

Our Vision

The vision of SCDOT is to deliver, operate and maintain a world-class, 21st century, multimodal transportation system that enables the Palmetto State to continue to grow our economy, enhance our communities and improve our environment.

Our Mission

SCDOT shall have as its functions and purposes the systematic planning, construction, maintenance, and operation of the state highway system and the development of a statewide intermodal and freight system ... the goal of the Department is to provide adequate, safe, and efficient transportation services for the movement of people and goods.

(SC Code Section 57-1-30)

Shared Values Leadership Innovation Public Responsiveness Inclusion Fiscal Stewardship Adaptability



Emphasis Areas

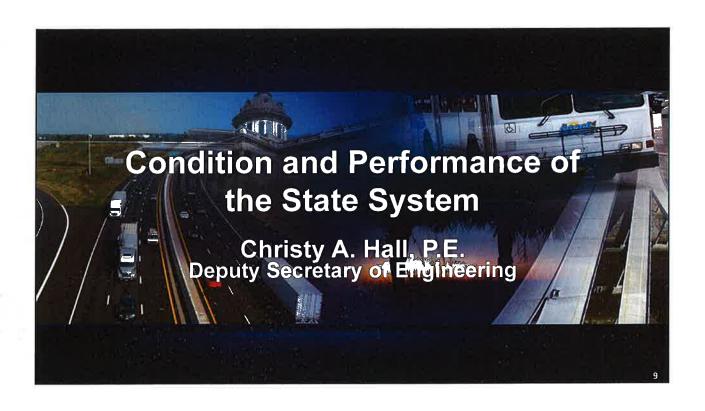
- Reinforce a culture of proactive, <u>customer-driven</u>, collaborative and inclusive service delivery.
- Establish a data-driven, <u>performance</u>-based approach to plan, measure, monitor, assess and improve program management and delivery.



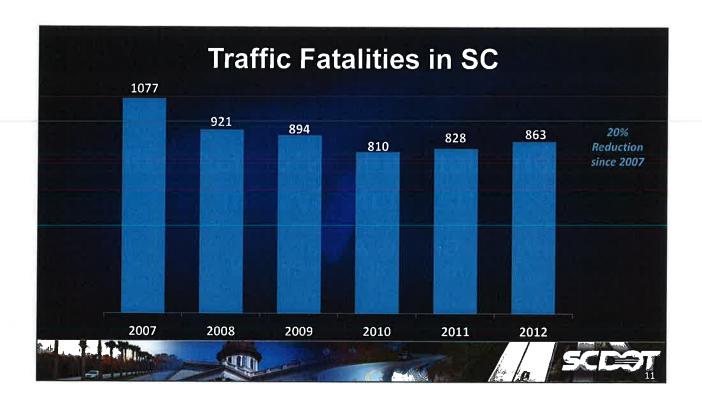
Emphasis Areas

- Adopt innovative tools and practices to <u>expedite project</u> <u>delivery</u> and to maximize value for every dollar invested.
- Strengthen the workforce through support for a culture of inclusion, multidisciplinary teams, innovation and <u>people</u> <u>development</u>.

