

DETOUR
FIND ANOTHER WAY THERE

The Next Steps

NCDOT Transportation Planning Branch

TARPO

Moore County Planning
and Community Development

With the

MCTC'S TCC

EXTRORDINAIRE

The Moore County Comprehensive
Transportation Plan

JANUARY 6, 2011





Back to the Basics and the Standard CTP Process

Weathering the Storm

- **Clear Vision For Decision Making Process**
- **Go back to County and Municipal Land Use Goals and Objectives.**
- **Add Local Priorities from Charrettes**
- **Add Statewide Vision and Goals**
- **Develop a Unified Decision Making Process**

Developing a Vision Statement CTP Style

TCC Homework for MCTC Meeting January 25th. Please send prior to meeting so that I can incorporate into the presentation for cut and paste. Not to worry, we can always add to what we start with....

First Ask:

1. What would the Vision Statement be for your jurisdiction?
2. What would your jurisdiction's end goals be for its future transportation system.

Then:

3. List all the key elements that are important for your jurisdictions future transportation and land use goals.
4. Pick and prioritize the major objectives that incorporate those elements.

Last: Can you measure it?

Goals and Objectives should be quantifiable. Can you test them to see if you were successful in five years? Ten years?



STATEWIDE GOALS AND OBJECTIVES

1. Vision/Mission: *Connecting people and places in North Carolina - safely and efficiently, with accountability and environmental sensitivity.*

2. NCDOT Goals: *Make our transportation network **safer**; Make our transportation network **move people and goods more efficiently**; And Make our **infrastructure last longer**.*

3. Key Elements for NCDOT

- Public Safety, Mobility, Connectivity;
- Economic and Environmental Stewardship;
- Support the economic growth and vitality;
- Enabling local, regional, state and global competitiveness, productivity, and efficiency;
- Protect and enhance the environment, promote energy conservation;
- Improve quality of life;
- Enhance the integration and connectivity of the transportation system for people and freight;
- Emphasize the preservation of the existing transportation system.
- Congruency with national transportation system plan, statewide transportation plan, and SHC's Vision Plan;
- Compliance with statewide regulations and policies;



STATEWIDE GOALS AND OBJECTIVES Continued.....

4. Objectives and Goals

- Provide a network of high mobility, safe and reliable highways throughout North Carolina.
- Protect and preserve select corridors focused on providing mobility; connectivity to activity centers and other major routes; and safety.
- To serve the mobility needs of people and freight and foster economic growth and development within and through urbanized areas.
- Minimize transportation related fuel consumption and air pollution



DEVELOPING COUNTY LAND USE GOALS AND OBJECTIVES

Taken from Land Use Plan as an Example (by
Frances not MC Planning Dept.)

Vision: ? not sure yet?

Goals?

Important Elements:

- **Preserve farmland, maximize use of existing roads.**
- **“Use land-use zoning wisely”** and **“balance community interests with private interests.”** Transportation system should be consistent and in tandem with future land-use zoning.
- **Develop a Land Classification System** which designates growth areas and rural/conservation areas. **Why not do the same with roadways? CTP?**
- Recognize that urban-like sprawl in rural areas increases the cost of services for everyone – prevent sprawl thereby minimizing tax increases.
- Citizen concerns about the **impact of growth and development on environmental quality** were the strongest and most consistent across the board.



DEVELOPING COUNTY LAND USE GOALS AND OBJECTIVES.....(Examples by Frances)

- Concerns about development centered around **quality growth** which would **limit sprawl** and **cluster commercial development**, **planned infrastructure to keep pace with growth** according to an overall plan, the need to **promote a sustainable economy**, and a **careful analysis of the need for new roads**.
- Overall, **growth** should be directed to areas of the county equipped with utilities to serve it and **should not outpace the county's ability to provide adequate infrastructure**.
- **Work with the Department of Transportation**, or hire an unbiased traffic expert, to prepare a new County Thoroughfare Plan that considers **separating local traffic from through traffic**.
- **Encourage municipalities to consider alternatives to the automobile** in their Transportation Planning efforts.
- Consider new zoning regulations that **allow for mixed use developments** to encourage communities where people can work and live.
- Consult with the **Department of Transportation** regarding traffic light needs especially at **busy intersections** (NC211, US15/501 Eastwood).

