

**Moore County
November 2011**

**Charrettes and Long-range
Planning Process**

<http://www.ncdot.gov/projects/moorechoices/>





Preservation of Local Character.



Mounting congestion on local roadways.



US 1 Corridor



Small Communities Impacted by Growth



Cultural and Environmental Resources



Public Safety



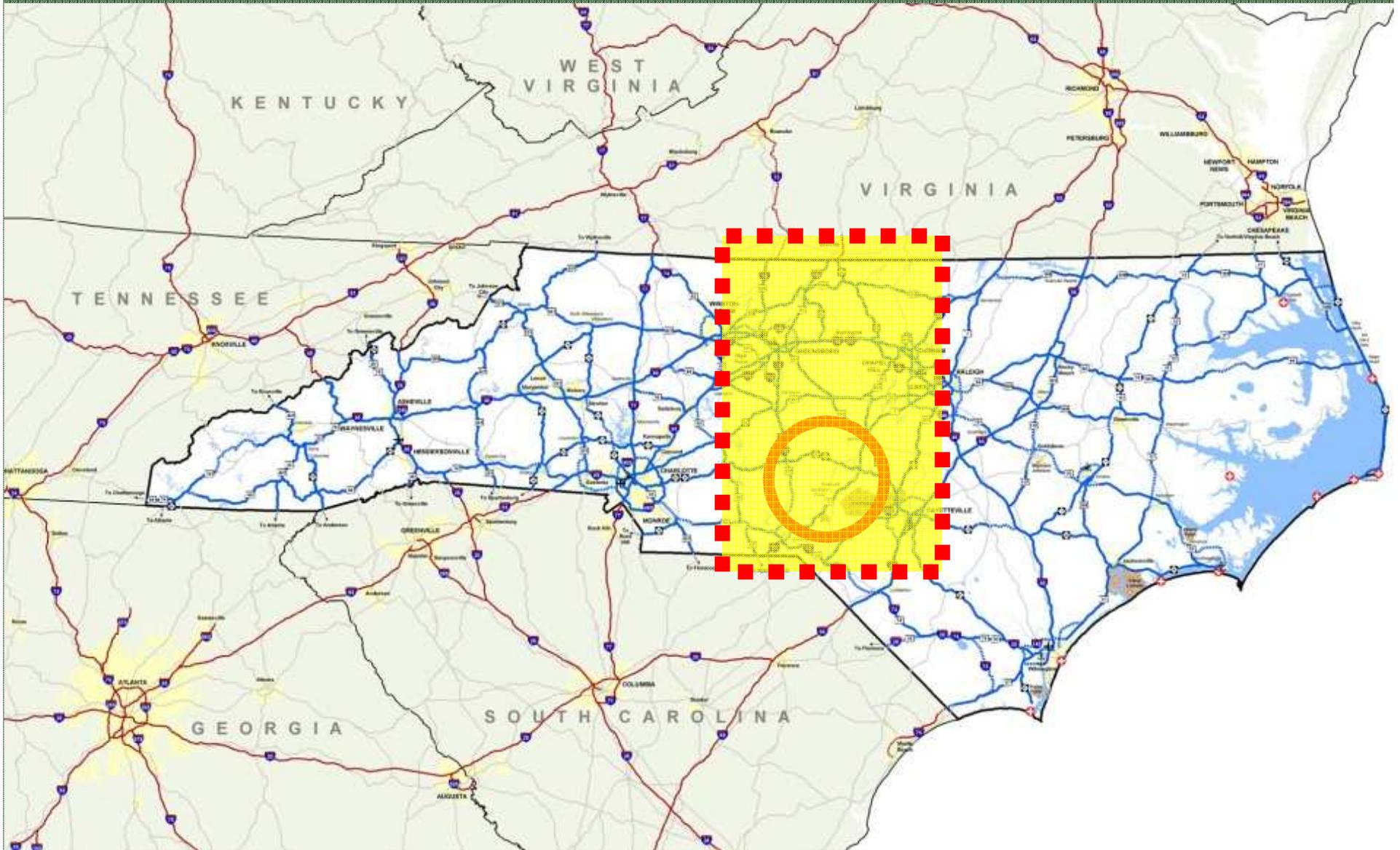
Community Vision.