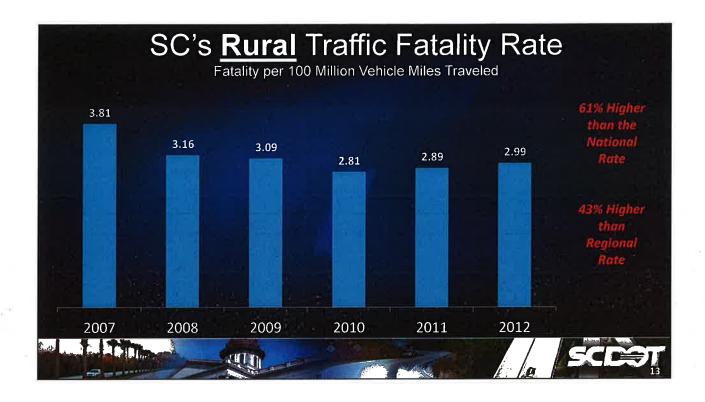


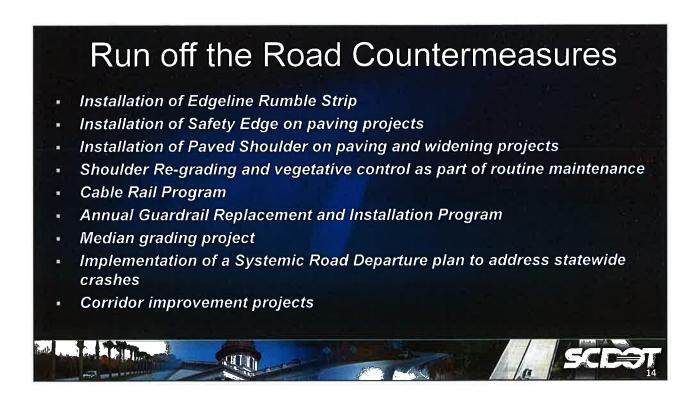


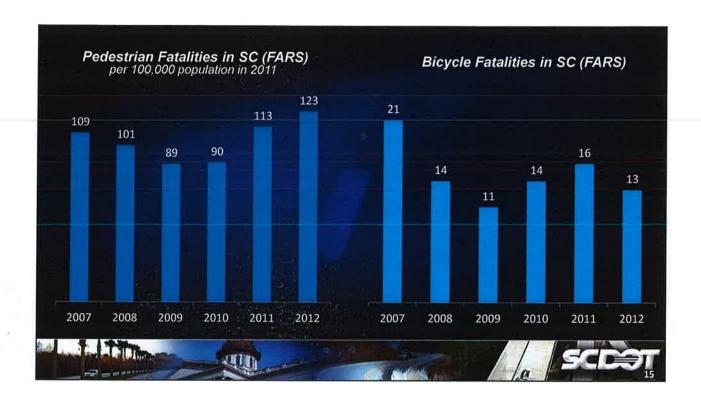














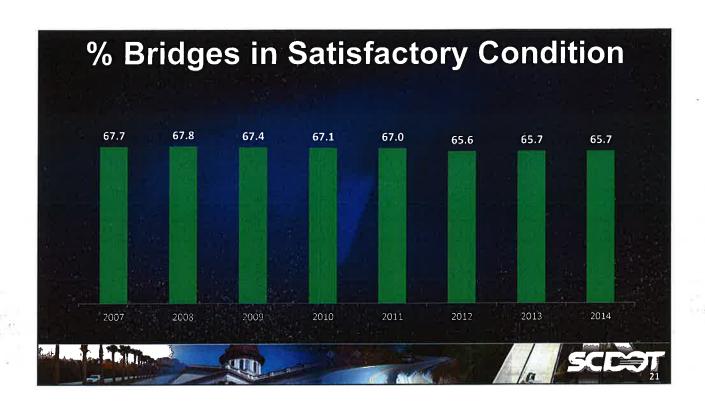
Pedestrian & Bicycle Countermeasures

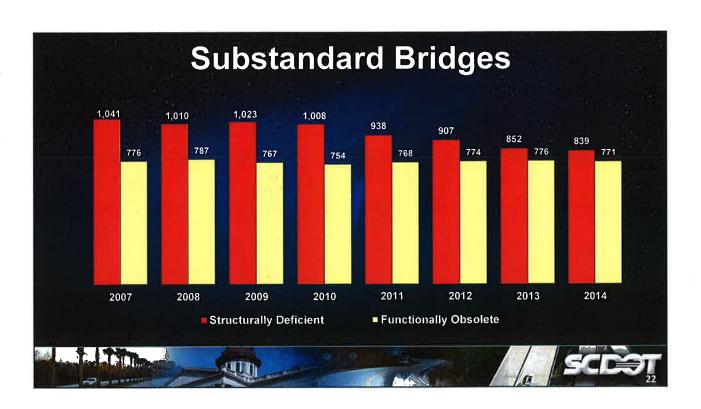
- Improve pedestrian signs, signals and road markings.
- Install separated paths/sidewalks.
- Install pedestrian traffic signal countdown heads.
- Construct median refuges.
- Enhance intersection and roadway design to better accommodate pedestrians and cyclists.
- Implementation of bike/ped educational campaigns.





