



LIVABLE COMMUNITIES
THROUGH SUSTAINABLE TRANSPORTATION

THE NASSAU HUB STUDY

ALTERNATIVES ANALYSIS / ENVIRONMENTAL IMPACT STATEMENT



Technical Advisory Committee

Kickoff Meeting
June 22, 2010





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Welcome and Introductions



The Study Team

- **Lead Agency**—Federal Transit Administration (FTA)
- **Study Sponsor**—Nassau County
- **Consultant Team**
 - Jacobs (AA/EIS)
 - PB Americas (Program Management)



Funding Partners

- Federal Transit Administration (FTA)
- New York State Department of Transportation (NYSDOT)
- Nassau County



Agenda

- Role of Technical Advisory Committee
- Study History
- Study Overview and Work Plan
- Timeline
- Next Steps
- Q & A



Role of Technical Advisory Committee

- Liaison Between Study Team and TAC Members' Organizations
- Review Study Materials
- Provide On-Going Technical Guidance to Nassau County
- Meet at Key Milestones Throughout the Study



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Study History



Related Studies

- 1968 Hub Study
- 1996 Nassau Hub Economic Development Study
- 1998 Nassau Hub Study
- **2006 Major Investment Study (MIS)**
- NYMTC 2010-2035 Regional Transportation Plan
- Nassau County Comprehensive Plan Update (Pending)
- LI Regional Planning Council Sustainability Plan (Pending)



PRIMARY STUDY AREA MAP



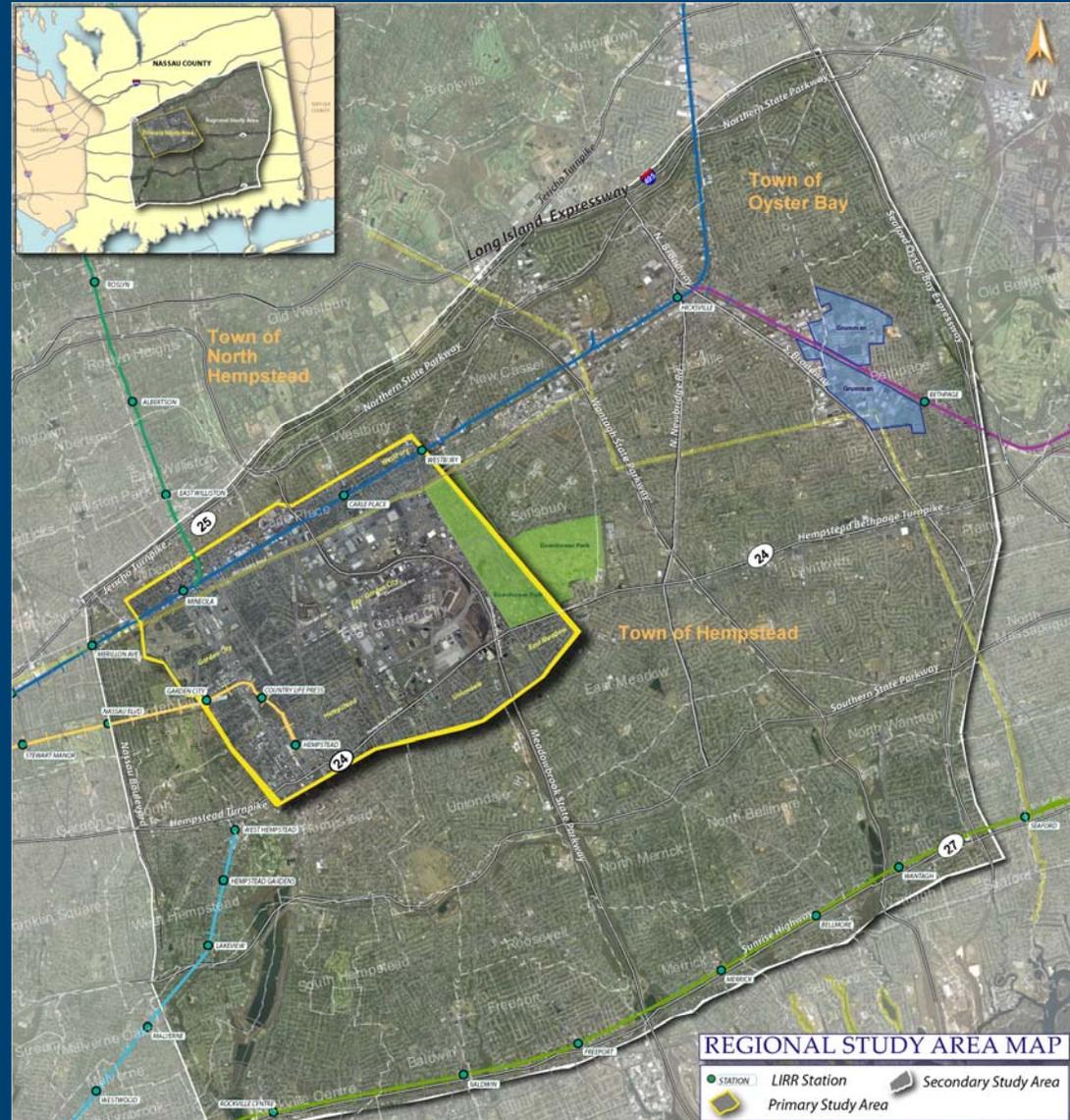
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Regional Study Area

