



South Carolina Department of Transportation

**COMMISSION
MINUTES**

October 13, 1995



DAVE BOWERS
PLANNING

MINUTES

DEPARTMENT OF TRANSPORTATION COMMISSION

Meeting of

October 13, 1995

MINUTES
DEPARTMENT OF TRANSPORTATION COMMISSION
October 13, 1995

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MINUTES
DEPARTMENT OF TRANSPORTATION COMMISSION
OF
SOUTH CAROLINA

October 13, 1995

The regular monthly meeting of the Department of Transportation Commission was held at the Orangeburg County Administration Building, 437 Amelia Street at nine o'clock a.m. on October 13, 1995. 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
Joseph Jefferson
Gary M. Loftus
B. Bayles Mack
S. Lyman Whitehead

Absent

Francis L. Willis
Jack E. Mullinax

Also Present: B. K. Jones, Director

SECTION 1: The Minutes for the meeting of September 15, 1995 copies of which had been previously mailed to each member of the Commission, were approved.

SECTION 2: The Commission unanimously passed a motion accepting a report by the Department of quitclaim deeds, as shown in detail in the Appendix.

SECTION 3: The Commission unanimously passed a motion accepting a report by the Department for the sale of surplus right of way property, for a building, as shown in detail in the Appendix.

SECTION 4: The Commission unanimously passed a motion amending an existing agreement with Berkeley County Public Transportation System for additional an amount of \$18,900.00, as shown in detail in the Appendix.

SECTION 5: The Commission unanimously passed a motion revising the June 9, 1995 allocation of Federal and State Mass Transit Funds, as shown in detail in the Appendix.

SECTION 6: The Commission unanimously passed a motion approving the South Carolina Department of Transportation - Transportation Enhancement Program Amendment, as shown in detail in the Appendix.

SECTION 7: The Commission unanimously passed a motion approving the action of the Department in extending existing construction contracts to include additional resurfacing work, as shown in detail in the Appendix.

SECTION 8: The Commission unanimously passed a motion approving the action of the Department in extending existing bituminous retreatment contracts to include additional resurfacing work, as shown in detail in the Appendix.

SECTION 9: Pursuant to Code Section 57-5-80, the Commission unanimously passed a motion removing the following described road sections from the State Highway System:

Addition
Number

Aiken County

Portion of
1677



Section of Hollman Road from SC Route 125 northeasterly - approximately 0.5 mile
Designated S-1677
Added to System 10/19/72

Portion of
1922



Section of Jack Jones Road from a point 0.07 mile west of SC Route 19 northerly, westerly, and southerly - approximately 0.17 mile (S-1922)
Added to System 6/21/79

Note: These removals are recommended since these roads were never constructed and are not being maintained by the Department.

Addition
Number

Anderson County

✓ Portion of
469



Section of road from Road S-152 southeasterly -
approximately 0.11 mile
Designated S-469
Added to System 9/15/60

Note: This removal is recommended since this road was never
constructed and a business has now been constructed
on this site.

Lee County

✓ Portion of
192



Section of North Wilson Street from S-250 northerly -
approximately 0.1 mile
Designated S-192
Added to System 9/21/61

✓ Portion of
410



Section of Thomas Street in Bishopville from US Route
15 northwesterly -
approximately 0.05 mile
Designated S-410
Added to System 6/19/80

Note: These removals are recommended since they were
never constructed and are not being maintained by
the Department.

SECTION 10: Pursuant to Code Section 57-5-70, the Commission
unanimously passed a motion adding the following roads to the State Highway System,
maintenance jurisdiction by the Department of such roads to become effective when
construction to State Highway standards shall have started:

Addition
Number

Georgetown County

✓ 1053



Section of Amos Road from SC Route 51 southwesterly to
Road S-733 - approximately 0.15 mile (Designated S-661);
also section of Amos Road from Road S-773 southwesterly -
approximately 0.7 mile (Designated S-662) - 0.85 mile

Addition
Number

Kershaw
Georgetown County

1053



Jeffers Circle in Elgin extending from Road S-102 (Highway Church Road) easterly, northerly, and southwesterly to Jeffers Circle in Elgin - approximately 0.45
To be designated S-1053

