

State Route 6 (SR 6) Access Management Study

Stakeholder Meeting #1

May 22, 2014



Outline

- Meeting purpose
- Roles and responsibilities
- Background
- Study purpose
- Study schedule
- Study deliverables
- Existing data & preliminary analysis: LOS, crash rates, simulation
- Existing studies
- Existing and future land use
- Planned projects
- Discussion & Questions



Meeting Purpose

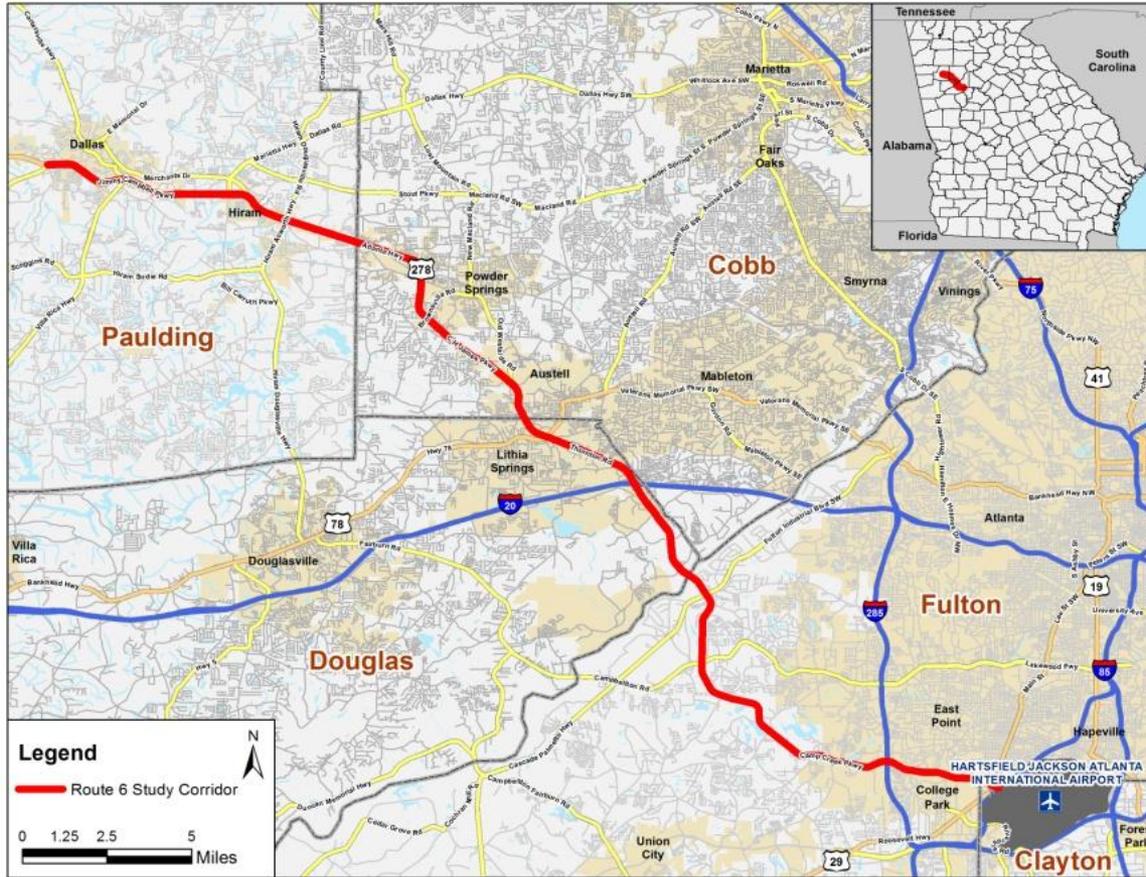
- **Introduction of SR 6 study**
 - Study kick-off; set expectations
 - Establish corridor vision
- **Effective stakeholder involvement is crucial to:**
 - Gather local knowledge of corridor
 - Capture local vision for corridor
 - Ensure concerns are addressed and vision is fulfilled as development occurs along the corridor.