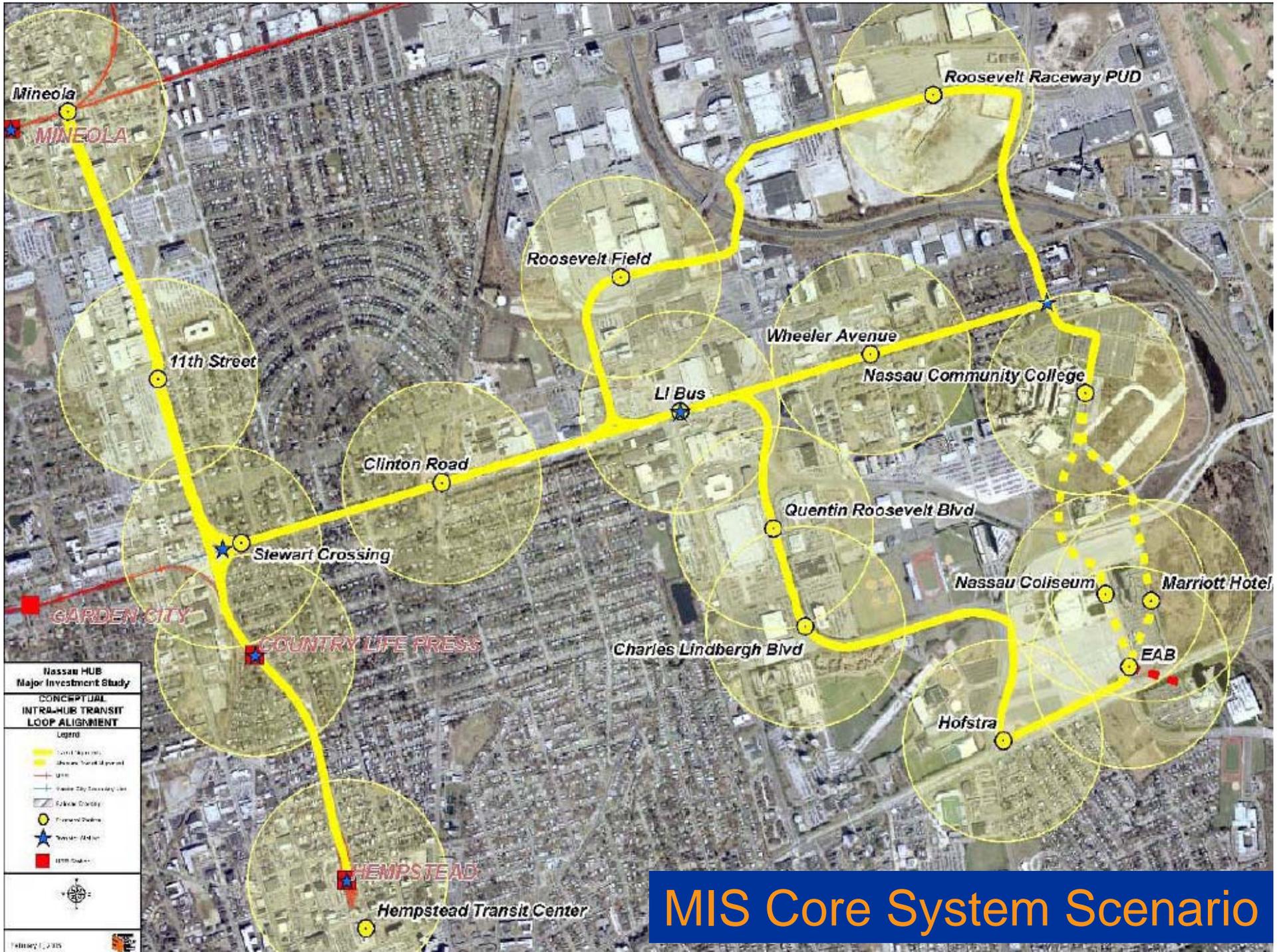




Where Did The MIS Leave Off?

- 3 Transit Options:
 - BRT – Bus Rapid Transit
 - LRT – Light Rail Transit
 - AGT – Automated Guideway Transit
- Core System Scenario For Each Option
