

#### State of South Carolina Facts

- 11<sup>th</sup> smallest state
- 24<sup>th</sup> most populous state
- 2/3 of state is forested
- 4<sup>th</sup> largest state maintained roadway system
  - Over 41,000 miles
    - Nearly 30,000 miles classified as rural



"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** 



# Our Roads are the Deadliest in the Nation.



## South Carolina Safety Rankings

- Total Fatality Rate 1<sup>st</sup> (1.87)
  - 57% above national rate (1.19)
    - NC 1.24 TN 1.35 FL 1.47
    - GA 1.27 MS 1.69
  - Fatalities must reduce to meet national rate = 375



## South Carolina Safety Rankings

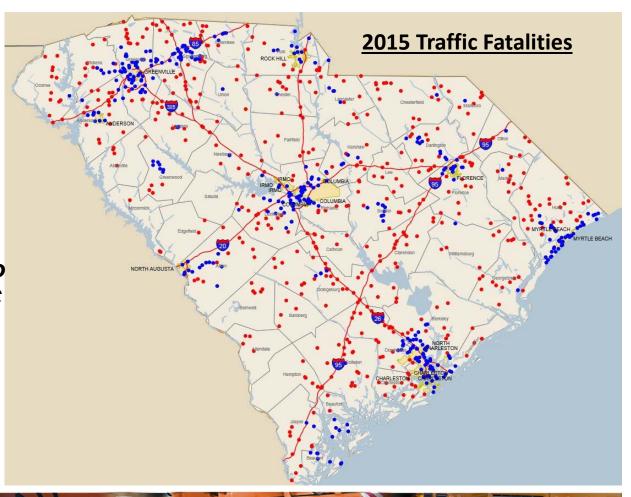
- Rural Fatality Rate 11<sup>th</sup>
  - 9% above national rate
- Fatality Rate involving trees 1<sup>st</sup>
  - Almost 3x national rate
  - 2x the SE rate



### **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.

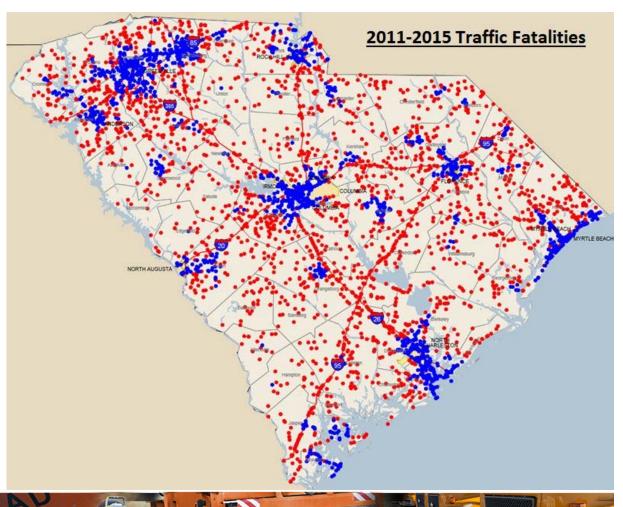




### **Deadly Roads**

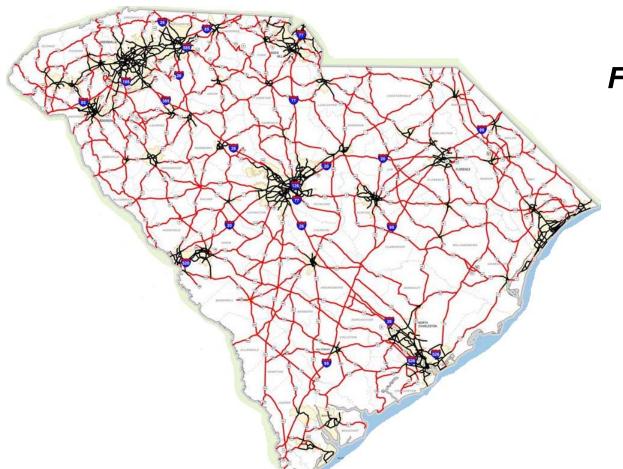
58% of SC's traffic fatalities occur on our rural roads.

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









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

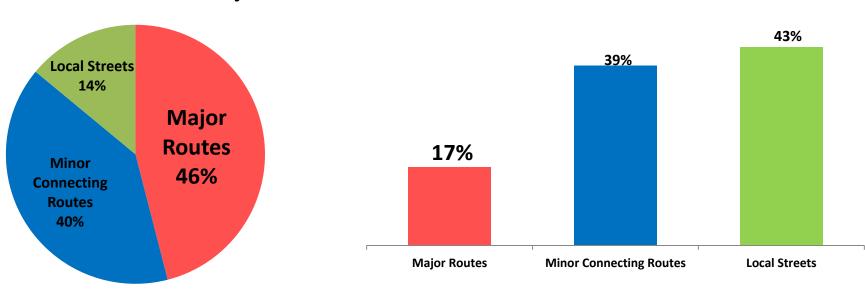
5,222 miles total



#### The Data on our Rural Road Crashes

Rural Crashes involving Fatalities or Serious Injuries





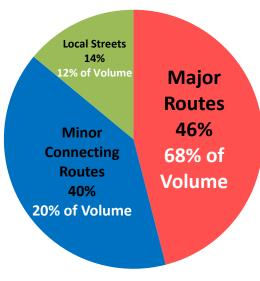
2011-2015 data

29,799 total Rural Road mileage



#### The Data on our Rural Road Crashes

## Rural Crashes involving Fatalities or Serious Injuries



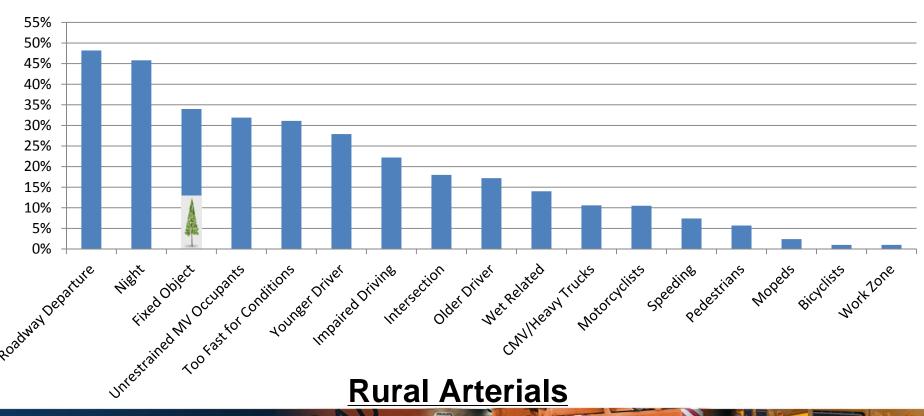
2011-2015 data

46% of Fatal & Severe Injury (F&SI) collisions occurred on 17% of rural roadway mileage carrying 68% of the traffic

