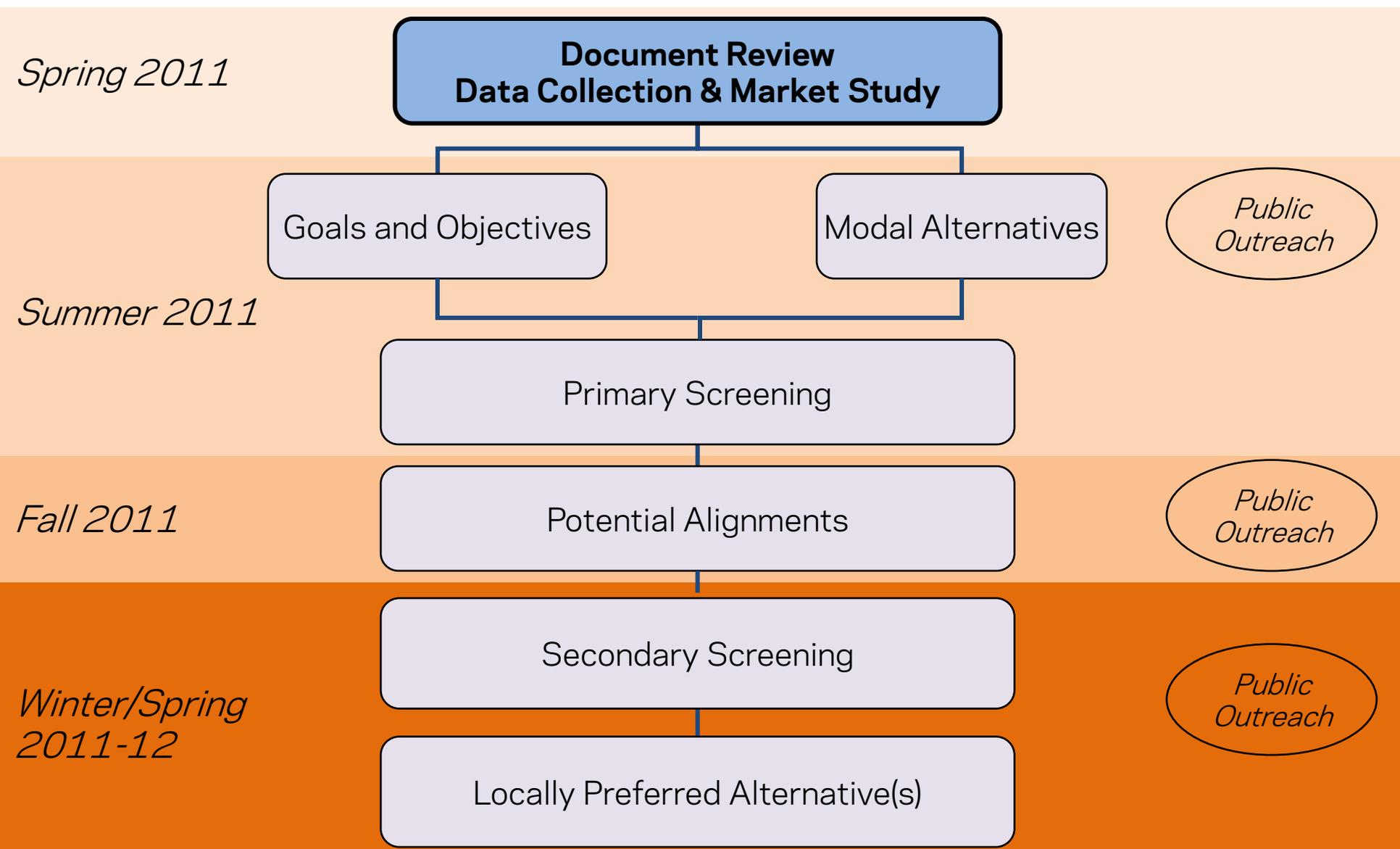
Improve pedestrian circulation and safety

Reduce vehicular congestion, emissions, and noise

Minimize construction impacts

Others?