- Full System Scenario For Each Option
- Alternatives to be Revisited







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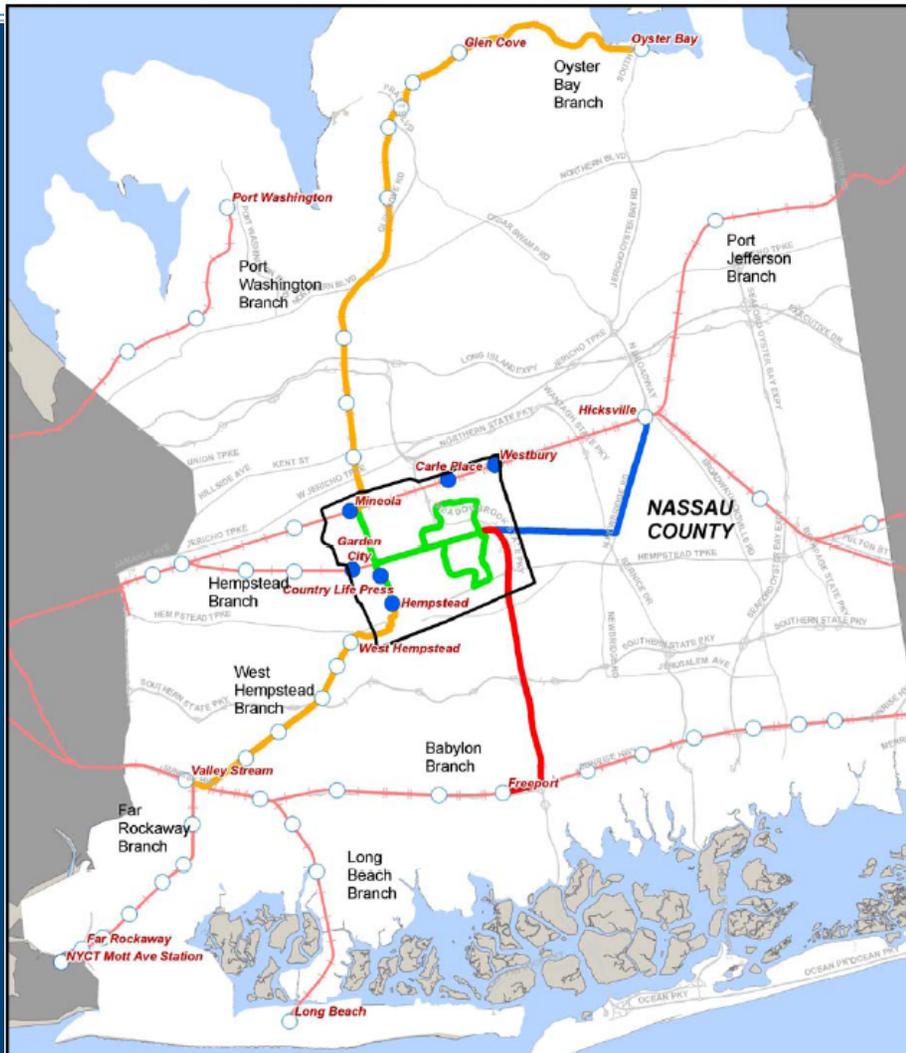
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MIS Full System Scenario