Moore County Charrettes and Long-range Planning Process

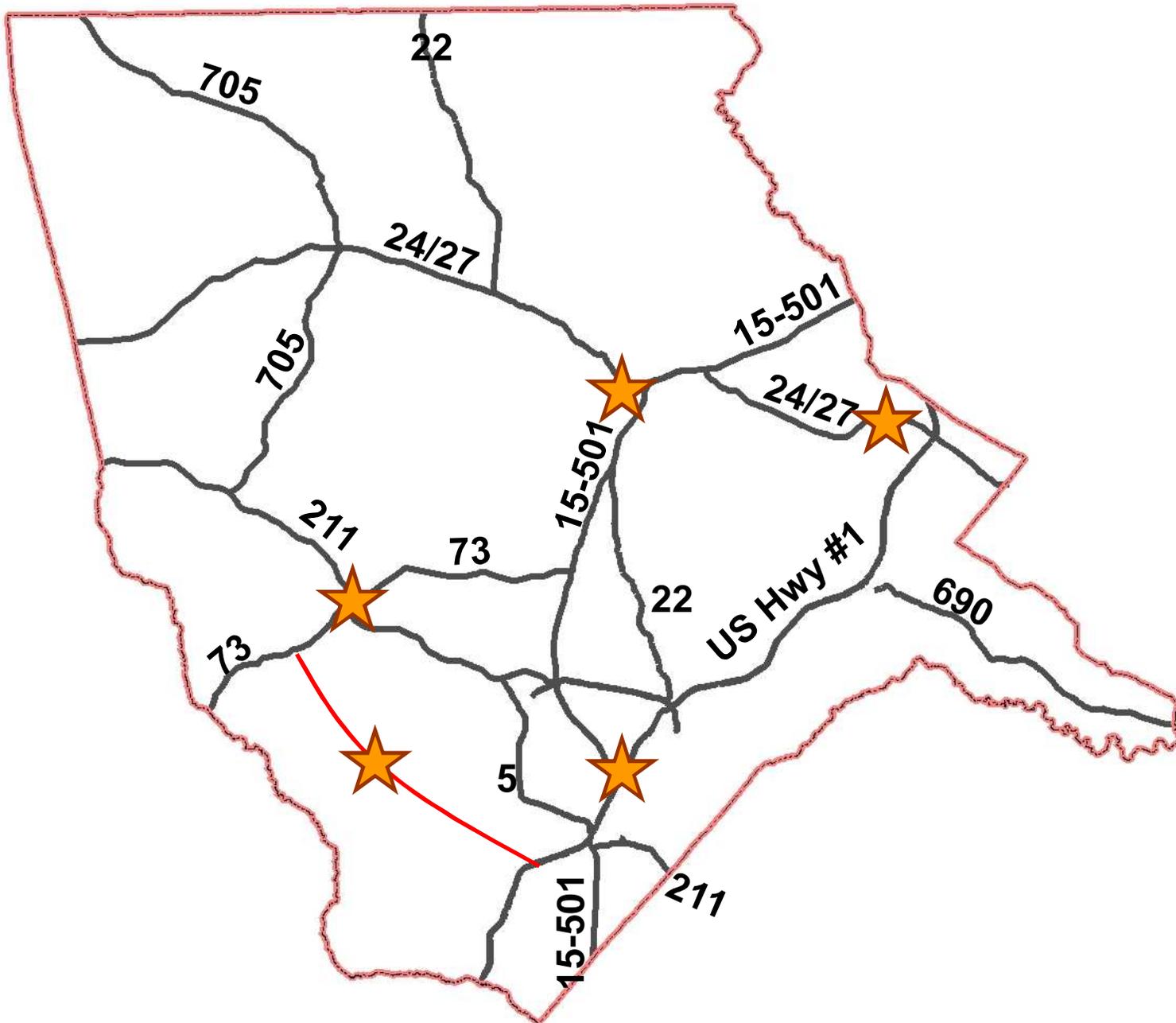
What are the **Problems??**

What are the **Needs??**

Where is Moore County?



Moore
County's
Pieces of the
Puzzle



Cameron

West End

Carthage

Western
Connector

US 1

We Need Your Help

Finding the solutions to the following problems...

- Public Safety
- Local and regional congestion
- Statewide mobility
- Local concerns

Carthage: What are the Problems?

NC 24/27: Provides a direct route between Charlotte, Fayetteville, and Jacksonville. Links three major military bases: Camp Lejeune , Fort Bragg , and Pope Air Force Base.

- **Public Safety:** High truck and pedestrian volumes in central business district.
- **Local and regional congestion:** NC 24/27 peak hour traffic is an existing issue; population growth expected to continue in a positive trend.
- **Statewide mobility :** NC 24/27 is a Strategic Highway Corridor. Based on future mobility, connectivity, and safety needs; it will need to be upgraded to an Expressway.

