# RESTRUCTURING & SEVEN-YEAR PLAN

# South Carolina Department of Transportation

Date of Submission: March 31, 2015

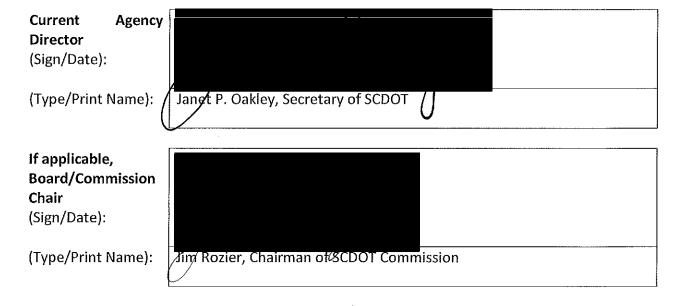
Please provide the following for this year's Restructuring and Seven-Year Plan Report.

		Name	Date of Hire	Email
Agency Di	rector	Secretary Janet Oakley	May 22, 2014	oakleyjp@scdot.org
Previous	Agency	Secretary Bob St. Onge	Feb. 10, 2011	rjstonge47@gmail.com
Director	;			

	Name	Phone	Email
Primary Contact:	Wendy Nicholas	803-737-0885	nicholaswb@scdot.org
Secondary	Susan Johnson	803-737-1381	johnsonsc@scdot.org
Contact:			·

Is the agency vested with revenue bonding authority? (re: Section 2-2	2-60(E))	No

I have reviewed and approved the enclosed 2015 Restructuring and Seven-Year Plan Report, which are complete and accurate to the extent of my knowledge.



### Table of Contents

Insert the appropriate page numbers once the agency has completed the report.

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# **EXECUTIVE SUMMARY**

### I. Executive Summary

### A. Historical Perspective

1. Please reference the Historical Perspective Chart in the Excel document. This chart provides a list of major changes in the agency's purpose or mission and any restructuring that occurred (i.e., combining with or taking on other agency responsibilities, etc.) during the last ten years.

### B. Purpose, Mission and Vision

1. Please reference the Purpose/Mission/Vision Chart in the Excel document. This chart details the "Purpose, Mission, and Vision" of the Agency.

### C. Key Performance Measure Results

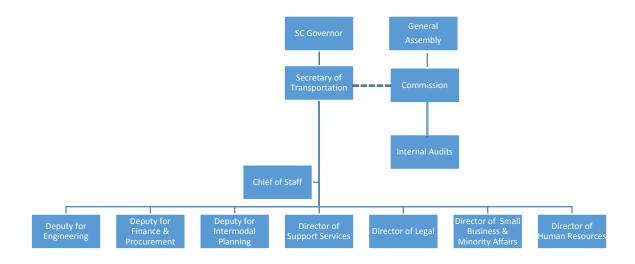
- After completing the Key Performance Measurement Processes Section of this Report, please come back to this question and provide a summary of the results (bullet style results only, explanations should be included in the Key Performance Measurement Processes Section).
  - Reduce the Fatality Rate on SC highways.
  - Reduce structurally deficient bridge statistics.
  - Manage pavement assets.
  - Manage transit cost per passenger trip.
  - Deliver construction projects on or under budget.
  - Transit provider satisfaction.
  - Deliver construction projects on time.
  - Workforce retention.
  - Employee Recognition programs.
  - Workforce Development.
  - Workplace Accidents/Injuries.
  - Disadvantaged Business Enterprise Program.

# ORGANIZATIONAL PROFILE

### II. Organizational Profile

This section asks for a fact based description of the agency. Please provide information in the stated Excel template. If an Excel template is not referenced, provide the information in bullet style.

- The agency's main deliverables (i.e., products or services) and the primary methods by which these are provided;
  - a. Please reference the Key Deliverables Chart in the Excel document.
- The agency's key customers and their requirements and expectations;
  - a. Please reference the Key Customers Chart in the Excel document.
- The agency's key stakeholders (other than customers);
  - a. Please reference the Key Stakeholders Chart in the Excel document.
- Other state agencies which have the biggest impact on the agency's mission success;
  - a. Please reference the Key Partner Agency Chart in the Excel document.
- The agency's performance improvement system(s);
  - a. Strategic Direction
  - b. 2040 Multimodal Plan
  - c. Program and Resource Analysis Meeting (PRAM)
- The agency's organizational structure in flow chart format;



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- Details about the body to whom the Agency Head reports;
  - a. Please reference the Overseeing Body Chart in the Excel document.
- Please reference Major Program Areas Chart in the Excel document.
- Please identify any emerging issues the agency anticipates may have an impact on its operations in the upcoming five years.
  - a. <u>Solvency of the federal Highway Trust Fund</u> since SCDOT receives over 60% of its funding from federal government (i.e., the Highway Trust Fund).
  - b. <u>Need for a federal long-term/multi-year Surface Transportation Authorization</u>
    <u>Bill</u> that would provide authority for SCDOT to plan and let projects.
  - c. Lack of ability to maintain Infrastructure with current funding.
  - d. <u>Inability to provide multimodal needs for highways, bridges, bicycle/pedestrian, and transit with expected increase in residents, tourist, and businesses.</u>

# ORGANIZATIONAL PROFILE

### III. Laws (Statutes, Regulations, Provisos)

This section asks for state and federal statutes, regulations and provisos ("Laws") which apply to the agency.

1. Please reference the Legal Standards Chart in the Excel document containing both state and federal statutes, regulations and provisos that apply to the agency ("Laws").

### IV. Reports and Reviews

This section asks for information about reports the agency is required to submit to a legislative entity and the agency's internal review process.

- 1. Please reference the Agency Reporting Requirements Chart in the Excel document of all reports, the agency is required to make to a legislative entity.
- 2. Please reference the Internal Audit Chart in the Excel document.

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# RESTRUCTURING REPORT

### V. Key Performance Measurement Processes

This category examines the agency's performance and improvement in key areas. Performance levels are examined relative to those of competitors and other organizations providing similar programs and services. Information is typically displayed by the use of performance measures. Quantitative measures may be supplemented by a discussion of qualitative measures where appropriate; however, every effort should be made to use appropriate quantitative measures that can be charted to show trends and comparisons to benchmarks.

Address only top-level results showing aggregate measures of agency-wide performance that are reflective of the value added to customers. Please include comparative data as applicable. These results are typically captured in performance goals and planning documents. When determining which processes are "key processes" consider the business impacts, and select those processes that are most important to the customer (both internal and external) to satisfy their requirements and/or those processes with problem areas identified by management.

Note: Results information (i.e., each chart, graph, table) reported for this category should be referenced to the specific question number (Ex. Chart 5.1-1, Graph 5.1-2, Table 5.1-3). The third digit identifies the sequential position of the specific chart, graph or table included in the agency's responses to each questions.

# For <u>each</u> performance measurement included in response to the questions on the next page under Subsection A, please provide the following information:

- a. The performance goal(s)/benchmark(s) for the overall process output, and/or critical activities that produce the output.
  - i. Three agency/government entities in other states or non-government entities the agency considers the best in the country in this process or similar process and why.
  - ii. If the agency did not use results from an entity the agency listed in response to "i" as a performance goal/benchmark, why not and why did the agency choose the goal/benchmark it did?
  - iii. Individual(s) who are not employed by the agency (government or non-government, located anywhere in the country) whom the agency considers an expert in the process or similar process and their contact information, or if deceased, name of books authored.
- b. List the senior leaders who review the performance measure, their title and frequency with which they monitor it.
- c. Trends the agency has seen and the method by which it analyzes trends in these results.
- d. Whether the agency has reasonable control over this result (i.e., more than 50% or enough to be able to influence and accurately measure the result).
  - If the agency does not have reasonable control over this result, the other one or more agencies, who when combined with the agency, together have reasonable control over the result and names of those other agencies.

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# RESTRUCTURING REPORT

### V. Key Performance Measurement Processes (cont.)

### A. Results of Agency's Key Performance Measurements

SCDOT routinely compares performance metrics to neighboring and regional states including North Carolina, Georgia, and Florida. SCDOT is a member of SASHTO, the Southeastern Association of State Highway & Transportation Officials. The departments of transportation from Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Puerto Rico, South Carolina, Tennessee, Virginia and West Virginia are the member states of SASHTO.

SCDOT is also looking to other states known for best practices in performance management including, but not limited to, Utah, Oregon, Missouri, and Virginia. Industry experts include Pete Rahn and John Njord. SCDOT also relies on guidance and expertise offered by AASHTO (American Association of State Highway & Transportation Officials), FHWA and FTA. SCDOT staff participates in many peer exchanges and serves on numerous AASHTO committees on policy matters.

Effective with the last federal surface transportation authorization, the federal program is migrating towards a performance management approach to the National Highway System. Once the rulemaking and national benchmarking is established and vetted, SCDOT will be able to compare our management and performance levels of the National Highway System in SC with other segments of the federal system in other states. Based on the national movement towards a risk-based performance management approach to assets, SCDOT is in the process of preparing a Transportation Asset Management Plan (TAMP) that incorporates all components of the system (federal-aid and non federal-aid eligible) under SCDOT's responsibility as the lead transportation agency for the state of SC.

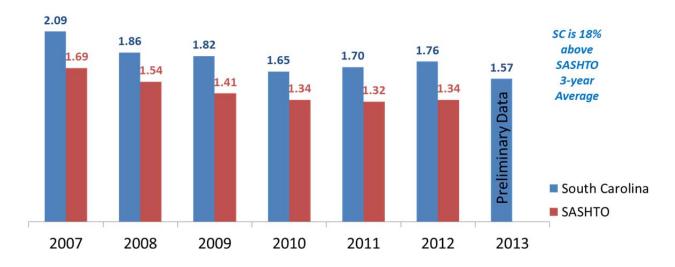
#### Mission Effectiveness

1. What are the agency's actual performance levels for two to four of the agency's key performance measurements for mission effectiveness (i.e., a process characteristic indicating the degree to which the process output (work product) conforms to statutory requirements (i.e., is the agency doing the right things?))?

Secretary Oakley and the Senior leadership team of SCDOT recently updated and launched a Strategic Management Plan, called Strategic Direction. This living document is structured to identify the most important goals of the agency, emphasis areas and priority actions to be accomplished as we perform our mission. Below are three items selected from the many measures that SCDOT tracks regarding our effectiveness of our annual program: Fatalities (Safety), Structurally Deficient Bridges and Pavement Condition.

Chart 5.1-1
SC vs Southern Regional Traffic Fatality Rate

Traffic fatalities per 100 Million Vehicle Miles Traveled



1a. Performance Benchmark: Providing a safe transportation system is a top priority of SCDOT. SECTION 57-1-30 of the SC Code of Laws identifies that the goal of the department is to provide adequate, <u>safe</u>, and efficient transportation services for the movement of people and goods. As such, SCDOT produces, in coordination with the SC Department of Public Safety and FHWA, the State of South Carolina's Strategic Highway Safety Plan (SHSP) in accordance with the requirements of 23 USC § 148(d), Highway Safety Improvement Program. The current DRAFT Plan, entitled Target Zero, is indicative of the state's commitment to eliminating traffic fatalities and severe injuries over time. SC routinely benchmarks itself against the national fatality rates

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as well as compares itself to the Southern Region of the United States. In 2013, traffic fatalities were lowest since 1982 and fatalities per vehicle miles traveled is lowest ever recorded in the state. However, SC is still approximately 50% above the national fatality rate.

- i. Leaders: SC is considered a national leader in using a data-driven approach to safety. Other states such as Tennessee DOT and Georgia DOT have emulated some of our innovative practices on using a data-driven approach to project selection.
- ii. Benchmark Selection: All states utilize similar crash, fatality and serious injury metrics.
- iii. National Experts:
  - a. Mr. Jeff Shaw, FHWA's Intersection Safety Program Manager. (708) 283-3524. jeffrey.shaw@dot.gov
  - b. Ms. Jennifer Warren, FHWA's Safety Program Coordinator (202) 366-2157 jennifer.warren@dot.gov

1b. Responsibility Assignment: The Deputy Secretary for Engineering, Christy Hall, is assigned the Highway Safety component of SCDOT's program. However, this effort is a multi-agency coordination operation. The Target Zero DRAFT plan was prepared through consultation with our Governor's Highway Safety Representative, regional and metropolitan planning organizations, representatives of the major modes of transportation, the South Carolina Highway Patrol and local law enforcement agencies, the highway-rail grade crossing safety representative, representatives conducting motor carrier safety programs under Section 31102, 31106, or 31309 of Title 49, motor vehicle administration agencies, state representative of non-motorized users, county transportation officials, and other Federal, State, tribal, and local safety stakeholders. The DRAFT SHSP continues to address key emphasis areas and contains additional recommendations for appropriate strategies and countermeasures based on data-driven and evidence-based practices toward the goal of eliminating fatalities and severe injuries on South Carolina roads.

A Steering Committee was formed for the purpose of updating the state's Strategic Highway Safety Plan. Members of the committee include representatives from the SC Department of Transportation, the SC Department of Public Safety, the Federal Highway Administration, and the National Highway Traffic Safety Administration. The Committee used a data-driven approach to identify emphasis areas for the updated SHSP and held monthly meetings to discuss each emphasis area, reviewing the data analysis results and proposing strategies to eliminate the number of fatalities and severe injuries for that particular emphasis area. Strategies were explored from the point of view of the 4Es: Engineering, Enforcement, Education, and Emergency Medical Services. Performance measures and goals were established as well as the process for evaluating progress toward meeting those goals. Additionally, the SCDOT Traffic Engineering Office provides a monthly fatality report to the SCDOT Commission and is scheduled to produce a quarterly report in accordance with the Engineering Division Goals as part of the Secretary of Transportation's Strategic Direction.