Lexington County

1903



Bush Berry Road (dirt road) extending from SC Route 302 (Edmund Highway) to existing pavement - approximately 2.24 miles
To be designated S-1903

1904



Cross Road (dirt road) extending from Road S-34 (Platt Springs Road) to Road S-1459 (Old Orangeburg Road) - approximately 0.74 mile
To be designated S-1904

1905



Railroad Avenue Extension extending from Road S-132 (Railroad Avenue) to Burton Road - approximately 0.95 mile
To be designated S-132

1906



Wilhowie Road (dirt road) extending from Road S-1453 (Southwood Drive) to deadend - approximately 0.44 mile
To be designated S-1906

1907



Longview Street extending from Road S-279 (Boiling Springs Road) to deadend - approximately 1.33 miles
To be designated S-1907

1908



Bluefield Road (dirt road) extending from SC Route 6 to Road S-1459 (Old Orangeburg Road) - approximately 0.97 miles
To be designated S-1908

SECTION 11: On motion of Commissioner Loftus, seconded by Commissioner Mack, the Commission unanimously passed a motion to adopt the Statewide Transportation Improvement Plan, as presented by the Department.

SECTION 12: On motion of Commissioner Jefferson, seconded by Commissioner Loftus, the Commission unanimously passed a motion to table discussion of expansion of the MPO areas pending further study.

SECTION 13: On motion of Commissioner Loftus, seconded by Commissioner Whitehead, the Commission unanimously passed a motion adopting the following resolution:

RESOLUTION

WHEREAS, Sylvan L. Rosen, of Georgetown, has been successful and active community and civic leader in Georgetown County for more than 50 years:

AND WHEREAS, he has served as mayor of the city of Georgetown for 14 years; as county attorney for more than 40 years; and as a member of the South Carolina Highway Commission from 1970 to 1974;

AND WHEREAS, the Georgetown County Council, the Georgetown City Council, and the Georgetown County Legislative Delegation have recognized his outstanding contributions to the citizens of Georgetown County and the State of South Carolina, and requested that the South Carolina Transportation Commission name the U. S. Highway 17 bridges between the old city of Georgetown and Maryville, within the city limits of the city of Georgetown, the Sylvan L. Rosen Bridge;

NOW, THEREFORE, BE IT RESOLVED, that the South Carolina Transportation Commission, in meeting duly assembled, hereby names the Highway 17 bridges between the old City of Georgetown and Maryville in his honor as the Sylvan L. Rosen Bridge.

Done this 13th day of October, 1995.

/s/ H. B. "Buck" Limehouse
H. B. "Buck" Limehouse, Chairman

10/13/95

SECTION 14: There being no further business to come before the Commission, the meeting was adjourned at 11:45 a.m.

Larry C. Duke
Secretary

H. B. "Buck" Limehouse
Chairman

APPENDIX

DEPARTMENT OF TRANSPORTATION COMMISSION

Meeting of

October 13, 1995

SURPLUS RIGHT OF WAY PROPERTY - LAND

1. File 43.358 - U. S. Route 15 - Sumter County

During acquisition of right of way for construction on U. S. Route 15 (Lafayette Drive) in Sumter County, under File 43.358, the Department acquired right of way from J. N. White by Title to Real Estate dated November 13, 1961.

At the request of an adjoining owner, an investigation was made and it was determined that a portion of the above property was no longer needed and could be relinquished. Therefore, a quitclaim deed conveying approximately 0.13 of an acre parcel of land to Margie V. Ford was executed on September 8, 1995, for consideration of \$3,500.00.

2. File 43.662 - Road S-1332 - Sumter County

On January 16, 1986, under File 43.662, the Department added Road S-1332 in the City of Sumter to the State Highway System. During improvements on Road S-1332, the Department acquired an outfall ditch from Thomas D. Ardis in exchange for a very small portion of surplus right of way.

At the request of an adjoining owner, an investigation was made and it was determined that a portion of the above right of way was no longer needed and could be relinquished. Therefore, a gratis quitclaim deed conveying approximately 0.003 of an acre parcel of land to Thomas D. Ardis was executed on September 8, 1995.