- MIS Core System
- Proposed Connection to Hicksville
- Proposed Connection to Freeport
- Modified LIRR Alignments





What Was Learned From The MIS?

- Traffic Congestion Will Only Get Worse If Nothing Is Done To Address The Problem
- Transit Improvements Could Help Address Mobility Problems And Shape Economic Development Opportunities
- Federal “New Starts” Funding Could Potentially Be Used To Help Implement Improvements
- Further Investigation In An AA/EIS Is Needed To Refine The Alternatives, Identify A Set Of The Most Promising Options And Be Eligible For Federal Funds
- MIS Findings are a Starting Point for this Study



What Are The Issues?

- Increasing Levels Of Roadway Congestion
- Missing Or Incomplete Transportation Linkages
- Disjointed Land Use Patterns
- Automobile-Oriented Land Use Development
- Lack Of North-South Transit Connectivity
- Need To Create Economic Development Opportunities



Why Is This Study Needed?

- Find A Range Of Transit Options That Will Help Address Worsening Traffic Congestion While Supporting Further Economic Development In The Study Area
- Ensure The County Remains Eligible For FTA Funding Once A Locally Preferred Alternative Has Been Identified And Vetted Through The EIS Process



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Study Overview and Work Plan



Current Phase Alternatives Analysis



FTA Project Development Process





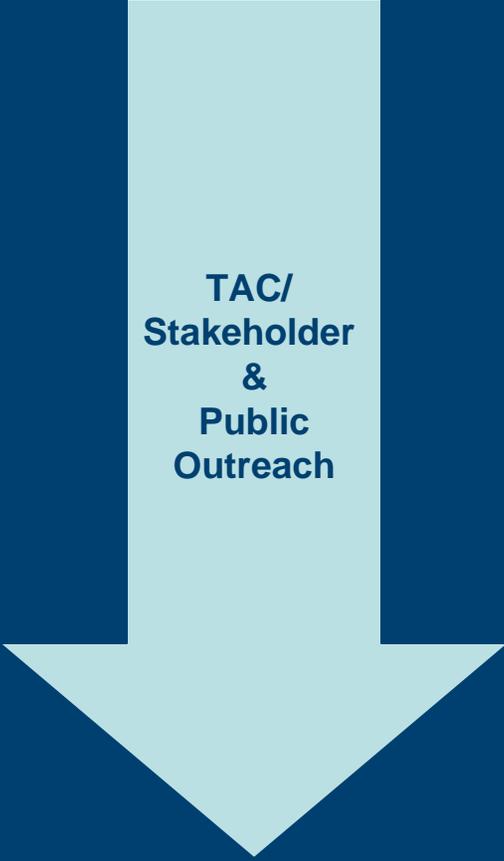
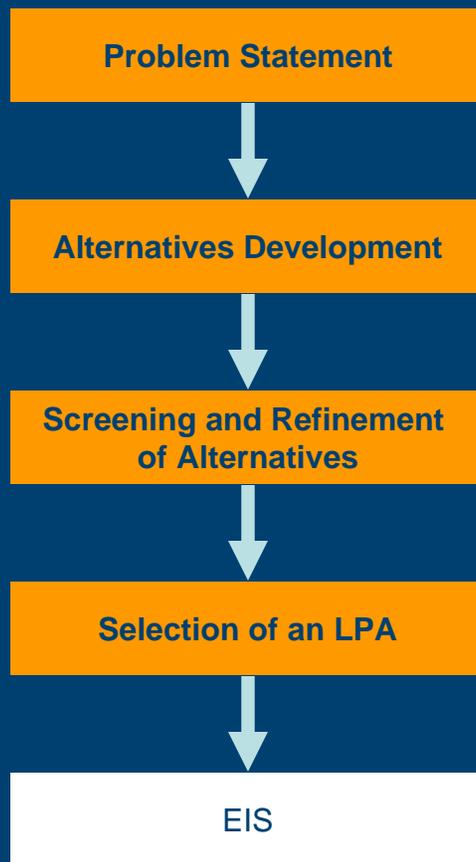
Initial Study Goals