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1c. Trends: As demonstrated in Chart 5.1-1, the overall trend in SC is a steady decline in the fatality rate on SC highways. In 2013, traffic fatalities per vehicle miles traveled is the lowest ever recorded in the state yet it was still approximately 50% above the national rate. The raw crash data is reviewed in detail by technical staff with SCDOT and SCDPS. Once the technical review is completed, possible emphasis areas are identified based on trends within the data and those items are presented to the Steering Committee for consideration in the SHSP.

#### 1d. Control over outcomes: The crash data indicates that Driver Behavior is a major factor.

- 41% of all vehicle occupant fatalities and serious injuries were not wearing seatbelts
- 26% of all fatal and serious injury crashes were alcohol related
- 35% of fatal and serious injury crashes were speed related

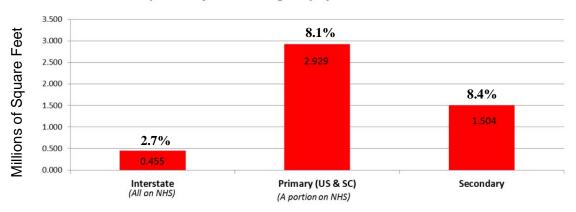
# The data also indicates that Roadway Departure is the leading factor of fatal and serious injury crashes.

- Over 40% of all traffic fatality and serious injury crashes involve vehicles leaving roadway
- About 1/3 of all rural interstate crash fatalities and serious injuries involve a vehicle striking a tree
- i. Strategies for countermeasures are explored from the point of view of the 4Es: Engineering, Enforcement, Education, and Emergency Medical Services. For the ones involving Engineering, such as rumble strips, roundabout construction, signage, etc, SCDOT clearly has the lead. As noted above, roadway departure is the leading factor in nearly half of the fatality and serious injury crashes. Accordingly, SCDOT has launched a robust countermeasure program designed to target this contributing factor to fatalities, such as rumble strips, rumble stripes, select tree clearing projects along the interstate, safety edge, paved shoulders and shoulder widenings. Our partners in the SHSP each also play a role for their respective area of control: SCDPS, SCDMV, local law enforcement, local emergency medical services and FHWA.

### **Deck Area of Structurally Deficient Bridges by System**

January 2015 data

### National requirement for National Highway System =<10% SC portion of National Highway System scored at 4.9%



1a. Performance Benchmark: Providing a safe transportation system is a top priority of SCDOT. SECTION 57-1-30 of the SC Code of Laws identifies that the goal of the department is to provide adequate, safe, and efficient transportation services for the movement of people and goods. The condition and structural health of our state's bridges play a critical role in the economy and everyday lives of citizens and visitors to the Palmetto state.

Effective with the last federal surface transportation authorization, the federal program is migrating towards a performance management approach to the National Highway System. Once the rulemaking and national benchmarking is established and vetted, SCDOT will be able to compare our management and performance levels of the National Highway System in SC with other segments of the federal system in other states.

Within the SASHTO region of the Nation and based on 2013 data, SC ranked:

4th in number of State Owned Bridges

4th in number of Structurally Deficient Bridges

8th in number of Functionally Obsolete Bridges

6th in number of Substandard Bridges

Based on 2013 data, SC compared nationally:

Structurally Deficient Bridges: Nationwide @ 6.2% -vs- SC @ 9.9% Functionally Obsolete Bridges: Nationwide @ 13.1% -vs- SC @ 9.2%

Substandard Bridges: Nationwide @ 19.4% -vs- SC @ 19.1%

## SCDOT Owned Bridges by System, Classification and Restriction

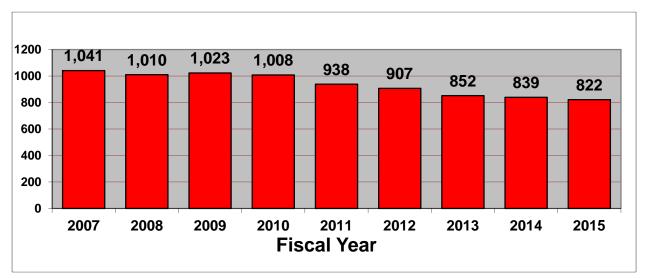
Data as of January 23, 2015

System	# Bridges	Substandard	Structurally Deficient	Functionally Obsolete	Load Restricted	Closed
Interstate	734	147	28	119	0	0
Primary (US and SC)	2,574	593	262	331	12	0
Secondary	5,112	860	532	328	378	10
Totals	8,420	1,600	822	778	390	10

- Leaders: CalTrans, Florida DOT, NCDOT, Oregon DOT and Ohio DOT are viewed by SCDOT as national leaders in effectively managing their bridge assets.
- ii. Benchmark Selection: All states will be utilizing a =< 10% target for structurally deficient bridge deck area on the NHS. Based on our preliminary assessment of SC's data, SCDOT is expecting to have a favorable report that approximately 4.9% of the NHS bridge deck area is structurally deficient. SCDOT will be determining over the next year or so, what reasonable targets need to be established for the state's use for both the NHS and non-NHS portions of the state system.</p>
- iii. National Experts:
  - a. Michael B. Johnson, CalTrans, Chief Specialty Inventory & Bridge Management (916) 227-8768
  - b. Richard I. Kerr, Florida DOT, Bridge Inspection Project Manager (850) 410-5808 Richard.kerr@dot.state.fl.us
- 1b. Responsibility Assignment: The Deputy Secretary for Engineering, Christy Hall, is assigned the responsibility for managing the state's bridge assets. Over time, this will be a shared function from a resourcing recommendation standpoint with the Deputy Secretary for Intermodal Planning as the TAMP matures.
- 1c. Trends: Over the past several years, SCDOT has seen a downward trend in the number of structurally deficient bridges in SC. However, in the 1960's SC built a significant number of precast concrete bridges on timber piles with lower design loadings that today's standards. Without additional funding, other applied countermeasures and innovations, the number of structurally deficient bridges is expected to again begin to increase over time.

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# SCDOT Owned Structurally Deficient Bridges

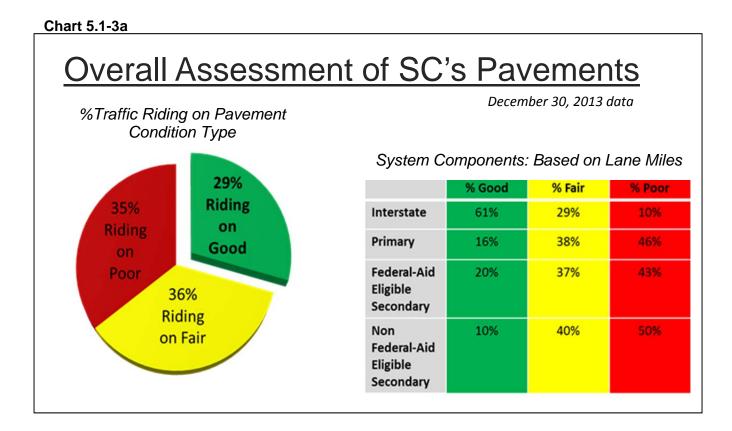


1d. Control over outcomes: The large "bubble" of older bridges that were built in the 1960's are approaching the end of their expected service life. The challenge is to balance currently available financial resources across all assets (bridges, pavements, widenings, operations, etc) while trying to achieve reasonable performance targets over time.

- i. Strategies for countermeasures are (based on current funding levels):
  - Move away from primarily a replacement oriented program to one that is more balanced to include more rehabilitation and preservation to extend bridge service life
  - Put increased emphasis on reducing public user costs associated with load restricted and closed bridges
  - Use of modern standard non-site specific bridge designs with an alternative project development process to quickly program and deliver bridge replacement projects.
  - Continue to use Asset Management/Maintenance contracts to protect and preserve critical assets. Consider additional selected privatization projects for preservation assistance where most effective and beneficial.
  - Work with the legislature, truckers, Oversize/Overweight permit load haulers and the railroads to control the loadings on bridges while promoting continued needs and services for commerce.
  - Use of Structural Health Monitoring (SHM) Technology has provided benefits and savings in bridge repairs, upgrades and restrictions by testing for actual

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load carrying performance. SCDOT was recently awarded a federal Accelerated Innovation Deployment (AID) demonstration program grant to acquire some Structural Health Monitors. This technology will enable SCDOT to determine more effectively actual loadings on bridge structures where load restrictions are being evaluated.



1a. Performance Benchmark: Providing a safe transportation system is a top priority of SCDOT. SECTION 57-1-30 of the SC Code of Laws identifies that the goal of the department is to provide adequate, safe, and efficient transportation services for the movement of people and goods. Pavement condition is a key component to the assessing the overall health of the state's transportation network. South Carolina has the fourth largest highway system in the nation, consisting of approximately 41,414 centerline miles of roadway and a little over 90,530 lane miles. The aging transportation system coupled with an insufficient funding source intensifies the challenge faced by SCDOT and our partners to maintain and preserve the transportation infrastructure in a safe and acceptable condition. As depicted in the chart above and subsequent charts below, much of the pavement condition has eroded to either fair or poor condition. SCDOT will be determining over the next year or so, what reasonable targets need to be established for the state's use for both the NHS and non-NHS portions of the state system.

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# **The State System**

Route Type	Centerline Miles	Lane Miles
Interstate	851	3,796
Primary	9,472	23,869
Federal Aid Secondary	10,271	21,108
Non Federal Aid Secondary	20,821	41,758
Total	41,414	90,530

- i. Leaders: SCDOT Staff is of the opinion that the states of Utah and Minnesota have good pavement preservation and management programs.
- ii. Benchmark Selection: Effective with the last federal surface transportation authorization, the federal program is migrating towards a performance management approach to the National Highway System. Once the rulemaking and national benchmarking is established and vetted, SCDOT will be able to compare our management and performance levels of the National Highway System in SC with other segments of the federal system in other states.
- iii. National Expert: Larry Galehouse is the director of the National Center for Pavement Preservation. (517) 432-8220 ncpp@egr.msu.edu

1b. Responsibility Assignment: The Deputy Secretary for Engineering, Christy Hall, is assigned the responsibility for managing the state's pavement assets. Over time, this will be a shared function from a resourcing recommendation standpoint with the Deputy Secretary for Intermodal Planning as the TAMP matures.

1c. Trends: As demonstrated in the charts included in this report, the overall trend for pavement condition in the state has been in a steady decline, with the exception of the interstate system which has seen some gradual improvement. With the passage of ACT 98, SCDOT is forecasting that the downward trend on the Non-Federal Aid Secondary system pavements will begin to reverse and improve over time. It is anticipated that the Non-Federal Aid system pavements will eventually begin to gain at a rate of about 1% per year, given the investment of ACT 98.

## **Interstate System Pavement Condition Trends**

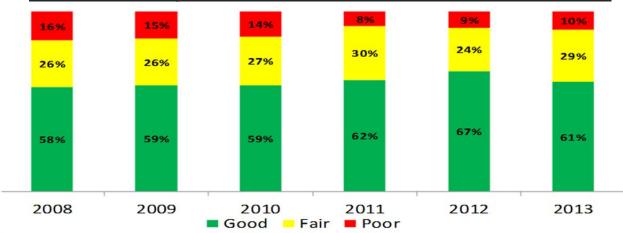
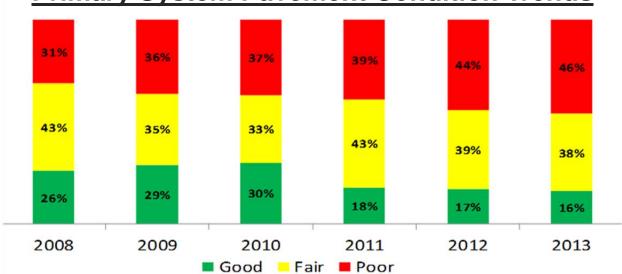


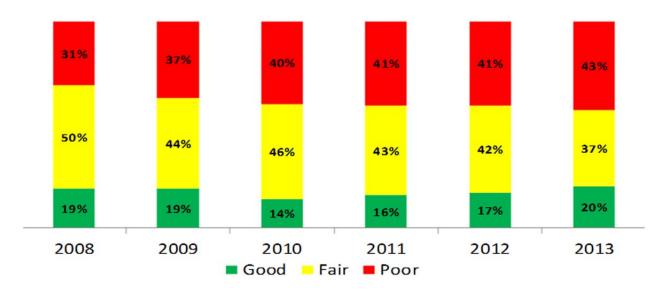
Chart 5.1-3d

## **Primary System Pavement Condition Trends**

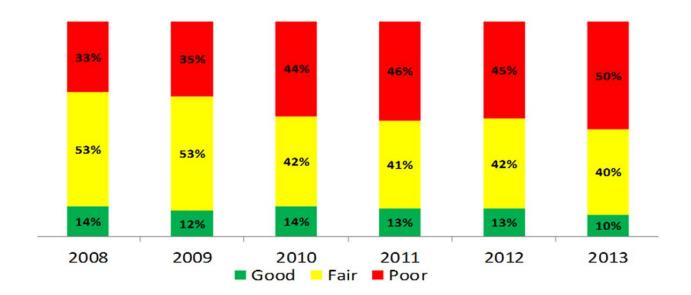


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### Federal Aid Eligible Secondary System Pavement Condition Trends



Non-Federal Aid Eligible Secondary System Pavement Condition Trends



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1d. Control over outcomes: The challenge is to balance currently available financial resources across all assets (bridges, pavements, widenings, operations, etc) while trying to achieve reasonable performance targets over time. The current restrictions on resources allocated to the Non-Federal Aid, preclude SCDOT from effectively managing all resources across all components of the state system. In particular, the federal aid eligible portion of the Secondary system and the Primary System compete for the few federal dollars that are allocated in accordance with ACT 114 and Commission approval for pavement preservation and rehabilitation.