29,799 total Rural Road mileage



#### Understanding the Issue on our Rural Roads





#### <u>Understanding the Issue on our Rural Roads</u>

#### 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

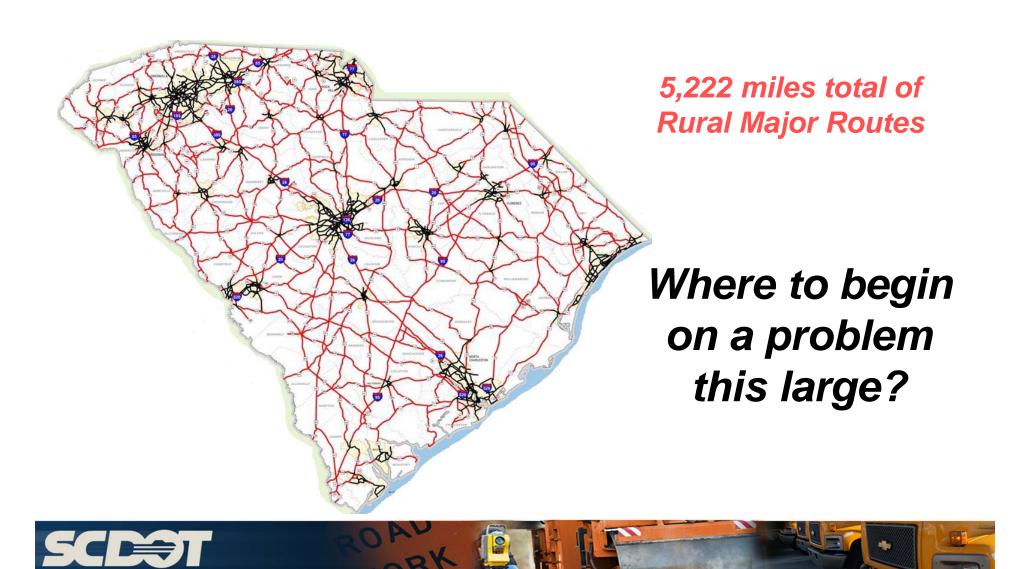
Systemic Engineering Solutions that can be tailored to the individual corridor:

- > Rumble Strips
- Raised Pavement Markers
- > High Reflective Signs
- Wider Pavement Markings
- Guardrail
- Specialized Pavement Treatments
- Wider Shoulders
- Paved Shoulders
- Wider Clear Zone
- > Relocate the Ditch

Keep the vehicles on the road

Give an opportunity to get back on the road

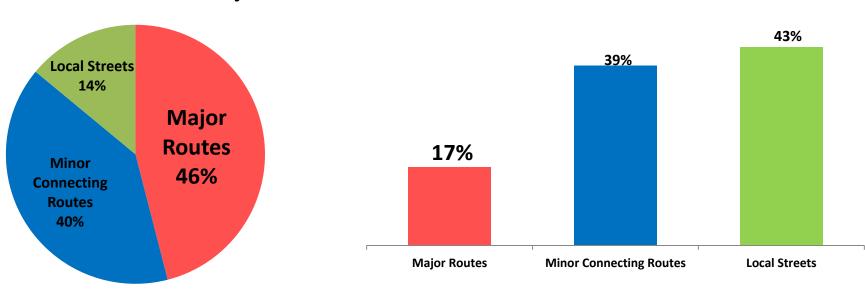




#### The Data on our Rural Road Crashes

Rural Crashes involving Fatalities or Serious Injuries





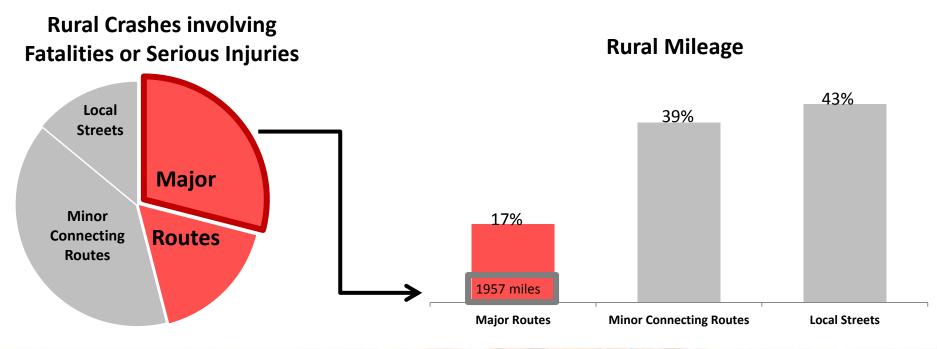
2011-2015 data

29,799 total Rural Road mileage

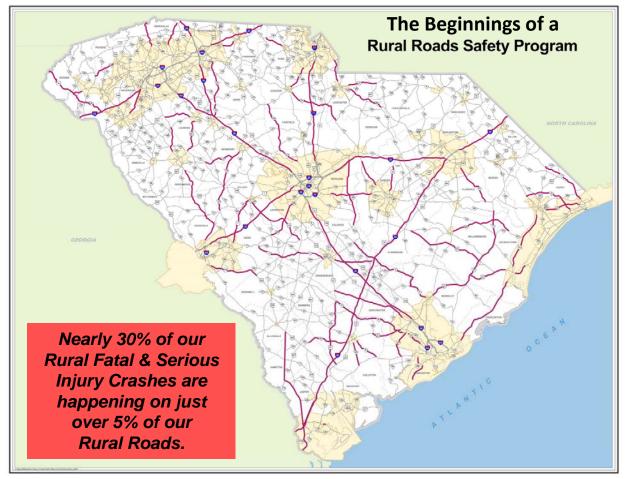


#### Rural Road Safety Program: Where to begin?

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







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



### So how do we fund it?







The State of SCDOT February 1, 2017

"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** 



## Adequate, Safe and Efficient System?

The real cost of deferred maintenance.

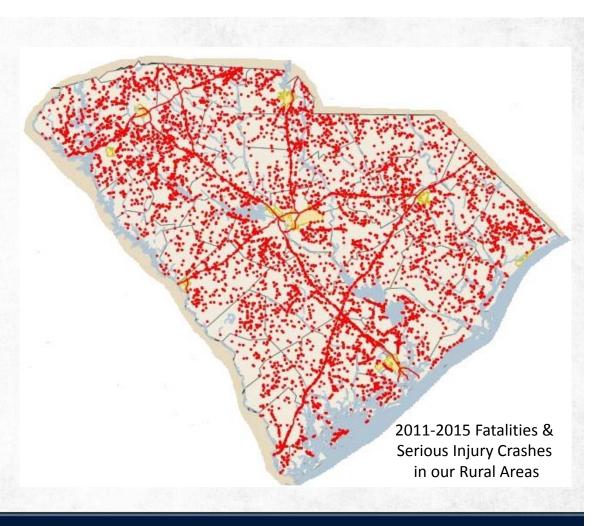


### **Safety**

Over the past 5 years in our rural areas there have been

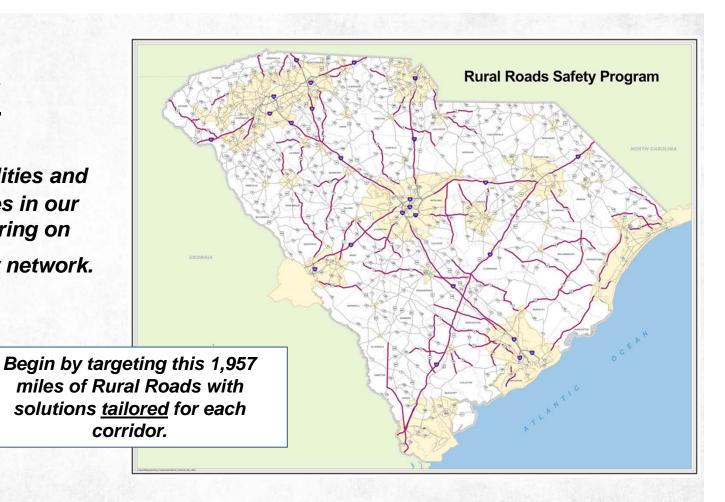
6,812 crashes

that resulted in either a fatality or serious injury.