Roles and Responsibilities of Stakeholder Committee

- Define vision and goals for corridor
- Provide insight on ongoing CTPs and studies
- Offer feedback on study methodology
- React to technical findings and recommendations
- Coordinate with respective agencies and the public

Background

- **SR 6 is 32-mile major regional travel corridor from ATL Int. Airport (Fulton County) to City of Dallas (Paulding County)**



SR 6

- Jimmy Campbell Pkwy
- Jimmy Lee Smith Parkway
- Wendy Bagwell Parkway
- C. H. James Parkway
- Thornton Road
- Camp Creek Parkway
- US Highway 278

Study Purpose

- **GDOT initiated planning study to recommend access management policies and supplemental transportation improvements**



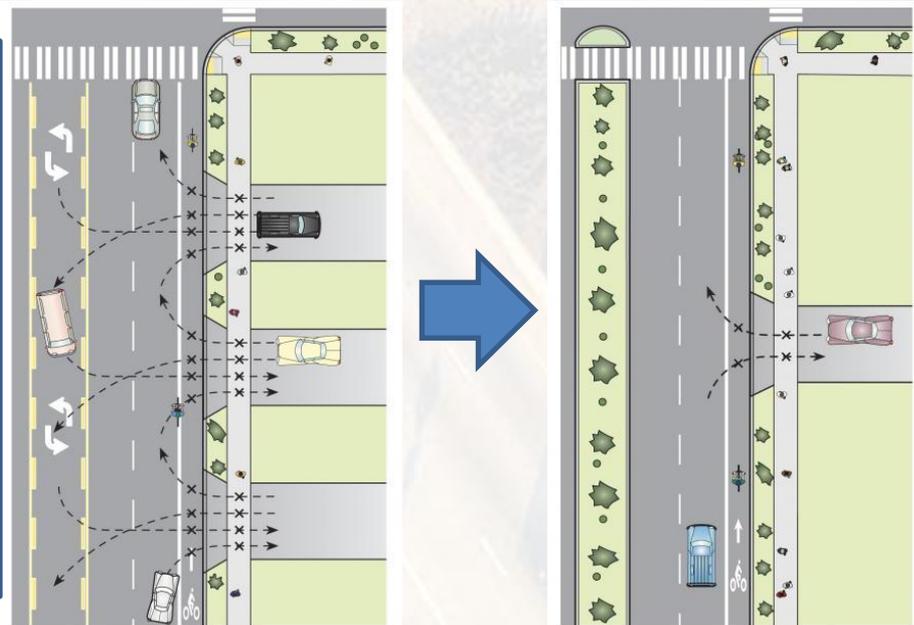
- One of the recommendations from the previous ARC's Connect 6 study
- To document and evaluate existing and future conditions of corridor
- To ensure corridor retains intended use as a major thoroughfare
- To take a comprehensive look at corridor needs

Study Purpose (cont.)

- **“Access Management is the systematic control of the location, spacing, design, and operation of driveways, median openings, interchanges, and street connections to a roadway... The purpose is to provide vehicular access to land development in a manner that preserves the safety and efficiency of the transportation system”**

- Transportation Research Board, Access Management Manual 2003

Uncontrolled accesses
create 8 potential conflict points at every driveway and slow down through traffic.



A raised median and consolidating driveways
reduce conflict points and improve traffic operation.

Study Schedule

Winter 2014 – Spring 2014

- Systems inventory & Data collection
- *Stakeholder Meeting #1*

Spring 2014 – Fall 2014

- Development of corridor plan scenarios and solutions
- *Stakeholder Meeting #2 - Tentative*

Fall 2014 – Winter 2015

- Preliminary recommendations
- *Stakeholder Meeting #3 - Tentative*

Winter 2015 – Summer 2015

- Final report and implementation plan
- *Stakeholder Meeting #4 - Tentative*

Study Deliverables

- **Short-term action plans**
- **Intermediate recommendations**
- **Vision plan identifying long-range goals, policies, and recommendations**
- **Final report to be a resource for guiding future development and access along the SR 6 corridor**