System	# Bridges	Substandard	Structurally Deficient	Functionally Obsolete	Load Restricted	Closed
Interstate	734	144	27	117	0	0
Primary	2,575	595	270	325	9	0
Secondary	5,110	871	542	329	389	12
Total	8,419	1,610	839	771	398	12









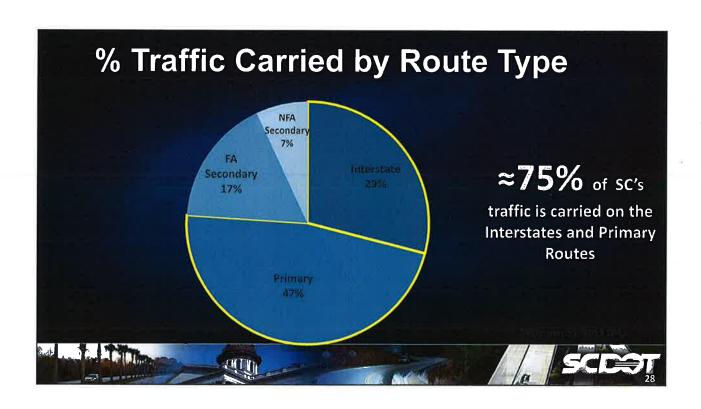
Countermeasures

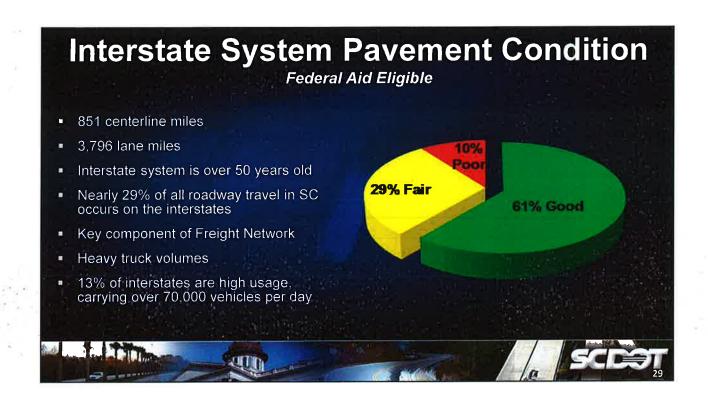
- Use of Structural Health Monitoring (SHM) Technology has provided benefits and savings in bridge repairs, upgrades and restrictions by testing for actual load carrying performance.
- Use of modern, non-site specific, standard bridge designs with an alternative project development process to quickly program for replacement
- Deploy Asset Management/Maintenance contracts to protect and preserve critical assets.
- Balance bridge program to include more rehabilitation and preservation to extend bridge service life
- Work with our partners to control the loadings on bridges while promoting continued needs and services for commerce.