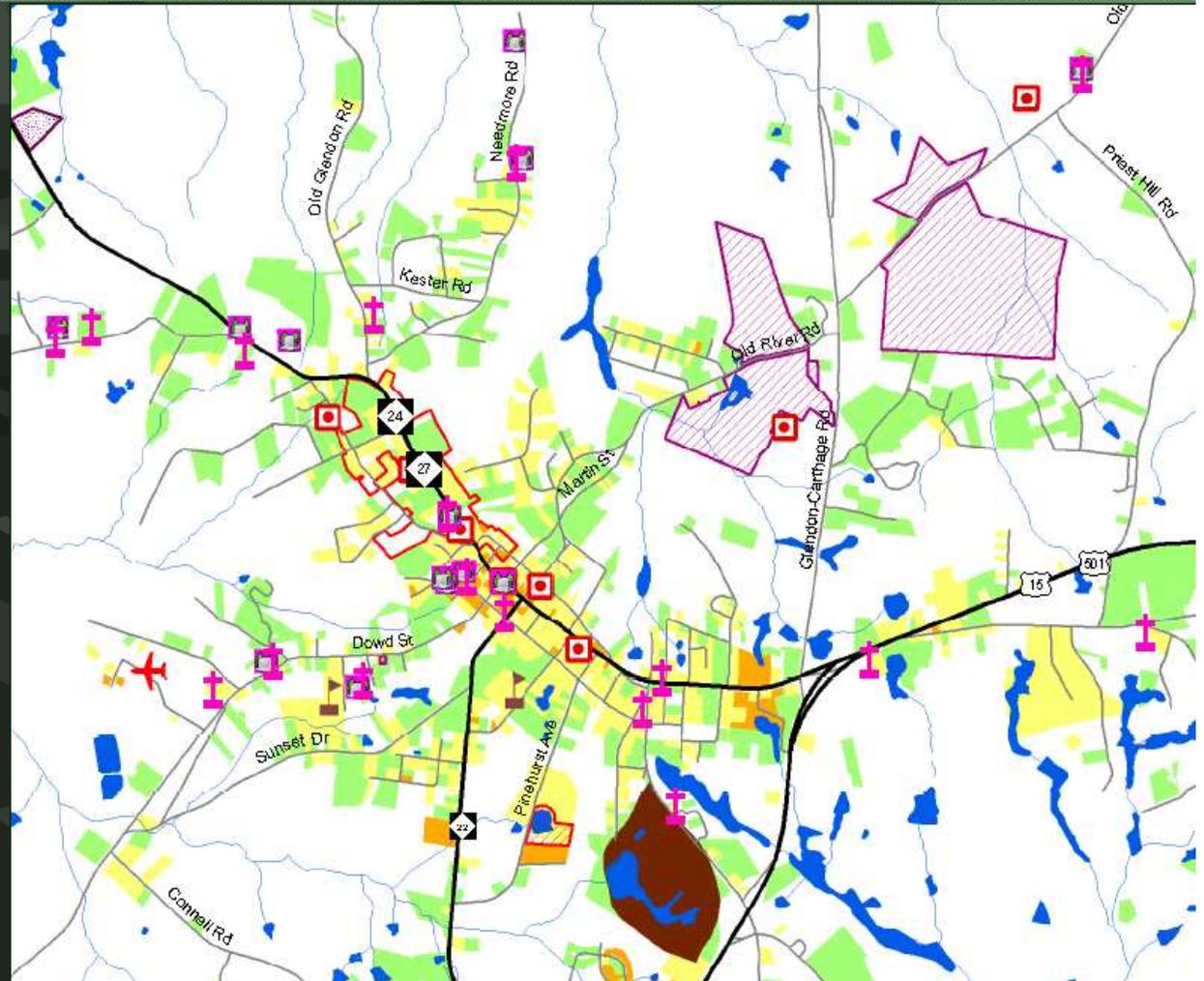
(Expressways have at least 4 lanes, limit driveways, are divided by medians, have no traffic signals, and limit left turns to designated points along the roadway. Speeds are between 45-60 mph.)

What are Your Solutions?

Carthage Other: Potentially significant environmental impacts to the south, population density is more concentrated to the south, and central core has many historic and cultural elements.

Preservation of resources and considerations:

- Community Property
- Cultural Resources
- Environmental Impacts
- Water supply
- Service Providers
- Development
- Voluntary Agricultural Districts
- Public Recreational Areas
- State and Federal Lands



What are Your Priorities?

Cameron: What are the Problems?

- **Public Safety:** High truck volumes through central business district, significant pedestrian traffic, and few pedestrian accommodations.
- **Statewide mobility :** NC 24/27 is a Strategic Highway Corridor and based on future mobility, connectivity, and safety needs; it will need to be upgraded to an Expressway.