- Enhance Economic Development / Create Jobs
- Improve Mobility
- Financially Implementable
- Effectively Use Public Funds
- Environmentally Sound



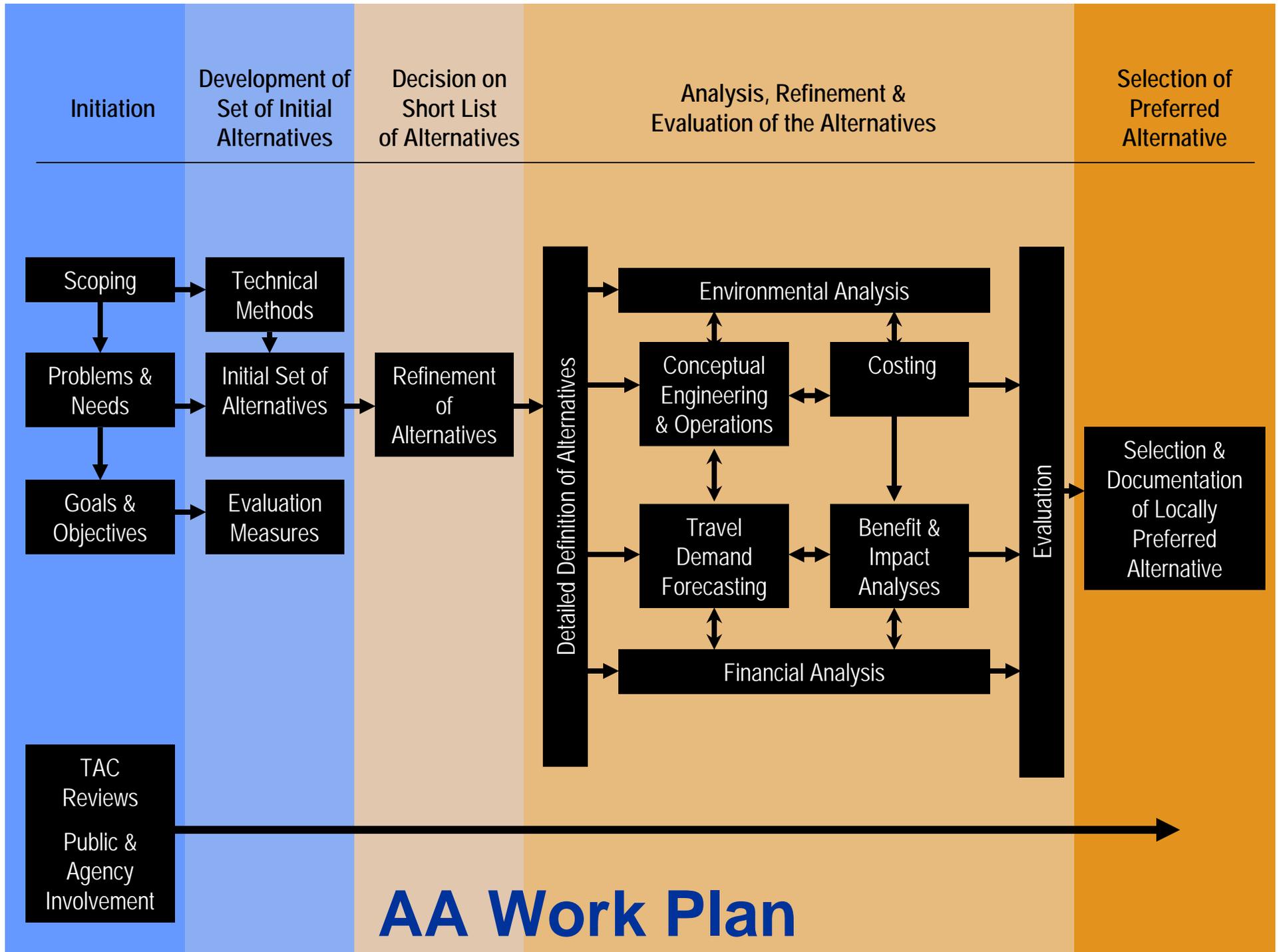


Work Plan



TAC/
Stakeholder
&
Public
Outreach







Travel Market Surveys

Part 1 - LI Bus/Nassau Hub – On-Board Survey:

Purpose:

- Establish A Baseline For Existing Hub-Related Transit Travel
- Collect Data To Calibrate Forecasting Models
- Comply With FTA New Starts Requirement



Travel Market Surveys

Part 1 - LI Bus/Nassau Hub – On-Board Survey:

Insights:

- Geographic Location Of Current Transit Trip Making
- Trip Attributes – Purpose, Number Of Transfers, Access Mode, Egress Mode And Time Of Day
- Traveler Attributes – Income Level, Automobile Dependency



Travel Market Surveys

Part 2 - Stated Preference Survey:

Purpose:

- Understand How Current Users And Non-users Of Transit Respond To Attributes Of Potential Alternatives
- Assess Market Potential For Converting Non-transit Users To Transit Users

Insights:

- Identify Key Attributes For Alternative Development
- Assess Market Potential For Transit Investment



Selection of Locally Preferred Alternative (LPA)

- Ability to Address Study Purpose and Need
- Technical Merits
- Markets Served
- Input from TAC, Stakeholder Committee and Public
- Costs



Outreach

- TAC and Stakeholder Committee Meetings