## **Safety**

Nearly 30% of fatalities and serious injury crashes in our rural areas are occurring on just over 5% of our network.





### Rural Road Safety Program Funding

- 10 year program
- \$50M / year
- Funding from state gas tax approved Spring 2017



## **Project Delivery**

First steps...



|  | Total    | Total |       |       |
|--|----------|-------|-------|-------|
| Location Information                             | Length   | F&SI  | Fatal | INJ 3 |
| Aiken/Saluda/Lexington US 1                      | 23.405   | 15    | 4     | 11    |
| Aikan/Rarnwall LIS 278                           | 2/1 7/13 | 11    | Λ     | 7     |
| Anderson US 29                                   | 14.218   | 29    | 10    | 19    |
| Beautort US 2/8                                  | 1.287    | 22    | 2     | 20    |
| Calhoun/Orangeburg/Berkeley SC 6                 | 52.395   | 37    | 12    | 25    |
| Berkeley/Williamsburg/Georgetown US 17 Alternate | 44.09    | 44    | 8     | 36    |
| Charleston S- 20                                 | 14.607   | 19    | 7     | 12    |
| Charleston/Georgetown US 17                      | 39.329   | 28    | 12    | 16    |
| Cherokee US 29                                   | 6.916    | 9     | 3     | 6     |
| Chester/York SC 72                               | 11.827   | 17    | 5     | 12    |
| Chester/Lancaster/Kershaw SC 97                  | 31.013   | 17    | 5     | 12    |
| Colleton SC 303                                  | 11.531   | 10    | 4     | 6     |
| Colleton/Hampton SC 63                           | 20.275   | 15    | 4     | 11    |
| Colleton SC 64                                   | 13.251   | 13    | 4     | 9     |
| Colleton US 21                                   | 33.55    | 5     | 2     | 3     |
| Charleston/Dorchester SC 165                     | 13.937   | 10    | 1     | 9     |
| Colleton/Dorchester/Charleston SC 61             | 49.951   | 51    | 15    | 36    |
| Colleton/Dorchester US 17 Alternate              | 14.997   | 17    | 8     | 9     |
| Dorchester/Orangeburg US 78                      | 37.579   | 28    | 7     | 21    |
| Edgefield/Greenwood US 25                        | 43.145   | 22    | 5     | 17    |







|          |     |            | Project Location Information   |                     |              |           |         |           | Segment Milepoints |          |        |        |
|----------|-----|------------|--------------------------------|---------------------|--------------|-----------|---------|-----------|--------------------|----------|--------|--------|
|          |     |            |                                |                     |              | Route     | Route   | Route     | Total              | Crash    | Crash  | Crash  |
| Corrid - | ~   | Project    | ~                              | Route               | County 🕝     | Type -    | Numbe - | AUX -     | Lengtr -           | BMP [▼   | EMP 🔽  | Length |
| 1        | 1   |            | Aiken/Saluda/Lexington US 1    | Aiken US 1          | Aiken        | US        | 1       |           | 23.405             | 19.1     | 29.1   | 10     |
| 1        | 2   |            | Aiken/Saluda/Lexington US 1    | Aiken US 1          | Aiken        | US        | 1       |           | 23.405             | 29.1     | 39.1   | 10     |
| 1        | 3   |            | Aiken/Saluda/Lexington US 1    | Aiken US 1          | Aiken        | US        | 1       |           | 23.405             | 39.1     | 39.75  | 0.65   |
| 1        | 4   |            | Aiken/Saluda/Lexington US 1    | Saluda US 1         | Saluda       | US        | 1       |           | 23.405             | 0        | 2.32   | 2.32   |
| 1        | 5   |            | Aiken/Saluda/Lexington US 1    | Lexington US 1      | Lexington    | US        | 1       |           | 23.405             | 0        | 0.435  | 0.435  |
| 2        | 6   |            | Aiken/Barnwell US 278          | Aiken US 278        | Aiken        | US        | 278     |           | 24.743             | 8.087    | 18.087 | 10     |
| 2        | 7   |            | Aiken/Barnwell US 278          | Aiken US 278        | Aiken        | US        | 278     |           | 24.743             | 18.087   | 28.087 | 10     |
| 2        | 8   |            | Aiken/Barnwell US 278          | Aiken US 278        | Aiken        | US        | 278     |           | 24.743             | 28.087   | 30.33  | 2.243  |
|          | - Ç |            | A:1/D                          | D                   | D            | <u>''</u> | 0.70    |           | 24.740             | <u> </u> | 2.5    | 2.5    |
| 3        | 10  |            | Anderson US 29                 | Anderson US 29      | Anderson     | US        | 29      |           | 13.737             | 19.173   | 29.173 | 10     |
| 3        | 11  |            | Anderson US 29                 | Anderson US 29      | Anderson     | US        | 29      |           | 13.737             | 29.173   | 32.91  | 3.737  |
| 7        | 14  |            | Deauloit 00 210                | Deauloit OO 210     | Deautort     | UU        | 210     |           | 1.201              | J.003    | 7.030  | 1.201  |
| 5        | 13  | Calh       | oun/Orangeburg/Berkeley SC 6   | Calhoun SC 6        | Calhoun      | SC        | 6       |           | 52.395             | 23.8     | 28.03  | 4.23   |
| 5        | 14  | Calh       | oun/Orangeburg/Berkeley SC 6   | Orangeburg SC 6     | Orangeburg   | SC        | 6       |           | 52.395             | 0        | 10     | 10     |
| 5        | 15  | Calh       | oun/Orangeburg/Berkeley SC 6   | Orangeburg SC 6     | Orangeburg   | SC        | 6       |           | 52.395             | 10       | 20     | 10     |
| 5        | 16  | Calh       | oun/Orangeburg/Berkeley SC 6   | Orangeburg SC 6     | Orangeburg   | SC        | 6       |           | 52.395             | 20       | 26.02  | 6.02   |
| 5        | 17  | Calh       | oun/Orangeburg/Berkeley SC 6   | Berkeley SC 6       | Berkeley     | SC        | 6       |           | 52.395             | 0        | 10     | 10     |
| 5        | 18  | Calh       | oun/Orangeburg/Berkeley SC 6   | Berkeley SC 6       | Berkeley     | SC        | 6       |           | 52.395             | 10       | 20     | 10     |
| 5        | 19  | Calh       | oun/Orangeburg/Berkeley SC 6   | Berkeley SC 6       | Berkeley     | SC        | 6       |           | 52.395             | 20       | 22.145 | 2.145  |
| 6        | 20  | Villiamsbu | urg/Georgetown US 17 Alternate | Berkeley US 17 ALT  | Berkeley     | US        | 17      | Alternate | 44.09              | 18.245   | 28.245 | 10     |
| 6        | 21  | Villiamsb  | urg/Georgetown US 17 Alternate | Berkeley US 17 ALT  | Berkeley     | US        | 17      | Alternate | 44.09              | 28.245   | 38.245 | 10     |
| 6        | 22  | Villiamsb  | urg/Georgetown US 17 Alternate | Berkeley US 17 ALT  | Williamsburg | US        | 17      | Alternate | 44.09              | 38.245   | 38.38  | 0.135  |
| 6        | 23  | Villiamsbu | urg/Georgetown US 17 Alternate | liamsburg US 17 ALT | Williamsburg | US        | 17      | Alternate | 44.09              | 0        | 0.5    | 0.5    |
| 6        | 24  | Villiamsbu | urg/Georgetown US 17 Alternate | orgetown US 17 ALT  | Georgetown   | US        | 17      | Alternate | 44.09              | 0        | 10     | 10     |
| 6        |     |            |                                |                     |              |           |         |           |                    |          |        |        |