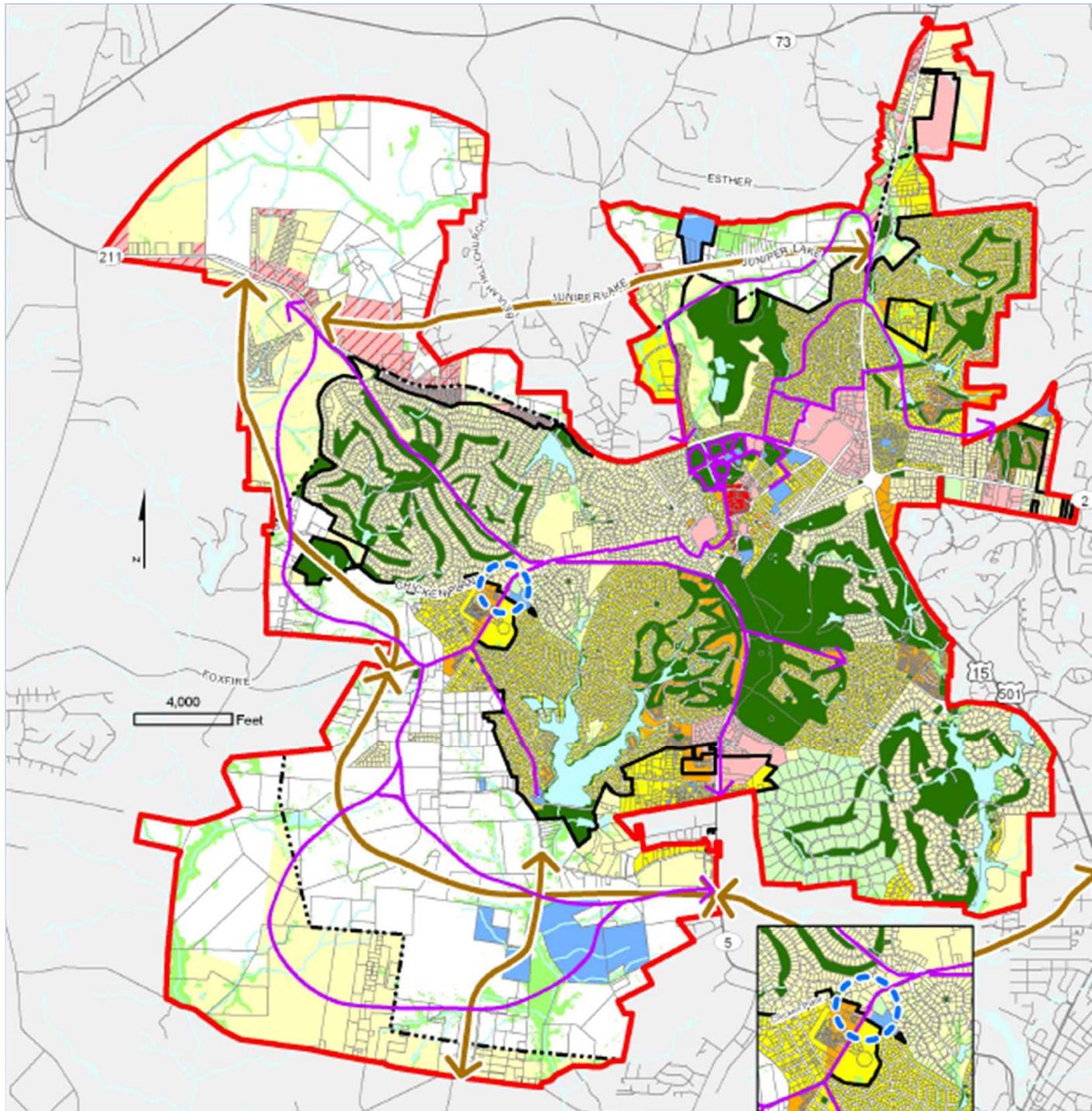
Then think about what these mean in terms of transportation. Go back to Goals and then Visions

MUNICIPAL GOALS AND OBJECTIVES

- Aberdeen
- Cameron
- Carthage
- Foxfire
- Pinebluff
- Pinehurst
- Robbins
- Seven Lakes
- Taylortown
- Vass
- Whispering Pines
- Woodlake