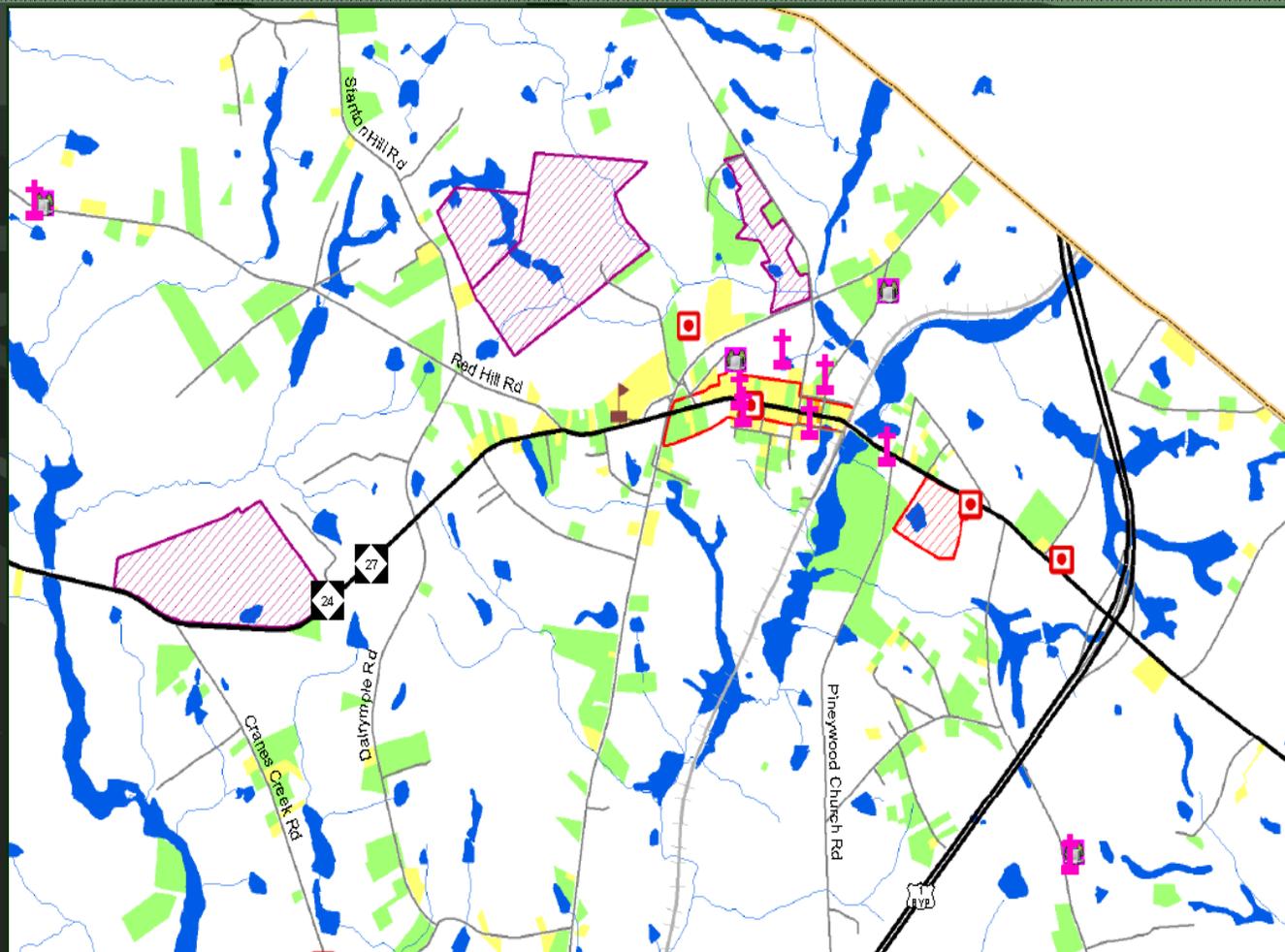
(Expressways have at least 4 lanes, limit driveways, are divided by medians, and limit left turns to designated points along the roadway. Speeds are between 45-60 mph.)

What are Your Solutions?

Cameron Other: Economic development and preservation of local character.

Preservation of resources and considerations:

- Community Property
- Cultural Resources
- Environmental Impacts
- Historic Properties
- Service Providers
- Development
- Voluntary Agricultural Districts
- Public Recreational Areas
- State and Federal Lands
- Economic Development
- Land Use Planning



What are Your Priorities?

US 1: What are the Problems?