#### South Carolina Department of Transportation

#### **Engineering Directive**

Directive Number: ED-72 Effective: June 14, 2017

Subject: Rural Road Safety Project Prioritization Process for

**Non-Interstate Routes** 

References: Section 57-1-370 of South Carolina Code of Laws, 1976, as

amended; S.C. Code of Regulations 63-10, as amended

Primary Department: Traffic Engineering

In 2007, the South Carolina General Assembly enacted Act 114. One of the landmark items in Act 114 was the requirement that the South Carolina Department of Transportation (SCDOT) establish a project prioritization process. In 2016, the General Assembly enacted Act 275. Act 275 eliminated some of Act 114's requirements but it retained the requirement for project prioritization. This requirement is codified in Section 57-1-370 of the South Carolina Code of Laws, 1976, as amended. Additional detail on the process is found in S.C. Code of Regulations 63-10, as amended.



Engineering Directive 72 Page 2 of 3

#### **Project Selection**

Corridors along the same routes with the same functional classification (rural arterial) and within the same counties are divided into ten mile independent segments where possible. The maximum segment length is ten miles. Segments will be ranked based on the number of crashes resulting in a fatality or serious injury within each segment. Tie breakers are used for segments with the same number of fatalities and serious injuries crashes. Tie breakers listed in order of priority are: total fatalities, total road departure crashes, and annual daily traffic (ADT).

To ensure the final phase of the program does not consist entirely of small disjointed segments, ranked segments are screened to determine if there is an adjacent segment less than five miles within the identified corridor. The ranked segment and adjacent segment are combined to ensure corridor continuity. Data associated with the adjacent segment is not considered with the ranking process. Segments longer than five miles and segments shorter than five miles, but not adjacent to another segment, are considered independent segments and will be ranked individually.



|          |     |          | Project  | Location Information   |        | Seament | Milepoints |        | 2011-2015 F | atal & SI Cr | ashes  |      | AADT  |
|----------|-----|----------|--|------------------------|--------|---------|------------|--------|-------------|--------------|--------|------|-------|
|          |     |          |  |                        | Total  |         |            | Crash  |             |              |        |      |       |
| Corrie * | ~   | Init. I  | Proj *   | Ro 🔻                   | Leng * | ВМР ▼   | EMP *      | Leng * | Tota▼       | Fata▼        | INJ: 🐣 | RC * | AAI 🔻 |
| 1        | - 1 | 2017-033 | Aiken/Saluda/Lexington US 1                      | Aiken US 1             | 23,405 | 19.1    | 29.1       | 10     | 9           | 3            | 6      | 3    | 8056  |
| 1        | 2   |          | Aiken/Saluda/Lexington US 1                      | Aiken US 1             | 23,405 | 29.1    | 39.1       | 10     | 5           | 1            | 4      | 3    | 3700  |
| 1        | 3   |          | Aiken/Saluda/Lexington US 1                      | Aiken US 1             | 23,405 | 39.1    | 39.75      | 0.65   | 0           | 0            | 0      | 0    | 3700  |
| 1        | 4   |          | Aiken/Saluda/Lexington US 1                      | Saluda US 1            | 23,405 | 0       | 2.32       | 2.32   | 0           | 0            | 0      | 0    | 2900  |
| 1        | 5   |          | Aiken/Saluda/Lexington US 1                      | Lexington US 1         | 23,405 | 0       | 0.435      | 0.435  | 0           | 0            | 0      | 0    | 2700  |
| 2        | 6   |          | Aiken/Barnwell US 278                            | Aiken US 278           | 24.743 | 8.087   | 18.087     | 10     | 6           | 3            | 3      | 2    | 6134  |
| 2        | 7   |          | Aiken/Barnwell US 278                            | Aiken US 278           | 24.743 | 18.087  | 28.087     | 10     | 4           | 0            | 4      | 4    | 4300  |
| 2        | 8   |          | Aiken/Barnwell US 278                            | Aiken US 278           | 24.743 | 28.087  | 30.33      | 2.243  | 1           | 1            | 0      | 1    | 4300  |
| 2        | 9   |          | ∆iken/Barowell LIS 278                           | Rarnwell LIS 278       | 24 743 | 0       | 25         | 25     | n           | 0            | 0      | 0    | 3400  |
| 3        | 10  | 2017-002 | Anderson US 29                                   | Anderson US 29         | 13.373 | 19,173  | 29.173     | 10     | 22          | 8            | 14     | 5    | 7572  |
| 3        | 11  |          | Anderson US 29                                   | Anderson US 29         | 13.373 | 29.173  | 32.91      | 3.737  | 7           | 2            | 5      | 2    | 12226 |
| 4        | 12  |          | Deauroit US 278                                  | beauror us 276         | 1.207  | 3,603   | 4.030      | 1.207  | 22          |              | 20     | ь    | 47000 |
| 5        | 13  |          | Calhoun/Orangeburg/Berkeley SC 6                 | Calhoun SC 6           | 52.395 | 23.8    | 28.03      | 4.23   | 1           | 1            | 0      | 0    | 2030  |
| 5        | 14  |          | Calhoun/Orangeburg/Berkeley SC 6                 | Orangeburg SC 6        | 52,395 | 0       |            |        | 3           | 2            | 1      | 3    | 4369  |
| 5        | 15  |          | Calhoun/Orangeburg/Berkeley SC 6                 | Orangeburg SC 6        | 52.395 | 10      | 20         | 10     | 3           | 3            | 0      | 1    | 4278  |
| 5        | 16  | 2017-040 | Calhoun/Orangeburg/Berkeley SC 6                 | Orangeburg SC 6        | 52,395 | 20      | 26.02      | 6.02   | 8           | 3            | 5      | 6    | 3456  |
| 5        | 17  | 2017-005 | Calhoun/Orangeburg/Berkeley SC 6                 | Berkeley SC 6          | 52,395 | 0       | 10         | 10     | 18          | 3            | 15     | 12   | 4075  |
| 5        | 18  |          | Calhoun/Orangeburg/Berkeley SC 6                 | Berkeley SC 6          | 52.395 | 10      | 20         | 10     | 3           | 0            | 3      | 2    | 4600  |
| 5        | 19  |          | Calhoun/Orangeburg/Berkeley SC 6                 | Berkeley SC 6          | 52.395 | 20      | 22.145     | 2.145  | 1           | 0            | 1      | 0    | 4600  |
| 6        | 20  | 2017-004 | Berkeley/Williamsburg/Georgetown US 17 Alternate | Berkeley US 17 ALT     | 44.09  | 18.245  | 28.245     | 10     | 18          | 4            | 14     | 13   | 7942  |
| 6        | 21  |          | Berkeley/Williamsburg/Georgetown US 17 Alternate | Berkeley US 17 ALT     | 44.09  | 28.245  | 38.245     | 10     | 6           | 2            | 4      | 1    | 4637  |
| 6        | 22  |          | Berkeley/Williamsburg/Georgetown US 17 Alternate | Berkeley US 17 ALT     | 44.09  | 38.245  | 38.38      | 0.135  | 0           | 0            | 0      | 0    | 5400  |
| 6        | 23  |          | Berkeley/Williamsburg/Georgetown US 17 Alternate | Williamsburg US 17 ALT | 44.09  | 0       | 0.5        | 0.5    | 0           | 0            | 0      | 0    | 5100  |
| 6        | 24  |          | Berkeley/Williamsburg/Georgetown US 17 Alternate | Georgetown US 17 ALT   | 44.09  | 0       | 10         | 10     | 4           | 0            | 4      | 2    | 2600  |
| 6        | 25  |          | Berkeley/Williamsburg/Georgetown US 17 Alternate | Georgetown US 17 ALT   | 44.09  | 10      | 20         | 10     | 5           | 1            | 4      | 2    | 5373  |
| 6        | 26  | 2017-045 | Berkeley/Williamsburg/Georgetown US 17 Alternate | Georgetown US 17 ALT   | 44.09  | 20      | 23,455     | 3,455  | 8           | 1            | 7      | 3    | 12902 |
| 7        | 27  | 2017-008 | Charleston S- 20                                 | Charleston S- 20       | 14.607 | 2.793   | 12.793     | 10     | 15          | 5            | 10     | 11   | 13737 |
| 7        | 28  |          | Charleston S- 20                                 | Charleston S- 20       | 14.607 | 12.793  | 17.4       | 4.607  | 4           | 2            | 2      | 3    | 11357 |



