



South Carolina Department of Transportation

The background image is a composite of three scenes: a yellow road grader on the left, a white truck on the right, and a road winding through a forest in the center. A large, semi-transparent eagle graphic is overlaid in the center, with its wings spread. The title text is overlaid on this central graphic.

# *Rural Road Safety Program*

*Presented by: Secretary Hall*

***“The goal of the department is to provide adequate, safe, and efficient transportation services for the movement of people and goods.”***

SECTION 57-1-30



**SCDOT**  
Slide # 2

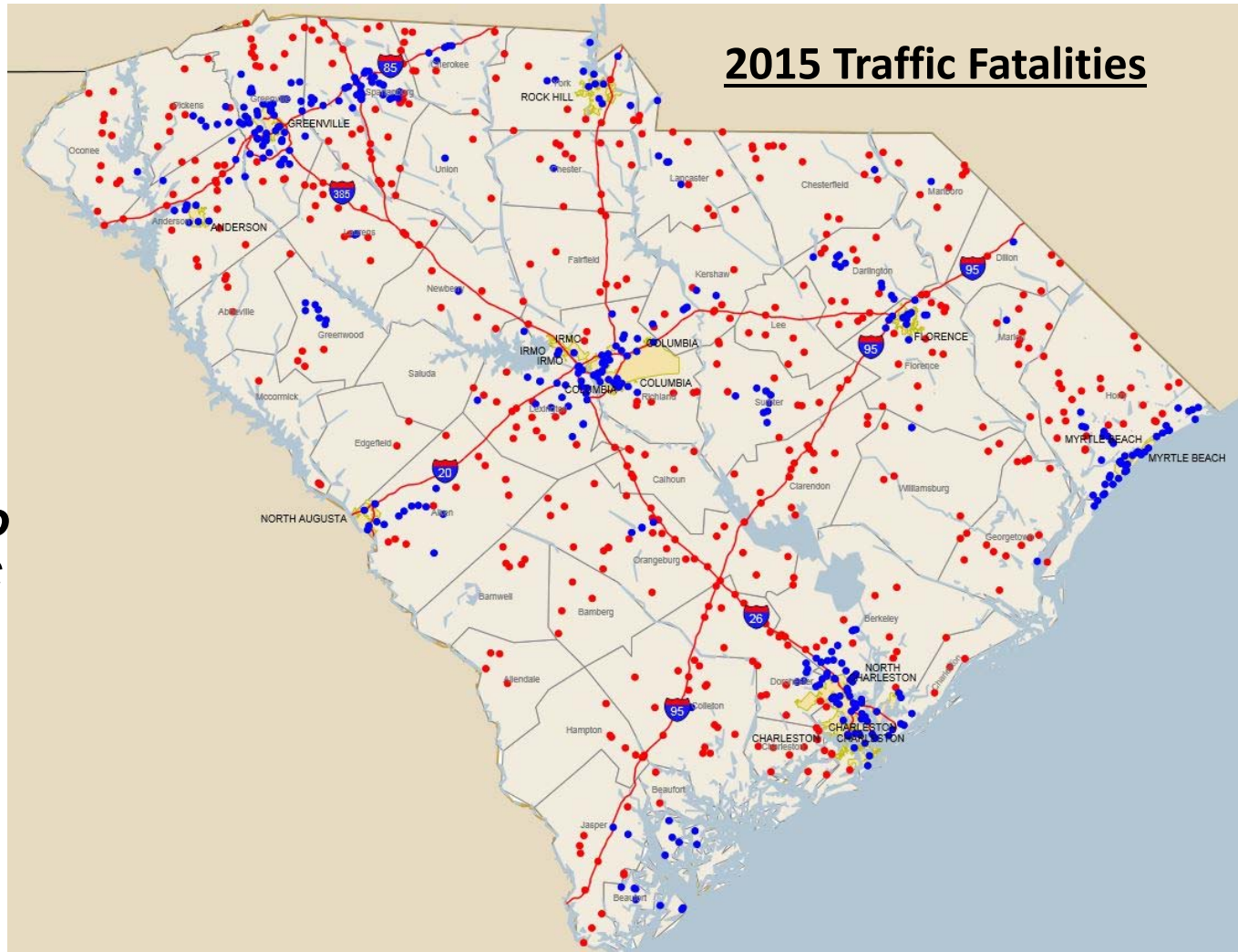
***Our Roads are the Deadliest  
in the Nation.***