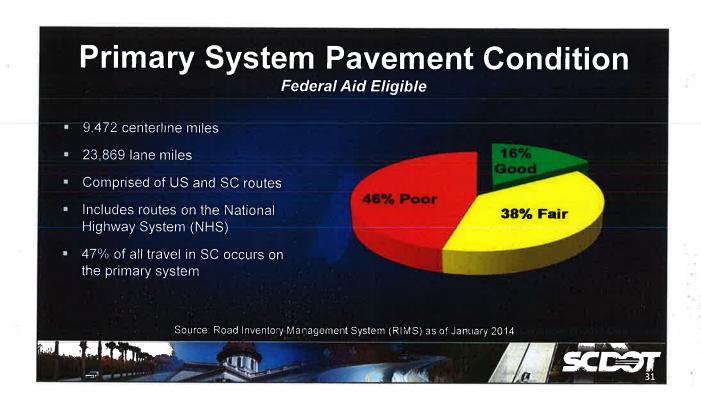


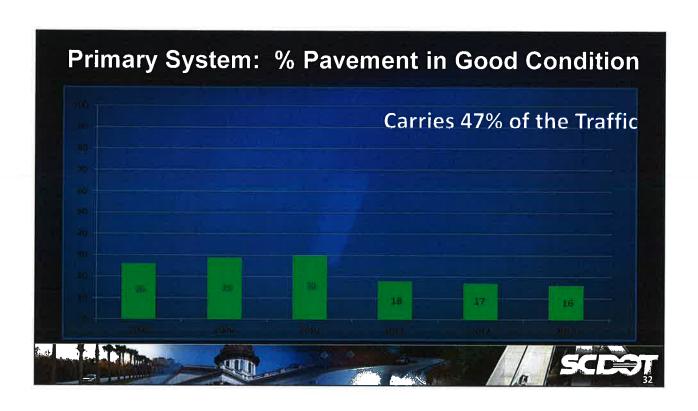
The State System						
oute Type	Centerline Miles	Lane Miles				
Interstate	851	3,796				
Primary	9,472	23,869				
Rederal Aid Sepondary	10/274	21/108				
Non Federal Aid Secondary	20,821	41,758				
Total	41,414 4 th La	rgest 90,580				
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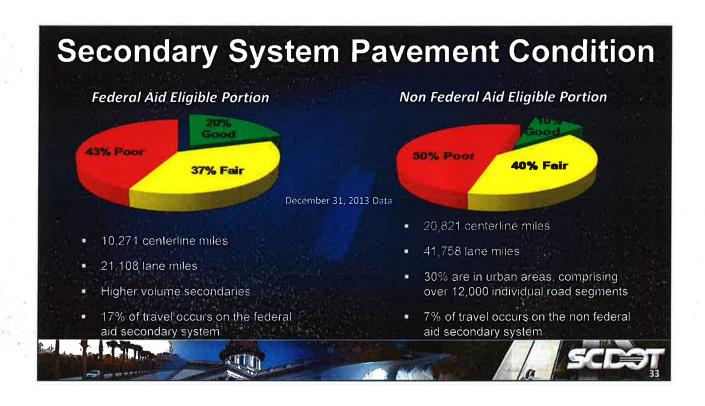