3. File 4.824 - SC Route 81 - Anderson County

Under File 4.824, during acquisition of right of way for construction of improvements on SC Route 81 in Anderson County, the Department acquired right of way for a county road relocation from Olive Branch Land and Timber Company Corporation by Title to Real Estate dated June 10, 1988.

During negotiations with an adjacent landowner, an agreement was reached that in exchange for the right of way needed from their property, the Department would convey to them, upon completion of the project, the remainder adjoining their land. Therefore, a gratis quitclaim deed conveying approximately 0.052 of an acre parcel of land to AmeriGas Propane, Inc. was executed on September 11, 1995.

4. File 26.731 - Road S-1240 - Horry County

Under File 26.731, during acquisition of right of way for construction of improvements on Road S-1240 (Holmestown Road) in Horry County, the Department acquired right of way for the purpose of widening Road S-1240 (Holmestown Road) from a 2-lane dirt road to a 5-lane paved road from William F. Tomz and Frances W. Tomz by Condemnation Notice dated September 3, 1993, and from Sadie Scott Parmley by Title to Real Estate dated February 25, 1993.

During negotiations by our Legal Section with an adjoining property owner, for the new right of way needed, an agreement was reached that the Department would reduce the right of way by 10 feet, from an 85-foot right of way to a 75-foot right of way. Therefore, a gratis quitclaim deed conveying approximately 0.47 of an acre parcel of land to William F. Tomz and Frances W. Tomz was executed on September 12, 1995.

5. File 26.856 - SC Route 90 - Horry County

Under File 26.856, during acquisition of right of way for construction of improvements on SC Route 90 in Horry County, the Department acquired right of way for the purpose of widening SC Route 90 for the Conway By-Pass from Kevin D. Farrell by Condemnation Notice dated May 1, 1995.

During negotiations by our Legal Section with an adjoining property owner, for the new right of way needed, an agreement was reached that the Department would change the new right of way line from a 65-foot to 45-foot right of way. Therefore, a gratis quitclaim deed conveying approximately 0.07 of an acre parcel of land to Kevin D. Farrell was executed on September 13, 1995.

6. File 26.856 - SC Route 90 - Horry County

Under File 26.856, during acquisition of right of way for construction of improvements on SC Route 90 in Horry County, the Department acquired right of way for the purpose of widening SC Route 90 for the Conway By-Pass from Kurt D. Starks and Cheryl L. Starks by Condemnation Notice dated May 1, 1995.

During negotiations by our Legal Section with an adjoining property owner, for the new right of way needed, an agreement was reached that the Department would change the new right of way line from a 65-foot to 45-foot right of way. Therefore, a gratis quitclaim deed conveying approximately 0.07 of an acre parcel of land to Kurt D. Starks and Cheryl L. Starks was executed on September 13, 1995.

7. File 23.246A - Route I-85 - Greenville County

Under File 23.246A, during acquisition of right of way for construction U. S. Route 25 Business/SC Route 291 frontage road in Greenville County, the Department acquired right of way from Bernice Anne Williams Steinmeyer by Condemnation Notice dated June 16, 1993.

During negotiations by our Legal Section with an adjoining property owner, for the right of way needed for the frontage road, an agreement was reached that the Department would convey a portion of the right of way upon completion and acceptance of the project. Therefore, a quitclaim deed conveying the surplus remainder being approximately 0.347 of an acre parcel of land, as part of the settlement consideration, to John G. Williams was executed on September 13, 1995, for consideration of 3,225.00.

8. File 35.334 - Road S-224 - Marlboro County

On July 11, 1955, under File 35.334, the Department added Road 224 in the Town of Clio to the State Highway System.

At the request of an adjoining owner, referred by our Legal Section, an investigation was made and it was determined that a portion of the above right of way was no longer needed and could be relinquished. Therefore, a gratis quitclaim deed conveying approximately 0.05 of an acre parcel of land to The Trustees of Trinity United Methodist Church was executed on September 13, 1995.

9. File 35.513 - U. S. Route 15/401 - Marlboro County

Under file 35.513, during acquisition of right of way for construction of improvements on U. S. Route 15/401 Relocation in Marlboro County, the Department acquired right of way from Marvel M. Stanton A/K/A Marvel Miller Stanton by Title to Real Estate dated May 9, 1994.