# Deadly Roads

*SC's fatality rate is the highest in the Nation.*

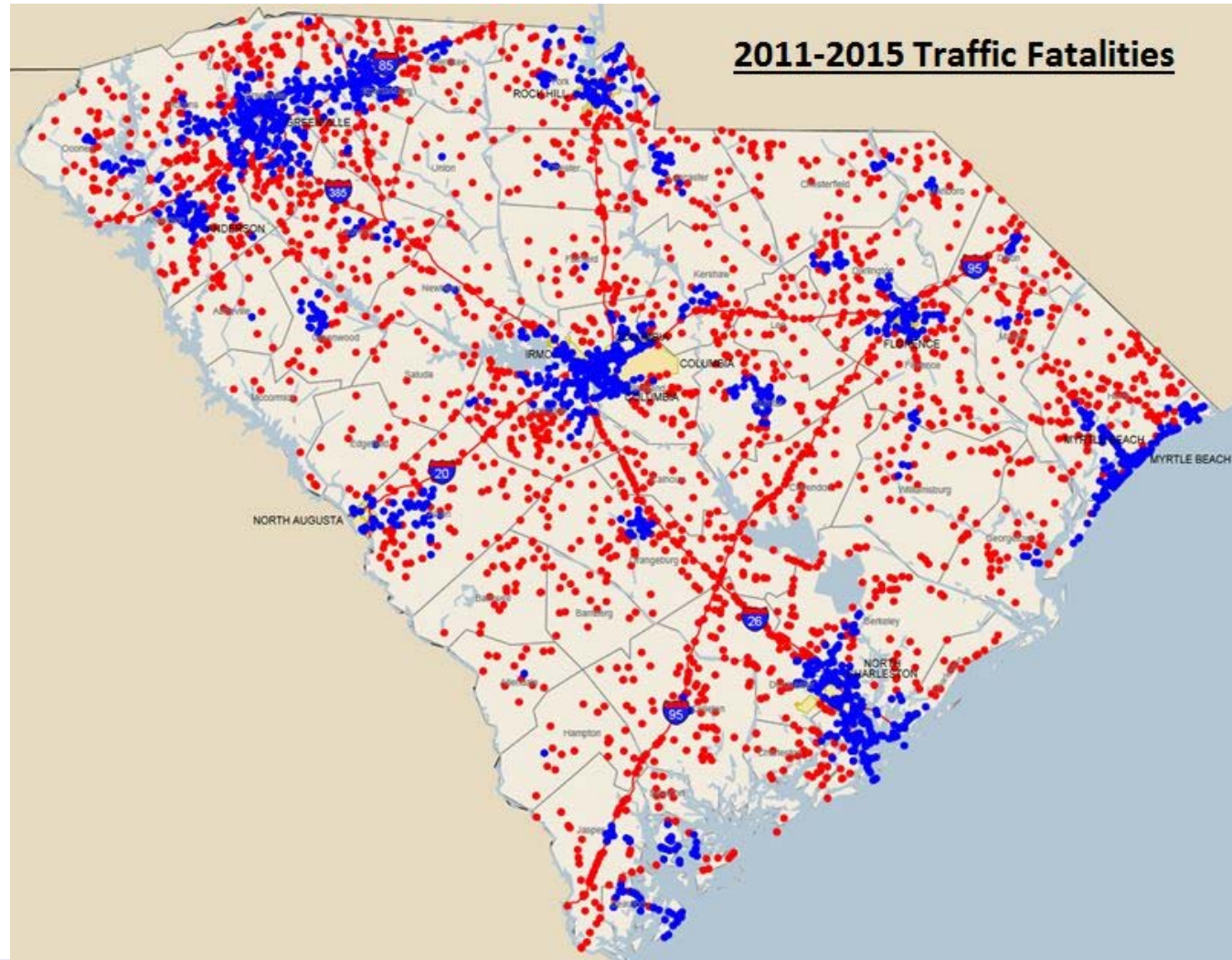
*Georgia and NC are closer to the national average, but SC is 53% above the national average.*



