



**South Carolina Department of Transportation**

**Minutes**

Department of Transportation Commission

Meeting of

September 17, 1998

\*\*\*\*



Dave Bowers  
Planning

DEPARTMENT OF TRANSPORTATION COMMISSION  
OF  
SOUTH CAROLINA

September 17, 1998

\*\*\*\*

The regular monthly meeting of the Department of Transportation Commission was held at the offices of the Department of Transportation in Columbia, South Carolina at 9:00 a.m. on September 17, 1998. In compliance with the "Freedom of Information Act", the news media was advised in writing of the time, date and place of this meeting.

Present

H. B. "Buck" Limehouse, Chairman Presiding  
Hugh Atkins  
Arnold S. Goodstein  
John N. Hardee  
Bobby Jones  
J. "Moot" Truluck

Absent

W. M. "Mat" Self

Also Present: Elizabeth S. Mabry, Executive Director

SECTION 1: The Minutes for the meeting of July 1, 1998; copies of which had been previously mailed to each member of the Commission, were approved.

SECTION 2: The Commission unanimously passed a motion authorizing the Department to advertise and select consultant(s) to provide geotechnical services on an "on call" basis, as shown in detail in the Appendix.

SECTION 3: The Commission unanimously passed a motion authorizing the Department to advertise, select and negotiate with consulting firms to provide engineering services to perform studies and prepare right-of-way and construction plans for the renovation of rest areas and welcome centers statewide, as shown in detail in the Appendix.

SECTION 4: The Commission unanimously passed a motion approving the action of the Department in extending existing construction contracts to include additional work, as shown in the Appendix.

SECTION 5: The Commission unanimously passed a motion approving the action of the Department in extending an existing contract beyond the contract limits, as shown in the Appendix.

September 17, 1998

SECTION 6: The Commission unanimously passed a motion approving the action of the Department in extending an existing bituminous retreatment contract to include additional resurfacing work, as shown in the Appendix.

SECTION 7: The Commission unanimously passed a motion approving the action of the Department in rescinding its action in adding sections of roads to the State Highway System, as shown in detail in the Appendix.

SECTION 8: The Commission unanimously passed a motion adding sections of roads to the State Highway System, shown in detail in the Appendix.

SECTION 9: The Commission unanimously passed a motion authorizing the Department to advertise to secure services of one or more qualified and experienced proposer(s) who will serve as the overall project manager for multiple simultaneous transportation projects which comprises the Department's \$3 billion plus 10-year construction program, as shown in the Appendix.

SECTION 10: The Commission unanimously passed a motion approving the projects included in the Pee Dee and Waccamaw Councils of Governments Project Acceleration Programs, as shown in detail in the Appendix.

SECTION 11: On motion of Commissioner Hardee, seconded by Commissioner Truluck, the Commission unanimously passed a motion to defer, for thirty days, action on a request by Representative Jennings McAbee relative to a 6.2 mile section of road that provides access into Savannah Lakes Village.

SECTION 12: On motion of Commissioner Hardee, seconded by Commissioner Truluck, the Commission unanimously passed a motion approving a request by Representative Roland Smith to install a traffic light at the entrance to Kimberly-Clark Corporation in Aiken County. Kimberly-Clark will pay the costs of this traffic signal.

SECTION 13: Commissioner Truluck made the following motion:

"I move that the Commission approve Florence County's request for the South Carolina Department of Transportation to participate in a fifty percent (50%) match program of the costs of Type B and Type C projects provided that the projects are in the State Highway System, that all federal funding eligibility requirements are met, that the contribution by the South Carolina Department of Transportation does not exceed \$13,400,000 (thirteen million, four hundred thousand dollars) in any one year and that the total amount contributed by the South Carolina Department of Transportation for

September 17, 1998

Type B and Type C projects does not exceed \$112,750,000 (one hundred twelve million, seven hundred fifty thousand dollars) and that the South Carolina Department of Transportation staff work with the staff of Florence County to work out mutually accepted participation agreements and to establish procedures and responsibilities for the handling of bidding and project management."

Motion was seconded by Commissioner Hardee and passed unanimously.

SECTION 14: There being no further business to come before the Commission, the meeting was adjourned at 11:05 a.m.