During negotiations with an adjoining property owner, for the new right of way needed, an agreement was reached that the Department would convey a portion of the present right of way to the grantor, Mrs. Stanton, upon completion of construction in this area. Therefore, a gratis quitclaim deed conveying approximately 0.28 of an acre parcel of land to Marvel M. Stanton was executed on September 27, 1995.

10. File 40.170A - Road S-33 - Richland County

Under file 40.170A, during acquisition of right of way for construction on Road S-33 (Trenholm Road Extension) in Richland County, the Department acquired right of way from Alice Wooten Clark, ETAL by Title to Real Estate dated January 25, 1995.

During negotiations with an adjacent property owner by our Legal Section, for the new right of way needed, an agreement was reached that in exchange for the right of way needed from the adjacent owner's property, the Department would convey the remainder of the above referenced property. Therefore, a gratis quitclaim deed conveying approximately 0.55 of an acre parcel of land to McWil Partnership, ETAL was executed on September 29, 1995.

11. File 40.570 - SC Route 262 - Richland County

During acquisition of right of way for construction of a 20-foot drainage easement on SC Route 262 in Richland County, under File 40.570, the Department acquired right of way from Anna Pearl Joiner by Right of Way Easement dated August 10, 1964.

At the request of an adjoining owner, an investigation was made and it was determined that several residential structures were inadvertently constructed on the subject drainage easement by one to two feet. Therefore, a gratis quitclaim deed conveying approximately 0.0008 of an acre parcel of land to Elsie B. Barnes was executed on September 29, 1995, to clear her residential structure from the drainage easement.

This matter is reported to the Commission in accordance with the requirements of Code Section 57-5-340.

10/5/95

SALE OF SURPLUS RIGHT OF WAY PROPERTY

After being duly advertised, bids were taken by the Department on May 31, 1995, for the purpose of disposing of surplus right of way property and as a result an award was made to the highest bidder for the amount listed below:

File 42.118A - Road S-44 - Spartanburg County

<u>Item No.</u>	<u>Description</u>	<u>Amount</u>
1.	One-story frame house, approximately 973 square feet in size, containing two bedrooms, one bath, living room, den and kitchen, located at 1425 Drayton Street in Spartanburg, South Carolina on Tract 55.	\$2,757.00

Cox House Moving Company
266 Creosote Road
Inman, South Carolina 29349

The above is reported to the Commission in accordance with the requirements of Code Section 57-5-340.

10/5/95

Recommendation - 10/12/95

Item No: PT-564

**AMENDMENT TO THE BERKELEY COUNTY PUBLIC TRANSPORTATION SYSTEM'S
PLANNING/LOCAL INCENTIVE GRANT**

It is recommended that the Commission approve the SCDOT amending an existing agreement with the Berkeley County Public Transportation System so as to add funds in the amount of \$18,900 and to expand the scope of work. The purpose would be to develop a joint Tri-County Rural Transportation Management Association (RTMA) for new mass transit services, on a demonstration basis, in the rural and unserved areas of Charleston and Dorchester counties with continuing services in rural Berkeley County. Local governments of each of the three counties have provided the SCDOT written commitments of an additional \$2,100 (\$700 from each county) and an expanded scope of work for the planning project. Funding for this expanded scope of work would be derived from existing State General Funds/STAP 2 (\$5,215) and existing State Highway Funds (\$13,685). Approval by the Commission is requested.

Recommendation: 10/12/95

Items No.: DMT-781 thru DMT-784
and DMT-786 thru DMT-788

Amended Allocation of Federal Mass Transit Funds

It is recommended that the Commission revise the June 9, 1995 allocation of Federal and State Mass Transit Project Funds to include the projects contained in the attached schedule.