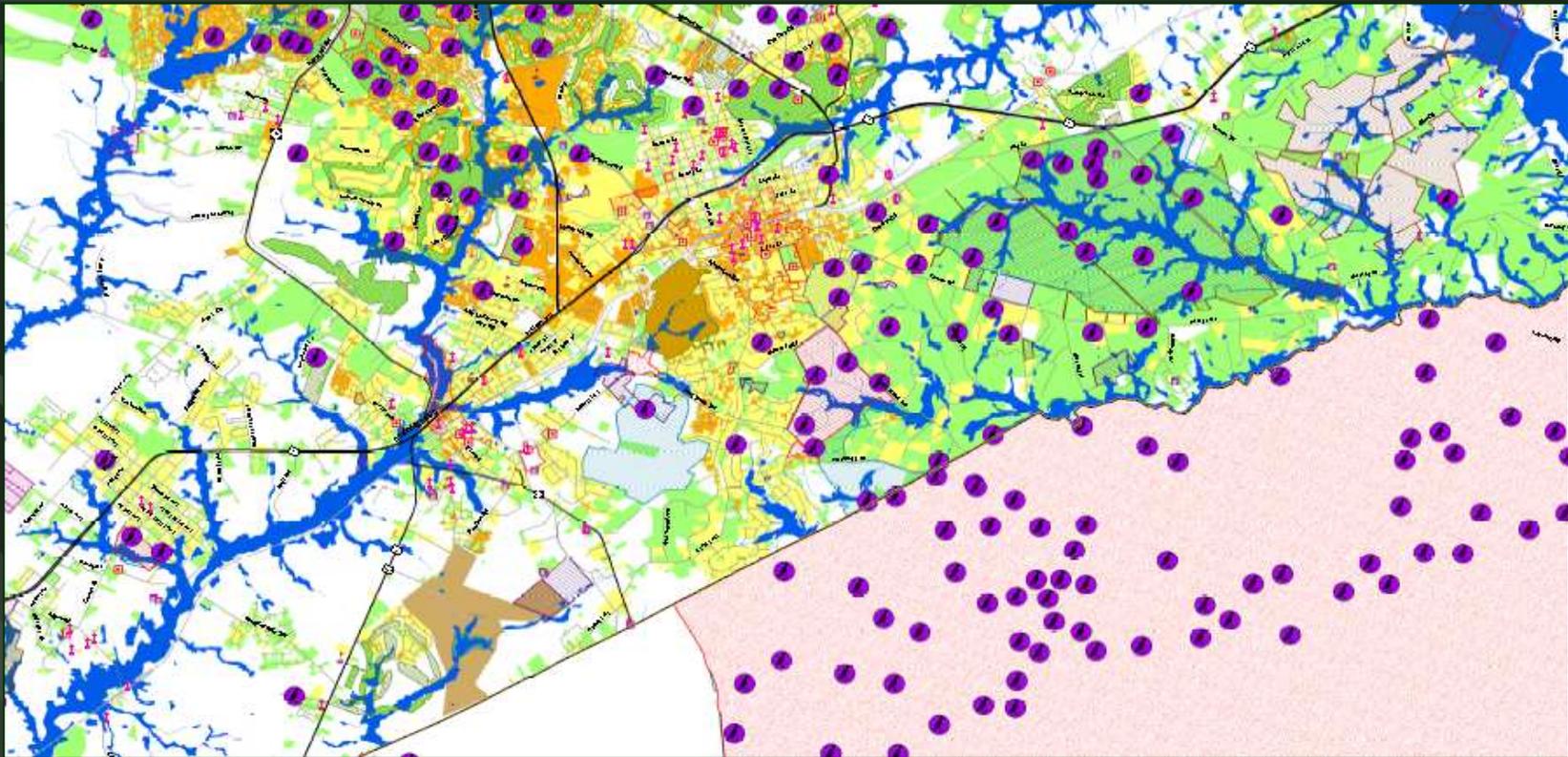
- **Public Safety:** Existing 5-lane section and current traffic volumes create unsafe conditions for vehicles turning left onto US 1.
- **Local and regional congestion:** Current congestion during peak hours and events, traffic volumes exceed 40,000 vehicles per day near NC 211 and 15-501 intersections.
- **Statewide mobility:** US 1 is a Strategic Highway Corridor and based on future mobility, connectivity, and safety needs; it will need to be upgraded to a Freeway.

(Freeways have at least 4 lanes, are divided by medians, and provide access at interchanges only. Speeds are 55 mph or greater. There are no driveways or traffic signals.)

What are Your Solutions?

US 1 Other: US 1 is a densely urbanized corridor and farmland to the east provides habitat for endangered species, is a Moore County cultural resource as well as an important asset to the local tourist industry.

Preservation of Resources and Considerations: Cultural resources, Walthour-Moss Foundation, economic impacts to business district, environmental impacts, endangered species, service providers, development, voluntary agricultural districts, public recreational areas and state/federal lands.



What are Your Priorities?

Western Moore County:

What are the Problems?

- **Public Safety:** Congestion on NC 5, US 1, US 15-501, NC 211; truck traffic using rural roads to bypass urban congestion (**crashes result from turning vehicles**)
- **Local and regional congestion:** Peak hour congestion along NC 5, US 1, US 15-501, NC 211, and NC 2; population growth; and new developments proposed in the western areas of the county.
- **Statewide mobility :** US 15-501, US 1, NC 5, NC 211 are all key roadways used by our state's industrial and commercial stakeholders as well as by the traveling public.