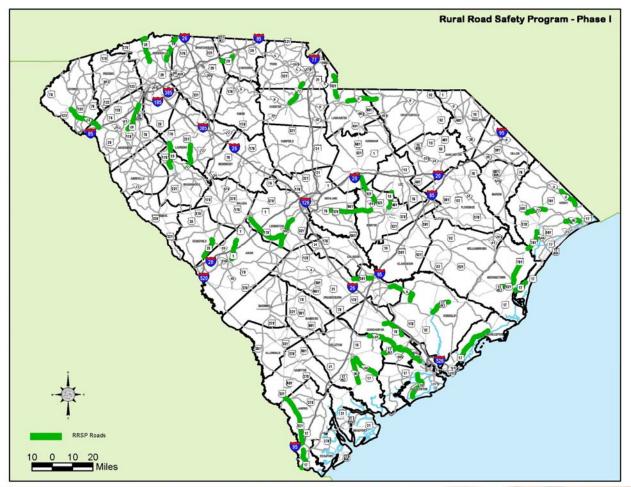
| Rank ▼ C   |            |           |          | d Safety Program - 2017 Impler  | nentation                         |              |
|------------|------------|-----------|----------|---------------------------------|-----------------------------------|--------------|
| Pank - C   |            |           | Total    |                                 |                                   |              |
| nalik 🔻 C  | County     | Route 🔻   | Mileag ▼ | Begin ▼                         | End ▼                             | Construction |
| 2017-001 R | Richland   | US 76     | 10       | near SC 769 (Congaree Rd.)      | near US 601 (McCord's Ferry Rd.)  | Phase I      |
| 2017-002 A | Anderson   | US 29     | 13.737   | S-904 (Snow Rd.)                | I-85                              | Phase I      |
| 2017-003 D | Dorchester | US 78     | 11.249   | near US 178 (E. Main St.)       | S-58 (Jedburg Rd.)*               | Phase I      |
| C          | Dorchester | US 78     |          |                                 |                                   |              |
| 2017-004 B | Berkeley   | US 17 ALT | 10       | near SC 402 (Highway 402)       | near L-665 (Coggeshall Rd.)       | Phase I      |
| 2017-005 B | Berkeley   | SC 6      | 10       | near S-59 (County Line Rd.)     | near L-2901 (Mikey Rd.)           | Phase I      |
| 2017-006   | Dorchester | US 17 ALT | 9.107    | Colleton/Dorchester County Line | near L-163 (Summers Dr.)          | Phase I      |
| 2017-007   | Greenville | US 25     | 13.388   | near L-346 (Belvue School Rd.)  | North Carolina State Line         | Phase I      |
| 2017-008 C | Charleston | S-20      | 14.607   | near S-2068 (Kitford Rd.)       | near L-4696 (Kiawah Island Pkwy.) | Phase I      |
| 2017-009   | Dorchester | SC 61     | 10       | Colleton/Dorchester County Line | near S-163 (Summers Dr.)          | Phase I      |
| 2017-010 J | lasper     | US 17     | 10       | Georgia State Line              | near S-383 (Toomerville Loop)     | Phase I      |
| 2017-011   | Greenwood  | US 25     | 12.831   | near S-160 (Keels Rd.)          | near SC 252 (Highway 252)*        | Phase I      |
| L          | Laurens    | US 25     |          |                                 |                                   |              |
| 2017-012 H | Horry      | US 701    | 10.206   | Georgetown/Horry County Line    | near L-435 (Copperhead Rd.)       | Phase I      |
| 2017-013   | Dorchester | SC 61     | 9.87     | near S-163 (Summers Dr.)        | Dorchester/Charleston County Line | Phase I      |
| 2017-014 J | lasper     | US 321    | 10       | near US 17 (Whyte Hardee Blvd.) | near S-34 (Okatie Hwy.)           | Phase I      |
| 2017-015 S | Sumter     | US 76     | 7.798    | Richland/Sumter County Line     | near SC 441 (Patriot Pkwy.)       | Phase I      |
| 2017-016 H | Horry      | SC 9      | 10       | near S-66 (Highway 66)          | near L-2088 (Marlowe Cir.)        | Phase I      |
| 2017-017 S | Sumter     | US 521    | 14.152   | near L-1025 (Brabham Dr.)       | near SC 261 (Boykin Rd.)*         | Phase I      |
| K          | Kershaw    | US 521    |          |                                 |                                   |              |
| 2017-018 J | lasper     | US 321    | 14.48    | near S-34 (Okatie Hwy.)         | Jasper/Hampton County Line        | Phase I      |
| 2017-019 C | Chester    | SC 72     | 11.827   | near SC 97 (J.A. Cochran Byp.)  | near SC 324 (Highway 324 E.)*     | Phase I      |
| Υ          | York       | SC 72     |          |                                 |                                   |              |
| 2017-020 C | Oconee     | SC 24     | 18.79    | US 76 (E. Main St.)             | near SC 243 (Highway 243)*        | Phase I      |











RRSP Phase 1 463 Miles Approved Sept 2017



#### RRSP - Phase 1

We still have 463 Miles...

Where do we begin?



