



US 64 Corridor Study

Chatham County Transportation Advisory Board
June 22, 2010




Today's Topics

This presentation will cover:

- Brief History of Corridor Study and Process to Date
 - Phase I (2006)
 - Phase II-A
- Recommendations (including changes)
 - Short term
 - Long term
- Where do we go from here?
- Answer questions




STUDY OVERVIEW

<p>Project Sponsors:</p> <ul style="list-style-type: none"> ■ North Carolina Department of Transportation (NCDOT) ■ Capital Area Metropolitan Planning Organization (CAMPO) ■ Chatham County ■ Wake County ■ Town of Pittsboro ■ Town of Apex ■ Town of Cary 	<p>Members of Study Team:</p> <ul style="list-style-type: none"> ■ Federal Highway Administration (FHWA) ■ US Army Corp of Engineers (USACE) ■ North Carolina State Parks Service ■ North Carolina Turnpike Authority (NCTA) ■ Triangle Area Rural Planning Organization (TARPO)
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Study Outcome – “Products”

What will be the products of the study?

- US 64 Corridor Study Report
 - Long-term Plan of Improvements
 - Short-term Plan of Improvements
 - Implementation Plan
 - Land Use Strategies
- Agreements between Study Partners (MOU/MOA)
- “Council of Planning” for Corridor
 - Consisting of Counties, Towns, NCDOT and other State Agencies




PROJECT OVERVIEW

What is the Purpose of the Study?
To Develop a Master Plan to:

- Upgrade US 64 to a freeway
 - From US 64 Bypass/US 64 Business Split to west of Jordan Lake
 - From east of Jordan Lake to NC 540
- Upgrade US 64 to an expressway
 - Across Jordan Lake
 - From NC 540 to the US 1/US 64 interchange in Cary





STUDY OVERVIEW

What is the Purpose of the Study?

To Develop a Master Plan for the Corridor:

- Upgrade US 64 to a freeway
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- Upgrade US 64 to an expressway
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Short-term Solution

- Goal is to enhance mobility, safety and pedestrian needs at the major intersections along US 64 at a minimal cost

Long-term Solution

- Goal is to develop a master plan to preserve and enhance mobility and safety along US 64, while balancing community access and interests for the design year 2035.





STUDY PROCESS

- Community Workshop #1 held in May 2008
- Community Workshop #2 held in April 2009
- Study team reviewed comments and developed the Recommended Long-term Solution (Alternative 4)
- Conducted Land Use Assessment along the Corridor
- Developed Recommended Short-term Solutions
- Developed Implementation Plan
- Draft Corridor Study Report Released for Public Comment May 5, 2010
- Public Comment Period Ends June 30, 2010



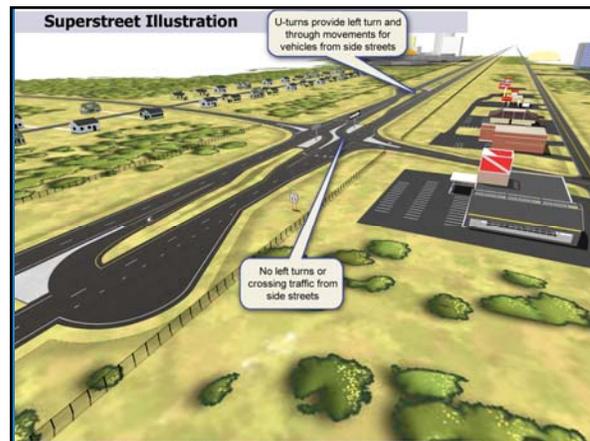

COMMUNITY OUTREACH

- 3 Newsletters – March 2008, May 2008 and April 2009
- Workshop #1 – May 19-20, 2008
- Workshop #2 – April 27-28, 2009
- Community Meeting – July 16, 2009
- Wake County Stakeholder Workshop – Oct. 22, 2009
- Wake County Stakeholder Follow-up Meeting – Dec. 16, 2009
- 7 Small Group Meetings
 - Chatham County Board of Commissioners – April 21, 2008
 - Chatham County Board of Commissioners – April 20, 2009
 - Regional Transportation Alliance Meeting at Apex Chamber of Commerce – June 10, 2009
 - Triangle Rural Planning Organization – Rural Technical Advisory Committee – June 18, 2009
 - Save64.org Meeting at NCDOT – June 30, 2009
 - Regional Transportation Alliance Meeting at Cary Town Hall – July 1, 2009
 - Chatham County Board of Commissioners Meeting – July 20, 2009




RECOMMENDED SHORT-TERM IMPROVEMENTS

- Recommendation is to construct a Superstreet at major intersection and modifying median openings at other intersections
- Improves traffic flow and extend the useful life of the facility
- Should be implemented within the next 5-10 years, if funding is available
- Provides a safe facility with adequate traffic operation