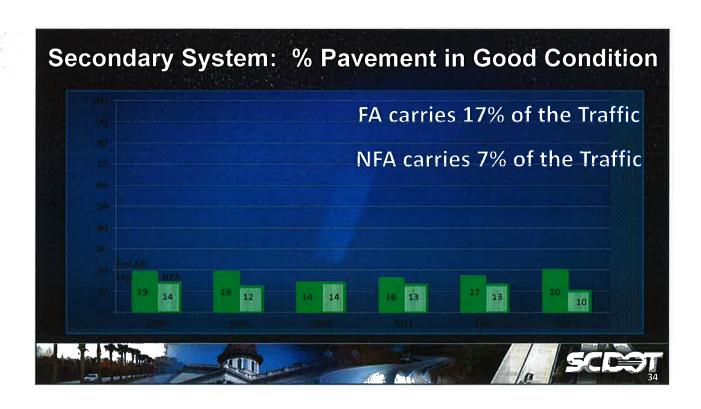


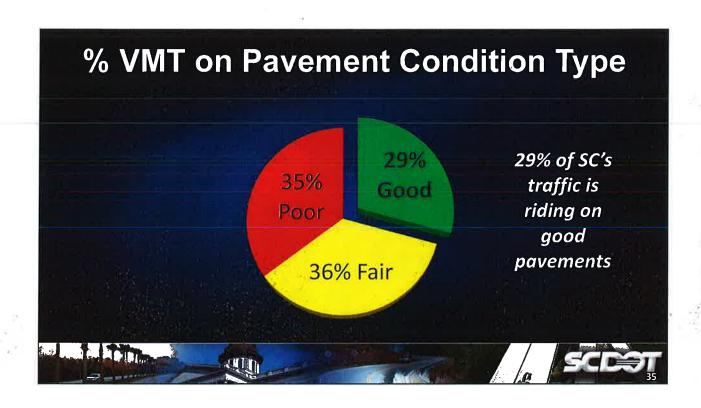




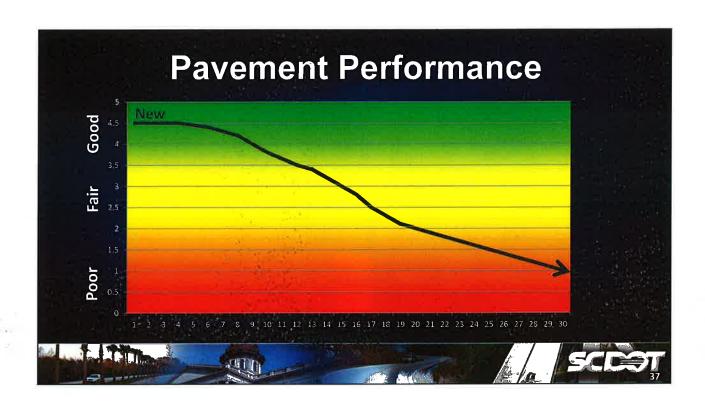


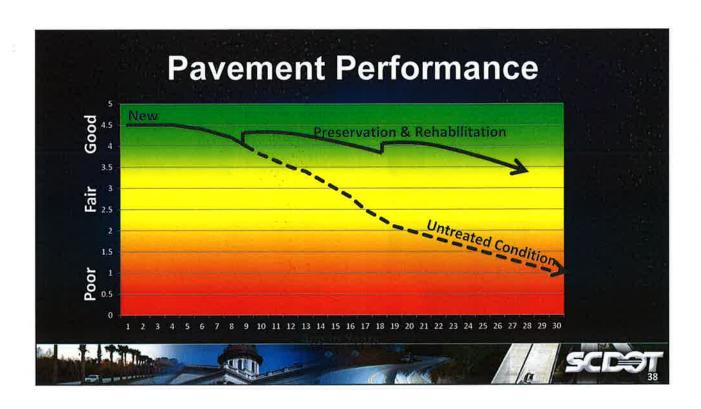


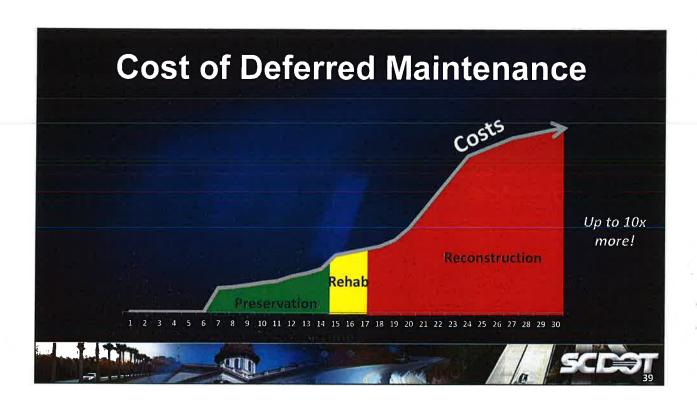


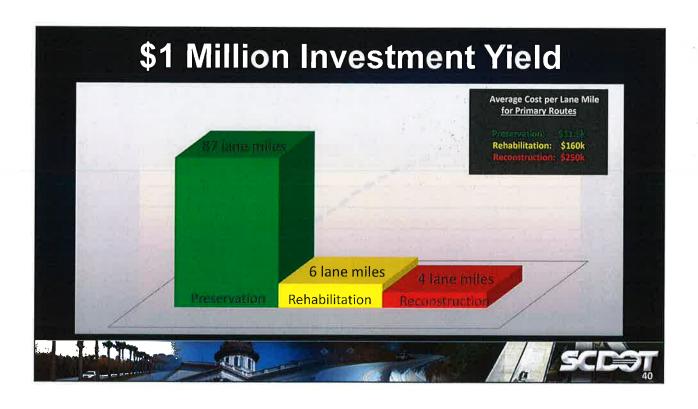




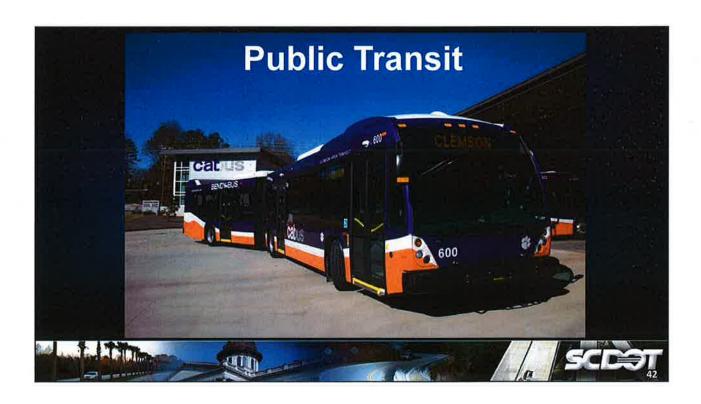