Larry C. Duke  
Secretary

H. B. "Buck" Limehouse  
Chairman

\*\*\*\*



**South Carolina Department of Transportation**

**Appendix**

Department of Transportation Commission

Meeting of

September 17, 1998

\*\*\*\*

**"ON CALL" GEOTECHNICAL CONSULTANT(S)**

South Carolina Department of Transportation (SCDOT) requests Commission approval to advertise and select consultant(s) to provide geotechnical services on an "on call" basis. The contract will be for a period not to exceed three (3) years. Services will be provided for statewide projects. The funding source will be both State and Federal. The cost estimate for this work will be done on a project-by-project basis through negotiations with the selected consultant(s) with costs being provided to the Commission through the Executive Summary.

\*\*\*\*

**"ON CALL" ENGINEERING SERVICES FOR STATEWIDE  
RENOVATION OF REST AREAS AND WELCOME CENTERS**

The Department requests Commission approval to advertise, select and negotiate with consulting firms to provide engineering services to perform studies and prepare right-of-way and construction plans for the renovation of rest areas and welcome centers statewide.

At present, the Department does not have sufficient staff and expertise to prepare building and roadway plans without curtailing progress on other high priority projects for which commitments have been made. Therefore, consultant services will be needed.

The current three year "on call" contract will expire December 31, 1998. The new contract will extend for three years. The Department will initiate work on individual rest area and welcome center sites in order to utilize available funds. The Commission will be notified as to the scope and cost of each project as funds become available.

\*\*\*\*

Recommendations: 09/17/98

EXTENSION OF CONSTRUCTION CONTRACTS

It is recommended that the Commission approve the action of the Department in extending existing construction contracts to include additional work, as follows:

**ABBEVILLE COUNTY:**

Contract of Sloan Construction Company, Inc. - File No. 1.529 - extended to include resurfacing (File No. 1.10981) with asphalt concrete surfacing and necessary pavement markings on S-61 and S-44 for 3.48 miles.

Estimated Cost of Extension \$149,118.35

**GREENVILLE COUNTY:**

Contract of Eagle Construction Company, Inc. - File 23.001L - extended to include an additional section of Project C-423A (File No. 23.423A) consisting of intersection improvements at Shady Lane and Fisher Drive.

Estimated Cost of Extension \$ 29,033.24

**GREENWOOD COUNTY:**

Contract of Satterfield Construction Company, Inc. - File No. 24.670 - extended to include an additional section of Project SP C-670 (File No. 24.670) consisting of the resurfacing with asphalt concrete surfacing on S-600, S-601, S-602, S-603, S-604, S-605, S-606, and S-639 for a total of 1.833 miles.

Estimated Cost of Extension \$ 79,918.86

**KERSHAW COUNTY:**

Contract of United Contractors, Inc. - File No. 28.750 - extended to include an additional section of Project C-707 (File No. 28.707) consisting of the installation of steel beam guardrail and end anchors on SC 346 over Red Oak Camp Creek.

Estimated Cost of Extension \$ 21,993.03

**PICKENS COUNTY:**

Contract of Vulcan Materials Company & Subs Co. - File No. 39.57971 - extended to include an additional section of Project C-752 (File No. 39.752) consisting of the drainage and thermoplastic pavement markings to provide adequate drainage on 1,480 feet on SC 8.

Estimated Cost of Extension

\$ 57,259.47

These extensions were authorized by the Department prior to formal approval by the Commission since the adjacent work had reached such a stage of completion that the contractors involved could not accept the additional work unless it were authorized without delay.

Recommendations: 09/17/98

EXTENSION OF A CONTRACT BEYOND CONTRACT LIMITS

It is recommended the Commission approve the extension of the following contract beyond the contract limit as follows:

**MARION COUNTY:**

Contract of APAC-Carolina Inc. - File No. 34.552 - extended to include an additional section of Project C-584 (File No. 17.584) consisting of the resurfacing with asphalt concrete surfacing and pavement markings on US 501 Bypass for 2.51 km.

Estimated Cost of Extension

\$276,293.61

This extension is being requested in order to take advantage of lower unit prices available in this contract as opposed to other contracts currently available for extension in Marion County.

Recommendations: 09/17/98

EXTENSION OF A BITUMINOUS RESURFACING CONTRACT

TO INCLUDE ADDITIONAL RESURFACING WORK

It is recommended that the Commission approve the action of the Department in extending an existing bituminous retreatment contract to include additional resurfacing work as follows:

**GREENVILLE COUNTY:**

Contract of Sloan Construction Company - File No. 23.10988 - extended to include resurfacing (File No. 23.10988) of Road S-23-263 from Joint S. of I-85 to S-23-245 for a total of 1.17 miles.

No increase in Contract (\$) Amount

This extension was authorized by the Department prior to formal approval by the Commission since the adjacent work had reached such a stage of completion that the contractor involved could not accept the additional work unless it was authorized without delay.