#### RRSP - Phase 1

Established goal of 100 miles of projects per year



As of Nov 2018

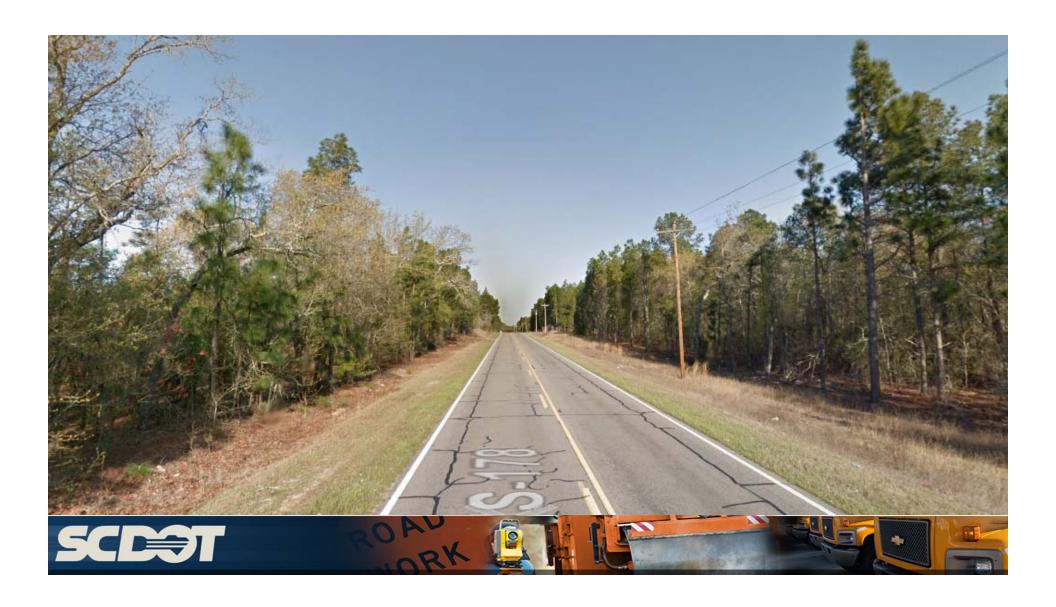


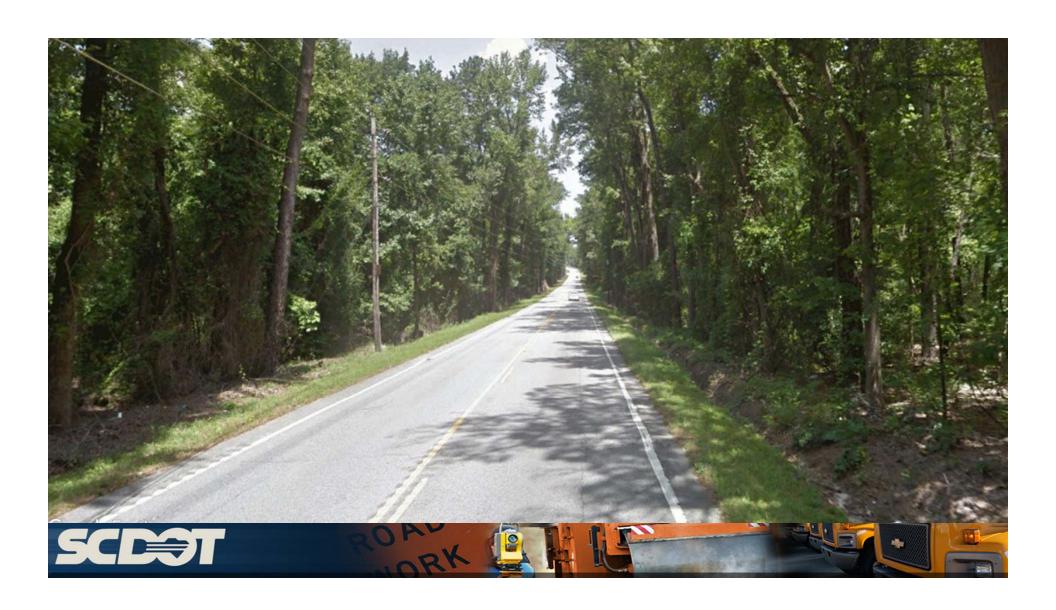
### RRSP - Phase 1

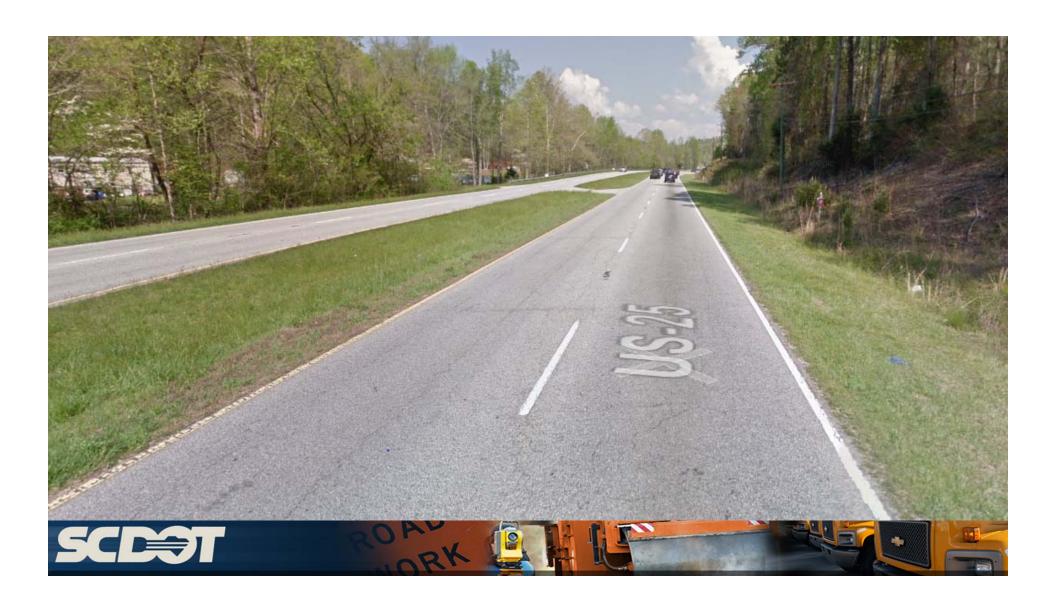
Road reviews with staff beginning August 2017

Divided into 3 "Buckets"









## RRSP - Phase 1

#### Determined need for surveys

 After review, we ordered aerial surveys through an On-Call in December to fly while in the winter.

 The goal was to provide data to consultants once their contracts were approved

Survey & Decide routes

~200 miles, ~\$2M



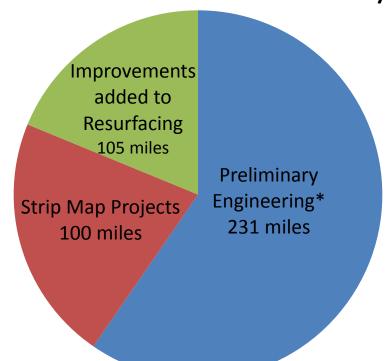
## RRSP - Phase 1

Identified project overlaps and partnering opportunities. The scope of the RRSP were safety enhancements to most projects. This allowed us to expedite delivery of RRSP features of any approved corridor.