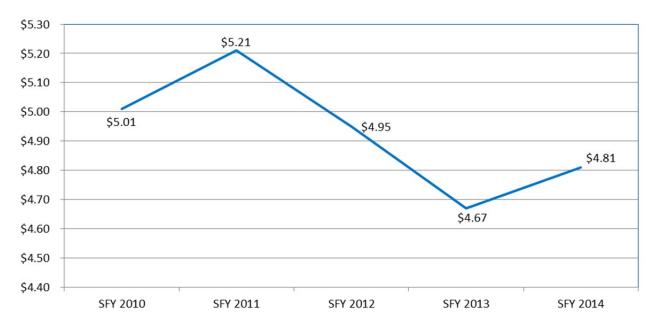
- i. Strategies for countermeasures are:
  - Keep the Good Pavements Good
  - Intercept Fair roads
  - Follow the traffic
  - Target Roads on the Freight Network
  - Deploy innovative preservation & rehab practices
  - Quickly deploy actual ACT 98 revenues annually

#### Mission Efficiency

1. What are the agency's actual performance levels for two to four of the agency's key performance measurements for mission efficiency (i.e., a process characteristic indicating the degree to which the process produces the required output at minimum resource cost (i.e., is the agency doing things right?)) including measures f cost containment, as appropriate?

Secretary Oakley and the Senior leadership team of SCDOT recently updated and launched a Strategic Management Plan, called Strategic Direction. This living document is structured to identify the most important goals of the agency, emphasis areas and priority actions to be accomplished as we perform our mission. Below are two items selected from the many measures that SCDOT tracks regarding our efficiency of the delivery of our annual program: Statewide Transit Cost Per Passenger Trip and Paid versus Bid for construction projects.

### Statewide Transit Cost per Passenger Trip



2a. Performance Benchmark: Cost per passenger trip is calculated by dividing the reported operating expenditures by the total number of reported passenger trips. A lower cost is indicative of enhanced efficiency.

Operating expenditures are defined as costs necessary to operate a transit system, and include labor, fuel, employee benefits, taxes, etc, and do not include capitalized maintenance expenses.

<u>Public Transit Ridership and Efficiency Countermeasures</u>: Over the past few years SCDOT has introduced innovative initiatives and modified existing programs that were aimed at lessening the impact of fiscal difficulties many transit providers were facing. SCDOT also worked with a number of public transit agencies in developing Financial Recovery and Sustainability Plans. In doing so, we were able to assist our state's public transit providers in becoming more fiscally sustainable, addressing budget shortfalls while new fiscal management processes were implemented, and maximizing the drawdown of available federal transit funding.

SCDOT also deployed a technical assistance and oversight program with all public transit agencies in the state to ensure that the scope and associated costs of transit services are commensurate with available and projected revenues. This has resulted in an ongoing "right-sizing" of transit services statewide to better ensure long-term fiscal sustainability, which benefits ridership through increased efficiencies.

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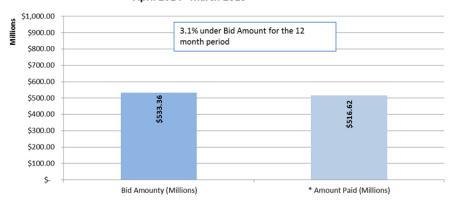
SCDOT is also leading an effort in partnership with DHHS, and through the SC Interagency Transportation Coordination Council, to develop an interagency Human Services Transportation Infrastructure Review. The purpose of the review is to identify and develop the most effective and cost-efficient transportation coordination model for South Carolina. The ultimate goal of this effort currently underway is to reduce overall public and human services transportation costs in a manner that maintains or enhances the delivery of transit services across agencies, while reducing the fiscal impact to the state as a whole.

- i. SCDOT routinely compares performance metrics to neighboring and regional states including North Carolina, Georgia, and Florida. SCDOT is also looking to other states known for best practices in performance management including, but not limited to, Utah, Oregon, Missouri, and Virginia.
- ii. Industry experts include Pete Rahn and John Njord. SCDOT also relies on guidance and expertise offered by AASHTO and the FHWA.
- 2b. Senior leaders include Deputy Secretary Mark Lester and Director Doug Frate. Efficiency numbers are reported annually. SCDOT is finalizing a Transit Information Management System that will allow us to monitor performance more frequently.
- 2c. The five-year trend analysis shows a 4% decrease in average operating cost per passenger trip since 2010.
- 2d. SCDOT is largely dependent on the success of our local transit providers.
  - iv. A list of South Carolina transit providers can be found at http://www.scdot.org/getting/publicTransit\_Providers.aspx

### **Management of Construction Costs (Actual vs Bid)**

#### 12 Month On-Budget Summary

Completed Projects
April 2014 - March 2015



\*Amount paid includes: Change Orders plus Line Item Adjustments (fuel, liquid binder, incentives, disincentives, etc.) minus Contract Extensions

As of 3/24/15

- Performance Benchmark: SECTION 57-1-30 of the SC Code of Laws identifies that the goal of the department is to provide adequate, safe, and efficient transportation services for the movement of people and goods. Efficient management of construction contracts, including change orders, are critical to SCDOT's success in delivery of its annual program. As indicated in the chart above, SCDOT has efficiently managed construction contracts such that actual paid is slightly under bid amount.
  - i. SCDOT routinely compares performance metrics to neighboring and regional states including North Carolina, Georgia, and Florida. SCDOT is also looking to other states known for best practices in performance management.
  - ii. SCDOT also relies on guidance and expertise offered by AASHTO, SASHTO states and the FHWA.
- 2b. SCDOT's Senior leadership team (Secretary and Deputies) reviews this data monthly in the PRAM meetings as well as the SCDOT Commission in its monthly meeting.
- 2c. The data is reviewed on a rolling 12 month basis. Based on the data reported within the PRAM, SCDOT has consistently delivered the construction projects less than original bid amount.
- 2d. SCDOT has a great deal of control over this particular measure as it has the ability to modify scope of work and effectively negotiate with road and bridge contractors.

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### Quality (Customer Satisfaction)

3. What are the agency's actual performance levels for two to four of the agency's key performance measurements for quality (i.e., degree to which a deliverable (product or service) meets customer requirements and expectations (a customer is defined as an actual or potential user of the agency's products or services)) for the agency as a whole and for each program listed in the agency's Major Program Areas Chart?

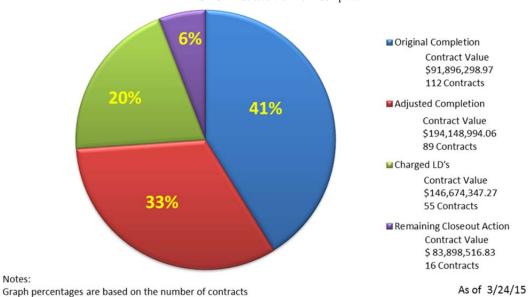
Secretary Oakley and the Senior leadership team of SCDOT recently updated and launched a Strategic Management Plan, called Strategic Direction. This living document is structured to identify the most important goals of the agency, emphasis areas and priority actions to be accomplished as we perform our mission. Below are two items selected from the many measures that SCDOT tracks regarding our customer satisfaction regarding the delivery of our annual program: Transit Services and On-time delivery of our construction projects.

- 3a. 88% of transit providers are either satisfied or very satisfied with the services provided by the Office of Transit as found by a recent customer survey conducted by the Office of Transit.
  - i. SCDOT routinely compares performance metrics to neighboring and regional states including North Carolina, Georgia, and Florida. SCDOT is also looking to other states known for best practices in performance management including, but not limited to, Utah, Oregon, Missouri, and Virginia.
  - ii. Industry experts include Pete Rahn and John Njord. SCDOT also relies on guidance and expertise offered by AASHTO and the FHWA.
- 3b. Senior leaders include Deputy Secretary Mark Lester and Director Doug Frate. This is the first survey of this type the Office of Transit has conducted. This survey will be conducted on an annual basis going forward to monitor progress.
- 3c. Trend data is not yet available.
- 3d. SCDOT does have reasonable control of this measure.

### On time Delivery of Construction Projects

### 12 Month Construction On-Time by Number of Contracts SWCK April 2014 to March 2015

SWCK = Substantial Work Complete



- 3a. As indicated in the above chart, 74% of the construction projects are delivered on schedule (original and adjusted). The public expects timely delivery of construction projects in order to minimize disruption of the motoring public. When delivery of the road or bridge to the public is delayed, the public expects that responsible parties are
  - i. SCDOT currently does not have a formal process for benchmarking this information to other states. This information was recently added to the monthly PRAM reportings, in order to enable Senior Leadership to have visibility to this important performance measure.
  - ii. SCDOT also relies on guidance and expertise offered by AASHTO, SASHTO states and the FHWA.

held accountable. Accordingly, 20% of our contracts were charged penalties due to

- 3b. SCDOT's Senior leadership team (Secretary and Deputies) now reviews this data monthly in the PRAM meetings as well as the SCDOT Commission in its monthly meeting.
- 3c. Trend data is not yet available.

missing anticipated completion dates.

3d. SCDOT exercises what control it has over this item through contract penalties.

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#### Workforce Engagement

- 4. What are the agency's actual performance levels for two to four of the agency's key performance measurements for workforce engagement, satisfaction, retention and development of the agency's workforce, including leaders, for the agency as a whole and for each program listed in the agency's Major Program Areas Chart?
  - 1. Retention (Trades Workers)
  - 2. Development of Agency's Workforce

### {V.A.4.1. Retention (Trades Specialists)}

- 4a. Performance Benchmark: SCDOT's overall turnover rate increased from 10% in 2008-2009 to 13% in 2013-2014. The turnover rate for our entry level trades position was 26% in 2013-2014. State Government turnover rate for 2013-2014 was 14%. Employees in trades job classifications represent approximately 45% of our full-time equivalent positions (fte's).
  - i. In response to the increasing turnover numbers, the Department completed a salary survey in the Summer of 2014 collecting relevant salary averages for trades positions from South Carolina State Government, the City of Columbia, counties, SC Metropolitan Statistical Areas, the private sector, and the American Association of State Highway and Transportation Officials (AASHTO).
  - ii. Not Applicable.
  - iii. SCDOT utilizes the annual AASHTO salary survey, which provides visibility into all 50 states salary ranges by job classification.
- 4b. SCDOT's Senior leadership team (Secretary and Deputies) now reviews this data monthly in the PRAM meetings as well as the SCDOT Commission in its monthly meeting.
- 4c. Retention of these employees was increasingly becoming more difficult. The Department hired trades' employees and trained them to obtain their Commercial Drivers' License (CDL). Once the CDL was received, the employee became more marketable for other entities and many left the Department for a higher salary.
  - Our salary minimums were lower than our counterparts.
  - Our average salaries were low in comparison to related positions.

In order to try to mitigate turnover issues, we worked with the State Division of Human Resources and received approval to increase the salary minimums for our trades positions and to award salary adjustments for employees classified in the trades series

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effective November 17, 2014. Total number of employees that were affected by the study: 2,047

#### Chart 5.4-1

### **Workforce Retention**



Between 2008 and 2014, SCDOT lost nearly 16% of its workforce. In 2014, through a comprehensive set of initiatives including streamlined hiring practices, increased recruiting, enhanced employee recognition programs, and targeted salary adjustments, we believe we have witnessed a turnaround in that six-year trend.

#### **Employee Recognition Programs**

The Department implemented award programs (July 1, 2014) within our existing budget.

- Extra Mile recognizes employees by awarding employees with SCDOT branded merchandise for improvements in work processes, exemplary work or outstanding customer service.
- Achievement Award cash award to employees in pay band seven and below (\$100, \$250 or \$500 depending on the accomplishment).
- State Service Pins (10, 20, 30, 40 and 50 years service)
- Pay for Performance Increases (policy effective 11/03/2014)

### {V.A.4.2. } Employee Development

- 4a. Performance Benchmark: A well trained workforce is critical to ensuring effective use of internal staff. The Department offers classroom training, e-learning courses, training with federal highways, and miscellaneous other venues.
  - 39,505 training completions in 2014
  - 493 training courses offered

The Department realizes the need to have a well trained workforce.

We have a total of 398 participants in the Teacher Employee Retirement Incentive (TERI) program with the largest number of employees scheduled to depart in 2017.

As the chart indicates, we have been on an upward retention trend which we believe is a result of our trades salary initiative, our employee recognition programs and development opportunities.

- i. SCDOT currently does not have a formal process for benchmarking this information to other states.
- ii. SCDOT also relies on guidance and expertise offered by AASHTO, SASHTO states and the FHWA.
- 4b. The bulk of the workforce within SCDOT is in the Engineering Division, which has established a Division Goal of training for its employees.
- 4c. Trend data is not yet available, as the Strategic Direction reporting has not begun.
- 4d. SCDOT does have control over this particular item.