- Public Meetings/ Open Houses/ One-on-One Meetings
- Printed Media, Fact Sheets, Handouts
- Email Notifications/Distributions
- Project Website





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HOME

ABOUT / FAQ

STAY INVOLVED

STUDY RESOURCES

CONTACTS
& COMMENTS

LINKS

GLOSSARY

WELCOME TO THE NASSAU HUB STUDY WEBSITE

Brief statement describing the website and project highlights

- www.nassauhub.com

UPCOMING EVENTS

- Event 1
- Event 2

GET TO KNOW THE STUDY AREA

[Click Map](#)

WHATS NEW

- Latest Info
- [Quick Links to Meeting Summaries](#)
- [Newspaper Articles](#)

JOIN OUR MAILING LIST*

Name

Email

* Names and addresses provided for this study will only be used for the purpose of providing study information and will not be used beyond this purpose.



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Study Timeline



2010 / 2011

TASK	Spring	Summer	Fall	Winter	Spring
Refine Goals & Objectives		■			
Hold Initial Outreach Meetings		■			
Travel Demand Forecasting		■	■		
Long List of Alternatives		■	■		
Screen Alternatives			■		
Short List of Alternatives			■		
Analyze/Evaluate Alternatives			■	■	
Select LPA					■



Looking Ahead

- Refine Problem Statement, Purpose And Need And Goals And Objectives; Distribute To TAC For Comments
- Develop Alternatives And Evaluation Criteria To Be Discussed At A Late Summer TAC Meeting



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