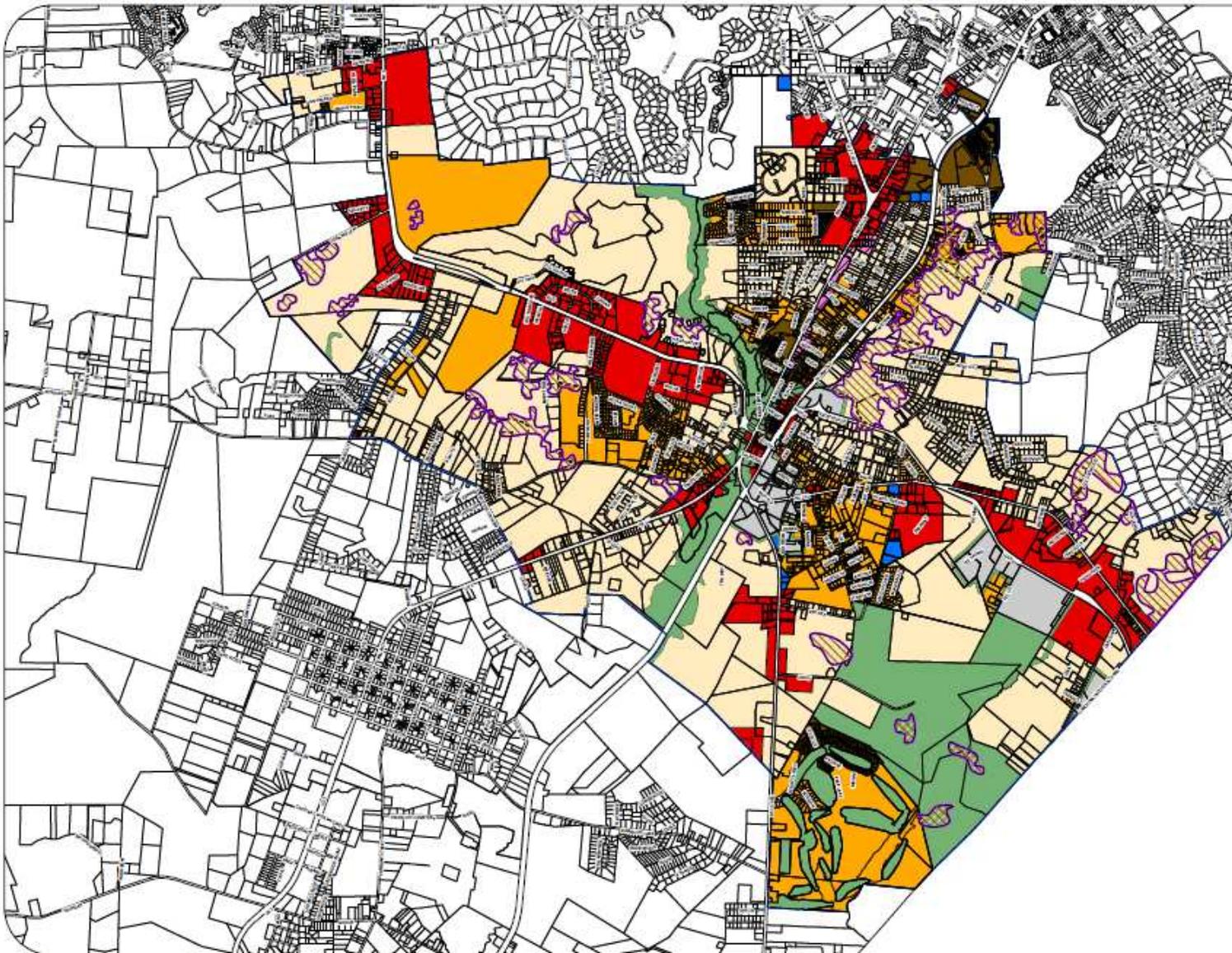
WESTERN CONNECTOR

PINEHURST FUTURE LAND USE MAP



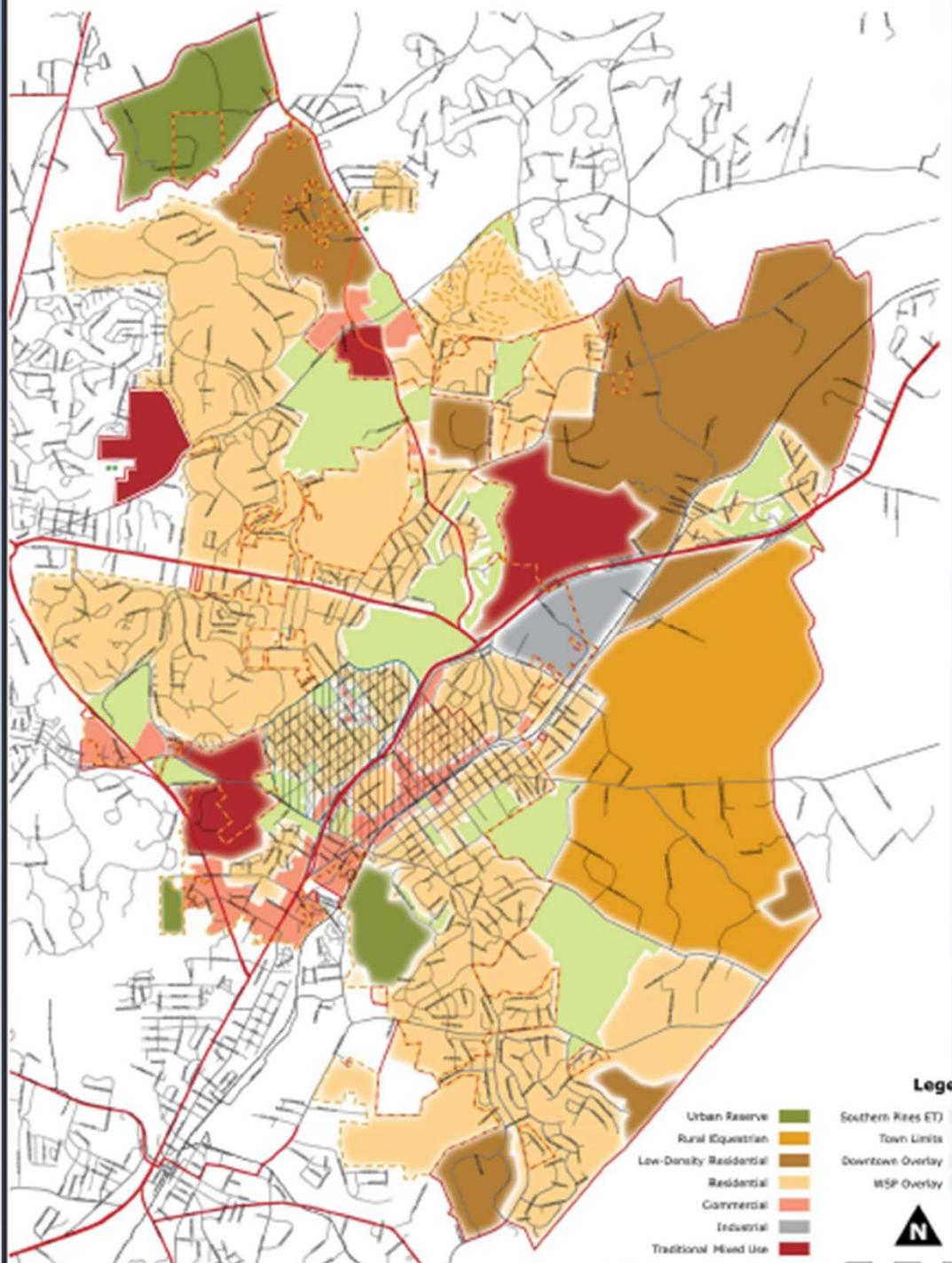
WESTERN
CONNECTOR

ABERDEEN FUTURE
LAND USE MAP



WESTERN CONNECTOR

SOUTHERN PINES FUTURE LAND USE MAP



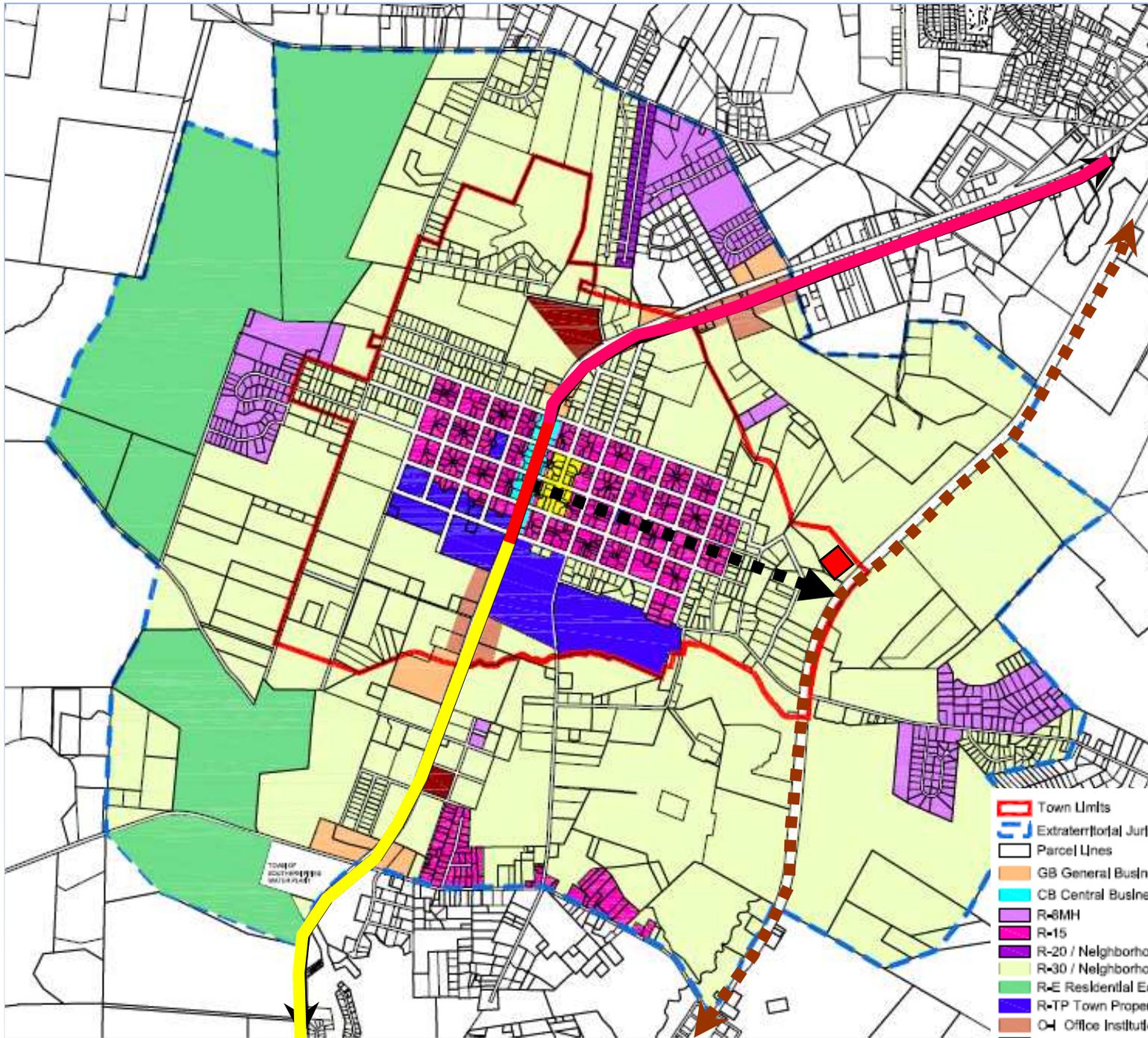
US HWY #1
PINEBLUFF
FUTURE LAND USE
MAP

HIGHWAY CORRIDOR
 OVERLAY DISTRICTS

RURAL HWY