#### Operational/Work System Performance

- 5. What are the agency's actual performance levels for two to four of the agency's key performance measurements for operational efficiency and work system performance (includes measures related to the following: innovation and improvement results; improvements to cycle or wait times; supplier and partner performance; and results related to emergency drills or exercises) for the agency as a whole and for each program listed in the agency's Major Program Areas Chart?
  - 1) Workplace Accidents/Injuries
  - 2) Disadvantaged Business Enterprise (DBE) Goal versus Commitment

#### Workplace Accidents/Injuries

5a. Performance Benchmark: Reduce the number of incidents; therefore, resulting in lower premiums being paid.

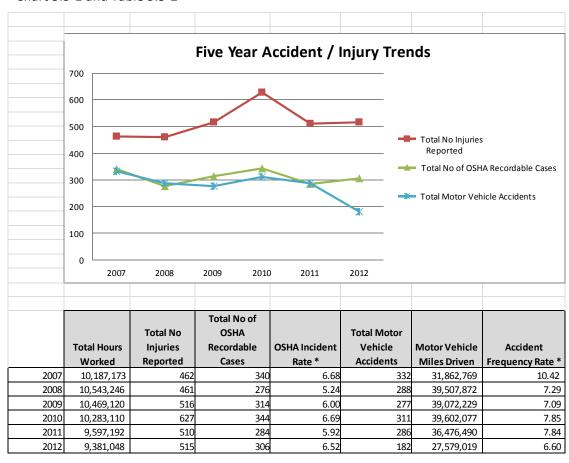
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Table 5.5-1

Fiscal Year	Premium Amount	Total # of Injuries*
2011	\$10,586,649	367
2012	\$8,969,782	355
2013	\$8,877,280	358
2014	\$7,820,811	279
2015		66
(1 <sup>st</sup> quarter)		

<sup>\*</sup>based on calendar year

Chart 5.5-1 and Table 5.5-2



- i. SCDOT currently does not have a formal process for benchmarking this information to other states.
- ii. SCDOT also relies on guidance and expertise offered by AASHTO, SASHTO states and the FHWA.

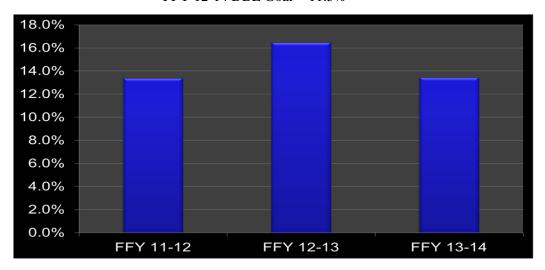
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- 5b. The bulk of the workforce within SCDOT is in the Engineering Division, which has established a Division Goal to reduce the accident/injury rate for its employees.
- 5c. Trend data is not yet available, as the Strategic Direction reporting has not begun.
- 5d. SCDOT does have some control over this particular item.

Chart 5.5-2

### **FHWA DBE Goal vs. Commitment**

FFY 12-14 DBE Goal = 11.5%



- 5a. Performance Benchmark: Achieve the annual DBE Goal as established by SCDOT.
  - i. SCDOT routinely compares performance metrics to neighboring and regional states including North Carolina, Georgia, and Florida.
  - SCDOT also relies on guidance and expertise offered by AASHTO, SASHTO states and the FHWA.
- 5b. SCDOT's Senior leadership team (Secretary and Deputies) reviews this data periodically in the PRAM meetings.
- 5c. SCDOT has consistently achieved its Annual DBE Program target levels and has increased the goal over the past few years.
- 5d. SCDOT does have some control over this particular item.

# RESTRUCTURING REPORT

### V. Key Performance Measurement Processes (cont.)

#### B. Most Critical Performance Measures

- 1. Of the key performance measurement processes listed in Subsection A., which are the three most critical to achieving the overall mission of the agency?
  - Safety
  - Pavement & Bridges
  - Workforce

### C. Databases/Document Management

 List all electronic databases/document management/business intelligence systems or programs utilized by the agency, including, but not limited to all relational database management systems.

SCDOT maintains over 110 electronic databases/programs and over 35 additional vendor systems. These are listed separately below in no particular order.

#### DATABASES/PROGRAMS

"Contact Us" Internet Portal (CSCTS - CU)

Account Request Internet Portal (CSCTS - AR)

Accounting

Accounts Receivable

Agency Budget Submission System (ABS<sup>2</sup>)

Allotment Ledger Posting

Applications Development Task Management System (ADTMS)

Asset Management and Tracking System

**Bridge Replacements** 

Budget

**Building Maintenance System (BMS)** 

Business Development & Special Projects Task Mgmt. System (DBETMS)

**Business Plan Management System** 

Capture All Promises (CAPS)

**Cash Disbursements** 

**Completed Projects** 

Compliance

**Connector Addresses** 

Construction/Maintenance Projects Browse

Contract Bid Estimator System V2 Reports (CBES V2 Reports)

Contract Bid Estimator System V3 (CBES V3)

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Contractor Performance Evaluation System (CPES)

**Current Billing** 

Customer Service Center Tracking System (CSCTS)

**DBA Knowledge Base** 

DBA Request System

**Debt Setoff Collection** 

Driver's License Record Request

Earthwork Balancing System (EWBS)

EDMS - Bridge Maintenance

**EDMS - Contract Resource Management** 

EDMS - Document Web Services (EDMS Generic)

**EDMS - Human Resources** 

EDMS - ITMS Document Retrieval Web Service

EDMS - Office of Planning

**EDMS - Outdoor Advertising** 

**EDMS - Property Management Office** 

EDMS - Right of Way

EDMS - Right of Way - Metadata Update Utilities

EDMS - Right of Way - Railroad Office

EDMS - Road Design

**EDMS - SCDOT Commission Documents** 

EDMS - Workflow Engine (EDMS Generic)

Electronic Forms 2010 (EF 2010)

**Emergency Operational Readiness Systems (EORS)** 

Employee Reports - HR and Payroll Automated Reporting

**Encroachment Permit Processing System (EPPS)** 

**Ending Projects Browse** 

**Engineering Publication Receipts 2.0** 

Entire Connection Account Management Assistant (EC AMA)

Fiscal Year Audit Workpapers

Fiscal Year CPA Audit Workpapers

**Fuel Card Payments** 

**Fuel Transaction Browse** 

Funds Reservation System

**Grant Management System** 

Highway Maintenance Management System (HMMS)

HMMS Equipment Management Module (HMMS-EMM/ESM/FCM)

HMMS Work Request Module - Mobile Device Version (HMMS-M)

HRSuite

Human Resources\Payroll

**Immunization System** 

Insurance Billing System

Maintenance Assessment Program 2.0 (MAP)

Maintenance Customer Survey

Maintenance Performance Guidelines

Maintenance Work Request Public Portal

Materials Lab Sample Label Generator

MOSS - IT Services Help Desk System

MOSS (Internet) - Property Management (Surplus Property Sales)

Net Expenditures

Obligation Management PR2 form

Online Reservation Services (ORS)

Org Plus

Organization Charting Interface

Outdoor Advertising Exchange (ODAx)

Outdoor Advertising Internet Forms (ODA Forms)

Parking Inventory System 2.0

Pavement Design Calculator

Pre-HMMS Encroachment Permit Viewer

**Procurement Card Payments** 

**Procurement Cards** 

Project File

**Project Labor Distribution Browse** 

R/W Grantor Index

Radio Shop Parts Inventory Management

Risk Management Information System (RMIS)

S.C. Transportation Infrastructure Bank (SCTIB) Accounting System

Safety System

**SCDOT Commissioners Extranet** 

Shop Foreman Discussion Board

Site Manager Maintenance and Support

Site Manager Reports 2.0

Site Manager Template Migration Application

South Carolina Automated Routing and Permit System (SCARPS)

**STARS** 

STARS - Mobile Equipment

STARS - Vehicle and Commuter Mileage

Student Tracking System

Survey Automated/Station Offset Alignment (SASOA)

Survey Editor 2.0

Toll Collections System (TCS)

Total Equipment Replacement Methodology System (TERMS)

User Feedback Management System 2.0 (UFMS)

**Utility Payments** 

Vehicle Reservation System (VRS)

Virtual Transit Enterprise (VTE Forms)

Virtual Warehouse

VT e-forms

WSS Extranet - Construction

WSS Extranet - Risk Management - CompEndium

WSS Extranet - Traffic Engineering

**XREF SCDOT Projects to SCEIS WBS** 

#### **VENDOR SYSTEMS**

Falcon

CTS

ATMS

IIMS

**SCDOTSigns** 

Orion

HAR

RIMS

HMMS Pontis

Virtis

Traffic Polling System

Pavement Management System

Geomedia

WebTransport

Online Reservation System

Call Tracking System

Site Manager

Password Reset Pro

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**PSTWeb** Nintex Forms and Workflow **Outdoor Advertising System** Muhimbi Document Convertor Cosign RoadSignApp ProjectWise ActiveProjectsHelper BridgeViewer Poll5WebAppPublic IHaul StreetFinder SCDOTP2SWebSrvr P2S P2S/ROW **ITMS** DARTS

#### D. Recommended Restructuring

eTeams

Consider the process taken to review the agency's divisions, programs and personnel to obtain the information contained in response to all the previous questions in the Restructuring Report ("Process").

- 1. Yes or No, based on the information obtained and analysis performed during the Process, does the agency have any recommendations for restructuring (either that it could do internally or that would need the assistance of revised or new legislation) that would merge or eliminate duplicative or unnecessary divisions, programs, or personnel within each department of the agency to provide a more efficient administration of government services? At this time, we are not prepared to recommend restructuring. SCDOT is acquiring an external expert to conduct a top to bottom review of the agency's management and administration.
  - a. If yes, please provide the agency's suggestions.

## SEVEN-YEAR PLAN

### VI. Seven-Year Plan

#### A. General

1. Yes or No, does the agency have a plan that provides initiatives and/or planned actions the agency will take during the next seven fiscal years that implement cost savings and increased efficiencies of services and responsibilities in order to continually improve its ability to respond to the needs of the state's citizens?

SCDOT is currently reviewing opportunities, including utilizing outside experts, to assess and recommend opportunities for increased privatization, outsourcing, integrated information systems, best procurement practices and organizational restructuring all of which may lead to cost savings and efficiencies. Below are a few of the items that are currently underway. We welcome the opportunity to discuss this further with the Committee and its staff.

### B. Current/Recommended Actions

- Describe all of the actions the agency is currently taking and plans it has for initiatives and actions during the next seven fiscal years to work to achieve greater efficiency in its operations in order to continually improve its ability to respond to the needs of the state's citizens? In this description, provide the names of all personnel who are responsible for overseeing the actions and plans.
  - a. {<u>Transportation Asset Management Plan (TAMP)</u> SCDOT is developing a performance and risk-based Transportation Asset Management Plan which supports the goals of the agency's Strategic Direction. (Deputy Mark Lester, PE and Kevin Gantt, PE)
  - b. {HVAC} Pursue Guaranteed Energy Savings contract (GESC) to upgrade HVAC System for Headquarters Building. (Director Andy Leaphart, PE and Suzette Johnson)
  - c. {Outdoor Advertising} SCDOT is responsible for the regulation of advertising along interstate and primary systems which includes billboard and vegetation management. Staff currently manages the system through the utilization of an automated permitting system. SCDOT IT staff is internally upgrading the permitting system to automate processes for permit management, customer information management, customer billing, and customer information submission. (Director Andy Leaphart, PE and Keith Melvin)
  - d. {Oversize/Overweight (OSOW) Permits} SCDOT is responsible for issuing permits to operate or move vehicles/loads exceeding legal size, weight, and/or load restrictions. The Department is updating its sole-proprietary automated

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- oversize/overweight routing and permitting system to assist in efficiencies. (Director Andy Leaphart, PE, Michele Paoleschi, and Mechelle Mabry)
- e. {Transit Asset Management System (TAMS)} SCDOT will utilize the Transit Asset Management System recently developed by the Office of Public Transit (OPT) to optimize replacement of public transit vehicles. OPT currently has a Statewide Vehicle Utilization Review and Capital Needs Assessment underway to determine transit agencies' actual asset needs based on optimized service levels. Vehicles that have satisfied useful life requirements will be identified by transit agency, with additional validation that such replacement vehicles are still needed to support ongoing services. OPT will identify areas where transit vehicles are being underutilized for no-cost transfer to other areas in the state with documented need. Once all available vehicles have been transferred, OPT will then initiate a capital asset replacement plan that utilizes available toll revenue credits as soft match to available federal funding specifically dedicated for the acquisition of new public transit vehicles. (Deputy Mark Lester, PE and Doug Frate)
- 2. What are the anticipated cost savings and/or efficiencies that would be achieved by each action?
  - a. {TAMP} The effort will increase efficiency by implementing a performance and risk-based asset management plan that promotes the efficient use of resources and strategic management of the Department's assets. Performance targets will be set and closely monitored to provide management with current and future system conditions. The results of this analysis will be used to quantify system needs. Risk-based asset management maximizes the useful life of physical assets by optimizing the Department's investment across all assets. It involves preservation and preventive maintenance, well planned rehabilitation, and cost effective replacement at the appropriate stages of an asset's life. No cost savings are anticipated as a result of implementing a Transportation Asset Management Plan.
  - b. {HVAC} Costs for new system are paid from savings realized in reduced energy bills. This contracting method requires no initial capital investment.
  - c. {<u>Outdoor Advertising</u>} The system update will reduce the cost and manpower associated with mailing both applications and permits, as well as, manual billings completed annually. It will also increase the efficiency of outdoor advertising staff by providing real-time data to the approving authority, which will reduce turnaround time for permit approval.
  - d. {OSOW Permits} The new system will automate many routine functions that currently must be performed manually by staff. It will allow external users to set up accounts, request permits, request routes, and submit payment.
  - e. {<u>TAMS</u>} As of July 1, 2014, the cost to replace SCDOT-titled public transit vehicles past their useful life was estimated at \$15 million. The estimated cost to replace all SCDOT-titled public transit vehicles as of July 1, 2014 was \$47 million. South Carolina currently receives approximately \$3.7 million in annual Federal funding

specifically designated for vehicle acquisition, with no state funding dedicated for the same purpose or required match. SCDOT estimates that over 90% of the current SCDOT-titled public transit vehicles can be replaced at no cost to the state.