# Deadly Roads

*58% of SC's traffic fatalities occur on our rural roads.*

*Rural roads are not just the secondaries. It includes our Interstates and Primaries.*



# Deadly Roads

*Over the past 5 years on our Rural Roads there have been:*

**6,812**

*crashes that resulted in either a fatality or serious injury.*



# **Understanding the Issue on our Rural Roads**

**2011-2015 Fatal and Serious Injury Crashes on this network involve:**

- **47% departing from the roadway,**
- **34% striking a fixed object on the roadside,**
- **46% happening at night.**

**Driver behavior is also a factor:**

- **33% were unrestrained,**
- **31% were speed related,**
- **20% involved impaired drivers.**



# Targeting the Issue on our Rural Roads

Engineering Solutions that can be tailored to the individual corridor:

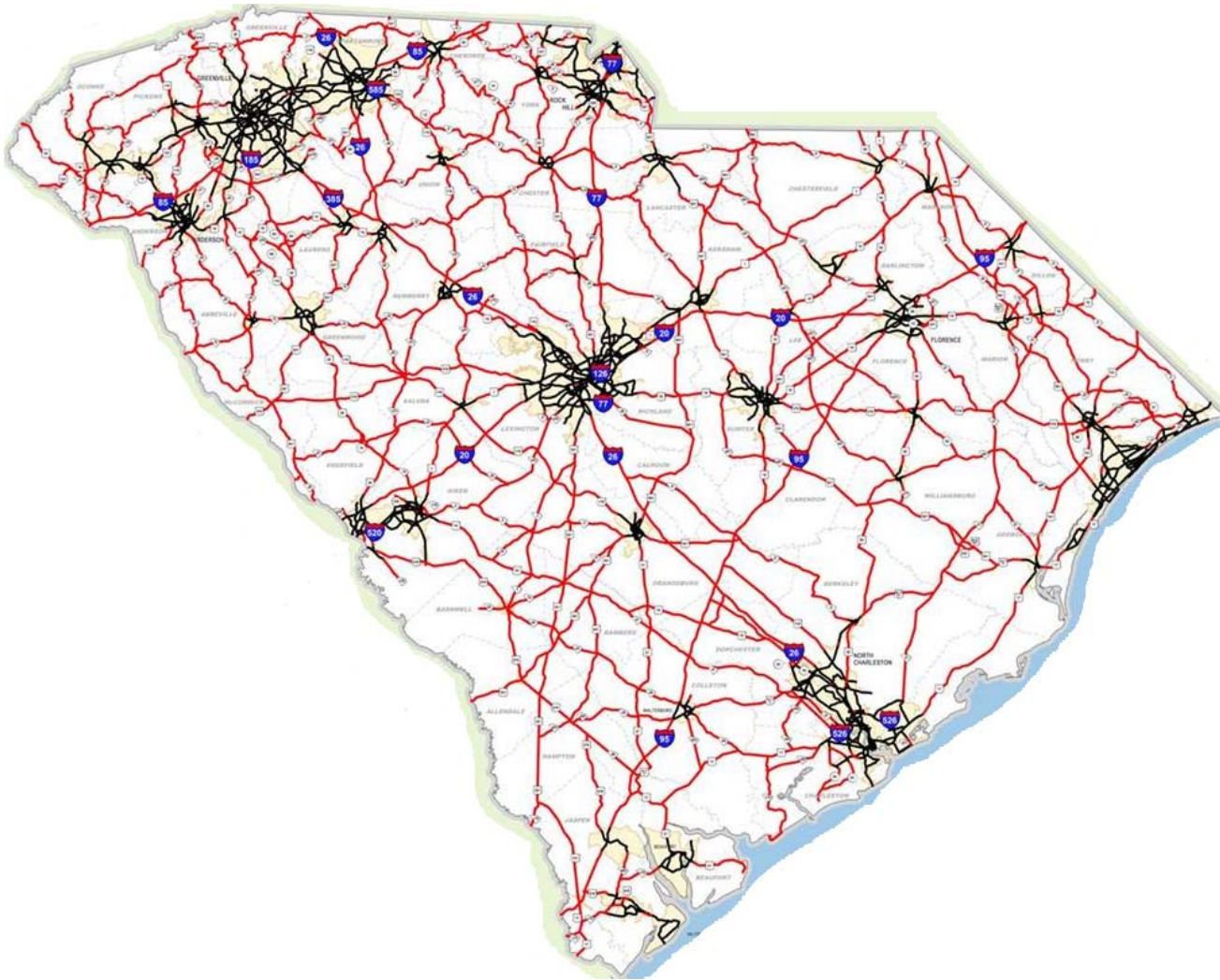
- **Rumble Strips**
- **Raised Pavement Markers**
- **High Reflective Signs**
- **Wider Pavement Markers**
- **Guardrail**
- **Specialized Pavement Treatments**