URBAN HWY

URBAN TRANSITION

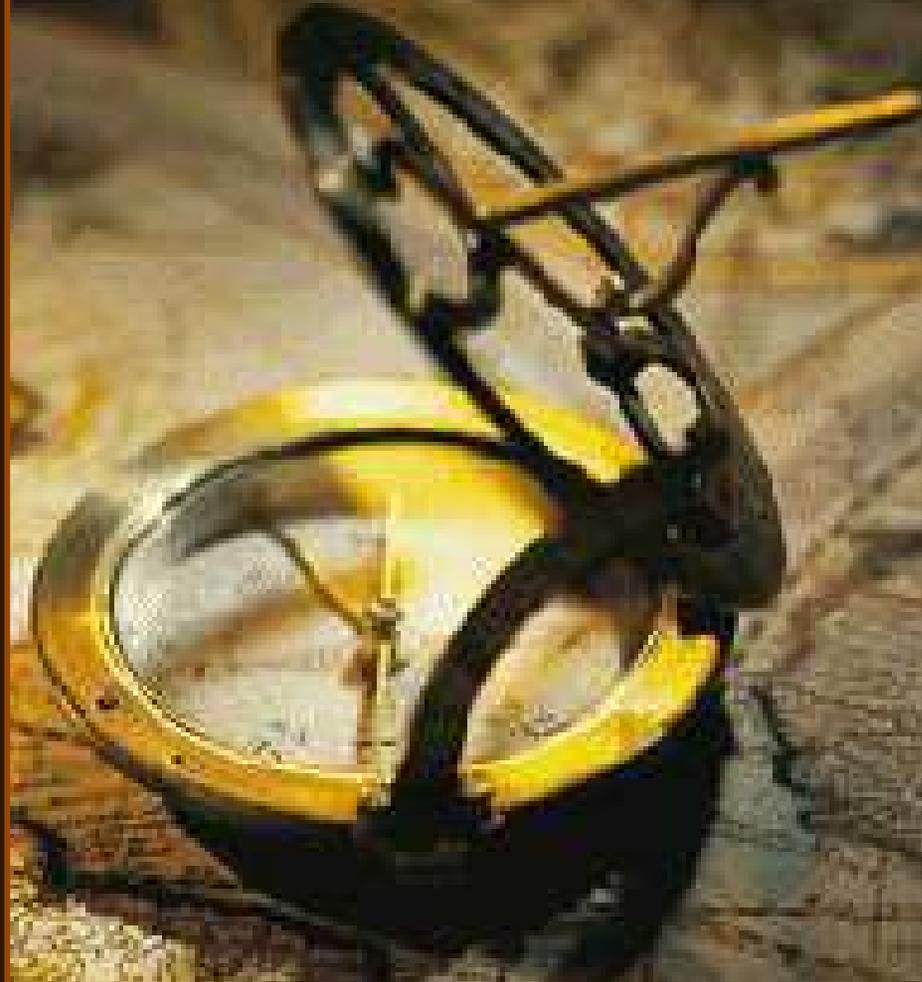


-  Town Limits
-  Extrajurisdictional Jurisdiction
-  Parcel Lines
-  GB General Business
-  CB Central Business
-  R-8MH
-  R-15
-  R-20 / Neighborhood Conservation Overlay
-  R-30 / Neighborhood Conservation Overlay
-  R-E Residential Equestrian / Neighborhood Conservation Overlay
-  R-TP Town Property
