



**CHAPEL HILL
LONG RANGE TRANSIT PLAN
and
CAROLINA NORTH
TRANSPORTATION IMPACT ANALYSIS**

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Council Workshop on Carolina North
April 8, 2009**



Tonight's Agenda

- Summarize Long Range Transit Plan
 - Recommendations
 - Status
- Transportation Impact Analysis
 - Relationship to the LRTP
- Next Steps
 - Timelines
 - Providing input for the Carolina North Development Agreement



Long Range Transit Plan Summary

- **Plan Objectives**

Define the Chapel Hill/Carrboro Transit Market through 2035

Develop Transit Service Concepts

Prepare Transit Supportive Land Use Guidelines

Identify High Investment Projects and Recommend Implementation Schedule

Develop a Financial Plan

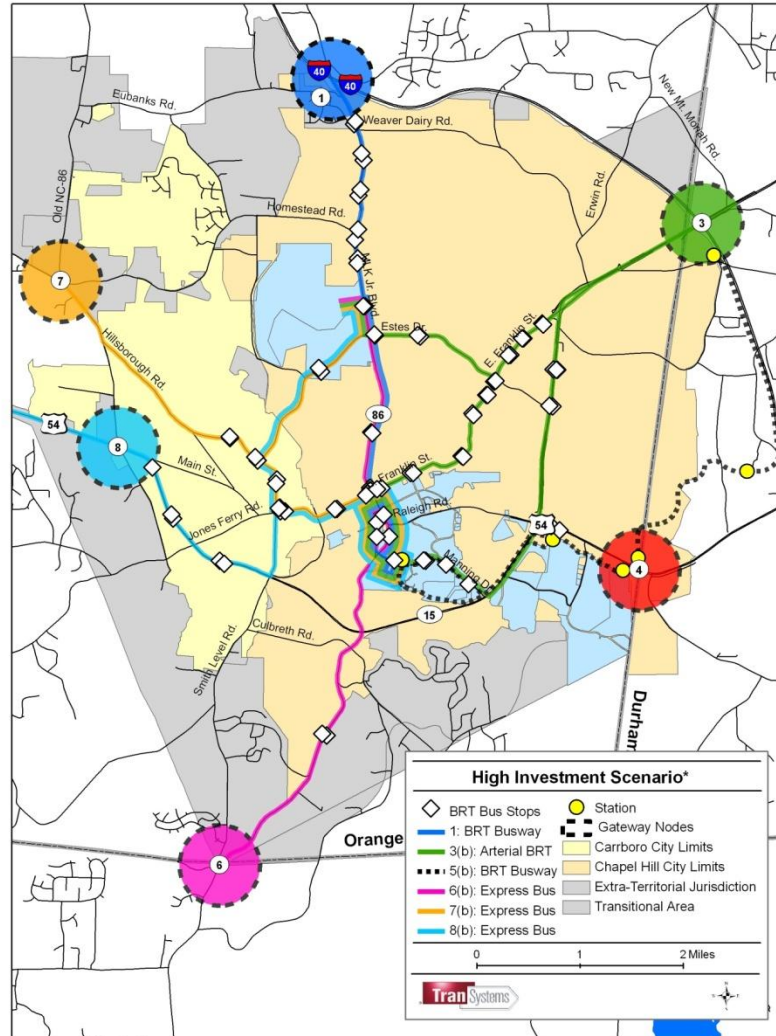


Long Range Transit Plan Summary

- **Recommendations**
 - Utilized population, employment, travel data from adopted Regional plan
 - Vision of Transit system in 2035
 - Framework within which town can respond to future development and growth
 - Major transportation corridors – gateways
 - A higher order of transit
 - Expanded Express Bus, Light Rail, Bus Rapid Transit



CHAPEL HILL LONG RANGE TRANSIT PLAN FRAMEWORK



*Note: Local bus services to have 10 minute peak frequency, covering 87% of 2035 population



Long Range Transit Plan Summary

- Recommendations related to Carolina North
 - LRTP included assumptions about Carolina North
 - Bus Rapid Transit



Bus Rapid Transit

- What is BRT ???
 - A flexible, high performance bus service that combines many characteristics of light rail including physical, operating and system elements into a permanently integrated bus system with a quality image and unique identity.





What is Bus Rapid Transit

- Characteristics
 - High capacity buses
 - High frequency service
 - Dedicated running ways
 - Route structure
 - Upgraded shelters
 - Technology
 - Easy fare payment
 - Unique identity





Transportation Impact Analysis for Carolina North

- **Assess Impact of additional travel on local streets and transit**
- **Use the LRTP as a base**
- **More detailed level of analysis**
 - Check assumptions
 - Short term
 - Various levels of development 800,000 sq. ft.- 3 million sq. ft.
- **Data for development of Short Range Transit Plans**



Short Range Transit Plan

- **Will be developed to support LRTP**
 - Community wide
 - Corridor specific
 - 5 – 7 year horizon with annual element
 - Reviewed and updated regularly
- **Short Range Transit Plan and Carolina North**
 - Identify services to support various levels of development
 - Support development goals
 - Incorporate into Development Agreement



Short Range Transit Plan

- **Components of Short Range Transit Plan**
 - Transit improvements to meet community goals/
Development Agreement
 - Annual operating and capital costs
 - 1 year implementation plan
 - Marketing plans
 - Consistent with LRTP
 - Regular updates



Next Steps

- **Long Range Transit Plan**
 - **May 2009** - Policy Committee review and acceptance
 - **June 2009** – presentation to Chapel Hill/ Carrboro and UNC policy bodies
 - **June / July 2009** - series of public forums
 - **Fall 2009** – council public hearing / plan revision
 - **December 2009** – Council Approval of Final LRTP
- **Carolina North Transportation Impact Analysis**
 - **May 1, 2009** – complete analysis of 800,000 sq. ft.
 - **May 31, 2009** – Identify criteria and mechanisms for Development agreement and Short Range Transit plan



CHAPEL HILL LONG RANGE TRANSIT PLAN

Questions?