- 3. Is legislative action required to allow the department/agency to implement the current or recommended actions?
  - a. {TAMP} No action is required.
  - b. {HVAC} Yes, approval of the GESC by the Joint Bond Review Committee and the Budget and Control Board will be required to enter into a Guaranteed Energy Savings Contract.
  - c. {Outdoor Advertising} No action is required.
  - d. {OSOW Permits} No action is required.
  - e. {TAMS} No action is required.
- 4. If legislative action is required, please explain the constitutional, statutory or regulatory changes needed.
  - a. {TAMP} No changes required.
  - b. {HVAC} No changes required.
  - c. {Outdoor Advertising} No changes required.
  - d. {OSOW Permits} No changes required.
  - e. {TAMS} No changes required.
- 5. Describe the agency actions that will be implemented to generate the desired outcomes for each recommendation.
  - a. {<u>TAMP</u>} SCDOT established an Asset Management Division within the Office of Planning and hired an Asset Management Engineer. A Steering Committee has been established to oversee the development of the Transportation Asset Management Plan and the Department has executed a contract with a consultant to assist in this effort.
  - b. {HVAC} SCDOT to enter into a Guaranteed Energy Savings Contract with an Energy Service Company to implement energy conservation measures.
  - c. {Outdoor Advertising} SCDOT IT Services, working in conjunction with outdoor advertising staff, will develop an automated solution to combine all current permitting processes into a single, modern system. The redevelopment will address automated processes for permit management, customer information management, customer billing, and customer information submission.
  - d. {OSOW Permits} No action, other than to test and deploy the system.
  - e. {TAMS} Agency leadership and the SCDOT Commission recently approved the vehicle replacement plan. Further action will consist of ongoing reporting and monitoring to ensure successful implementation.

- 6. What is the timeline for implementation of the change and realization of the anticipated benefits for each recommended action/change?
  - a. {TAMP} The Transportation Asset Management Plan is scheduled to be complete in January of 2016. As the Agency moves forward, additional physical assets will be added to the plan to manage the lifecycle of the agency's assets proactively. The benefits of the recommendation will be realized incrementally over the first few years of the plan's implementation. Subsequently, increased benefits will be realized as the Department is able to shift more resources to programming methods to promote preservation, preventive maintenance and rehabilitation in lieu of reconstruction and replacement of assets before reaching their maximum life cycle.
  - b. {HVAC} Begin the process in early 2017 with construction completed during calendar year 2017.
  - c. {Outdoor Advertising} SCDOT anticipates the system to be ready in July 2015. Activities for the next billing cycle will begin in October 2015, so benefits will be seen immediately.
  - d. {OSOW Permits} SCDOT anticipates "going live" in early 2015; benefits would be realized within one year.
  - e. {TAMS} Over 7 years, it is estimated that we can replace over 90% of the current SCDOT-titled public transit vehicles at no cost to the state. Anticipated benefits will be realized and accumulate throughout this timeframe.

# SEVEN-YEAR PLAN

## VI. Seven-Year Plan (cont.)

#### C. Additional Questions

- 1. What top three strategic objectives of the agency will have the biggest impact on the agency's effectiveness in accomplishing its mission?
  - a. {SAFETY} Reduce the number of fatalities and serious injuries on the state highway system.
  - b. {<u>SYSTEM</u>} Decrease the number of roads and bridges moving from "good to fair" and "fair to poor."
  - c. {CONGESTION} Reduce congestion on our highway system.
- 2. What are the fundamentals required to accomplish the objectives?
  - a. {SAFETY} Measure the number of fatalities, serious injuries, pedestrian accidents, and bicycle accidents (to date and annual).
  - b. {<u>SYSTEM</u>} Measure the percentage of road miles in good condition, percentage of bridges in satisfactory condition, the deck area of structurally deficient bridges, and percentage of vehicle miles travelled on good pavement.
  - c. {CONGESTION} Measure the annual hours of delay on interstates and Strategic Network, and calculate the interstate reliability index.
- 3. What links on the agency website, if any, would the agency like listed in the report so the public can find more information about the agency?

  Website: www.scdot.org
- 4. Is there any additional information the agency would like to provide the Committee or public? None at this time.
- 5. Consider the process taken to review the agency's divisions, programs and personnel to obtain the information contained in response to all the previous questions in the Restructuring Report and Seven-Year Plan ("Process"). State the total amount of time taken to do the following:
  - a. Complete the Process: 50 hours for 2 people (100 hours)
  - b. Complete this Report: 35 hours for 2 people (70 hours)
- Please reference the Personnel Involved Chart in the Excel document of all personnel at SCDOT who were consulted or performed work to obtain the information utilized when answering the questions for this report.

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Does the agency already provide the information requested on this page, or similar information, in a report required by another entity? If yes, add the appropriate information to the Similar Information Requested Chart. If the agency looks in the Excel document attached, there is a template for the agency to complete for any questions which ask for the same information under the tab labeled, "Similar Info Requested."

# **CHARTS APPENDIX**

### VII. Excel Charts

Please send an electronic copy of the entire Excel Workbook and print hard copies of each of the Charts to attach here. Please print the charts in a format so that all the columns fit on one page. Please insert the page number each chart begins on below.

Similar Information Requested Chart	Page 1
Historical Perspective Chart	Page 2
Purpose, Mission Chart	Page 3
Key Deliverables Chart	Page 4
Key Customers Chart	Page 5
Key Stakeholders Chart	Page 6
Key Partner Agency Chart	Page 7
Overseeing Body Chart (General)	Page 8
Overseeing Body Chart (Individual Member)	Page 9
Major Program Areas Chart	Page 10
Legal Standards Chart	Page 11
Agency Reporting Requirements Chart	Page 12
Internal Audits Chart	Page 13
Personnel Involved Chart	Page 14

### **Similar Information Requested Chart**

Agency Name: South Carolina Department of Transportation

Agency Code: U12 Agency Section: 084

INSTRUCTIONS: Please provide details about other reports which investigate the information requested in the Restructuring Report. This information is sought in an effort to avoid duplication in the future. In the columns below, please list the question number in this report, name of the other report in which the same or similar information is requested, section of the other report in which the information is requested, name of the entity that requests the other report and frequency the other report is required. NOTE: Responses are not limited to the number of rows below that have borders around them, please list all that are applicable.

Agency Submitting	Restructuring Report Question	Name of Other	Section of Other	Entity Requesting	Freq. Other Report is
Report	#	Report	Report	Report	Required
Department of		Annual Accountability		Budget & Control Board	
Transportation	II. (Major Program Areas Chart)	Report	"Program Template"	(Executive Budget Office)	Annually
				Governor, General	
		Senate Restructuring		Assembly and Senate	
Department of	VI (B)(1) (Current/	and Cost Savings	Cost Savings and	Legislative Oversight	
Transportation	Recommended Actions)	Report	Increased Efficiencies	Committee	Annually (or as needed)

Agency Code: U12 Agency Section: 084

**INSTRUCTIONS**: Please provide information about any restructuring or major changes in the agency's purpose or mission **during the last ten years**. NOTE: Responses are not limited to the number of rows below that have borders around them, please list all that are applicable.

Agency Submitting Report	Year	Description of Restructuring that Occurred	Description of Major Change in Agency's Purpose or Mission
Department of	2007	Establishment of the Regional Program Groups (RPGs) in order to improve delivery of programs	MISSIOII
Fransportation	2001	and projects.	
Department of	2009	Realignment of four engineering districts by shifting two counties (Aiken from District 1 to District	
Fransportation	2003	7 and Anderson from District 3 to District 2). Completed to distribute district workloads more	
ransportation		levenly and enhance the service these two counties receive.	
Department of	2010	Office of Public Transit and the Office of Railroads were established within the Division of	
	2010		
ransportation	2011	Intermodal and Freight Programs.  Moved functions of Office of Administration to the newly created Department of Support	
Department of	2011		
ransportation		Services. Support Services gained: Customer relations, Communications, Information	
		Technology. Facilities Management. Business Development and Special Programs.	
Department of	2011		
Fransportation			
Department of	2011		
ransportation			
Department of	2012	Restructured HR to add the Director of Human Capital Investment reporting to the Director of	
•	2012		
ransportation	0040	HR.	
Department of	2013	Planning Office realigned under the Division of Intermodal and Freight Programs; Environmental	
Fransportation		Management Office realigned from Planning to report to Chief Engineer for Planning, Location	
		and Design (PLD); The Right of Way Office realigned from Preconstruction to report to Chief	
		Engineer for PLD; Preconstruction Resource Management Office dissolved; Local Program	
		Administration reports to the Chief Engineer PLD, Obligation Management, Program Controls	
		and Program Applications consolidated under Program Controls Division and reports to Chief	
		Engineer PLD; Chief Engineer for Field Operations position created and reports to Deputy	
		Secretary for Engineering; all District Engineers realigned to report to Chief Engineer for Field	
		Operations as well as Director, emergency Operations; Office of Occupational Health and Safety	
		realigned to report to Director Support Services. Establishment of Director Strategic	
		Management Planning (SMPC) position created and reports to Chief of Staff and realigned of the	
		Director, Communications reporting to Dir., SMPC; Office of Occupational Health and Safety	
		realigned to report to Director, Support Services.	
epartment of	2013	Asset Management Division established to meet the requirements of Moving Ahead for Progress	
ransportation		21 (MAP 21).	
Department of	2013	Intermodal Planning is established by consolidating highway planning with freight and transit.	
ransportation	-5.5	The state of the s	
Department of	2014		
ransportation	2014		
Department of	2014	Realigned Business Development and Special Programs from Support Services to report to the	
	2014		
ransportation	2014	Secretary.	
epartment of	2014	Design Build Unit established in Preconstruction.	
ransportation			

Agency Code: U12 Agency Section: 084

INSTRUCTIONS: Provide information about the date the agency, in its current form, was initially created and the present purpose, mission and vision of the agency, with the date each were established in parenthesis. The Legal Standards Cross Reference column should link the purpose, mission and vision to the statutes, regulations and provisos listed in the Legal Standards Chart, which they satisfy.

Agency Submitting	Date Agency	Purpose	Mission	Vision	Legal Standards Cross
Report	created				References
Department of	1917	"SCDOT shall have as its	"The goal of the Department	The vision of the SCDOT is to deliver,	Purpose: SC Code Section 57-1-
Transportation		functions and purposes the	is to provide adequate, safe,	operate and maintain a world-class,	30 (A)
		systematic planning, construction,	and efficient transportation	21st century, multimodal	Mission: SC Code Section 57-1-
		maintenance, and operation of the	services for the movement	transportation system that enables the	30 (B)
		state highway system and the	of people and goods."	Palmetto State to continue to grow our	Vision: N/A
		development of a statewide	(1993)	economy, enhance our communities,	
		intermodal and freight system that		and improve our environment. (2014)	
		is consistent with the needs and			
		desires of the public." (2010)			
		. , ,			

Agency Code: U12 Agency Section: 084

INSTRUCTIONS: Provide information about the agency's key deliverables (i.e. products or services); primary methods by which these are delivered; and, as applicable, actions that may reduce the general public and/or other agencies initial or repetitive need for the deliverable. List each deliverable on a separate line. If there are multiple ways in which the deliverable is provided, list the deliverable multiple times with each delivery method on a separate line. In the "Three Greatest" column, indicate and rank the three most significant deliverables the agency brings to the people of South Carolina with #1 being the most significant. For the deliverables which are not one of three most significant, do not put anything in this column. The Major Program Areas Chart, within which that product or service is provided. NOTE: Responses are not limited to the number of rows below that have borders around them, please list all that are applicable.

Agency Submitting								Major Program
Report	#	or service)	Significant		and/or other agencies initial need for this	and/or other agencies need to return for this	most significant, what would allow the agency to	Areas Cross
			(#1, #2, #3)		deliverable? (i.e. preventive measures before the	deliverable? (i.e. preventive measures to ensure	focus on it more?	Reference
					citizen or agency needs to come to the agency)	they do not need to come back to the agency for		
						this service or product after already receiving it		
						once)		
								Administration,
								Engineering,
L .								Non-federal Aid
Department of		Highway and Bridge			Develop and implement a Stakeholder & Public			Fund, and
Transportation	1	Maintenance	#1	outsourcing	Engagement Plan	Deliver on-time and within budget	Resource it for Success	Transit.
								Administration,
								Engineering,
								Non-federal Aid
Department of		Highway and Bridge			Develop and implement a Stakeholder & Public			Fund, and
Transportation	2	Construction			Engagement Plan	Deliver on-time and within budget	Resource it for Success	Transit.
				Planning, administration of		Provide effective support to our local transit		Administration,
Department of		1			Use of Transit Asset Management System to optimize	providers as well as additional financial support if		Engineering,
Transportation	3	Transit Program Services	#3	transit providers	the replacement and utilization of transit vehicles	resourced.	Resource it for Success	and Transit.