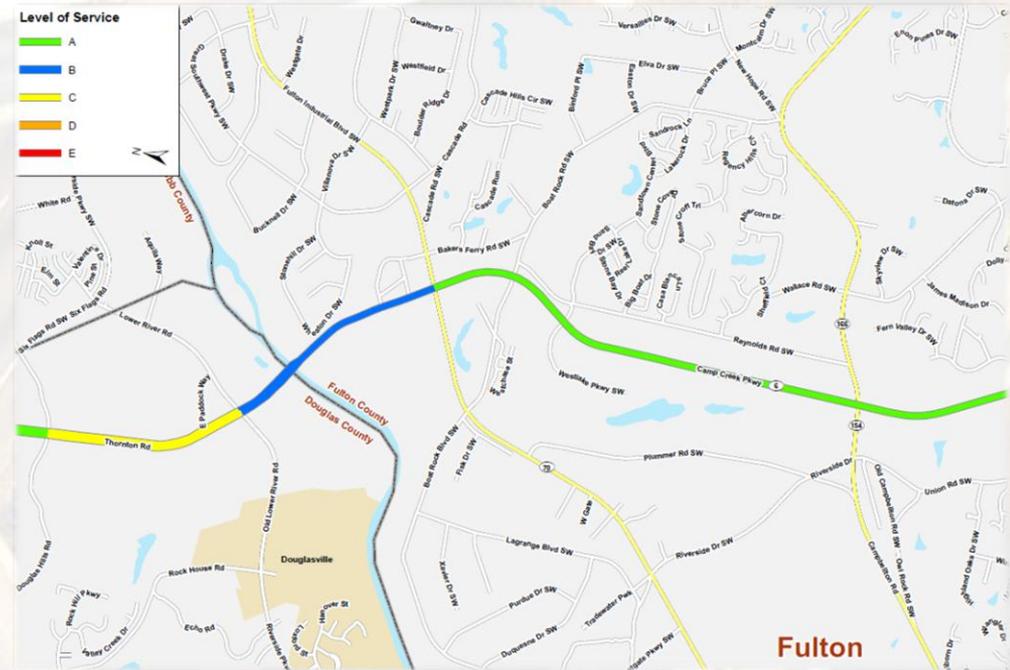
Existing Data & Preliminary Analysis

- **Urban Principal Arterial**
- **Average Annual Daily Traffic (AADT)
Maps : 15,000 – 60,000 Vehicles**
- **Segment Analysis**



Preliminary Analysis

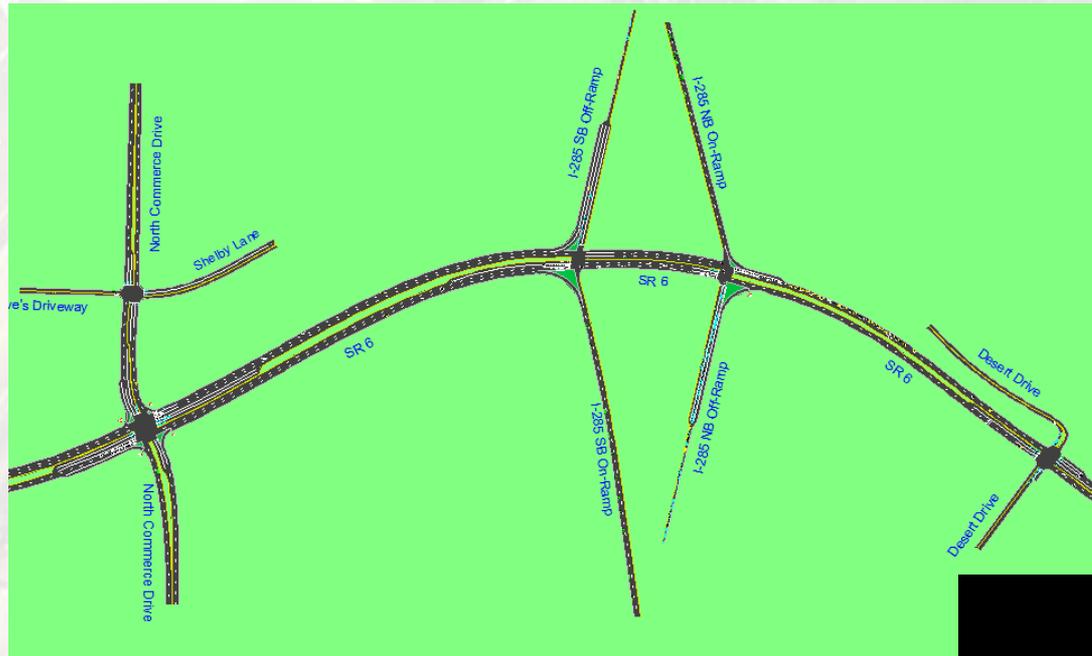
- **Segment Level of Service (LOS) Analysis – based on AADT**
 - LOS of A – D
- **Crash rates compared with statewide values (injuries, fatalities, total)**
 - Some segments exceed at least one statewide crash rate