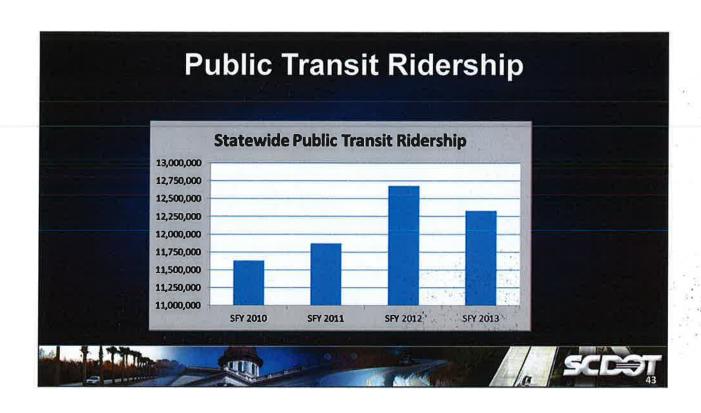




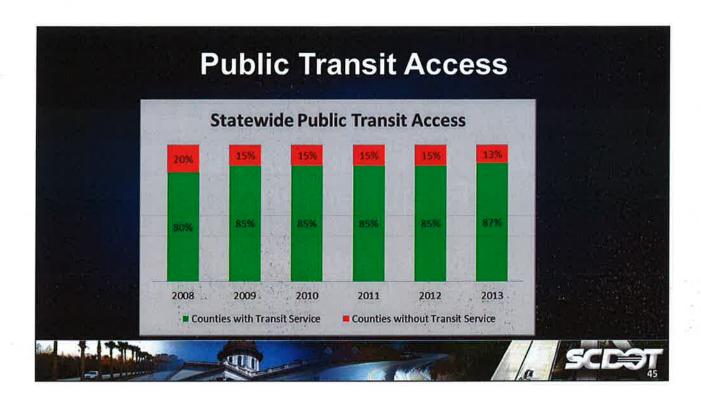


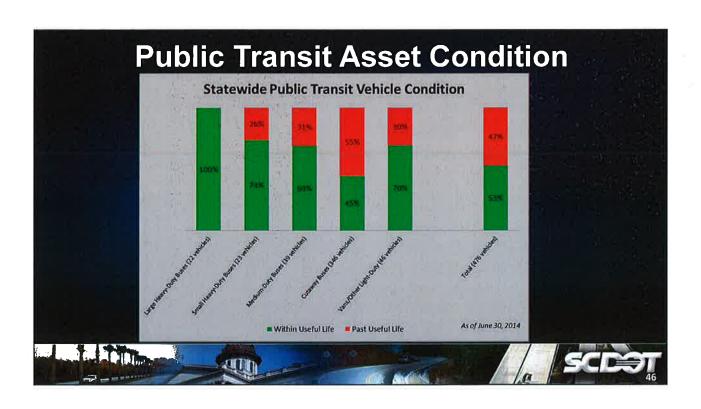
Pavement Condition Countermeasures Reep the Good pavements Good. Intercept Fair roads. Follow the traffic. Target roads on the Freight Network. Deploy innovative preservation & rehab practices.