Agency Code: U12 Agency Section: 084

INSTRUCTIONS: Provide information about the key customer segments identified by the agency and each segment's key requirements/expectations. A customer is defined as an actual or potential user of the agency's deliverables. Please be as specific as possible in describing the separate customer segments (i.e. do not simply put "public.") The Deliverables Cross References column should link customer groups to the deliverable listed in the Key Deliverables Chart, which they utilize. NOTE: Responses are not limited to the number of rows below that have borders around them, please list all that are applicable.

Agency Submitting	Item #	Customer Segments	Requirements/Expectations	Deliverables Cross
Report				References
		Citizens of South Carolina and the	Expect safe and reliable transportation	
Department of		motoring public who use the state's		
Transportation	1	highways and bridges		Highways, Bridges
Department of		Citizens who use public transportation	Expect safe and reliable transportation	
Transportation	2	·	·	Intermodal and Freight
		Businesses and commercial utilities	Rely on the state transportation system to deliver	
Department of			goods and services in-state and across the region	Highways, Bridges and
Transportation	3			Intermodal and Freight

Agency Code: U12 Agency Section: 084

INSTRUCTIONS: Provide information about the agency's key stakeholder groups and their key requirements and expectations. A stakeholder is defined as a person, group or organization that has interest or concern in an agency. Stakeholders can affect or be affected by the agency's actions, objectives and policies. Please be as specific as possible in describing the separate stakeholder groups (i.e. please do not simply put "the public.") The Deliverables Cross References column should link stakeholder groups to the deliverable, listed in the Key Deliverables Chart, for which they group has the most interest or concern. NOTE: Responses are not limited to the number of rows below that have borders around them, please list all that are applicable.

Agency Submitting Report	Item #	Stakeholder Group	Requirements/Expectations	Deliverables Cross
				References
			Expect prompt and courteous attention to	Highways, Bridges and
Department of Transportation	1	SC Citizens	needs and concerns	Intermodal & Freight
Department of Transportation	2	General Motoring Public	Expect safe and reliable transportation	Highways and Bridges
			Deliver, operate and maintain a world-class	Highways, Bridges and
			21st century multimodal transportation system	Intermodal & Freight
			that enables the State to continue to grow and	-
Department of Transportation	3	Governor	support its citizens.	
			Provide the best multimodal transportation	Highways, Bridges and
Department of Transportation	4	General Assembly	system for the citizens of South Carolina.	Intermodal & Freight
			Be responsible stewards in meeting the	Highways, Bridges and
			requirements of delivering transportation	Intermodal & Freight
			needs to the motoring public of South	-
Department of Transportation	5	Business Community	Carolina.	
			Be inclusive partners as SCDOT builds for the	Highways and Bridges
Department of Transportation	6	Local Governments	future.	

Agency Code: U12 Agency Section: 084

INSTRUCTIONS: List the names of the other state agencies which have the biggest impact on the agency's mission success (list a minimum of three); partnership arrangements established and performance measures routinely reviewed with the other entity. The Major Program Areas Cross References Column should link the Partner Agency to the major program area, in the Major Program Areas Chart, on which it has the biggest impact. NOTE: Responses are not limited to the number of rows below that have borders around them, please list all that are applicable and a minimum of three.

Agency Submitting Report	Agency w/ Impact on Mission	Partnership	Performance Measures Routinely Reviewed	Major Program
	Success	Arrangement	Together	Areas Cross
		Established		Reference
Department of Transportation	Department of Motor Vehicles	1993	Safety	Engineering
Department of Transportation	Department of Health & Environmental Control		Environmental impact of any new construction, maintenance projects	Engineering
Department of Transportation	Department of Commerce	2012	Economic impact of highways and bridges to key outlets of commerce	Engineering and Mass Transit
Department of Transportation	South Carolina Ports Authority	2012	Economic impact of infrastructure to key outlets of commerce	Engineering
Department of Transportation	Department of Corrections		Feasibility of using inmates for litter control	Administration and Engineering
Department of Transportation	Department of Public Safety	1993	Safety: vehicle crashes, fatalities: pedestrian, bicycles, motor	Engineering and Mass Transit
Department of Transportation	Emergency Management Division	1977	Effectiveness in responding to and recovery for hurricanes, earthquakes, tornadoes, chemical spills, wild fires, dam failures, and winter weather advisories.	Engineering and Mass Transit
Department of Transportation	Transportation Organizations: AASHTO, ACEC, ASSE, ACOE, Carolina's AGC, FHWA, FMCSA, FRA, FTA, I-73 Coalition, I-95 Coalition, ITE, National Safety Council, NAATSHO, NCHRP, NESA, NHTSA, NSB, Outdoor Advertising Association, OSHA, 12 Public Transit Providers, 7 RTAs, SASHTO, SCAPA, SSBP, SC- FOR, SCCPA, SCMCD, SCTA, SCTIB, SPRC, TRB, USDOT, regional Economic Development Elected	AASHTO 1918, Varies	Smart solutions, training, direct technical assistance, unchallenged expertise, research, safety, mobility, livability, innovation, legislation, marketing, and media assets.	Administration, Engineering and Mass Transit

## **Key Partner Agency Chart**

Agency Code: U12
Agency Section: 084

Agency Section: 084	_		_	
Department of Transportation	Conservation and Environmental Organizations: Andrew Jackson Chapter of CFNSB, CCL, CFNSB, Drayton Hall Plantation, Edisto Island Land Trust, Greenville County Recreation District, Nature Conservatory, National Heritage Corridor, South Carolina Scenic Highway Committee, Town of Bluffton	Varies	Environmental impact of any new construction or maintenance project	Administration, Engineering and Mass Transit
Department of Transportation	General Partners: Motoring Public, Transit Riders	Since the formation of the agency in 1917	Tolls, vehicle usage fees, safety, and stewardship of funds.	Engineering and Mass Transit
Department of Transportation	Professional Associations and Universities: Clemson, USC, SCSU, CPM, GFOA	Since the formation of the agency in 1917	Research and focus group studies	Administration, Engineering and Mass Transit
Department of Transportation	Other State, County and Municipal Groups: State and local Chambers of Commerce, Congressional Delegation, 10 COGs, 11 MPOs, 46 Counties, CTCs, General Assembly, Governor, Municipalities, Various law enforcement entities			Administration, Engineering and Mass Transit
Department of Transportation	Corporate Partners	Varies	Safety	Engineering and Mass Transit

Agency Code: U12 Agency Section: 084

INSTRUCTIONS: Provide information about the body that oversees the agency and to whom the agency head reports including what the overseeing body is (i.e. board, commission, etc.); total number of individuals on the body; whether the individuals are elected or appointed; who elects or appoints the individuals; the length of term for each individual; whether there are any limitations on the total number of terms an individual can serve; whether there are any limitations on the number of consecutive terms an individual can serve; and any other requirements or nuances about the body which the agency believes is relevant to understanding how the agency performs and its results.

<b>Agency Submitting Report</b>	Type of Body (i.e. Board,	# of Times per	Total # of	Are Individuals Elected	Who Elects or	Length of	Limitations on	Limitations on	Challenges imposed or that Agency	Other Pertinent Information
	Commission, etc.)	Year Body	Individuals on	or Appointed?	Appoints?	Term	Total Number	Consecutive	staff and the Body have faced based	
		Meets	the Body				of Terms	Number of	on the structure of the overseeing	
								Terms	body	
Department of Transportation	Governor	0	1	Elected	SC Voters	4 years	2	None		Title 57, Article 5
					General				Commission reports to General	
Department of Transportation	SCDOT Commission	11	8	Appointed	Assembly	4	1	0	Assembly	Title 57, Article 3

**Overseeing Body Chart (General)** 

Agency Code: U12 Agency Section: 084

INSTRUCTIONS: Provide information about the individual members on the body that oversees the agency including their name, contact information, length of time on the body, profession and whether they are a Senator or House Member. The Major Program Areas Cross References Column should link the individual to the major program area, in the Major Program Areas Chart, in which the individual has a particular influence, if any, by way of serving on a subcommittee within the body, task force, etc. NOTE: Responses are not limited to the number of rows below that have borders around them, please list all that are applicable.

Agency Submitting Report	Name of Individual on Body		Profession	Date First Started Serving on the Body	Last Date Served on the Body	Length of Time on the Body (in years)	Senator or House Member? (put Senate or House)	Major Program Areas Cross Reference
Department of Transportation	Nikki R. Haley	Columbia, SC	Governor	1/12/2011		5 years	N	
Department of Transportation	Jim Rozier	1610 Dennis Blvd./ Monck Corner, SC 29461	President and CEO of The Rozier Group, LLC	2/26/2012	2/26/2016	3 years	N	Administration, Engineering, Non- federal Aid Fund, and Transit.
Department of Transportation	Mike Wooten	Murrell's Inlet, SC 29576	President of DDC Engineers	1/15/2013	2/15/2017	2 years	N	Administration, Engineering, Non- federal Aid Fund, and Transit.
Department of Transportation	John Hardee	296 Tombee Lane, Columbia, SC 29209	Director of Public Affairs for Lamar Outdoor Advertising	1/22/2014	2/15/2018	1 year	N	Administration, Engineering, Non- federal Aid Fund, and Transit.
Department of Transportation	Woody Willard, Jr.	1027 Four Mile Branch Road, Spartanburg, SC 29302	Owner and Operator of Willard Incorporated	1/21/2014	2/15/2018	1 year	N	Administration, Engineering, Non- federal Aid Fund, and Transit.
Department of Transportation	W. B. Cook	POB 65, Gaffney, SC 29342	Retired utility contractor	7/7/2012	2/15/2016	3 years	N	Administration, Engineering, Non- federal Aid Fund, and Transit.
Department of Transportation	Sam Glover	149 Belton Drive, Orangeburg, SC 29118	Retired Director of SC Department of Probation, Parole & Pardon	1/23/2014	2/15/2018	1 year	N	Administration, Engineering, Non- federal Aid Fund, and Transit.
Department of Transportation	Clifton Parker	126 Access Road, Gaston, SC 29053	President and General Manager of G & P Trucking Company, Inc.	4/27/2011	Appointed by Governor	4 years	N	Administration, Engineering, Non- federal Aid Fund, and Transit.
Department of Transportation	Ben Davis, Jr.	706 Spray Shed Road Greenwood, SC 29649	Retired President and CEO of Connie Maxwell Children's Home	2/12/2015	2/15/2016	0 years	N	Administration, Engineering, Non- federal Aid Fund, and Transit.

**Major Program Areas Chart** 

Agency Code: U12 Agency Section: 084

INSTRUCTIONS: Provide information about the agency's Major Program Areas as those are defined in the Appropriations Act. When completing columns B - K, the agency can copy and paste the information the agency submitted in the Program Template of the FY 2013-14 Accountability Report, just make sure of the following:

- a) List only the programs that comprise at least 80% of the total budget and include the % of total budget and include the % of total budget. The remainder of Programs, with those program expenditures detailed in the box labeled "Remainder of Expenditures." If the agency has trouble understanding what is requested, refer to the 2012-13 Accountability Report, Section II, number 11.
- b) The "Associated Objective(s)" column in the Program Template of the FY 2-13-14 Accountability report has been changed to "Key Performance Measures Cross References." The Key Performance Measures Cross References column should link major programs to charts/graphs in the Key Performance Measurement Processes Section (ex. Chart 5.2-1 or Graph 5.2-2). If the agency has trouble understanding what is requested, refer to the 2012-13 Accountability Report, Section II, number 11; and
- c) An additional column, titled "Legal Standards Cross References," has been added at the end. The Legal Standards Cross Reference column should link major programs to the statutes, regulations and provisos listed in the Laws Section of this report, which they satisfy.

Included below is an example, with a partial list of past Major Program Areas from the Department of Transportation. The example does not include information in the columns under expenditures, key performance measures cross reference, legal standards cross references or remainder of expenditures, however the agency must complete these columns when submitting this chart in final form. Please delete the example information before submitting this chart in final form. NOTE: Responses are not limited to the number of rows below that have borders around them, please list all that are applicable.

#### Note:

-Key Performance Measures Cross References Column links major programs to the charts/graphs in the Key Performance Measurement Processes Section of the Restructuring Report.

-Legal Standards Cross References Column links major programs to the statutes, regulations and provisos they satisfy which are listed in the Laws Section of the Restructuring Report.