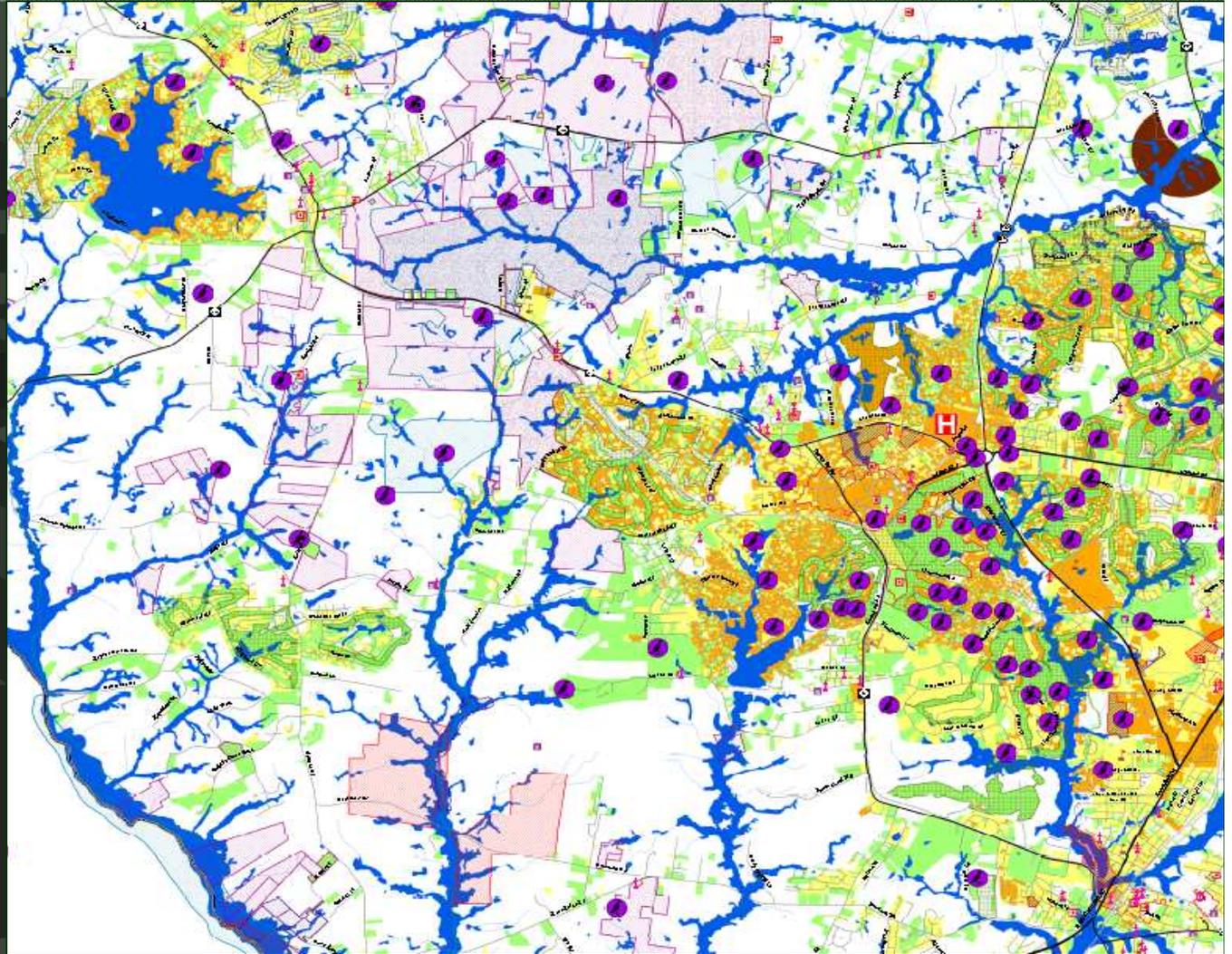
To maintain mobility and support the economic welfare of the state's transportation stakeholders; solutions to existing and future congestion along these roadways need to be explored.

What are Your Solutions?

Western Moore County Other: A 4-lane, divided roadway will be needed to provide east-west connectivity. Improving existing roadways would impact developments and provide a longer route. New roadway location would have significant impacts to environmental resources, farming communities, and planned development.

Preservation of resources and considerations:

- Cultural Resources
- Environmental Impacts
- Voluntary Agricultural Districts
- Endangered Species
- Service Providers
- Development
- Public Recreational Areas
- State and Federal Lands



What are Your Priorities?

West End: What are the Problems?

The West End community is centered at the intersection of NC 73 and NC 211.