- **Intersection Level of Service (LOS) Analysis – based on RTOP Data**
 - LOS of A – F

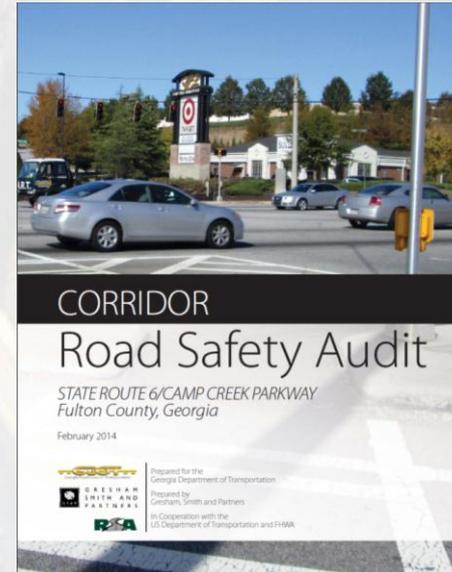
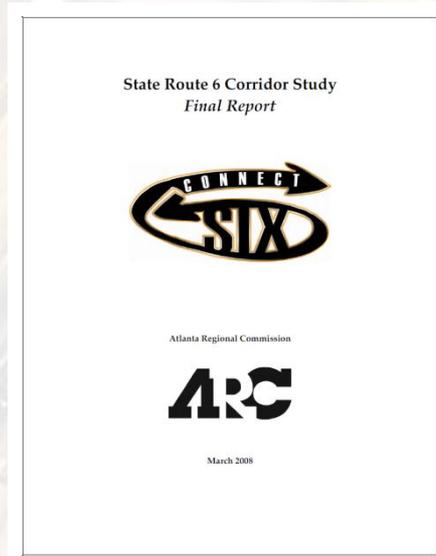
Simulation / Visualization