Keep the vehicles on the road

- **Wider Shoulders**
- **Paved Shoulders**
- **Wider Clear Zone**
- **Relocate the Ditch**

Give an opportunity to get back on the road





**Most of our Rural  
Fatalities and Serious  
Injury Crashes are  
occurring on Our  
Rural Major Routes**

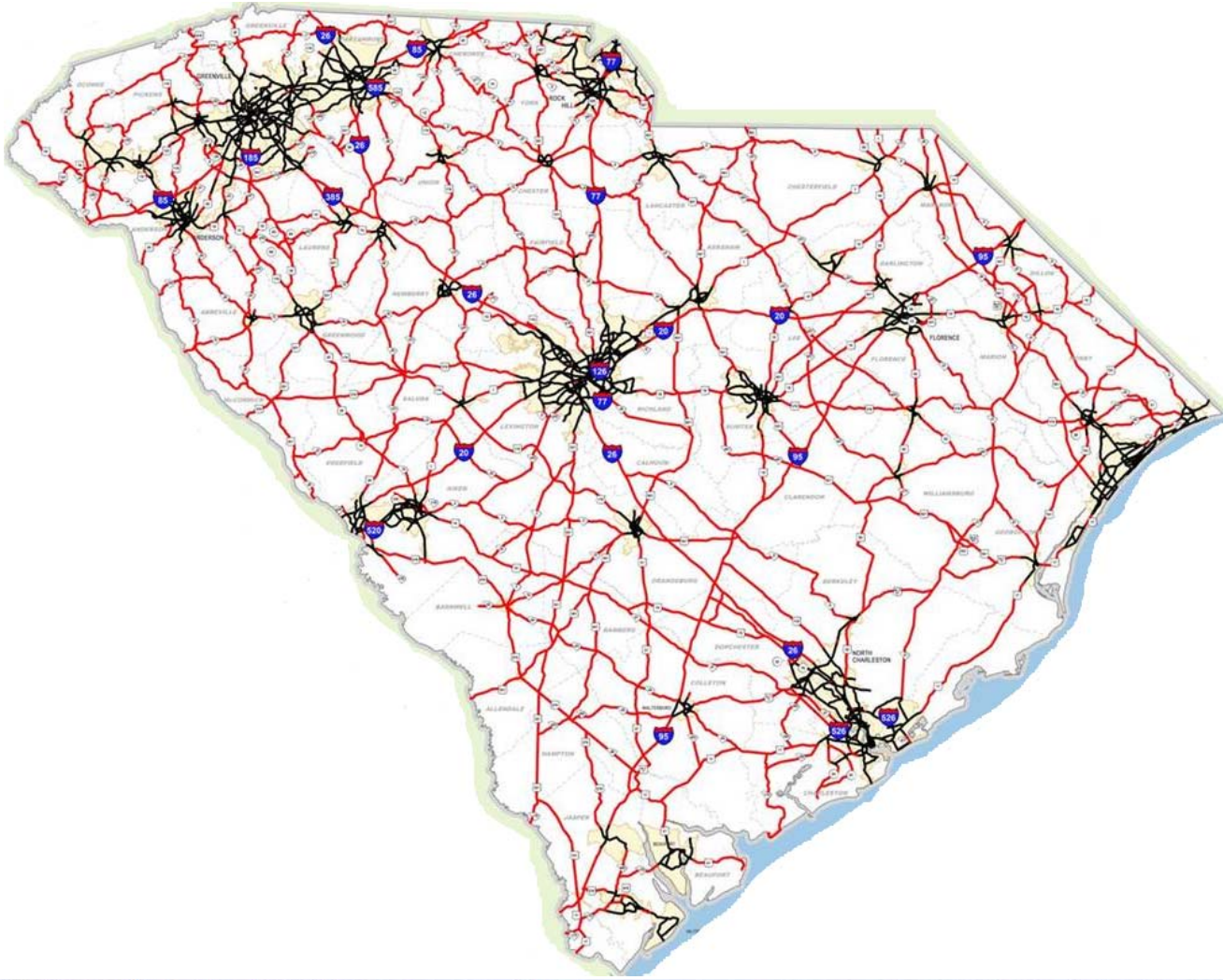
**563 miles Interstate  
2145 miles US Routes  
2442 miles SC Routes  
72 miles Secondaries**