				FY 2012-13 I	Expenditures		FY 2013-14 Expenditures					
Agency Submitting Report	Program/Title	Purpose	General	Other	Federal	TOTAL	General	Other	Federal	TOTAL	Key Performance Measures Cross Reference	Legal Standards Cross References
Department of Transportation	I.A. General Administration	Agency-wide executive management and support service function.	\$0	\$32,143,916 % of Total Budget: 3%	\$0	\$32,143,916 % of Total Budget: 3%	\$0	\$36,395,252 % of Total Budget: 3%	\$0	\$36,395,252 % of Total Budget: 3%	Climate Survey; Leadership Courses; PRAM; ITS; Transit	1, 3-10, 12-26, and 28
Department of Transportation	II.A. Engineering Administration & Project Management	Program funds the core management to support the statewide delivery of the highway program.	\$0	\$80,753,450 % of Total Budget: 7%	\$0	\$80,753,450 % of Total Budget: 7%	\$0	\$79,927,890 % of Total Budget: 6%	\$0	\$79,927,890 % of Total Budget: 6%	Multimodal Transportation Plan Asset Management; PRAM; RPGs; ITS; Design-Build; EMD	1, 2, 29-30, and 32
Department of Transportation	II.B. Engineering & Construction	Program funds the construction of roads and bridges statewide.	\$ 596,322 % of Total Budget: less than 0.05%	\$672,223,225 % of Total Budget: 62%	\$0	\$672,819,547 % of Total Budget: 62%	\$50,000,000 % of Total Budget:4%	\$708,723,936 % of Total Budget: 51%	\$0	\$758,723,936 % of Total Budget:55%	Multimodal Transportation Plan Asset Management; PRAM; RPGs; ITS; Design-Build	1, 2, 11, 27, 29-30, ; and 32
Department of Transportation	II.C. Highway Maintenance	Program funds the maintenance of statewide roads, bridges, buildings, and rest areas.	\$0	\$185,249,048 % of Total Budget:17%	\$0	\$185,249,048 % of Total Budget:17%	\$0	\$244,472,377 % of Total Budget:19%	\$0	\$244,472,377 % of Total Budget:19%	Asset Management; PRAM; ITS, DB	1, 2, 29-30, and 32
Department of Transportation	IV. Non Federal Aid Fund	Operating expenses for maintenance on non federal aid secondary roads.	\$0	\$18,373,497 % of Total Budget: 2%	\$0	\$18,373,497 % of Total Budget: 2%	\$0	\$104,233,649 % of Total Budget:8%	\$0	\$104,233,649 % of Total Budget: 8%	Asset Management; PRAM; Design- Build	1, 2, and 16
Department of Transportation	V. Mass Transit	Allocations and aid for transit services, equipment, and operating expenses.	\$ 57,270 % of Total Budget: less than 0.01%	\$20,845,960 % of Total Budget: 2%	\$0	\$20,903,230 % of Total Budget: 2%	\$ 57,270 % of Total Budget: less than 0.01%	\$24,462,932 % of Total Budget: 2%	\$0	\$24,520,202 % of Total Budget: 2%	Multimodal Transportation Plan Asset Management; PRAM; Transit	
Department of Transportation	VI. Employee Benefits	State employer contributions and total fringe benefits.	\$0	\$69,700,786 % of Total Budget: 6%	\$0	\$69,700,786 % of Total Budget: 6%	\$0	\$71,162,556 % of Total Budget: 6%	\$0	\$71,162,556 % of Total Budget: 6%	None	1 and 4

Remainder of Programs: List any programs not included above and show the remainder of expenditures by source of funds.											
	2012-2013	% of Total	<u>2013-2014</u>	% of Total							
		<u>Budget</u>		Budget							

Agency Name: South Carolina Department of Transportation Agency Code: U12 Agency Section: 084

Major Program Areas Chart

Land and Buildings	\$2,277,655	less than 0.02%	\$4,942,132	less than 0.04%	
Toll Operations	\$3,344,039	less than 0.03%	\$6,873,840	less than 0.06%	
Non-Recurring Appropriations	\$0	0%	\$10,247,451	less than 0.08%	

Remainder of Expenditures:								
	% of Total Budget							

Agency Code: U12 Agency Section: 084

INSTRUCTIONS: List all state and federal statutes, regulations and provisos that apply to the agency ("Laws") and a summary of the statutory requirement and/or authority granted in the particular Law listed. Included below is an example, with a partial list of Laws which apply to the Department of Juvenile Justice and Department of Transportation. The agency will see that a statute should be listed again on a separate line for each year there was an amendment to it. Please delete the example information before submitting this chart in final form. NOTE: Responses are not limited to the number of rows below that have borders around them, please list all that are applicable.

Agency Submitting Report	Item #	Statute/Regulation/ Provisos	State or Federal	Summary of Statutory Requirement and/or Authority Granted
Department of Transportation	1	SC Code of Laws: Title 57	State	The entire Title 57 applies to the Department of Transportation. Title 57 contains the following Chapters: 1. General provisions, 3. Department of Transportation, 5. State Highway System, 7. Obstruction or Damage to Roads or Drainage, 9. Abandonment or Closing of Streets, Roads or Highways, 11. Financial Matters, 13. Provisions Affecting Bridges Only, 15. Provisions Affecting Ferries Only, 17. County Roads, Bridges, and Ferries Generally, 19. County Road Taxes and Assessments, 21. Paving Districts in Counties with City of Over 70,000, 23. Highway Beautification and Scenic Routes, 25. Outdoor Advertising and 27. Junkyard Control
Department of Transportation	2	SC Code of Regulations, Chapter 63	State	Chapter 63 of the SC Code Regulations applies to the Department of Transportation. The regulations include: 63-10 - Transportation Project Prioritization; 63-30 - Commission approval of actions; 63-100 - Secretary of Transportation Approval of Actions; 63-300 to 309 - Prequalification and Disqualification of Bidders; 63-322 - Relocation of Displaced Persons; 63-338 - Highway Advertising Control Act; 63-361- Movement of Machinery over Highways; 63-370 - Driveways; 63-380 - Erosion Control; 63-390 - Tandem Trailer Combinations and Other Larger Vehicle Access Control Act; 63-700, et seq. Disadvantaged Business Enterprises Program; 63-800 - Bus Shelters; 63-900 - Scenic Byways
Department of Transportation	3	SC Code Section 1-1- 1040	State	Links to websites posting department's monthly state procurement card statements or information
Department of Transportation	4	SC Code Section 1-30- 10(A)	State	Department of Transportation is a department within the executive branch of state government
Department of Transportation	5	SC Code Sections 1-30-10(G)(1) <u>and</u> 1- 30-10(G) (2)	State	Restructuring Report and Seven Year Cost Savings Plan that provides initiatives and/or planned actions that implement cost savings and increased efficiencies of services and responsibilities within the projected seven year period
Department of Transportation	6	S. C. Code Sections 1-30-10(G)(1)	State	Restructuring Report Department reports giving detailed and comprehensive recommendations for the purposes of merging or eliminating duplicative or unnecessary divisions, programs, or personnel within each department to provide a more efficient administration of government services
Department of Transportation	7	SC Code Sections 1- 1-810, 1-1-820 <u>and</u> Proviso 117.31	State	Annual Accountability Report establishment and content requirements
Department of Transportation	8	SC Code Sections 2-47-50 <u>and</u> 2-47-55	State	Comprehensive Permanent Improvement Plan
Department of Transportation	9	SC Code Sections 8-13-1110 <u>and</u> 8-13- 1140	State	Persons required to file statement of economic interests and updates annually
Department of Transportation	10	SC Code Section 8-13-1110 (12)	State	Amended in 2007 to include District Engineering Administrators
Department of Transportation	11	SC Code Section 11- 35-3310	State	Indefinite delivery contracts for construction items, architectural engineering, and land surveying services
Department of Transportation	12	SC Code Section 11- 35-3830	State	Approval and Record of Trade-in Sales
Department of Transportation	13	SC Code Section 11- 35-2440	State	Records of procurement actions

## **Legal Standards Chart**

Agency Name: South Carolina Department of Transportation Agency Code: U12

Agency Section: 084				
Department of		SC Code Section 11-		Minority business enterprise (MBE) Utilization Plan
Transportation	14	35-5240	State	
Department of		SC Code Regs.19-		Illegal Procurements Citation of the South Carolina Consolidated Procurement Code
Transportation		445.2000(h)	State	
Department of	40	SC Code Section	01-1-	Distribution of gasoline user fee among counties also referred to as C-Fund. Includes apportionments,
Transportation	16	12-28-2740	State	formula distribution, and requirements for expenditure of funds; county transportation committees
Department of	47	SC Code Section	Ctoto	State set-asides for small businesses owned and controlled by socially and economically ethnic minorities
Transportation	17	12-28-2930	State	(MBE's) and disadvantaged females (WBE's)
Department of	18	SC Code Section 44-	State	Recycling programs of state government; state procurement policy; report of the Department of
Transportation	10	96-140	State	Transportation
Department of	19	SC Code Section	State	State agency requirement to submit energy conservation plans and reports to include state buildings
Transportation	19	48-52-620	State	
Department of	20	SC Proviso 117.79	State	Fines and Fees
Transportation	20	3C P10VISO 117.79	State	
Department of	21	SC Proviso 117.52	State	Personnel Organization Chart
Transportation	21	3C F10VISO 117.32	State	
Department of	22	SC Proviso 84.11	State	Hanahan Permit Application
Transportation	22	3C F10VISO 04.11	State	
Department of	23	SC Proviso 117.132	State	IT & Information Security Plans
Transportation	23	30 1 10VI30 117.132	State	
Department of	24	SC Proviso 117.28	State	Travel Expenses of \$2000
Transportation	27	00 1 10 VISO 117.20	Otato	
Department of	25	SC Proviso 117.88	State	Bank Transparency & Accountability
Transportation	20	001100100117.00	Otato	
Department of	26	SC Proviso 117.14	State	Discrimination Policy
Transportation		001100100117.11	Olalo	
Department of	27	SC Proviso 84.16	State	Pedestrian Overpass
Transportation		00110110001110	Olalo	
Department of	28	SC Proviso 117.37	State	Debt Collections Report
Transportation			Otato	
Department of	29	US Code of Laws:	Federal	Federal Statutes applicable to federally funded highway programs
Transportation	_ <u>_</u> _	Title 23		
Department of	30	23 Code of	Federal	Federal Regulations applicable to federally funded highway programs
Transportation		Federal Regulations		
Department of	31	49 US Code	Federal	Section 5301, et seq Public Transportation
Transportation		Title 49, Subtitle III		
Department of	32	49 Code of Federal	Federal	Federal regulations applicable to federally funded transportation programs
Transportation		Regulations		

## **Legal Standards Chart**

11

#### **Agency Reporting Requirements Chart**

Agency Code: U12 Agency Section: 084

INSTRUCTIONS: List all reports, if any, the agency is required to submit to a legislative entity. Beside each include the following under the appropriate column: a) Name of the report; b) Legislative entity that requires the report; c) Law(s) that require the agency to provide the report; d) Stated legislative intent (from legislative entity, statute, regulation or other source) in providing the report; e) Frequency with which the report is required (i.e. annually, monthly, etc.); f) Approximate year the agency first started providing the report; and any positive results from completing and submitting the report; and h) Method by which the agency receives, completes and submits the report (i.e. receive via emailed word document; log into or open program, enter data and click submit; etc.). Included below are examples of reports the agency may have to submit. The example does not include information in the columns under # of staff needed to complete the report; approx. total amount of time to complete the report and approx. total cost to complete the report, however the agency must complete these columns when submitting this chart in final form. Please delete the example figures before submitting this chart in final form, unless it applies to the agency, in which case ensure the information about those reports is complete. NOTE: Responses are not limited to the number of rows below that have borders around them, please list all that are applicable.