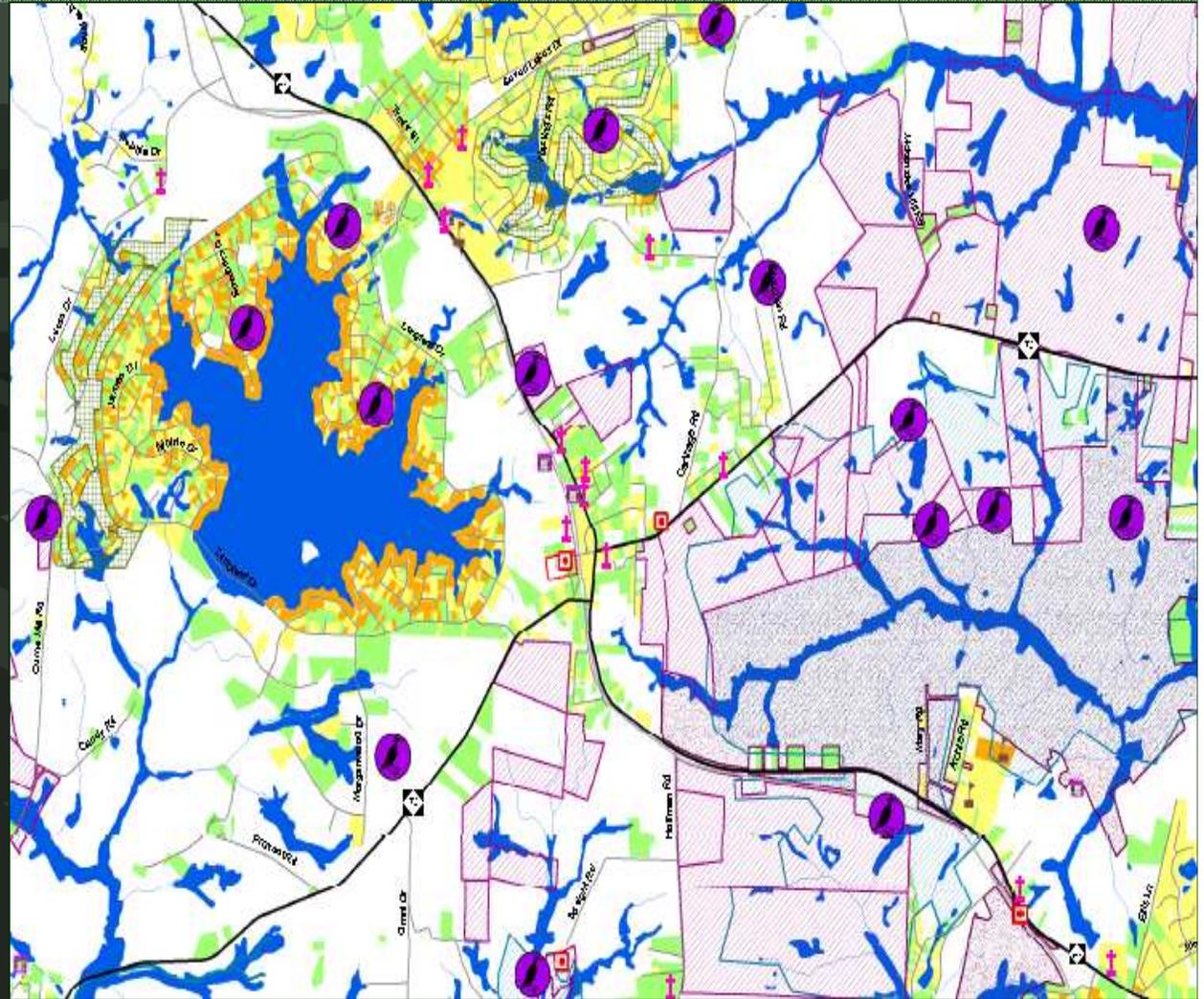
- Residents living in the western areas of the county depend upon NC 73 and NC 211 for passage through West End and to amenities in the east.
- Three transportation improvement projects pose potential impacts for the West End community: the widening of NC 211, the realigning of NC 73, and the locally requested widening of NC 73 that is under study.
- Improving a suitable route from the western areas in the county to the east, would provide a fourth project.

What are Your Solutions or Concerns?

West End Other: What is the best way to provide passage from the western areas of the county through the West End community to the amenities in the east?

Preservation of resources:

- New Development
- Cultural Resources
- Voluntary Agricultural Districts
- Environmental Impacts
- Service Providers
- Recreational Areas
- East-west Connectivity
- State and Federal Lands



What are Your Priorities?

Finding Common Ground



I'll Bring the Strings
You Bring the
Ribbons...

Strings & Ribbons

- **Welcome to Strings & Ribbons**
 - This game was designed as a fun way for residents to help transportation planners determine the transportation priorities for your County.
 - The game is an effective tool for residents to work with their neighbors and friends to communicate what are their transportation needs and what elements are important for planners to consider as they develop recommendations for the Comprehensive Transportation Plan for Moore County.

Strings & Ribbons

Let's make it work!!!!

- There is a lot of incorrect information floating around—Let me set the record straight
- It's a new day
- Comprehensive Transportation Planning looks at the entire county and plans for 25-30 years in the future
- The plan will make recommendations to be further studied and evaluated—**IT DOES NOT SET ALIGNMENTS!!!!**

Strings & Ribbons

Answers to some questions

- **Why?**—why is a comprehensive plan needed?
- **Who?**—who will be making these decisions?
- **What?**—what are the transportation needs?
- **When?**—when will we know what is to be constructed?
- **How?**—how can you influence the process?

Strings & Ribbons

- **Why?**

- The Rural Planning Organizations across the state in collaboration with municipal planners, county planners, and NCDOT determine the transportation needs and priorities for their region.
- Comprehensive Transportation Plans (CTP) are developed for municipalities and/or counties depending on the need.
- Each local entity (municipality, its county, and the RPO) adopts their CTP.
- **The CTP is only a list of recommendations for further study.**

Strings & Ribbons

- **Why?...continued**

- Then, the Board of Transportation also adopts the CTP **provided it is consistent with the projected needs of the statewide transportation system.**
- Only after adoption by local entities and the State Board of Transportation can the recommendations of the CTP **move toward funding** and further study.
- Each local priority then has to compete against the other projects submitted to NCDOT from other regions across the state.
- **There are more needs than funds!**

Statewide Consistencies



Defining Strategic Highway Corridors

The primary purpose of the Strategic Highway Corridors is to:

- ✓ Provide a network of high mobility, safe and reliable highways throughout North Carolina
- ✓ Select corridors focused on providing mobility; connectivity to activity centers and other major routes; and safety. Activity centers include urban areas with a population of 20,000 or greater, state seaports, major airports, major intermodal terminals, major military installations, University of North Carolina system campuses, trauma centers, and major tourist attractions.