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**5,222 miles total**





*5,222 miles total of  
Rural Major Routes*

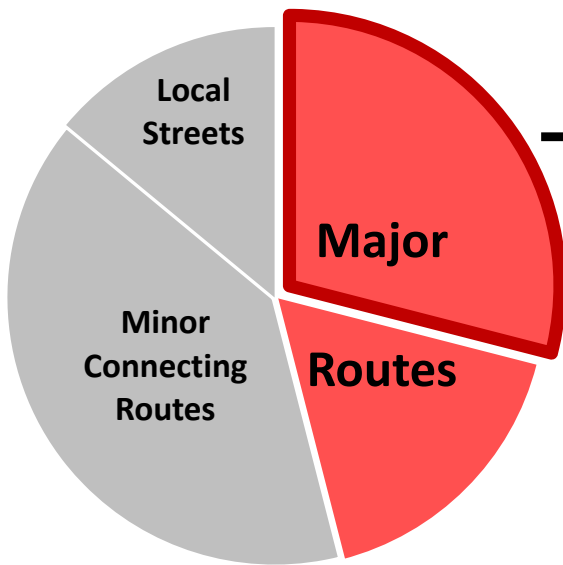
***Where to begin  
on a problem  
this large?***



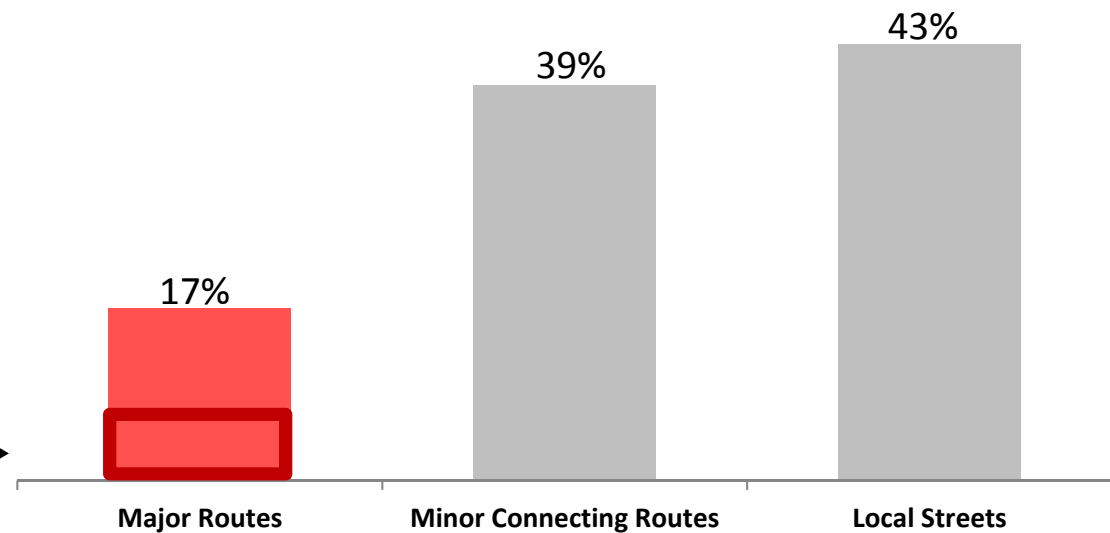
# Rural Road Safety Program: Where to begin?