Recommendations 9/17/98


RESCIND ACTION ADDING ROADS TO THE STATE HIGHWAY SYSTEM

It is recommended the Commission rescind its action adding the following sections of road of road to the State Highway System as follows:


Addition Number


Description

Abbeville County

569  Unnamed connector road extending from Road S-567 (Horne Drive) to Road S-568 (Ferguson Drive) – approximately 0.05 mile  
Designated S-569  
Added to System 4/20/95  
Note: Deleted from "C" Program on February 29, 1996 but never removed from State Highway System.

Aiken County

2282  Biscayne Drive Connector (CR-347) from Biscayne Drive ( Road S-2038) to Biscayne Drive ( Road S-2038) – approximately 0.1 mile  
Designated S-2038  
Added to System 12/14/95  
Note: Deleted from " C" Program December 1996 but never removed from State Highway System.

2285  Kathwood Road (CR-1054) from Road S-5 westerly – approximately 0.1 mile  
Designated S-2285  
Added to System 12/14/95  
Note: Deleted from " C" Program December 1996 but never removed from State Highway System.

Recommendations 9/17/98



ADDITIONS TO STATE HIGHWAY SYSTEM

It is recommended the Commission add the following sections of road to the State Highway System as follows:

Addition Number


Description

Beaufort County


- 835  Helmsman Way in the Town of Hilton Head Island from S-338 (Point Comfort Road Extension northeasterly thence northwesterly under U. S. Route 278 to a private road – approximately 0.58 mile Designated S-835
- 836  Point Comfort Road Extension in the Town of Hilton Head Island from U. S. Route 278 northeasterly to Road S-835 (Helmsman Way) – approximately 0.07 mile Designated S-338

Note: These roads were constructed as part of the Cross Island Parkway Project.

Chesterfield County

- 1047  Parkside Drive extending from U. S. Route 52 southerly for 650 feet to Golf Course – approximately 0.12 mile To be designated S-1047  
Note: This project was previously added to the "C" Program in June 1997 but never added to the State Highway System.

Dorchester County

- 869  Section of road adjacent to Summerville from S-184 (North Gum Street) southeasterly to S-868 – approximately 0.14 mile Designated S-251  
Note: This addition is recommended since it was constructed by File 18.554 without first being added to the State Highway Secondary System.

September 15, 1998

**Construction and Resource Management Firm**

Through the joint efforts of the South Carolina Department of Transportation (SCDOT), the State Infrastructure Bank (SIB) and increased funding promised in the Federal Highway Bill (TEA-21), SCDOT will exceed its internal capacity to manage the vast number of projects to be built over the next 10 years.

Therefore, the Department requests Commission approval to advertise, ~~select and~~<sup>to</sup> secure services of one or more qualified and experienced proposer(s) who will serve as the overall project manager for multiple simultaneous transportation projects which comprises the Department's \$3 billion plus 10-year construction program.

The selected proposer(s) responsibility will be related to the ultimate construction and resource management of the Interstate, MPO, COG and SIB funded bonded program to assure it is delivered on time and within budget.

For September 16, 1998  
Commission meeting

September 16, 1998

**COG Acceleration Programs**

The Department requests Commission approval for the projects included in the Pee Dee and Waccamaw Councils of Governments Project Acceleration Programs (see attachments).

For September 16, 1998  
Commission Meeting

(CONSULTANT SERVICES WOULD BE USED AS NECESSARY)

[illegible]

Project	Federal Fiscal Years									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
Cheraw Truck Route	518	4,178	3,326	1,148	-	-	-	-	-	9,170
US 15/15 Business - Hartsville	52	281	2,062	4,521	3,682	-	-	-	-	10,598
US 601	104	386	776	230	2,375	2,459	636	-	-	6,966
US 15/401 - Bennettsville	52	54	2,434	6,885	4,988	-	-	-	-	14,413
SC 151 - Section 4	-	3,214	8,870	4,590	-	-	-	-	-	16,674
SC 38 - Section 6	-	214	222	2,295	5,582	2,459	5,089	9,218	4,225	29,304
SC 38 - Section 7	-	-	277	287	2,375	2,151	5,725	9,218	2,726	22,759
SC 38 - Section 8	-	-	-	344	356	492	1,272	2,634	1,363	6,461
Total Cash Needs for Construction	726	8,327	17,967	20,300	19,358	7,561	12,722	21,070	8,314	116,345