These reflect statewide needs and determines how NC fits into the national transportation system

Strings & Ribbons

- **Who?**

- Planning is a collaborative process
- It includes the Triangle Area Rural Planning Organization (TARPO), residents, stakeholders, elected officials and transportation planners from the County & each municipality as well as NCDOT
- Together you will build a consensus on the requirements of the transportation system and the transportation needs of Moore County's towns and cities
- Combined these needs become the recommendations of the Comprehensive Transportation Plan
- The Plan **DOES NOT** recommend **nor** determine alignments—it simply recommends solutions to the needs identified that can **move forward to funding & evaluation**

Strings & Ribbons

- **What?**
 - Needs identified by TARPO could add up to more than \$1.5 billion dollars conservatively.
 - This \$1.5 billion does not include needs or solutions that the residents could identify.
 - **There are more needs than funds**
 - Play Strings & Ribbons to suggest solutions to the System needs and the County needs

Strings & Ribbons

- **When?**

- The Comprehensive Transportation Plan outlines the potential transportation recommendations for the County for the **next 25 to 30 years.**
- These recommendations will be slated for further study through an environmental evaluation process which will include further public involvement.
- An environmental document will be submitted to the Federal Highway Administration for approval.
- **Nothing is scheduled for construction.**

Strings & Ribbons

- **How?**

- Participate in the Comprehensive Transportation Planning Process
- Identify County & Municipal needs and problems
- Identify County & Municipal resources and assets that should be preserved and protected
- Suggest solutions to the County & Municipal transportation needs
- Continue to be involved through the environmental evaluation phase until solutions are approved by the Federal Highway Administration

Strings & Ribbons

Game Setup

You will be asked the following:

- ✓ To select and mark your priorities—limited to 5
- ✓ To list your transportation needs—new roads, expand existing roads, stop lights, sidewalks, bus routes, etc.
- ✓ To suggest solutions to the County problems described in the presentation and are included in your handout
- ✓ Each table determines which area map to begin with
- ✓ You are **NOT** required to work on each map
- ✓ You are **NOT** required to draw a line on the map, but you are encouraged to show the planners your solutions

Strings & Ribbons

- **LET'S PLAY STRINGS & RIBBONS**

- **Game Pieces**

- Maps of focus areas
 - Colored markers for the maps
 - Mo' Money to pay for solutions
 - Labels to mark bridges, wetlands, cultural resources and other areas to be protected
 - Calculators
 - Strings to measure distances
 - Cost sheet for a variety of highway components
 - Tally sheet to record purchases
 - Survey of questions
 - Handout illustrating the County transportation problems
 - Comment Sheets to tell us how you feel about the game and how we can improve it

Strings & Ribbons

- Object of the Game
 - To identify transportation needs and suggest solutions
 - The needs include those identified in the presentation and those that players select
 - Each table is a community and has a total of \$400 million divided evenly between all the players
 - You can use your money to pay the banker for your Solutions—a bridge, a suggested route around an environmental area, a stop light, bus route, etc.
 - You can pay for these items individually or with other players at your table.
 - The game is over when the \$400 million is exhausted

Strings & Ribbons

- **Game Tips**

- Your banker **CANNOT** participate in the game or offer an opinion—but can answer questions
- The banker **can** clarify items on the map and help the table make calculations
- The banker will record on the tally sheet your individual list of priorities, your list of needs and each purchase made by the table and a picture will be taken of each map at the conclusion of the game
- **Your purchase is final**, so be sure of your purchase before you pay the banker

Strings & Ribbons

- **Game Tips**

- **Be careful leaning on the map**

- The pens are wet erase and can rub off on your clothes

- At the end of the game each player will sign the tally sheet confirming that it correctly reflects your priorities, needs and your purchases for your table

- **All maps and tally sheets** are to be turned into your banker so that a picture can be taken for the website and the tally sheets can be recorded and compiled by meeting date & location and then combined with all of the sheets.

Strings & Ribbons

- **Reporting Results**
 - When all tables have spent all their funds, random tables will be asked to report their priorities, needs and purchases to the entire room
 - All the priorities, needs and purchases will be recorded during each game session
 - The results of each game session will be posted on the Moore County Transportation website along with a compilation of all game session results

Strings & Ribbons

- Reminders
 - The game is to identify priorities, needs, and possible solutions-- **NOT ALIGNMENTS**
 - Label all resources that should be preserved, protected, avoided or not impacted
 - Use your string to select paths that avoid those resources
 - Spend all of the \$400 million
 - Feel free to combine funds with other players to achieve a goal
 - Listen and learn about priorities, needs and possible solutions of other players at your table

Strings & Ribbons

Let's review the
Ground Rules

Strings & Ribbons

LET'S BEGIN

HAVE FUN!!!!!!