- Existing Corridor Simulation / Visualization
- Sample PM Peak conditions

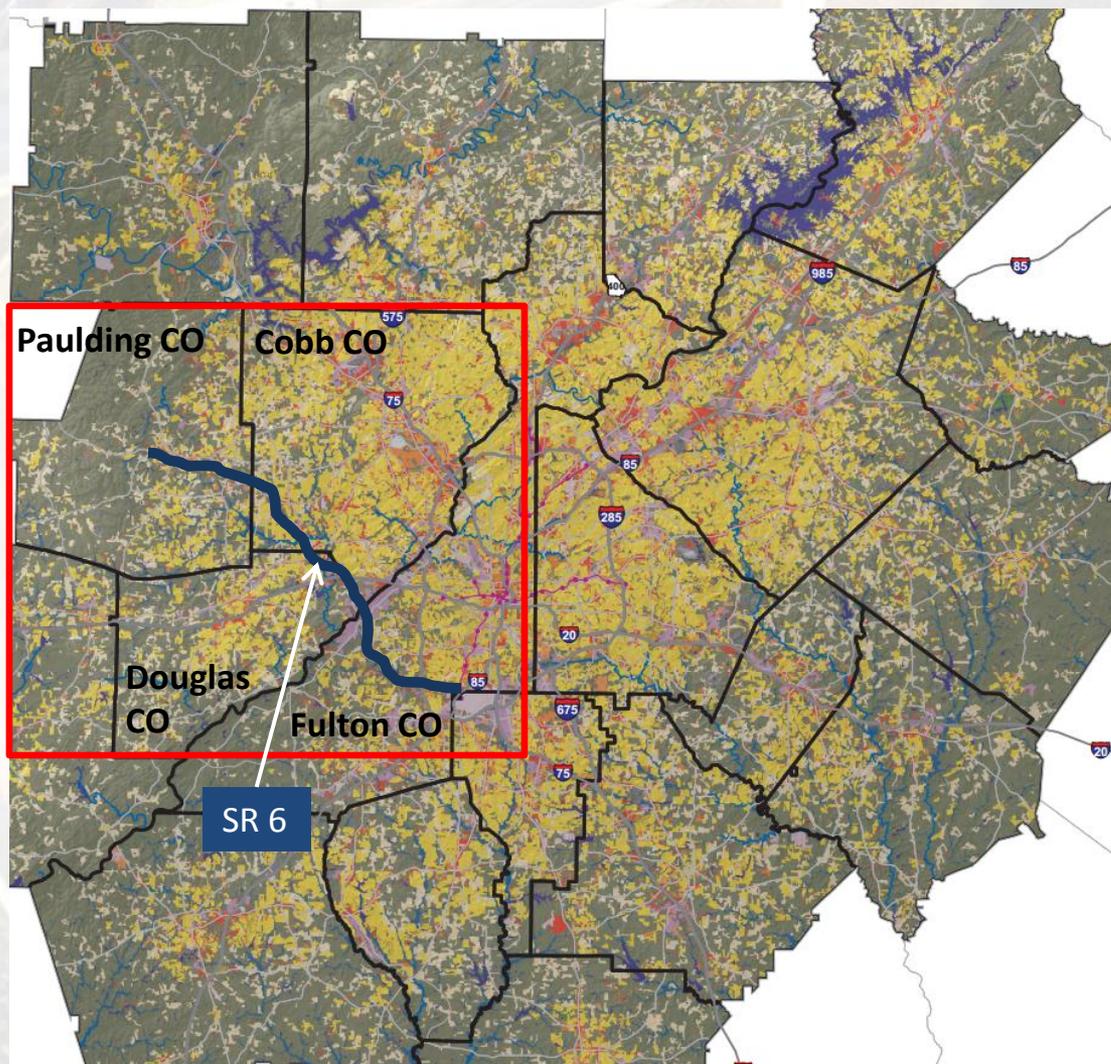


Existing Studies

- Atlanta Regional Commission (ARC) – Connect 6 Report
 - SR 6 access management study was one of the major recommendations for operational improvements
- GDOT – SR 6/Camp Creek Pkwy Road Safety Audit