#### Sources of Cash used for Engineering & Construction:

Federal Guideshare-Pee Dee	7,790	7,790	7,790	7,790	7,790	7,790	7,790	7,790	7,790	70,110
*Plus: TEA 21 Funds for SC 38 - I95 Interchange	-	214	222	2,295	3,420	1,443	-	-	-	7,594
**Plus: Transition Funds	1,988	1,988	1,989	1,988	1,989	-	-	-	-	9,942
STATE G.O. Bond Issue proceeds	-	-	-	5,476	7,270	-	8,118	21,300	-	42,164
Advance Construction-in	-	9,052	10,717	2,751	-	-	561	-	4,271	27,352
Advance Construction-out	(9,052)	(10,717)	(2,751)	-	-	(561)	-	(4,271)	-	(27,352)
<b>Total Sources For Construction &amp; Debt Service</b>	<b>726</b>	<b>8,327</b>	<b>17,967</b>	<b>20,300</b>	<b>20,469</b>	<b>8,672</b>	<b>16,469</b>	<b>24,819</b>	<b>12,061</b>	<b>129,810</b>
Debt Service Requirements	-	-	-	-	1,111	1,111	3,747	3,749	3,747	13,465
Difference—Sources less uses	-	-	-	-	-	-	-	-	-	-

\*Demo funding provided by TEA 21. These funds are shown as an additional source of revenue for the program but they must be used specifically for SC 38 - I95 Interchange. These funds are not used in determining the maximum debt service for the Pee Dee COG Bonding Program.

\*\*As part of the 1998 - 2000 STIP, transition funds were provided by SCDOT to aide some COGS in the transition to the COG based method of distributing transportation improvement funds.

# BONDING REQUIREMENTS.

	0	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
State Highway Bond Issues											
#1 FY 1999 20 yr. @ 6.0%			-								-
#2 FY 2001 20 yr. @ 6.0%					12,746						12,746
#3 FY 2003 19 yr. @ 6.0%							29,418				29,418
Total State Highway Bonds	-	-	-	-	12,746	-	29,418	-	-		42,164

Year	Years 20 Interest 6.00%			Years 20 Interest 6.00%			Years 19 Interest 6.00%			Max Debt service allowed		
	1999 issue 20 Year 6.00%			2001 issue 20 Year @ 6%			2003 issue 19 Year @ 6%			3.895		
	Total			Total			Total			Total		
	Principal	Interest	Debt service	Principal	Interest	Debt service	Principal	Interest	Debt service	Principal	Interest	Debt service
1997												
1998												
1999												
2000	-	-	-							-	-	-
2001	-	-	-							-	-	-
2002	-	-	-	346	765	1,111				346	765	1,111
2003	-	-	-	367	744	1,111				367	744	1,111
2004	-	-	-	389	722	1,111	871	1,765	2,636	1,260	2,487	3,747
2005	-	-	-	413	699	1,112	924	1,713	2,637	1,337	2,412	3,749
2006	-	-	-	437	674	1,111	979	1,657	2,636	1,416	2,331	3,747
2007	-	-	-	464	648	1,112	1,038	1,599	2,637	1,502	2,247	3,749
2008	-	-	-	492	620	1,112	1,100	1,536	2,636	1,592	2,156	3,748
2009	-	-	-	521	590	1,111	1,166	1,470	2,636	1,687	2,060	3,747
2010	-	-	-	552	559	1,111	1,236	1,400	2,636	1,788	1,959	3,747
2011	-	-	-	585	526	1,111	1,310	1,326	2,636	1,895	1,852	3,747
2012	-	-	-	621	491	1,112	1,389	1,248	2,637	2,010	1,739	3,749
2013	-	-	-	658	454	1,112	1,472	1,164	2,636	2,130	1,618	3,748
2014	-	-	-	697	414	1,111	1,561	1,076	2,637	2,258	1,490	3,748
2015	-	-	-	739	372	1,111	1,654	982	2,636	2,393	1,354	3,747
2016	-	-	-	783	328	1,111	1,753	883	2,636	2,536	1,211	3,747
2017	-	-	-	830	281	1,111	1,859	778	2,637	2,689	1,059	3,748
2018	-	-	-	880	231	1,111	1,970	666	2,636	2,850	897	3,747
2019	-	-	-	933	178	1,111	2,088	548	2,636	3,021	726	3,747
2020				989	122	1,111	2,214	423	2,637	3,203	545	3,748
2021				1,048	63	1,111	2,346	290	2,636	3,394	353	3,747
2022							2,487	149	2,636	2,487	149	2,636
Total	-	-	-	12,744	9,481	22,225	29,417	20,673	50,090	42,161	30,154	72,315