-  O Office Institutional
-  LI Light Industrial
-  TVD Traditional Village District

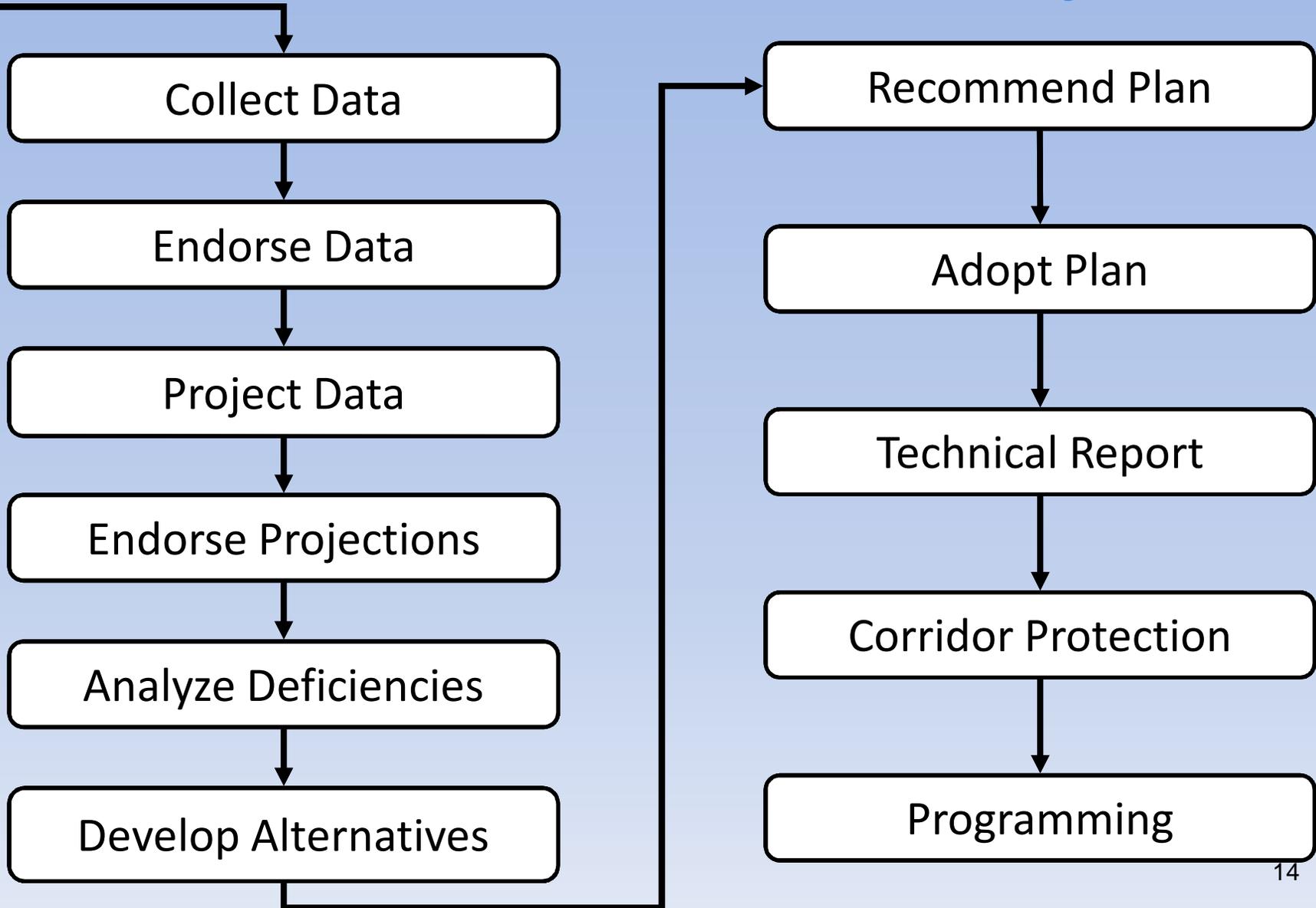
Turning to Data and Analysis

Development of 2040 Traffic Demand Model

- Identify roads to be included in the model.
- O & D study to determine traffic patterns and internal flow.
- Traffic Counts
- Existing congestion and traffic issues.