Existing Regional Land Use

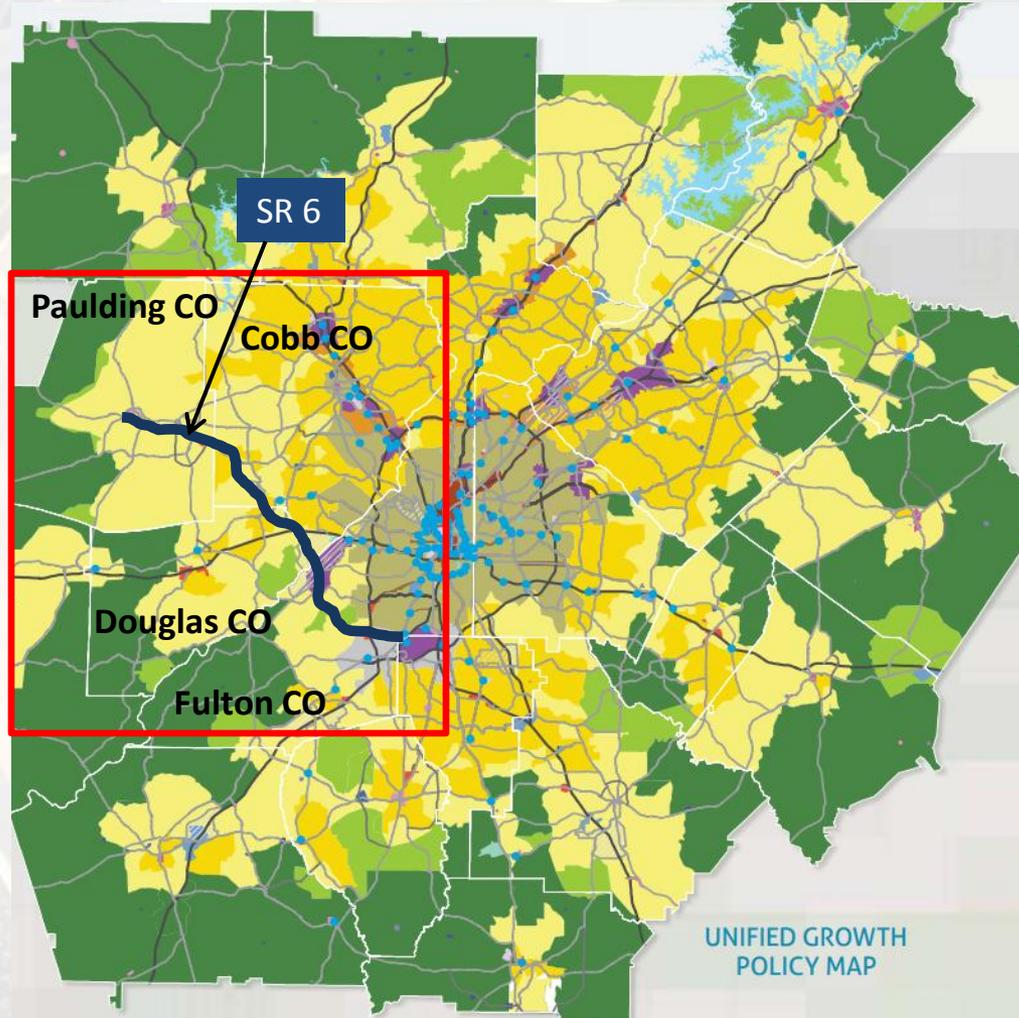


Source: ARC Website

Future Regional Land Use

- Interstates and Ltd. Access Facilities
- Regional Strategic Facilities
- Strategic New Alignments
- Station Communities
- Regional Centers
- Community Activity Centers
- Regional Town Centers
- Town Centers
- Crossroad Communities
- Village Centers
- Recreational Districts
- Major Retail Districts
- University Districts
- Wellness Districts
- Redevelopment Corridors
- Industrial/Logistics Areas
- Lakes & Ponds
- Counties

- Airport Investment Area
 - Region Core
 - Regional Employment Corridors
 - Maturing Neighborhoods
 - Established Suburbs
-
- Developing Suburbs
 - Developing Rural
-
- Rural/Undeveloped Areas



Source: ARC Plan 2040

Planned Projects

SR 6 (SR 120 - I-20)

- Long range
- Reconstruction and rehabilitation

SR 6 @ SR 92

- Under construction
- Quick response project extension of LT lane, grading, and drainage improvements

SR 6 @ SR 6 Spur

- PE 2014
- WB RT lane with improved radius

SR 6 (I-20 - Garrett Rd)

- Construction 2015
- Overhead signage, nearside signal heads, modification of medians to extend LT, communications, CCTV, signing

S Main St Phase I/II

- Programmed for Spring 2014
- Quick response project extension of LT lane, grading, and drainage improvements
- LT lane and sidewalks

SR 6 (I-20 - SR 6 Spur)