Alternatives Analysis Process



Alternatives Analysis Process

**Document Review
Data Collection & Market Study**

Review of previous studies related to transit to LGA

Collection of current transit and traffic data

Market Study

- Bus Rider Survey

- Interviews with Airport and Airport-related Employers

- Review of PANYNJ Airport Employee and Passenger Surveys

First Public Meeting

Alternatives Analysis Process

Spring 2011

Document Review
Data Collection & Market Study

Goals and Objectives

Modal Alternatives

Public Outreach

Summer 2011

Primary Screening

Fall 2011

Potential Alignments

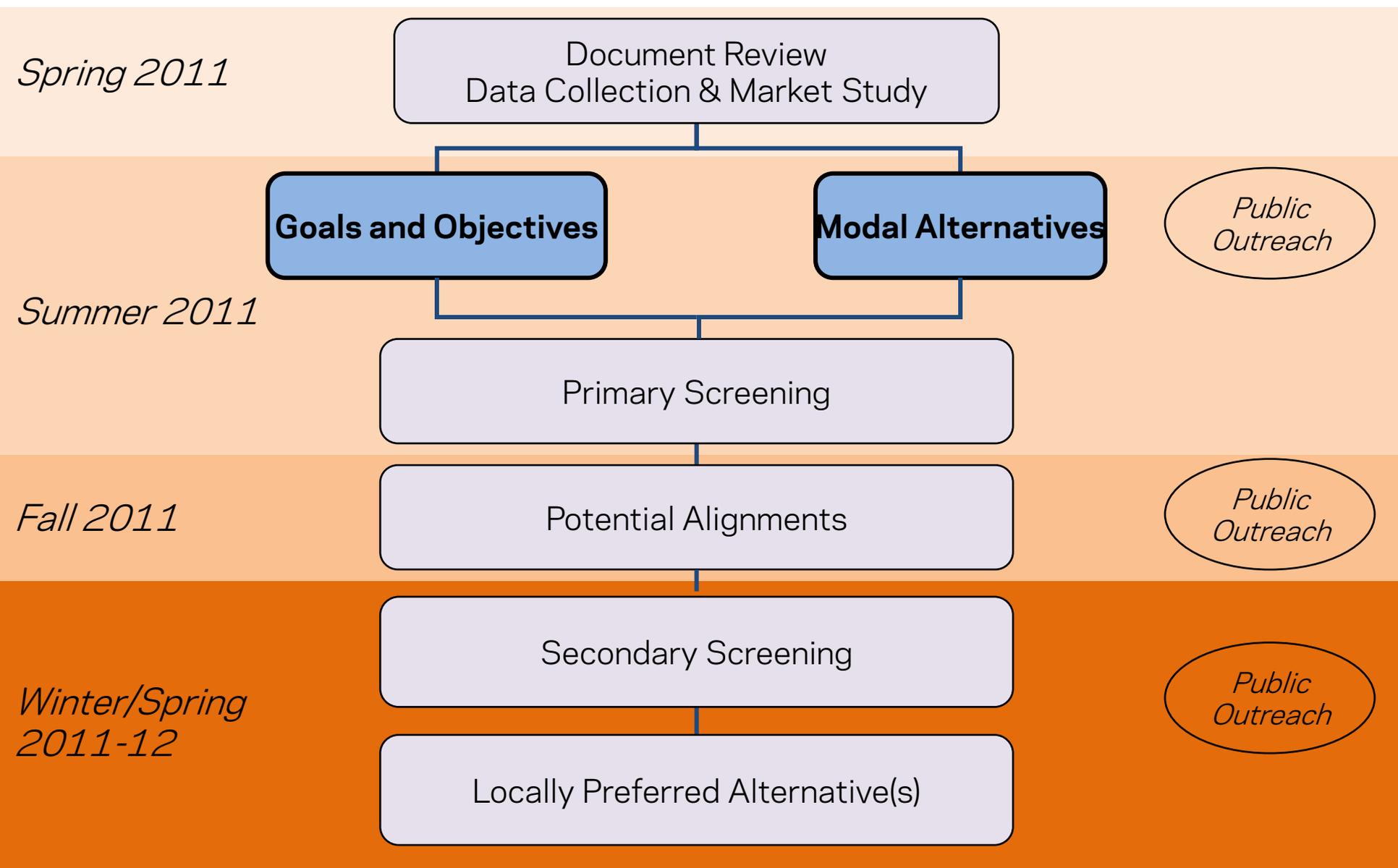
Public Outreach

*Winter/Spring
2011-12*

Secondary Screening

Locally Preferred Alternative(s)