Resume Standard Transportation Planning Process

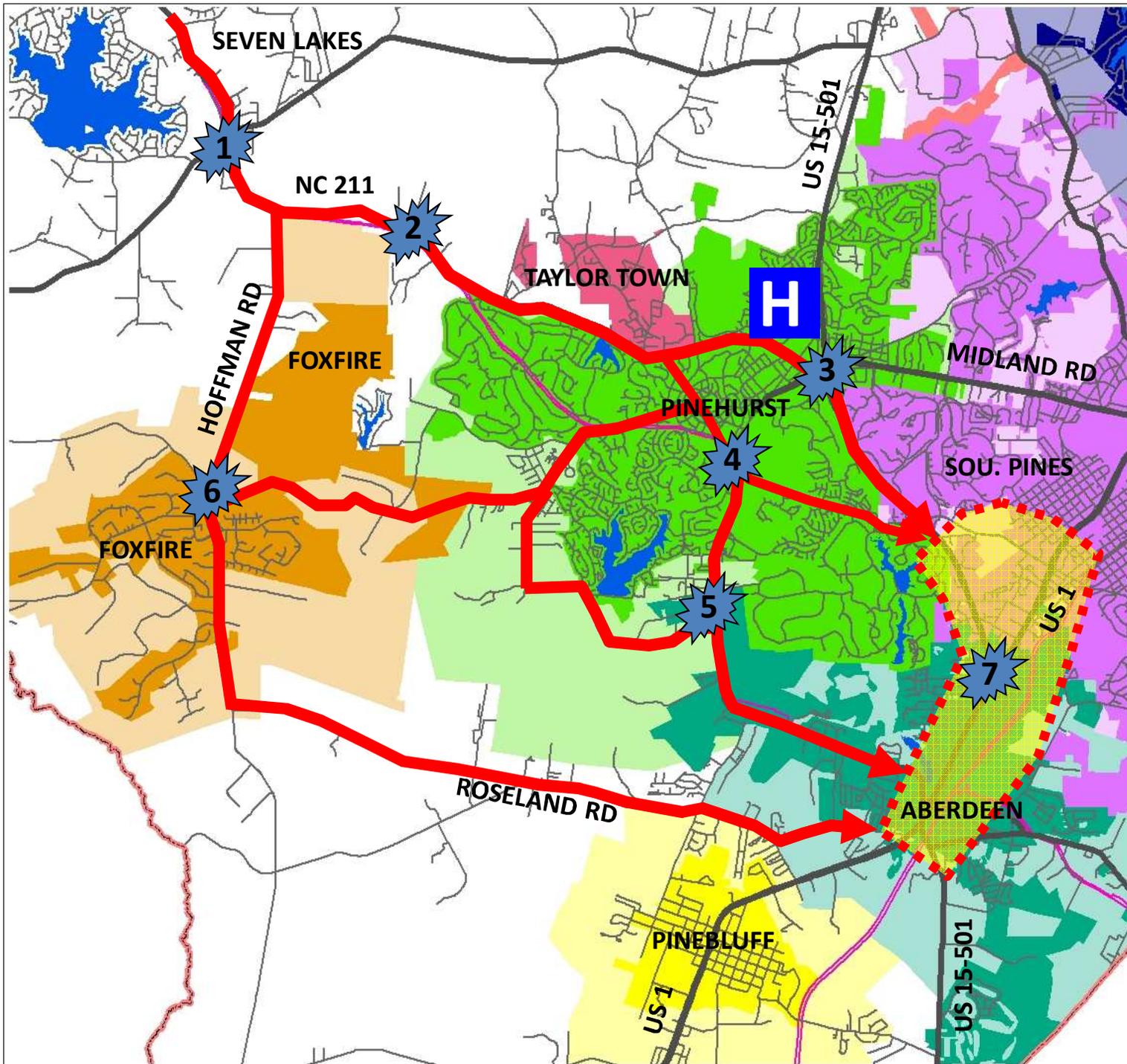


Identifying Roads to be Included in the Model

- Functionally Classified Roads
 - These are federally recognized
 - Include US, NC and some SR roads.
- Locally Significant Roadways
 - These should coincide with land use plans, development, and local activity centers.
 - Function as local connector roads for traffic flow.