- PE to begin in 2017
- Truck friendly lanes

SR 6 @ N Commerce Dr

- PE 2014
- Intersection improvement

SR 6 @ SR 70

- Let for construction
- Install median

SR 6 @ SR 70, Enon Rd, Merk Rd, Butner Rd

- PE 2013
- Reconstruction and rehabilitation

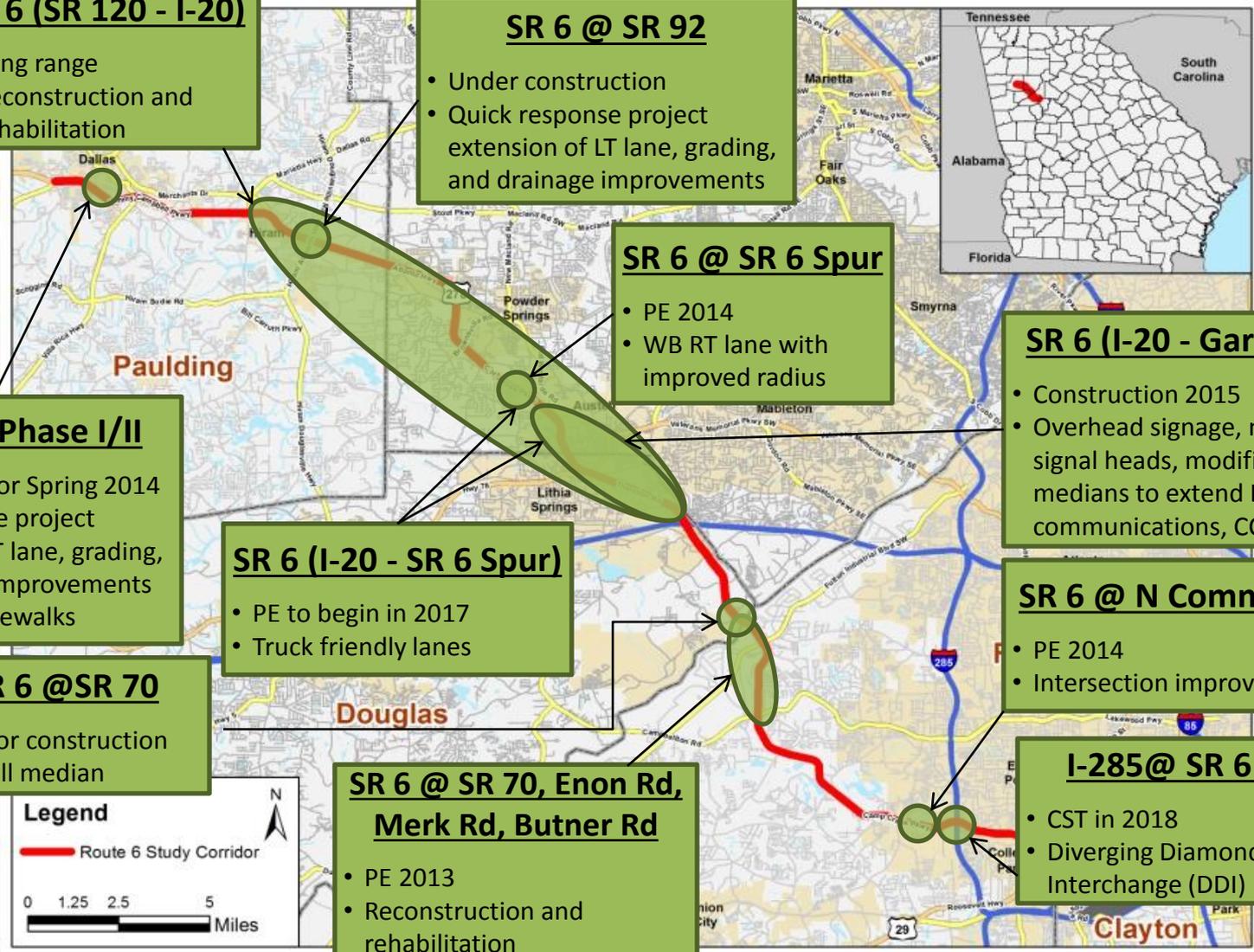
I-285 @ SR 6 DDI

- CST in 2018
- Diverging Diamond Interchange (DDI)

Legend

Route 6 Study Corridor

0 1.25 2.5 5 Miles



Discussion & Questions

- **Are there any general comments and concerns?**
- **What is the vision for the corridor?**
- **Would you like to identify any subarea regions/character districts?**
- **Are there preferred report contents/layout and any planned utilization of final report?**
- **Any other planned projects and studies?**
- **Any suggestions on additions to stakeholder committee?**
- **Any suggestions for one-on-one interviews?**

Discussion / Questions