Public Outreach



Alternatives Analysis Process

Modal Alternatives



Bus Rapid Transit



Light Rail Transit



Ferry



Automated Guideway
Transit



Streetcar



Heavy Rail

Alternatives Analysis Process

Spring 2011

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*Winter/Spring
2011-12*

Secondary Screening

Locally Preferred Alternative(s)

Public Outreach

Alternatives Analysis Process

Primary Screening

Goals and Objectives lead to Evaluation Methodology

Example:

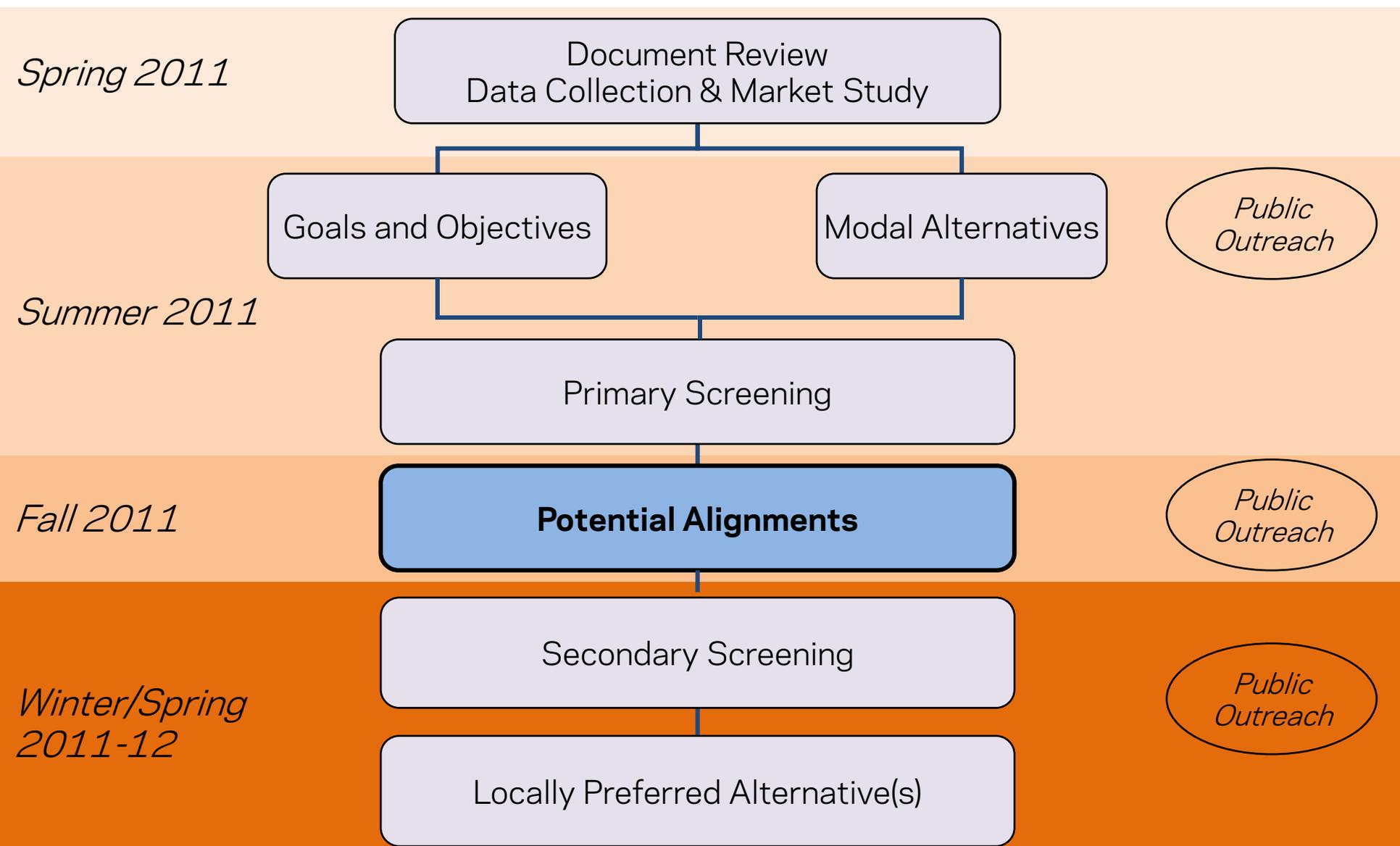