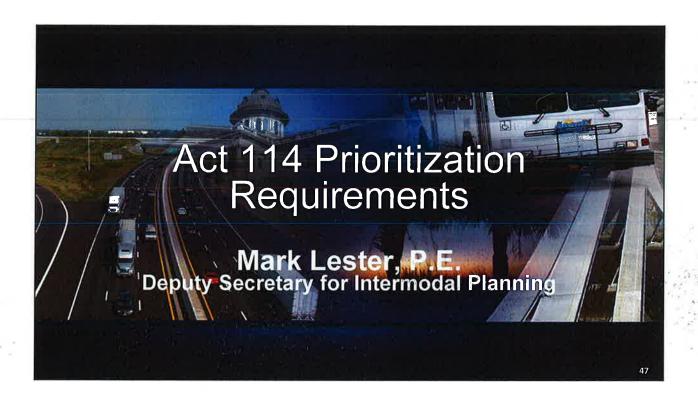


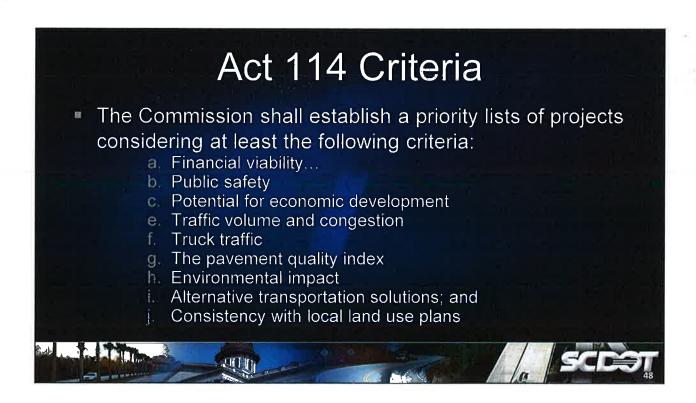












Act 114 Requirements Commission must establish priority list for federal aid and state non-federal aid programs. SIB, Local Option Sales Tax projects, and C-fund projects are exempt.

 State Highway Engineer shall develop engineering directives detailing ranking process for each project category.

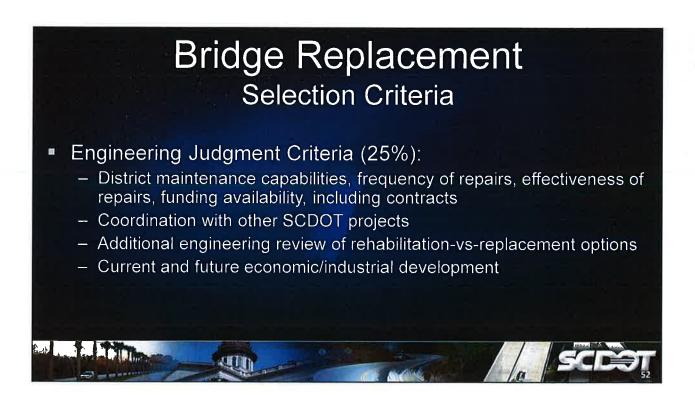


Pavement Selection Criteria

- Pavement condition (65%)
- Average daily traffic (15%)
- Average daily truck traffic (5%)
- The pavement maintenance costs for the road (5%)
- The road's location and significance to the community and local businesses (10%)



Pontis (75%): - Structural Condition - Traffic Status - Average Daily Traffic (ADT) - Average Daily Truck Traffic Percentage (ADTT %) - Detour Length



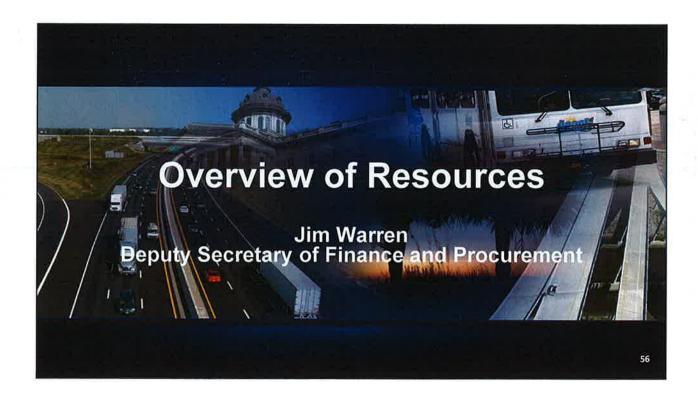




Act 114 Requirements

Section 57-1-460 "routine operation and maintenance and emergency repairs by secretary"