-Schedule Next-

STATE MASS TRANSIT FUND
 ALLOCATIONS FOR FISCAL YEAR 1994-'95
 (IN DOLLARS)

Implementing Agency	Program Sponsor(s)	Project Description	Project Area	Net Project Cost		
				Total Project Cost	DHPT'S Federal	Share State
DMT-782 Anderson-Oconee Council on Aging	FTA Sec. 16	15-Passenger Van	Oconee County	\$21,800	\$17,440	\$0
DMT-781 Bamberg County Disabilities & Special Needs Board	FTA Sec. 16	7-Passenger Van	Bamberg County	\$17,400	\$13,920	\$0
DMT-784 Jasper County Council on Aging	FTA Sec. 16	15-Passenger Van	Jasper County	\$21,800	\$17,440	\$0
DMT-783 Myer Center for Special Children	FTA Sec. 16	15-Passenger ADA Van	Greenville County	\$31,800	\$25,440	\$0
DMT-786 Williamsburg County Disabilities & Special Needs Board	FTA Sec. 16	Purchase of Service Agreement	Williamsburg County	\$31,250	\$25,000	\$0
DMT-787 York County Council on Aging	FTA Sec. 16	15-Passenger ADA Van	York County	\$31,800	\$25,440	\$0
DMT-788 York County Board of Disabilities and Special Needs	FTA Sec. 16	15-Passenger ADA Van	York County	\$31,800	\$25,440	\$0

FTA SECTION 16

TOTALS:

\$187,650.00

\$150,120.00

\$0.00

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION ENHANCEMENT PROGRAM AMENDMENT

ADOPT-AN-INTERSTATE INTERCHANGE PROGRAM

The Adopt-an-Interchange Program is one of the projects developed by the South Carolina Department of Transportation using the 37.5 percent of the State's allocation of transportation enhancement funds. A portion of this enhancement funding is routinely dedicated to the interstate wild flower and landscaping effort. In addition to that effort, \$250,000.00 will be set aside each year for the Adopt-an-Interchange Program. The Adopt-an-Interchange Program is an opportunity for local government to work jointly with the SCDOT to provide a higher level of beautification at key interstate interchanges to their community. This also includes other controlled access roadways with interchanges. The local government may apply for transportation enhancement funds in addition to the Department funding that is programmed for interstate interchanges. The participation by the local government should include the 20 percent matching funds for the additional enhancement funds and assistance with maintenance. Maintenance may be in the form of an irrigation system and other specialized maintenance required for some types of landscaping that is not normally provided by the SCDOT.

The application process for the Adopt-an-Interchange Program will be administered through the Office of Planning in the Engineering Division. Applications will be accepted throughout the year and awarded in order of receipt until the fund is exhausted. Applications are to include a preliminary design and cost estimate. Plans will be reviewed by the SCDOT Landscape Architect for adherence to the attached design requirements. Final approval will be determined by the Deputy Director of Engineering, Planning and Construction.

LANDSCAPING STANDARDS ON INTERSTATE INTERCHANGES

ATTACHMENT "A"

Cities, Towns, Counties and other interested public organizations may contact our county offices concerning the beautification of interstate routes (especially interchanges) and other limited access facilities. This also includes the controlled access roadways with interchanges. We will cooperate with these groups, using our encroachment permit process, the attached "Proposed Transportation Projects on SCDOT Rights-of-Ways" (handouts available in every county office) and the following additional information:

1. A planting plan, designed by a registered landscaping architect or other qualified designers, will have to be submitted and approved by the Department's Landscape Architect.
2. Table 4-2 in the handout does not apply to interstate routes; along interstate routes all plant material must be planted a minimum of thirty (30) feet from the edge of the travel lane or at least 4 feet behind guardrail. Thirty-five (35) feet is the preferred setback in medians. All plantings are to be maintained by the applicant.
3. The group's proposed work at an interchange should not focus on the removal of existing trees. Emphasis on the landscaping plan should be significant improvement of appearance by adding native trees and shrubs.
4. The designer should expect to place the minimum number of trees as described below, for each quadrant: (A quadrant is one-fourth on an interchange). A maximum of \$30,000.00 may be spent at each interchange.
 - a. Seven (7) large (2 1/2" caliper) shade trees and thirty (30) smaller (7' - 8' height) flowering trees at a cost of \$5,250.00 OR
 - b. Twenty (20) large (2 1/2' caliper) shade trees and eight (8) smaller (7' - 8' height) flowering trees at a cost of \$5,250.00.
5. Absolutely no signs are to be placed on the interstate rights-of-ways. Signs may be considered on the non-interstate crossover route.
6. The Department's Landscape Architect should be notified prior to the start of any design work in order to verify that work will not conflict with any in-house beautification projects.
7. All planting is to be done by a licensed landscape contractor, who will have to follow our traffic control, access and safety regulations. City or County maintenance workers may be allowed in a case-by-case basis.