Goal: Improve Transit Access to LGA

Objective: Provide Connections to Existing Transit Service

Evaluation Metric: Number and quality of connections to existing transit network

Development and selection of preferred modal alternative

Alternatives Analysis Process



Alternatives Analysis Process

Potential Alignments

Identification of Alignment Alternatives and Performance Measures

Conceptual Design and Operating Plans

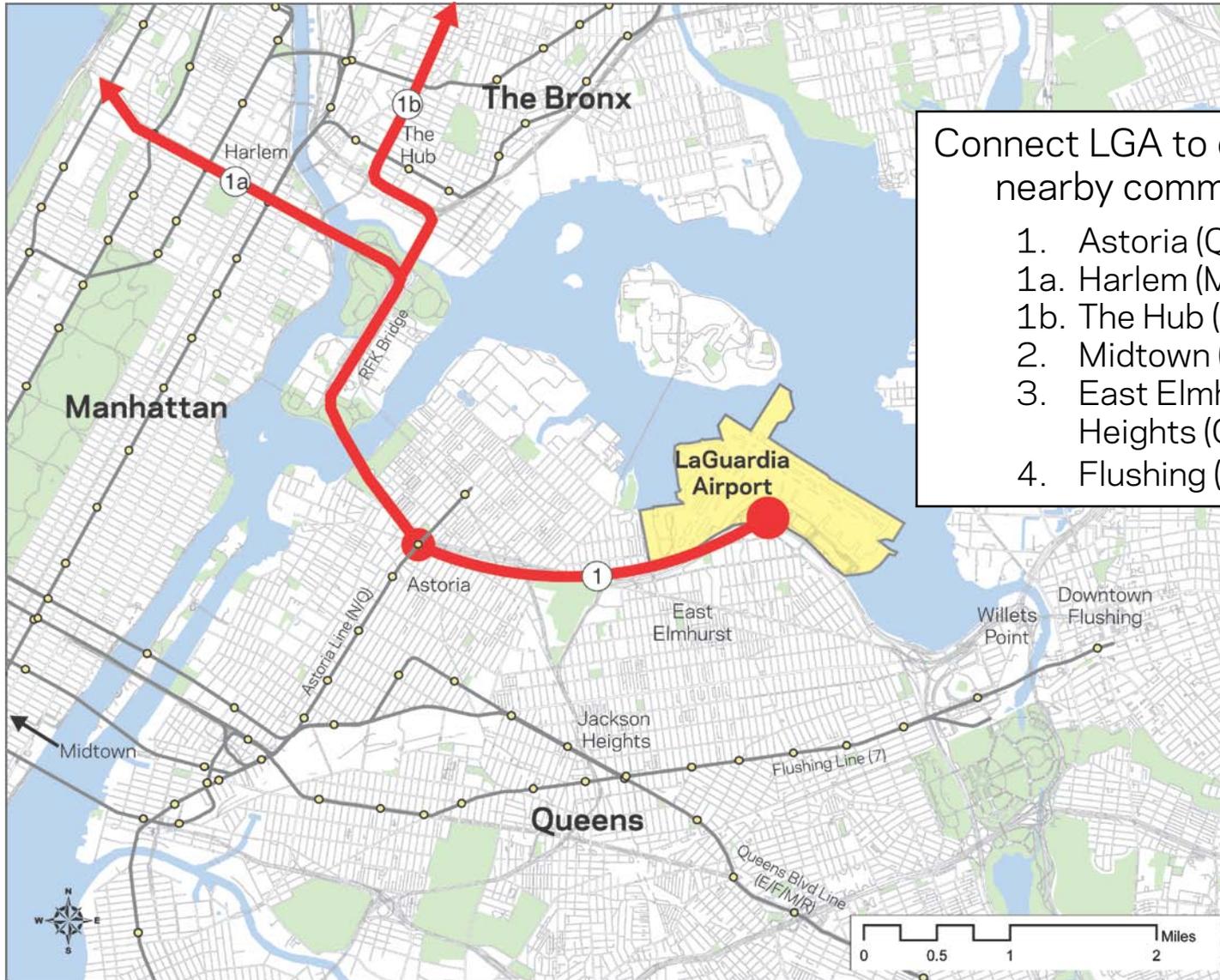
Transit Ridership Modeling and Future Demand