- Project Programming System (P2S) Conflict Reports
- Identified Internal SCDOT Projects: widenings, bridge replacements, intersection projects.
  - SCDOT Resurfacing January 2018 Letting 48 miles
- County Sales Tax Projects
- RRSP funded the safety enhancements



## Rural Road Safety Program December 2018 Summary





## RRSP - Phase 1

#### Additional Accomplishments:

- Developed Scope of Services for Consultants Using 3R Principles
  - Increases flexibility of geometric improvements
  - Strikes a balance between increasing safety and minimizing adverse impacts
  - Realizes the greatest overall benefit from the available funds
- Pavement Marking & Signing Special Provision
- Preconstruction Checklist for RRSP safety feature inclusion
- 80 Miles of RRSP projects under contract with 4 firms for project development (18 – 24 months)



## **RRSP Forecast**

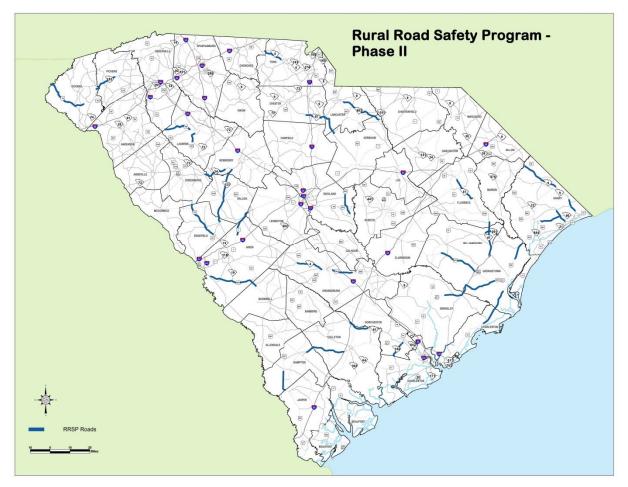
#### Forecasted Phase 1 Accomplishments by Summer 2019:

- Request an additional 35+ Miles in surveys
- Anticipate an additional 80+ Miles to consultant

#### Estimated 280 Miles of RRSP Treatments By Summer 2019

- 205 miles by December 2018
- ~55 Miles In-House RRSP Projects by Summer 2019
- ~20 Miles of Resurfacing Overlap Projects by Summer 2019





RRSP Phase 2 447 Miles Approved July 2018



## **SCDOT RRSP Website**

- Programmatic Information
- Type of Improvements
- Improvement Examples
- Interactive Project Map
- Public Comment Portal
- RRSP Website







Popular Programs & Projects Travel Business Inside Performance Contact

# Your Complete Resource for South Carolina's Transportation System

10-Year Plan
Our Record Breaking Year!



Record Breaking 1st Year - 10 Year Plan

STORM Resources

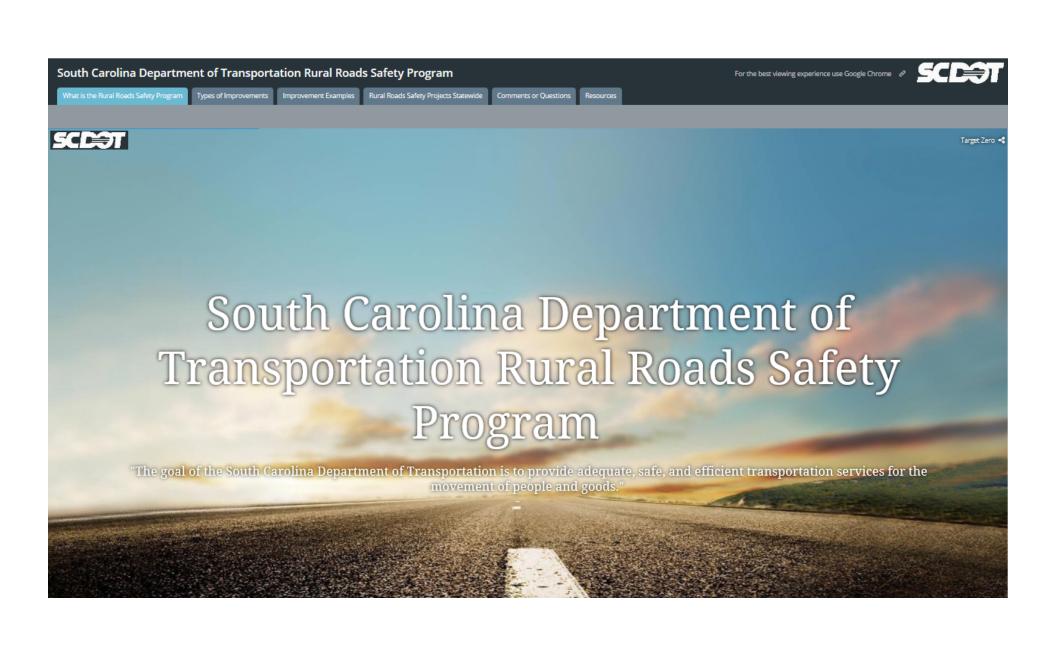
View Our Storm Resources

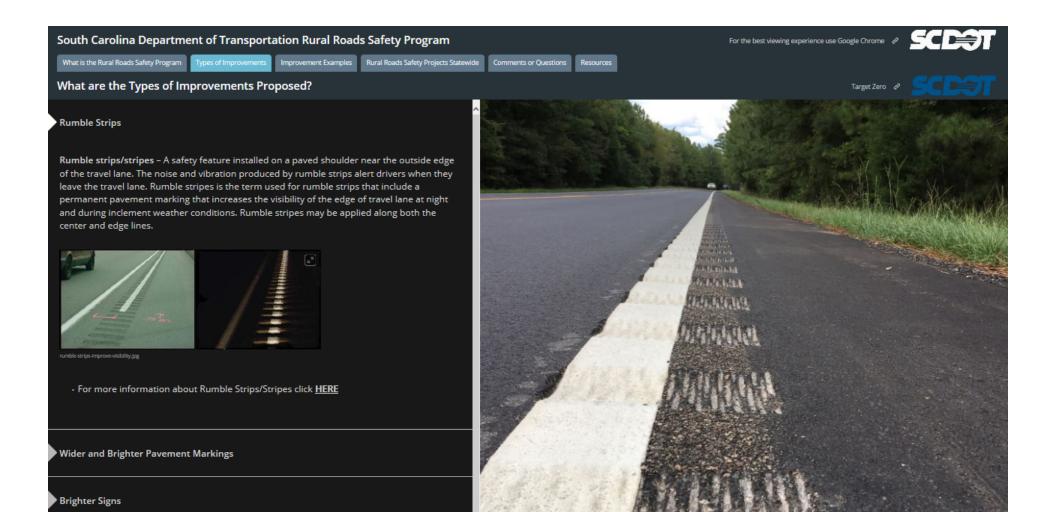
All of our hurricane related information is accessible on our resources page. SCDOT Public Involvement
PORTAL