RECOMMENDED LONG-TERM IMPROVEMENTS

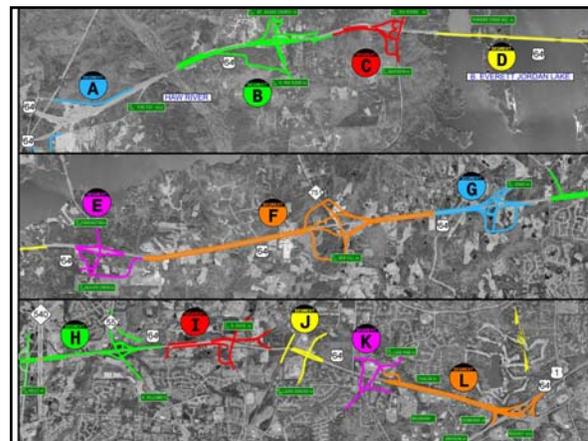
- Ultimate goal is to upgrade to a freeway and expressway.
- Implemented over an extended period of time (15+ years)
- Includes:
 - Interchanges at Mt. Gilead Church Rd/Pea Ridge Rd, Big Woods/Seaforth Rd, Farrington Rd, NC 751
 - Multi-use path from Haw River to Apex, across Jordan Lake
- Recommendations based Public and Professional Staff input

IMPLEMENTATION PLAN

- Recommends priority order of implementation of short-term and long-term improvements

Segment	Failure Year	
	Existing Condition	Short-term Improvements
A – West of Haw River	2015*	2040
B – Mt. Gilead Church/North Pea Ridge Intersection	2020	2040
C – Big Woods Road/Seaforth Road Intersection	2015*	2040
D – Jordan Lake Area	2030	N/A
E – Farrington Road/Beaver Creek Road Intersection	2020	2040
F – NC 751/New Hill Road Intersection	2010	2025
G – Jenks Road Intersection	2010*	2025
H – Kelly Road/NC 540/Green Level Church/NC 55 Area	2025	N/A
I – Davis Drive Interchange Area	2025	N/A
J – CSX Railroad Crossing/Laura Duncan Road Area	2010	2025
K – Lake Pine Drive Intersection	2010	2025
L – East of Lake Pine Drive to US 1 Interchange	2010	2025

* Denotes failure year for existing intersections that are unsignalized.



Short Term – Fire Fox Trace

Superstreet with Direct Major Street Left Turn

Long Term – Fire Fox Trace

Access closed and new roadway constructed to provide access to Hanks Chapel Road and US 64 Business

64 **CHATHAM** **WAYNE**

Short Term – Mt. Gilead Church/N. Pea Ridge Road



Superstreet with Direct Major Street Left Turn



64 **CHATHAM** **WAYNE**

Long Term – Mt. Gilead Church/N. Pea Ridge Road



Compact Diamond Interchange



64 **CHATHAM** **WAYNE**

Short Term – Big Woods/Seaforth Road

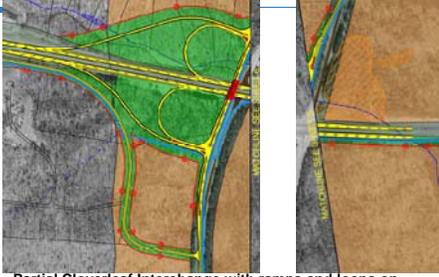


Superstreet with Direct Major Street Left Turn



64 **CHATHAM** **WAYNE**

Long Term – Big Woods/Seaforth Road



Partial Cloverleaf Interchange with ramps and loops on west side of Big Woods/Seaforth Road



64 **CHATHAM** **WAYNE**

Short Term – Farrington/Beaver Creek Road



Superstreet with Direct Major Street Left Turn



64 **CHATHAM** **WAYNE**

Long Term – Farrington/Beaver Creek Road



Compact Diamond Interchange



Short Term – NC 751/New Hill Road

Superstreet with Direct Major Street Left Turn

PLAN CHANGES – LONG TERM

- Changed design on NC 751/New Hill Road interchange to minimize footprint

Long Term – NC 751/New Hill Road

Tight Diamond Interchange with US 64 relocated to the north

Where do we go from here?

What is the study process – moving forward

- US 64 Draft Corridor Study Report
 - Public Comment Period until June 30, 2010
- Corridor Study Team meets to discuss public comments and make any revisions to plan (September 2010)
- Form Council of Planning for US 64 Corridor
- CAMPO works with local officials to determine if there is support for plan and determine if it will be provided to TAC with a recommendation to take action on the recommendations (Sept./Oct. 2010)

QUESTIONS?

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Project Website
www.ncdot.org/~US64study