# PROPOSED WACCAMAW CONSTRUCTION PROGRAM

(CONSULTANT SERVICES WOULD BE USED AS NECESSARY)

	1999				2000				2001				2002				2003				2004				2005				2006				Project Cost Cost	Running Total Total	
	WIN	SPR	SUM	FALL	WIN	SPR	SUM	FALL	WIN	SPR	SUM	FALL	WIN	SPR	SUM	FALL	WIN	SPR	SUM	FALL	WIN	SPR	SUM	FALL	WIN	SPR	SUM	FALL							
US Route 521 - Andrews Bypass																																			
PE							\$2,219,000.00																												
SURVEYS																																			
PRELIMINARY DESIGN																																			
ENVIRONMENTAL																																			
FINAL DESIGN																																			
R/W																																			
CONSTRUCTION																\$4,767,000.00																	\$37,346,000.00	\$37,346,000.00	
US Route 521 - from US Route 52 to Clarendon County Line																																			
PE							\$2,027,000.00																												
SURVEYS																																			
PRELIMINARY DESIGN																																			
ENVIRONMENTAL																																			
FINAL DESIGN																																			
R/W																																			
CONSTRUCTION																																			
																																		\$2,027,000.00	\$39,373,000.00

### Project Costs Assume 3.5% Inflation

Project	Federal Fiscal Years									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
US Route 521 - Andrews Bypass	-	536	1,109	1,148	3,563	4,302	12,723	9,876	4,089	37,346
*US Route 521 - from US Route 52 to Clarendon C	-	-	1,109	918	-	-	-	-	-	2,027
*This project may need additional funds for PE	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
<b>Total Cash Needs for Construction</b>	-	536	2,218	2,066	3,563	4,302	12,723	9,876	4,089	39,373

**Sources of Cash used for Engineering & Construction:**

[illegible]

# BONDING REQUIREMENTS:

## State Highway Bond Issues

#1 FY 1999 20 yr. @ 6.0%

#2 FY 2001 20 yr. @ 6.0%

#3 FY 2003 19 yr. @ 6.0%

## Total State Highway Bonds

0	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
		-		-		15,867				15,867
						15,867				15,867

Year	Years 20 Interest 6.00%			Years 20 Interest 6.00%			Years 19 Interest 6.00%			Max Debt service allowed 1,493		
	1999 issue 20 Year 6.00% Total			2001 issue 20 Year @ 6% Total			2003 issue 19 Year @ 6% Total			Total		
	Principal	Interest	Debt service	Principal	Interest	Debt service	Principal	Interest	Debt service	Principal	Interest	Debt service
1997												
1998												
1999												
2000	-	-	-							-	-	-
2001	-	-	-							-	-	-
2002	-	-	-	-	-	-				-	-	-
2003	-	-	-	-	-	-				-	-	-
2004	-	-	-	-	-	-	127	952	1,079	127	952	1,079
2005	-	-	-	-	-	-	134	924	1,058	134	924	1,058
2006	-	-	-	-	-	-	143	894	1,037	143	894	1,037
2007	-	-	-	-	-	-	629	862	1,491	629	862	1,491
2008	-	-	-	-	-	-	662	829	1,491	662	829	1,491
2009	-	-	-	-	-	-	698	793	1,491	698	793	1,491
2010	-	-	-	-	-	-	736	755	1,491	736	755	1,491
2011	-	-	-	-	-	-	776	715	1,491	776	715	1,491
2012	-	-	-	-	-	-	818	673	1,491	818	673	1,491
2013	-	-	-	-	-	-	863	628	1,491	863	628	1,491
2014	-	-	-	-	-	-	911	580	1,491	911	580	1,491
2015	-	-	-	-	-	-	961	530	1,491	961	530	1,491
2016	-	-	-	-	-	-	1,015	476	1,491	1,015	476	1,491
2017	-	-	-	-	-	-	1,071	420	1,491	1,071	420	1,491
2018	-	-	-	-	-	-	1,132	359	1,491	1,132	359	1,491
2019	-	-	-	-	-	-	1,195	296	1,491	1,195	296	1,491
2020				-	-	-	1,263	228	1,491	1,263	228	1,491
2021				-	-	-	1,335	156	1,491	1,335	156	1,491
2022							1,397	80	1,477	1,397	80	1,477
Total	-	-	-	-	-	-	15,866	11,150	27,016	15,866	11,150	27,016