- (1) Signage of routes, pavement marking, replacement and installation of guard rails, repair and installation of signals, "chip seal" of existing roads, enhancement projects, bike lanes, curb cuts, installation of overhead message boards and cameras, research projects funded with federal aid, and pavement management system mapping
- (2) Emergency repairs unforeseen deterioration of roads, bridges, or equipment due to accidents, natural disasters, or other causes that are not included in the STIP





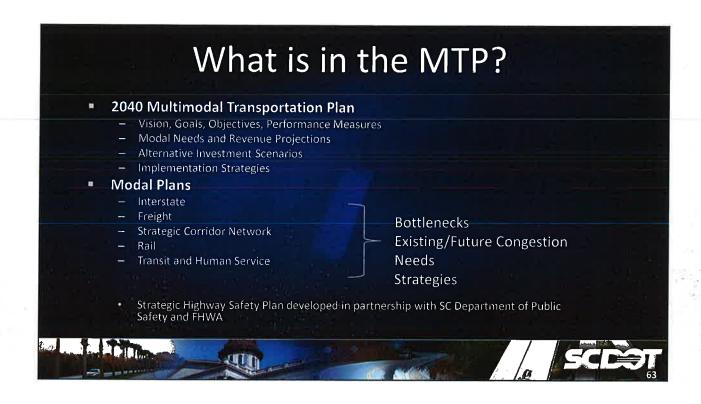


Selected Re Specific	venues c SCDOT		
Car Sales Tax	\$41 M	\rightarrow	Non Federal Aid Act 98 Resurfacing Projects
Miscellaneous Revenues	\$24.3 M	\rightarrow	Non Federal Aid Projects
State Fuel Revenues	\$18.0 M	\rightarrow	Non Federal Aid Projects
Toll Revenues	\$7.6 M	\rightarrow	Toll Debt and Operations
General Funds	\$0.5 M	\rightarrow	Facility Related Projects
			SCC SCOT

	Gross Collections (Gasoline & Diesel)	\$574.0
	Dept of Revenue Deductions (Refunds, Corrections, Tare Allowances, School Buses, US Government Use)	(\$9.0
	DHEC SUPERB Fund 0.50¢ per gallon Department of Agriculture 10% of 0.25¢	(\$17.6 f (\$0.9 f
1	DNR Watercraft Fund 1% of the first 13¢ collected	(\$0.91
A	300007488284644-445350161444 005.4460-466-541145446016616	
١	County Transportation Fund 2.66¢ per gallon of Gasoline	(\$69.51
	State Motor Fuel Revenues Transmitted to SCDOT	\$473.61
V	IFTA Transfer	(\$15.01
	Net State Motor Fuel Revenues to SCDOT	\$458.61
	County Transportation Fund Donor Bonus	(\$9.51
	State Infrastructure Bank 10 of Gasoline Equivalent	(\$26.61
	Remaining for SCDOT Utilization	\$422.51

SC is Heavily Dependent on Federal Funding Federal system is a reimbursement system SCDOT pays invoices, then submits to FHWA for reimbursement SCDOT is reimbursed approximately 80% for every dollar spent Can only be used on federally-eligible roads Only half of SC roads are eligible











Draft Statewide Strategic Corridor Network **Key Output:** Updates 2008 Corridor Plan Defines a hierarchy of corridors that support interregional connectivity, mobility, and economic activity Assessment of existing and future congestion Current condition analysis based on vehicle speed data Future condition analysis based on newly developed statewide travel demand model **Key Findings:** Today, 12% (416 centerline miles) of strategic network operate at LOS C or worse By 2040, 27% (938 centerline miles) of strategic network is projected to operate at LOS C or worse Most congested corridors US 501 (Horry) US 378 (Lexington/Richland) US 291 (Greenville) US 17 (Charleston)