Mapping Exercise

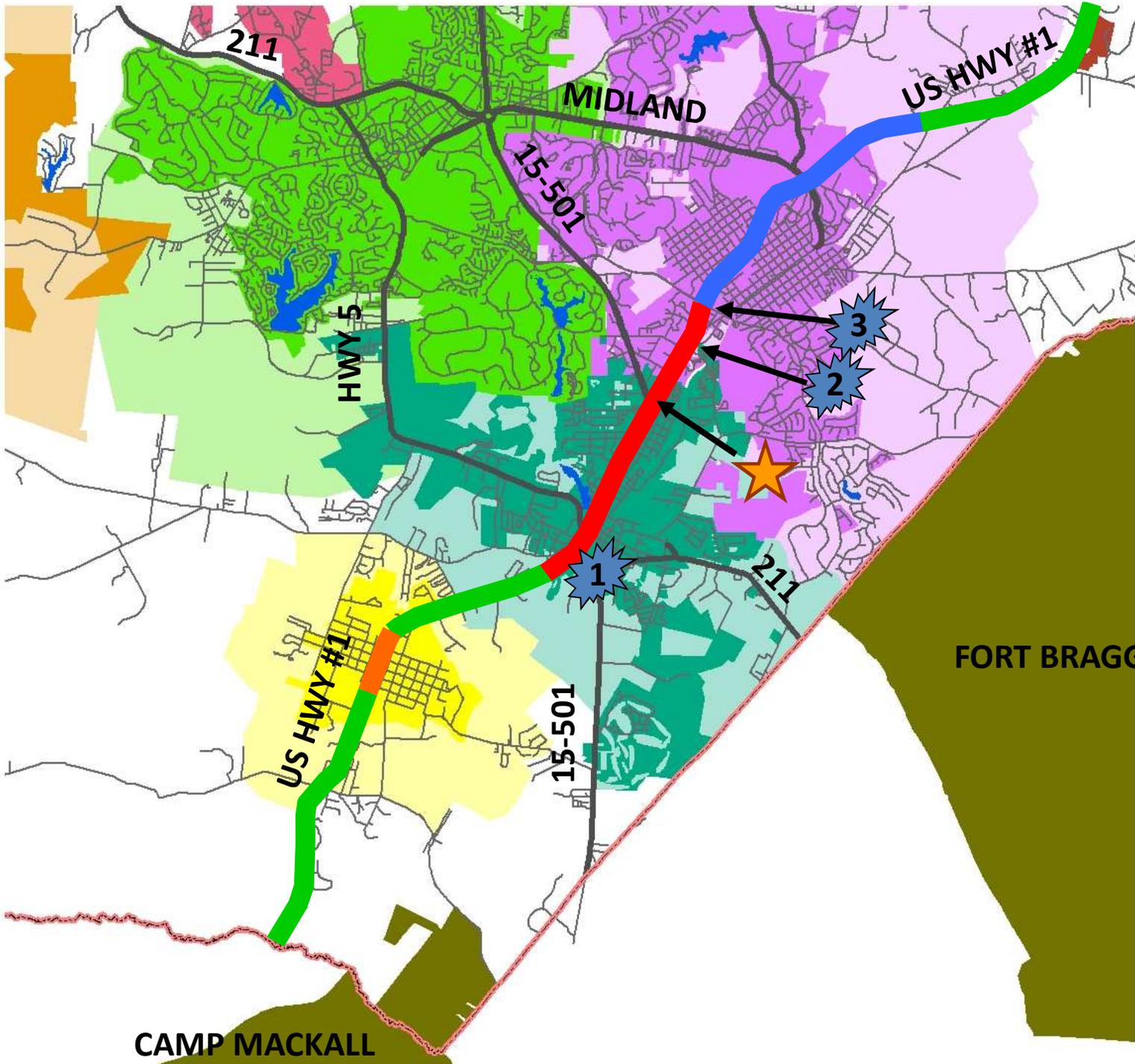
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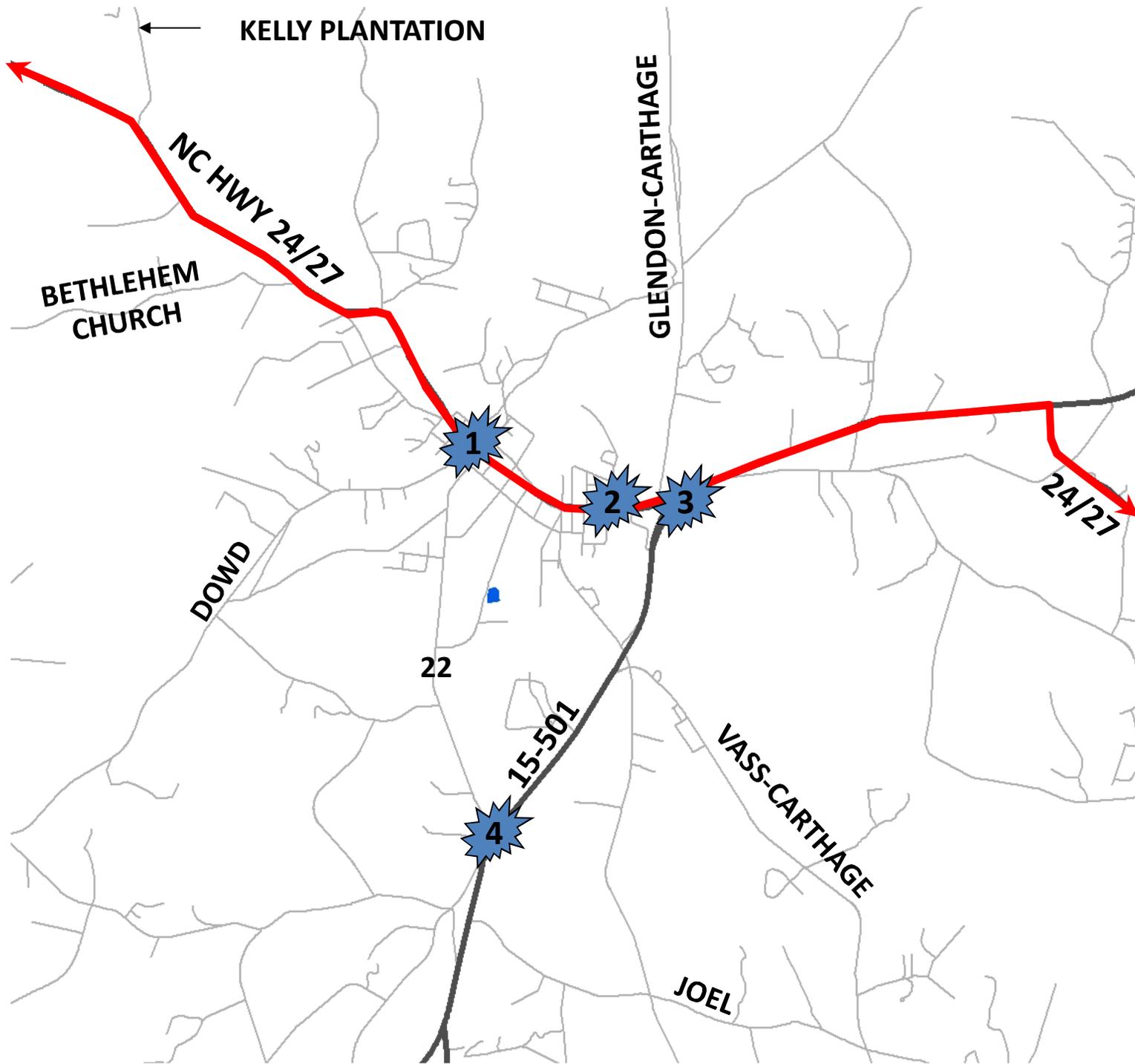
**WESTERN
CONNECTOR**