Public Involvement Portal

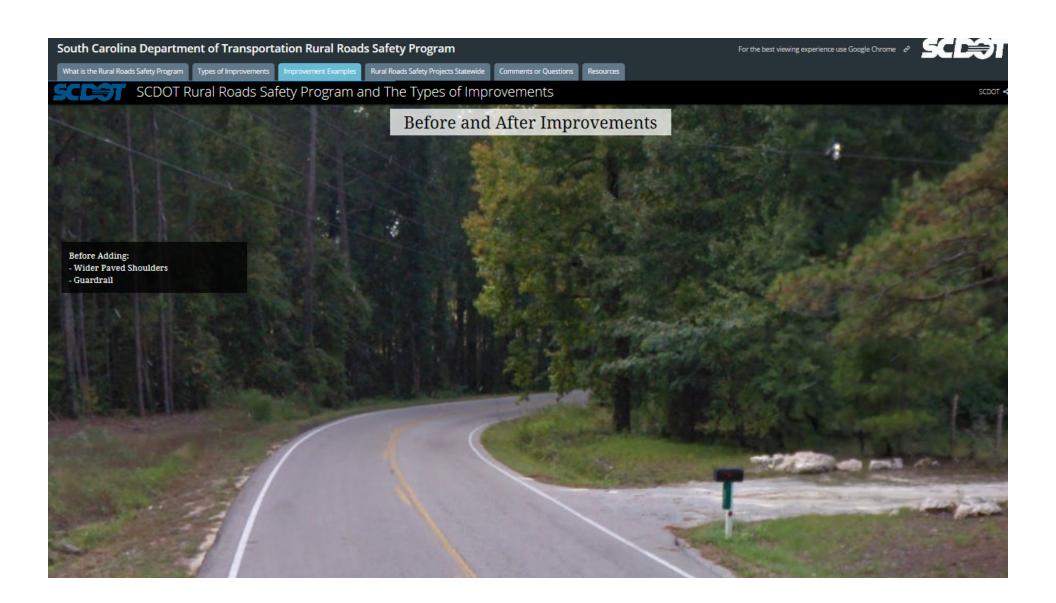
information. Discover what projects and improvements SCDOT is making in your area. nfrastructure Maintenance Trust Fund

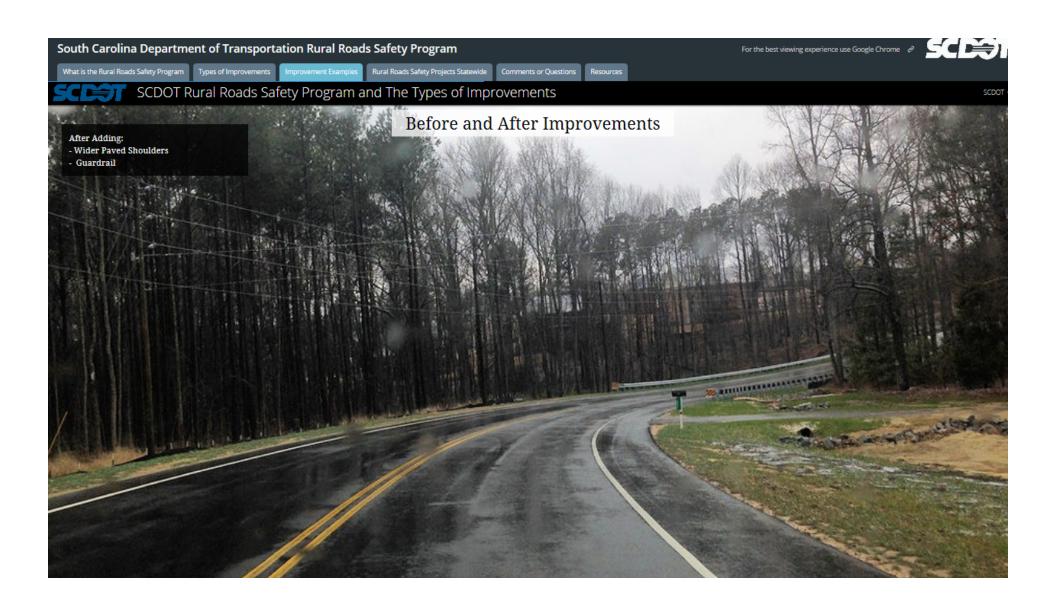
The Infrastructure Maintenance
Trust Fund (IMTF) account
balance is \$338,590,528.30 as of
September 30, 2018. For a list of
projects funded by the IMTF, and
details on the account, visit our
trust fund page.

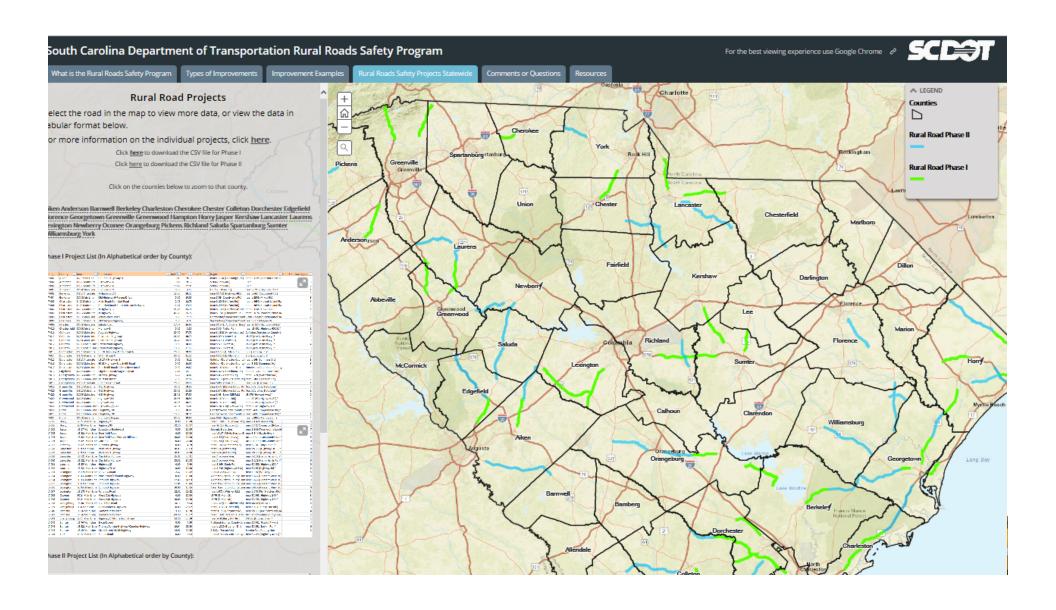


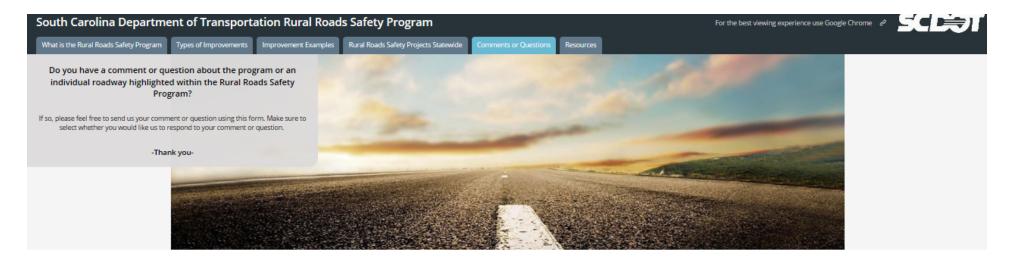


High Friction Surface Treatments









#### Contact Us

| Note: All fields are required. Please complete the form below and then submit your comments using the continue button. |   |
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