**Nearly 30%** of the Fatal & Serious Injury Crashes are happening on **just over 5%** of the Rural Roads.

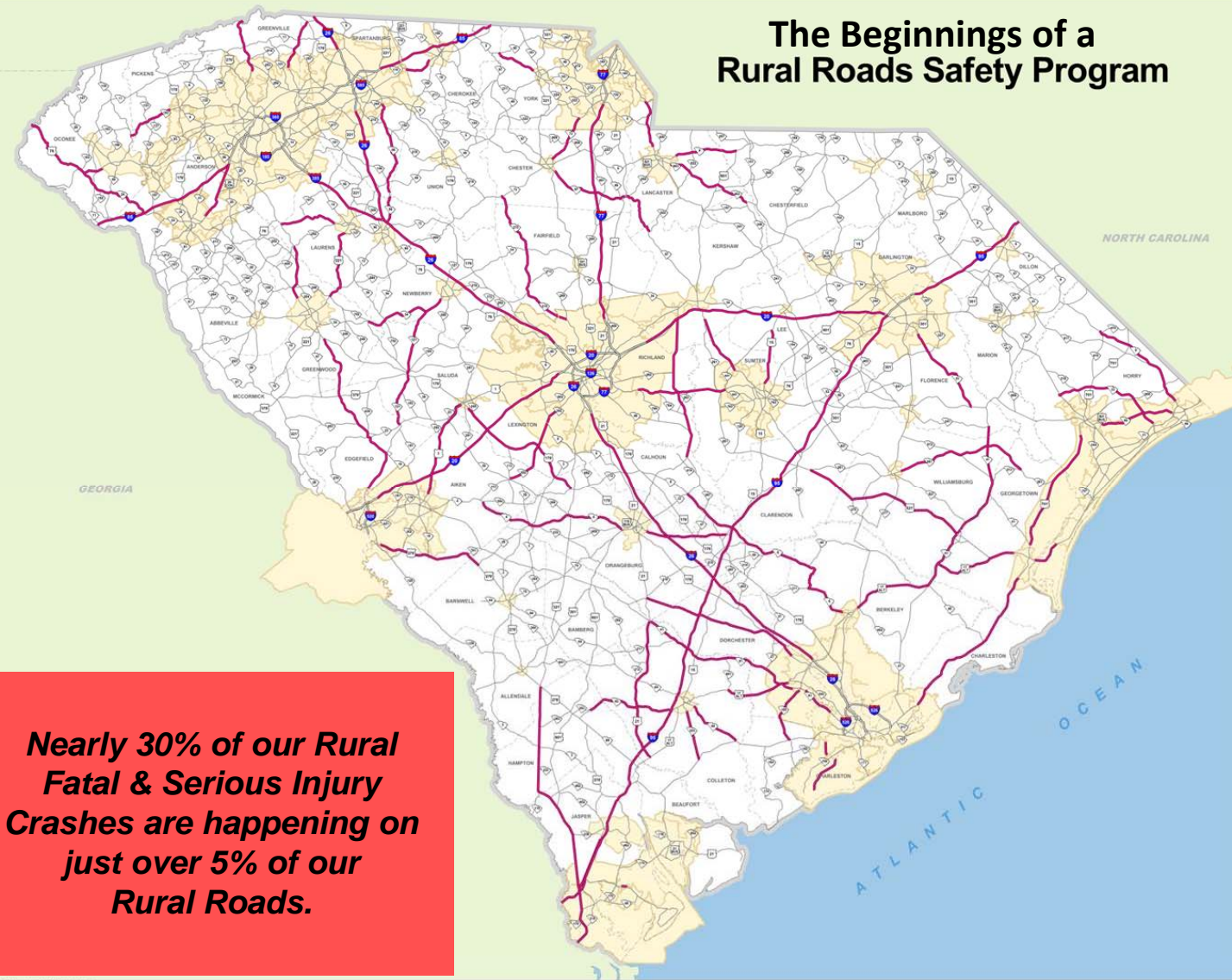
Rural Crashes involving Fatalities or Serious Injuries



Rural Mileage



## The Beginnings of a Rural Roads Safety Program



***Begin by targeting this 1,957 miles of Rural Roads with solutions tailored for each corridor.***

***Nearly 30% of our Rural Fatal & Serious Injury Crashes are happening on just over 5% of our Rural Roads.***