Cost Estimates

On-Airport Design Options

Second Public Meeting

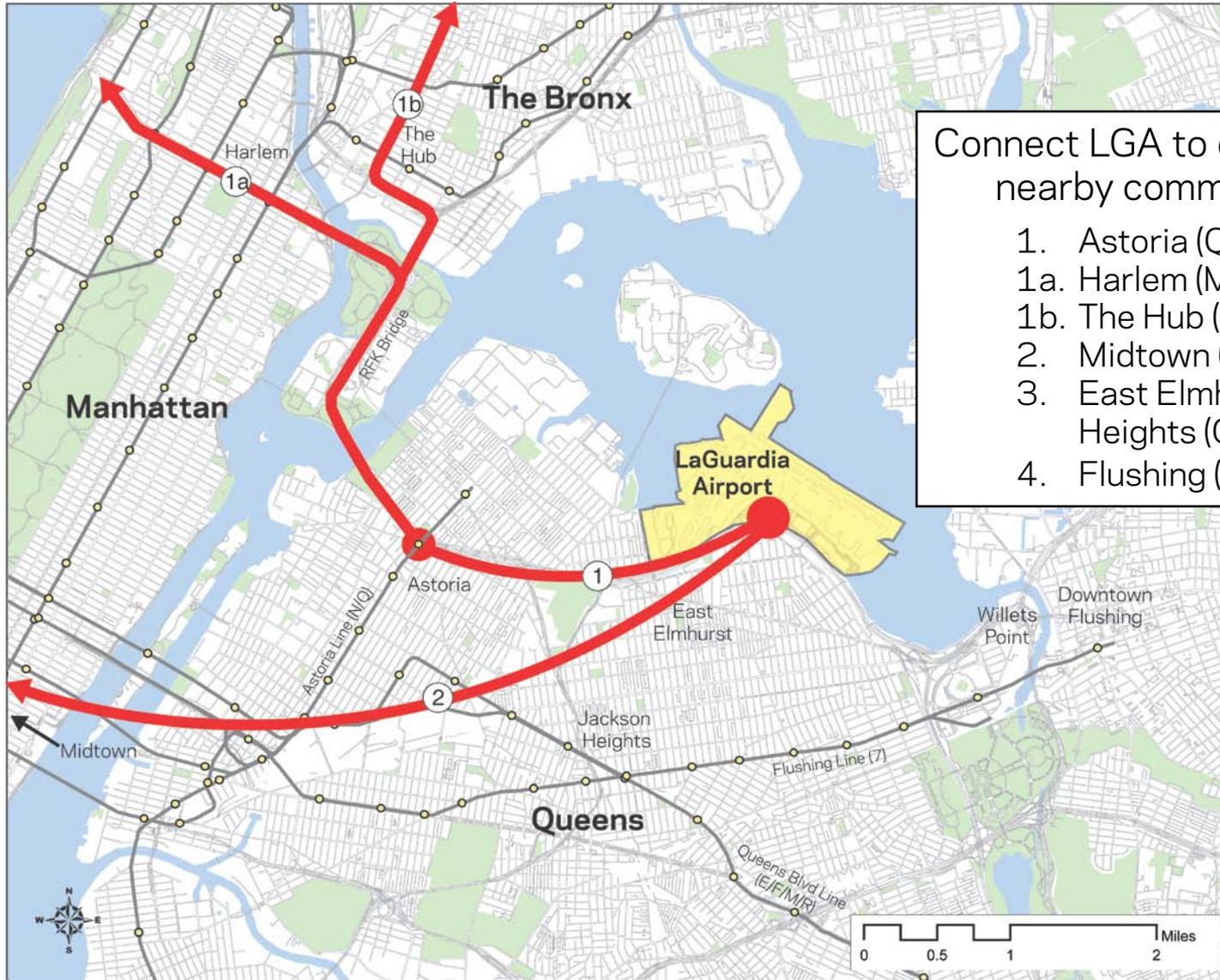
LaGuardia Airport Access



Connect LGA to one or more nearby commercial hubs:

1. Astoria (Queens)
- 1a. Harlem (Manhattan)
- 1b. The Hub (Bronx)
2. Midtown (Manhattan)
3. East Elmhurst/Jackson Heights (Queens)
4. Flushing (Queens)

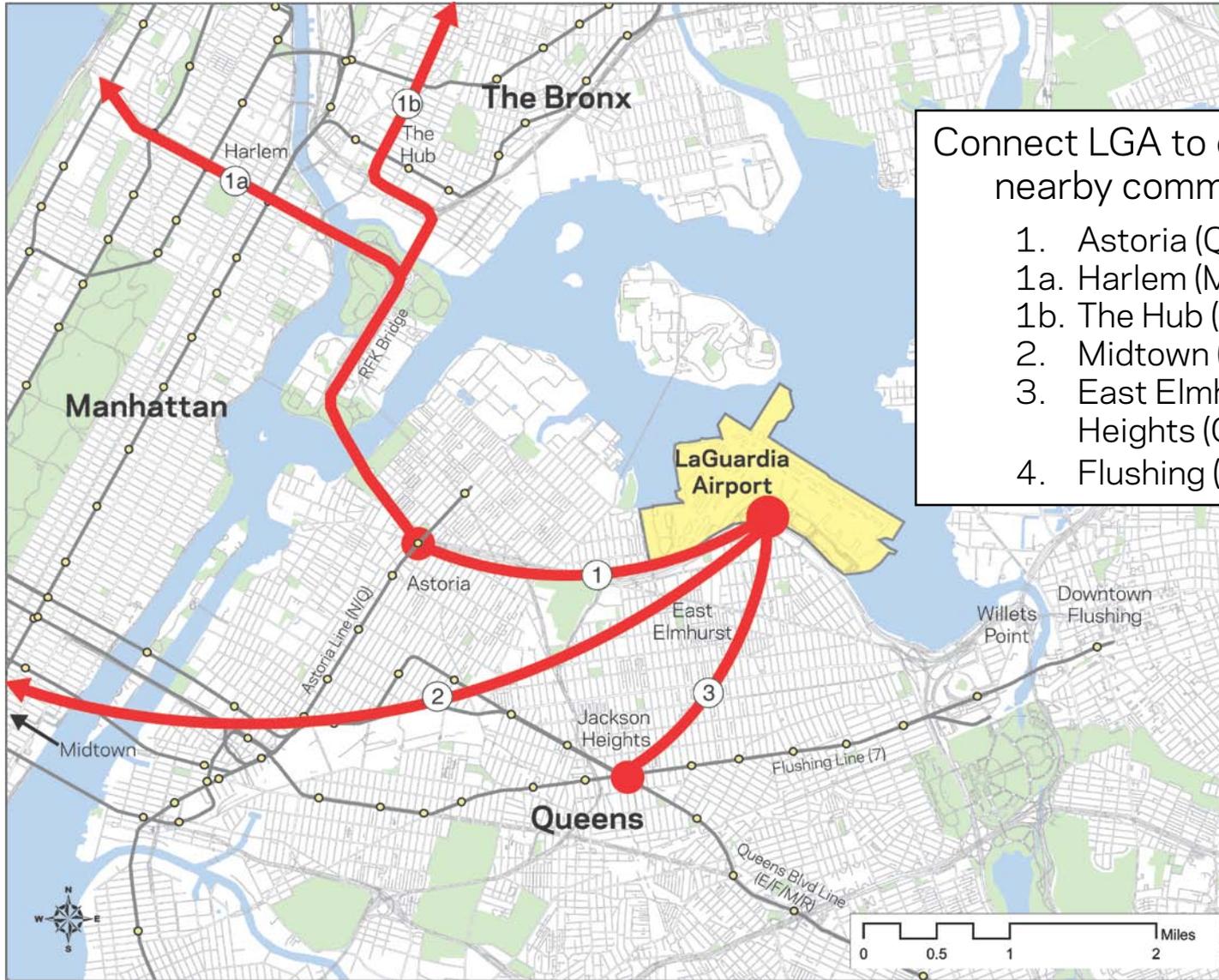
LaGuardia Airport Access



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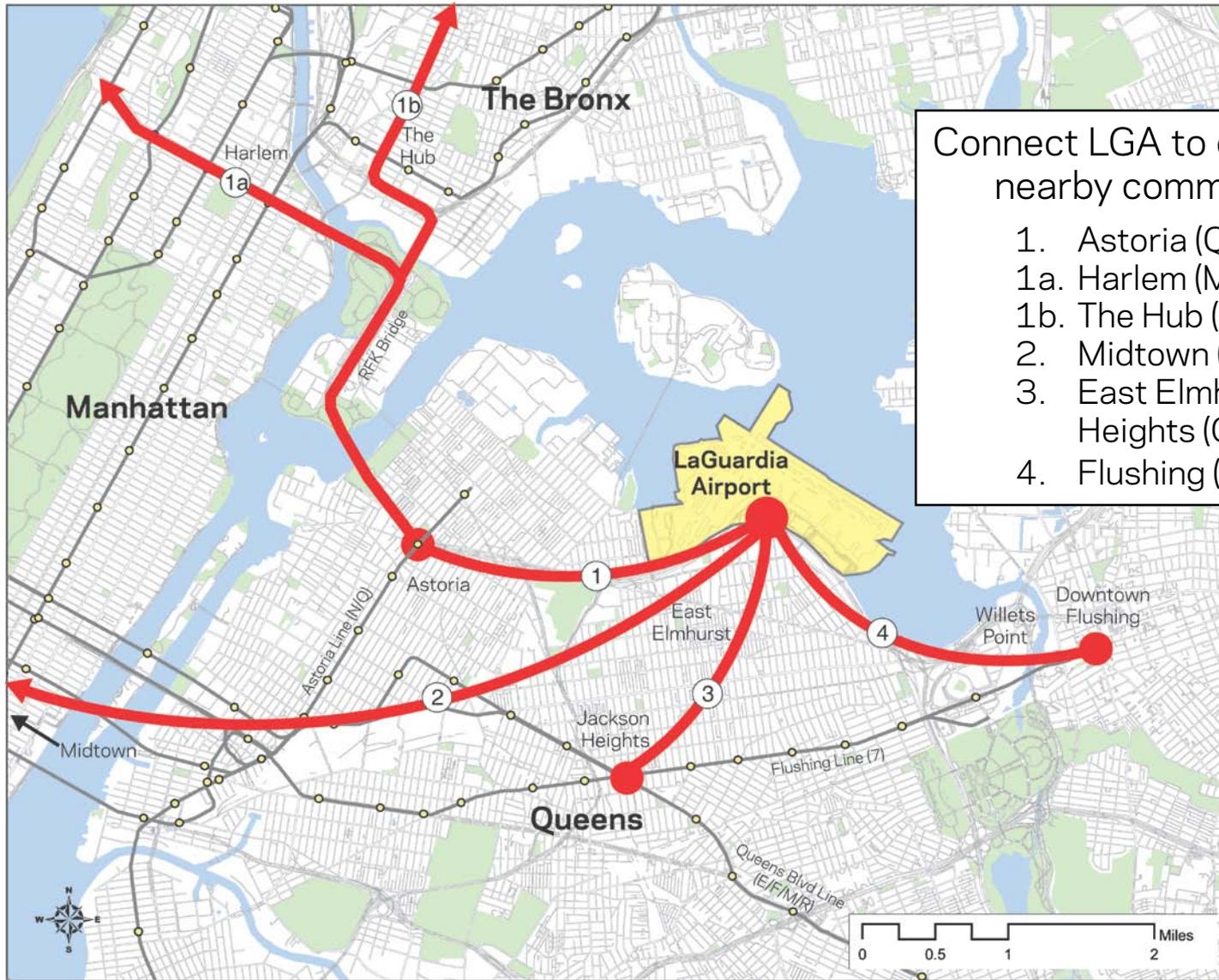
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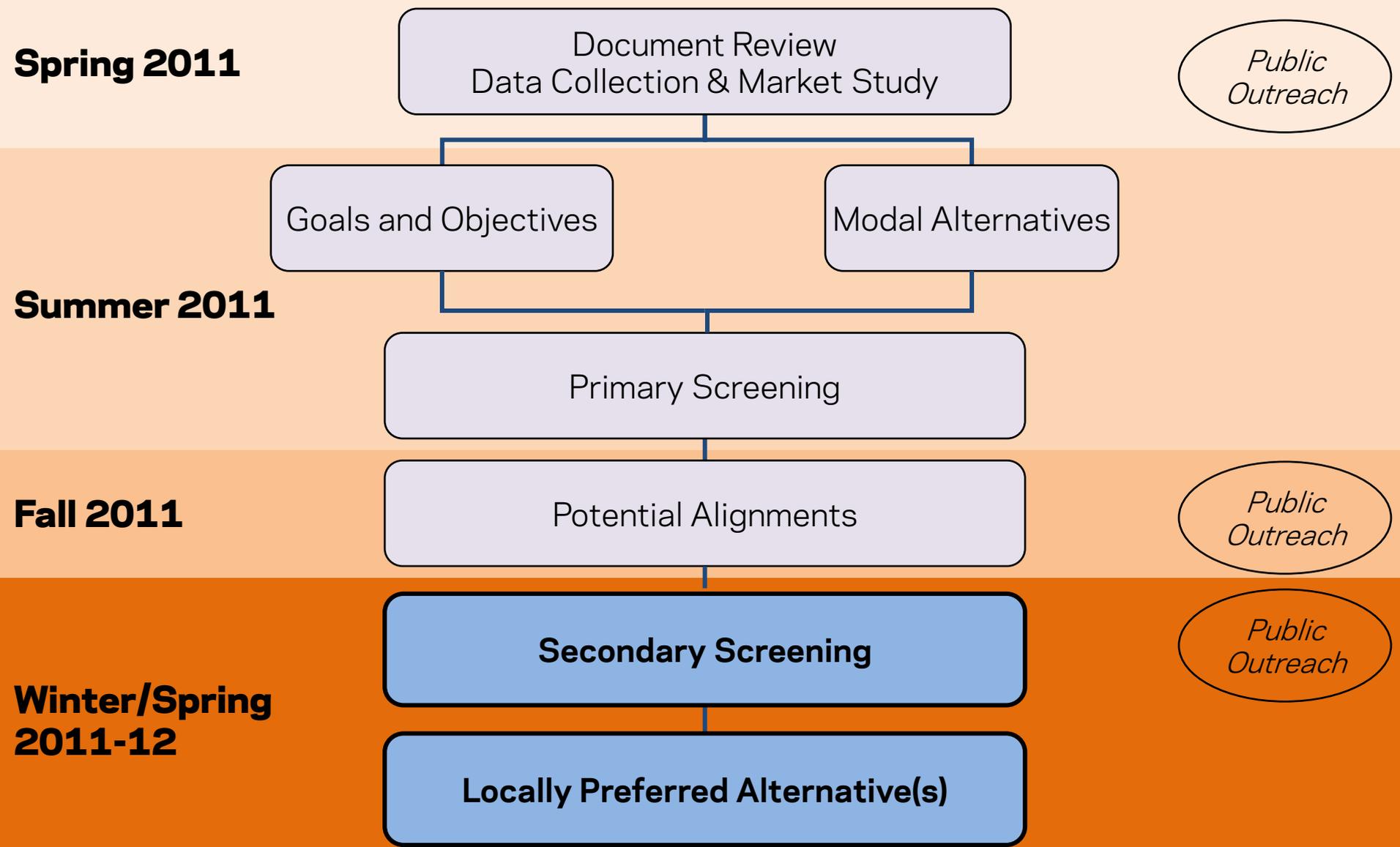
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Alternatives Analysis Process



Alternatives Analysis Process

Secondary Screening

Detailed analysis of alignment alternatives

Evaluation metrics may include

- Ridership estimates

- Constructability

- Detailed cost estimates

- Environmental considerations

Third public meeting

Public Outreach

Public Meetings

Three meetings to be held throughout the study

Community Advisory Committee (CAC)

Engage key stakeholders in a group setting

Encourage participation in Public Meetings



Next Steps

Ongoing: Surveying and Data Analysis

Summer/Fall 2011:

- Initial Screening to determine Modal Alternative

- Finalize Market Study

- Develop Alignment Alternatives

Comments/Questions?

For more information
Email: LaGuardia@zetlin.com