											Cost	to Complete	Report	1				
Agency Submitting Report	Item #	# Report Name	Legislative Entity Requesting Report	Law Requiring Report	Stated Intent of Report	Year First Required to Complete Report	Reporting Freq.	# of Days in which to Complete Report	Month Report Template is Received by Agency	Agency is Required	# of Staff Members Needed to Complete	Approx. Total Amount of time to Complete Report	Approx. total Cost to Agency to Complete (considering staff time, etc.)	Positive Results of Reporting	Method in which Report Template is Sent to Agency (i.e. via email;	Format in which Report Template is Sent to Agency	Method in which Agency Submits Completed Report (i.e. email; mail; clic submit on web based form; etc	s which Agency Submits Completed Report (word,
Department of Transportation	1	Restructuring Report and Seven Year Cost Savings Plan	Governor, General Assembly and Senate Legislative Oversight Committee	1-30-10(G)(1) and 1-30-10(G) (2)	Increased Efficiency and Cost Savings	2015	Annually (or as needed)	60	November	January	1	120 hours	\$8,624.95	TBD	Email	Word and Excel	Email and Hand- delivered Mail	Word, Excel and PDF
Department of Transportation	2	Restructuring Report	Governor, General Assembly and House Legislative Oversight Committee	1-30-10(G)(1)	Increased Efficiency	1	Annually (or as needed)	30	February	March	2	170 hours	\$12,218.68	TBD	Email and Hardcopy	Word and Excel	Email and Hand- delivered Mail	Word, Excel and PDF
Department of Transportation	3	Annual Accountability Report	Budget & Control Board (Executive	1-1-810, 1-1-820 and Proviso 117.31	Financial, Organizational, and Accountability Improvements	1929 (original annual report) and 1995 (accountability report)	Annually	60	July	September	2	80 hours	\$5,989.55	Depicts trends	Email and Hardcopy	Word and Excel	Email and Hand- delivered Mail	Word, Excel and PDF
Department of Transportation	4	Annual Report	General Assembly	57-3-760	Annual Accomplishments, Ten Year Needs Plan, and All Firms and Contract Amounts (DMV reports on traffic regulation- Section (3))	1951 (original report- gas tax) and 1993 (includes accomplishments and future plans)	Annually	15	N/A	January	1	30 hours	\$2,053.56	TBD	Email and Hardcopy	Word and Excel	Email and Hand- delivered Mail	Word, Excel and PDF
Department of Transportation	5	Transit Report	Senate Transportation Committee and House Education & Public Works Committee	57-3-40	Annual accomplishments, five year needs, and funding plan.	1993	Annually	30	N/A	February	2	25 hours	\$3,422.60	TBD	Email and Hardcopy	Word and Excel	Email and Hand- delivered Mail	Word, Excel and PDF
Department of Transportation	6	State Set-aside and Other State DBE Funds Report	General Assembly	12-28-2930(I)	Allocation of all Contracts Awarded pursuant to DBE law.	1995	Annually	30	N/A	July	2	72 hours	\$3,160.77	Awareness	N/A	N/A	Not submitted - of file in office	on Excel
Department of Transportation	7	Minority Business Enterprise Utilization Plan	Governor's SMBAO	11-35-5240(2)	Procurement Contracts	1981	Annually	N/A	N/A	July	1	7.5 hours	\$975.44	Transparency	N/A	N/A	Mailed	Word
Department of Transportation	8	Minority Business Enterprise Utilization Progress Report	Governor's SMBAO	11-35-5240(2)	Procurement Contracts Progress Reports	1981	Quarterly	90	N/A	January, April, July, & October	1	7.5 hours	\$359.37	Transparency	N/A	N/A	Electronic	Word
Department of Transportation	9	Annual Energy Conservation	State Energy Office	48-52-620	Report energy used by SCDOT for buildings	1992 (general plan) & 2008 (building plan)	Annually	30	N/A		59	652 hours	\$20,936.04	Awareness of Energy Consumption	Email	Word and Excel	Email and Hardcopy	Word, Excel, and PDF
Department of Transportation	10	Fines and Fees	Chairmen of Senate Finance and House Ways & Means	Proviso 117.75	Promote Accountability & Transparency	2010	Annually	60	N/A	September	1	2 hours	\$167.71	Transparency	Email	Word and Excel	Posted on web, Email and Hand- delivered Mail	Word and Excel
Department of Transportation	11	Personnel Organization Chart	Budget & Control Board (Office of HR)	Proviso 117.52	Agency organization chart of personnel	2005	Annually	N/A	N/A	September	1	15 hours	\$886.45	Information	N/A	N/A	Web-based (SCEIS)	Web-based (SCEIS)
Department of Transportation	12	Recycling Report	DHEC	44-96-140	Transportation Solid Waste Reduction and general recycling.	1991 (DOT waste) and 2000 (general agency)	Annually		August	September	1	52 hours	\$1,540.17	Recycling	Email	Web-based	Email	Web-based
Department of Transportation	13	Railroad Avenue Extension/Hanahan Permit Application	US Corps of Engineers	Proviso 84.11	Application for Required Permit	2014	One time	N/A	N/A	TBD	2	TBD	TBD	Project to proceed	N/A	N/A	Mail	Word and Plan Sheets
Department of Transportation	14	IT & Information Security Plans	Budget & Control Board (Division of Technology)	Proviso 117.132	Agency plan for Information Technology and Security Plans	2015	Annually	120	N/A	October	5	187.5 hours	\$14,888.31	Security plan in place	Email	Excel	Secured Email	Excel
Department of Transportation	15	Travel Expenses of \$2000	Comptroller General	Proviso 117.28	Travel Report for agency for prior fiscal year	1996	Annually	120	September	October	1	2 hours	\$154.02	Transparency	Email with attachment	Excel	Email	Excel
Department of Transportation	16	Bank Transparency & Accountability	Budget & Control Board (State Budget Office)	Proviso 117.88	Disclosure of transactions on the agency account for the prior fiscal year.	2011	Annually	120	September	October	1	6 hours	\$284.08	Transparency	Email with attachment	PDF and Excel	Mail and email	Word and Excel
Department of Transportation	17	Annual Audit	General Assembly	57-1-490	Audits of agency performed by certified public accountant.	1993	Annually	N/A	N/A	October	Consultant	Varies	\$138,444.17	Clear Audit	N/A	N/A	Hardcopy	Hardcopy Report
Department of Transportation	18	Discrimination Policy	State Human Affairs Commission	Proviso 117.14	SC policy on employment and filled vacancy rate data by race and sex.	1990	Annually	N/A	N/A	October	1	15 hours	\$918.97	Transparency	N/A	N/A	web based form	NeoGov
Department of Transportation	19	and Programs	State Human Affairs Commission		Personnel Report by race and sex	1976	Annually	N/A	N/A	February	1	15 hours	\$918.97	Transparency	N/A	N/A	web based form	SCEIS
Department of Transportation	20	Feasibility Studies for Sidewalk, Bike, and HOV Lanes	State Energy Office	57-3-780	Feasibility of HOV Lanes, Sidewalks, and Bicycle Lanes	1993	As needed	30	N/A	Per Project Basis	N/A	N/A	N/A	Awareness	N/A	N/A	Email	Word
Department of Transportation	21	Pedestrian Overpass	Governor and General Assembly	Proviso 84.16	Feasibility study for pedestrian overpass in Charleston	2015	Annually	180	N/A	January	Consultant	Varies	\$25,000.00	Study Complete	N/A	N/A	Hardcopy	Hardcopy Report
Department of Transportation	22	C-Fund Expenditures	General Assembly	12-28-2740	Distribution of user fee among counties.	2002	Annually	N/A	N/A	January	2	90 hours	\$5,862.91	Transparency	N/A	N/A	Hardcopy and DVD	Hardcopy Report and disc

### **Agency Reporting Requirements Chart**

Department of Transportati	on 23	Debt Collections Report	Chairmen of Senate Finance, House Ways & Means, <u>and</u> the Inspector General	Proviso 117.37	Report of outstanding debt and methods used to collect.	2002	Annually	60	January	February	3	17 hours	\$864.21	Financial	Email	Excel template	Email with attachment	Excel template
Department of Transportati	on 24	Federal Enhancement Grants	Chairmen of Senate Finance, House Ways & Means, <u>and</u> Education & Public Works	57-1-370 (D)	Show Awards of Federal Enhancement Grants	2007	Annually	N/A	N/A	February	2	90 hours	\$4,122.52	Informative	N/A	N/A	Mail	Word
Department of Transportati	on 25	Statements of Economic Interest	State Ethics Commission	8-13-1110 <u>and</u> 8- 13-1140	<ul> <li>Requirements for filing a statement of interest, amended in 2007 to include SCDOT Transportation District Engineering Administrators.</li> </ul>	1991	Annually	120	December	April	31	31 hours	\$1,351.93	Disclosure	Mail	Word	Submit on web- based form	Web-based form
Department of Transportati	on 26	SCDOT Commission Requests for Routine Maintenance, Emergency Repairs, & Project Status	General Assembly (ACT 114)	57-1-460	Evaluation and Approval of Routine Operation & Maintenance and Emergency Repairs	2007	Monthly	30	Monthly	Monthly	3	15 hours	\$925.81	Transparency	/ N/A	N/A	Web	PDF
Department of Transportati	on 27	Projects Approved by Commission	General Assembly (ACT 114)	57-1-370	Develop Long-Range Statewide Transportation Plan and plan for Preservation & Improvements	2007	Monthly	30	Monthly	Monthly	6	114 hours	\$8,491.47	Transparency	/ N/A	N/A	Web	PDF
Department of Transportati	on 28	Procurement Card Report	General Assembly (ACT 114)	1-1-1040	Post Department's Monthly State Procurement Card Statements	2011	Monthly	30	Monthly	Monthly	N/A	N/A	N/A	Transparency and automation	/ N/A	N/A	Web	Web based
Department of Transportati	on 29	Indefinite Delivery of Contracts	Budget & Control Board (Office of State Engineer)	11-35-3310	Notify State Engineer of all indefinite delivery contract work orders/delivery orders	1993	Quarterly	90	N/A	January, April, July, & October		10 hours	\$487.72	Informative	N/A	N/A	Email	PDF
Department of Transportati	on 30	Sole Source & Emergency Procurements	Budget & Control Board (Materials Management Office)	11-35-2440	Record of procurement actions to include sole source and emergency procurements.	1981	Quarterly	90	N/A	January, April, July, & October	1	4 hour	\$191.67	Transparency	/ N/A	N/A	Web	Web based
Department of Transportati	on 31	Trade in Sales	Budget & Control Board (Materials Management Office)	11-35-3830	Record listing of all trade-in sales.	1981	Quarterly	90	N/A	January, April, July, & October	1	1 hour	\$47.92	Transparency	/ N/A	N/A	Web	Web based
Department of Transportati	on 32	Illegal Procurements	Budget & Control Board (Division o Budget Analysis)	and Regulation 19-445.2000(D)	Submitted only if illegal procurement occurs	1981	As Needed	N/A	N/A	January, April, July, & October	1	1 hour	\$47.92	Transparency	/ N/A	N/A	Web	Web based
Department of Transportati	on 33	Comprehensive Permanent Improvement Plan	Budget & Control Board (Executive Budgeting Office)	2-47-50 <u>and</u> 2-47 55	7-Five-Year Plan	1980	Annually	45	January	March	70	151.5 hours	\$9,959.77	Awareness	Email	Excel	Email and Hardcopy	Excel and PDF

INSTRUCTIONS: Identify the agency's internal audit system and policies during the past five fiscal years including the date the agency first started performing audits; individuals to whom internal auditors; peneral subject matters audited; the individual or body that makes decision of when internal audits are conducted; information considered when determining whether to conduct an internal audit; total number of audits performed in the last five fiscal years; # of months to complete an internal audit; and date of the most recent Peer Review of Self-Assessment by SC State Internal Auditors Association or other entity, name of that entity).

Note: All audits are not the result of suspicious activity or alleged improper actions. Often times regular audits are required by statute regulation or an agency's standard operating procedure simply as a method of ensuring operations are staying on track.

Agency Submitting Report	have internal auditors? Y/N	Internal	responsible for hiring internal		Name and contact information for head Internal Auditor		Who makes decision of when an internal audit is conducted		Do internal auditors conduct an agency wide risk assessment routinely? Y/N	Do internal auditors routinely evaluate the agency's performance measurement and improvement systems? Y/N	Total Number of Audits performed in last five fiscal years	# of months for shortest audit	# of months for longest audit	needed to conduct	Date of most recent Peer Review of Self-Assessment by SCSIAA or other entity (if other entity, name of that entity)
Department of Transportation	Yes	(	Paul Townes, Chief Internal Auditor	Internal Auditor	townespb@scdot.org; telephone - 803-737- 1151; cell - 803-319-7271	recommendations; Right-of- Way; C-funds; Enhancements	Internal Auditor determines when an audit is conducted.	The Commission directors the Chief Internal Auditor on what audits to conduct, based on input from its members, agency management, and audit staff.	No	No			started and stopped a couple of times due to issues with getting access to supporting information for certain	one employee works on an audit. Also, the more technical as audit or scope is, additional time is incurred since many audits are first time	A peer review is scheduled for 2015, which will be performed by SCSIAA.

Agency Code: U12 Agency Section: 084

INSTRUCTIONS: List the name of all personnel at the agency who were consulted or performed work to obtain the information utilized when answering the questions in these reports, their title and their specific role in answering the question (i.e. searched the agency documents, asked for information because they are in charge of the department, etc.) Please delete the example information and instructions row before submitting this chart in final form. NOTE: Responses are not limited to the number of rows below that have borders around them, please list all that are applicable.

Agency Submitting Report	Name	Phone	Email	Department/Division	Title	Question	Role in Answering Question
Department of Transportation	Janet Oakley	803-737-1312	oakleyjp@scdot.org	Executive	Secretary of Transportation		Approval for Submission
Department of Transportation	Jim Rozier	803-737-0013	rozierj@scdot.org	Commission	Chairman		Approval for Submission
Department of Transportation	Christy Hall	803-737-1600	hallca@scdot.org	Engineering	Deputy Secretary		Content Approval/Revisions
Department of Transportation	Mark Lester	803-737-1444	lestermc@scdot.org	Intermodal Planning	Deputy Secretary		Content Approval/Revisions
Department of Transportation	Jim Warren	803-737-1240	warrenja@scdot.org	Finance & Procurement	Deputy Secretary		Content Approval/Revisions
Department of Transportation	Wendy Nicholas	803-737-0885	nicholaswb@scdot.org	Executive	Chief of Staff		Content Approval/Revisions
Department of Transportation	Linda McDonald	803-737-1347	McDonaldLC@scdot.org	Legal	Chief Counsel	I (B)	Confirmed statutes and dates. Also provided information on Legal Standards Chart and Agency Reporting Requirements
Department of Transportation	Paul Townes	803-737-1151	TownesPB@scdot.org	Internal Audits	Chief Internal Auditor	IV (2)	Provided audit information.
Department of Transportation	Joel Griggs	803-737-2470	GriggsJN@scdot.org	Internal Audits	Internal Auditor	IV (2)	Provided audit information.
Department of Transportation	Wendy Nicholas	803-737-0885	NicholasWB@scdot.org	Executive Office	Chief of Staff	I (A)	Provided restructuring history.
Department of Transportation	Rob Manning	803-737-2649	ManningRL@scdot.org	Executive Office	Director of Strategic Planning & Communications	I (A) and All	Compiled restructuring information and key performance measures. Also reviewed entire report.
Department of Transportation	Doug Harper	803-737-1640	HarperDS@scdot.org	Support Services- Information Technology Section	Director of Information Technology	V (C)(1)	Provided Database Information.
Department of Transportation	Kevin Gantt	803-737-4415	GanttKL@scdot.org	Engineering- Planning	Asset Manager	V (A)(1)(2)	Provided Asset Management Information.
Department of Transportation	Mark Pleasant	803-737-1437	PleasantMD@scdot.org	Engineering- Planning	Planning Director	V (A)(1)(1)	Provided Multimodal Plan Information.
Department of Transportation	Charlie Brown	803-737-3178	BrownCH@scdot.org	Human Resources	Director of Human Capital Investments	V (A)(4)(1) and V (A)(4)(2)	Provided HR information on Key Performance Measures
Department of Transportation	Mary Gail Monts- Chamblee	803-737-1324	MontsMG@scdot.org	Human Resources	Director of Human Resources	IV (1)	Compiled personnel values for agency reporting requirements
Department of Transportation	Susan Johnson	803-737-1381	JohnsonSC@scdot.org	Executive Office	Governmental Affairs	All	Compiled report.

## **Personnel Involved Chart**