**TRAFFIC
BOTTLENECKS**

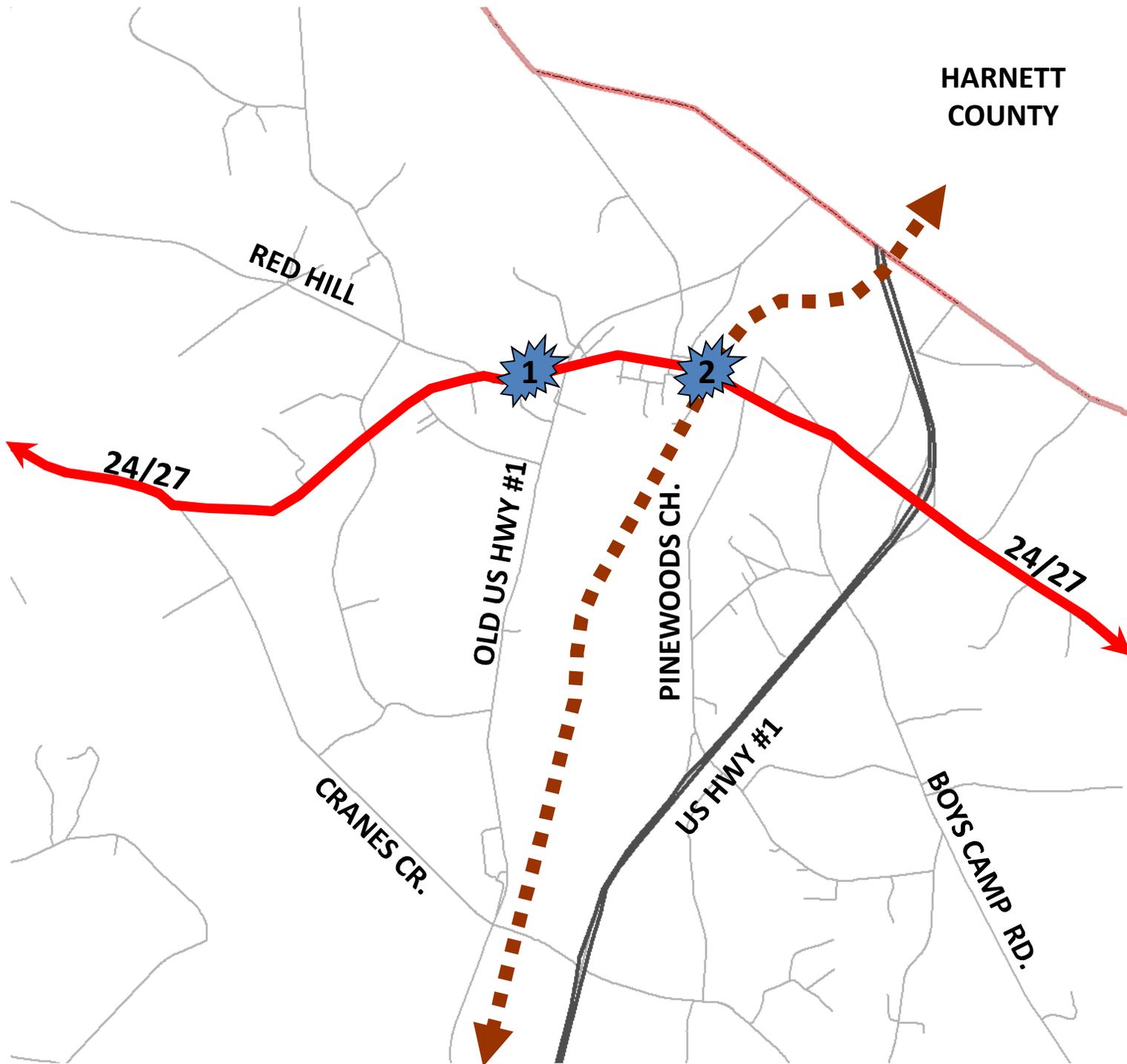
1. HWY 73 & HWY 211
2. ARCHIE RD. AND HWY 211
3. HWY 211 & PINEHURST TRAFFIC CIRCLE
4. HWY 5 TRAIN TRESSEL TO MORGANTON RD.
5. LINDEN RD. & HWY 5
6. HOFFMAN RD. & FOXFIRE RD.
7. 15/501 & US1



US HWY #1
TRAFFIC SOUTH
FREEWAY
BOULEVARD
MAJOR THOROUGHFARE
TYP. US HWY BYPASS
FUNDED PROJECTS
<ul style="list-style-type: none"> • HWY 211 BRIDGE REPLACEMENT • US #1 & SAUNDERS BLVD. • US #1 & MORGANTON RD. INTERCH.



- NC HWY 24/27**
- TRAFFIC**
- CARTHAGE**
1. COURTHOUSE SQUARE
 2. 24/27 @ FOOD LION & KERR DRUG
 3. INTER-SECTION OF 15-501 & 24/27 @ HARDEES
 4. HWY 22 & 15-501 (NORTH)



NC HWY 24/27

TRAFFIC

CAMERON

1. CAMERON ELEMENTARY SCHOOL & TWO-LANE BRIDGE OVER OLD US HWY #1
2. AT GRADE RAILROAD CROSSING