8. If a group wishes to perform maintenance on plant materials previously planted by the DOT, only an encroachment permit and a review of traffic control, access and safety regulation will be required.

LANDSCAPING STANDARDS
APRIL 29, 1994

Proposed Transportation Enhancement Projects
on SCDOT Rights-of-Way

The South Carolina Department of Transportation desires to cooperate as much as possible with governmental organizations desiring to undertake projects to beautify certain sections of various highway rights-of-way. The following general policies establish a framework for preparing design work for projects of this nature.

01. See the attached sheet for setback standards. (Table 4-2)
02. All trees must be delimbed and kept limbless for the six (6) feet in height and up to seven (7) feet in height where trees are near pedestrian walkways.
03. Trees shall be selected and placed so that, even when they are fully matured, their limbs shall not overhang into the roadway and block vehicles. The applicant agrees that the trees shall be kept trimmed, if this is required to keep limbs from overhanging into the road.
04. Multistemmed trees or shrubs with a combined cross-sectional area less than four (4) inches in diameter (crape myrtle and its varieties) may be used in areas where there is insufficient offset for a large tree, on a case-by-case basis. See paragraph 3, "Offset of Trees and Shrubs."
05. Minimum offsets for trees and shrubs shall be described in Table 4-2 of the Access Management Standards. This offset would not apply if the location would not leave at least five (5) feet of a grassed area suitable for pedestrian traffic along roads without sidewalks. This area is to be seeded or sodded as needed to prevent erosion and provide stable footing for pedestrian traffic. "Cross tie planters may be allowed five (5) feet from any roadway structure if buried flush with the existing grade.
06. No trees will be allowed close enough to the road to allow root systems to undermine any roadway structure at any time during the tree's life. A biological or physical root barrier system may be considered in extenuating circumstances, on a case by case basis, as determined by the Landscape Architect.

LANDSCAPING STANDARDS, continued
APRIL 29, 1994

07. Trees or shrubs shall not block the line of sight along the roadway. This means that no planting shall occur in the area bounded by the sight area formed as shown in Section 3A-3 of the SCDOT "Access and Roadside Management Standards" book (Page 10). This information shall be determined on a local level by the Resident Maintenance Engineer or his assistant.
08. If in the future a plant's growth obstructs the view of signs or interferes with sight distances of approaching traffic, the Department will require the applicant to remove or prune the plants to eliminate this obstruction.
09. On a case-by-case basis, plantings may be allowed in sight triangle areas, but in these cases, the plants must be kept to a maximum heights of two and one-half (2 1/2) feet. Generally, all grass should be removed in these triangles and ground covers planted.
10. No tree, shrub, etc., shall be permitted in any location where it may interfere with highway safety or traffic visibility. Plants that might prove detrimental to safety, to the highway, or to adjacent property will not be permitted. Otherwise, the selection of plants is left to the discretion of the applicant. Experience has proven that indigenous plant material is more satisfactory. Features such as autumn foliage, flower effects, etc., should be considered. The applicant may want to contact the Urban Forester for their region (see list).
11. The applicant will make this installation under the supervision of the SCDOT and shall not block traffic at any time. All traffic control devices will be the responsibility of the applicant and shall conform to section V of "The South Carolina Manual On Uniform Traffic Control."
12. Applicants shall furnish, install and maintain all plantings. They shall be responsible for maintaining all vegetation within the right-of-way that is contiguous with the landscaping. If the applicant is a city, this may include mowing the grass around the plantings. See Engineering Directive Memorandum M-26 for guidelines. The Department shall not be responsible for providing water, fertilizer, labor, materials or maintenance within the landscaping limits of the right-of-way.
NOTE: When the applicant is not a city, the permits will be reviewed on a case-by-case basis, on a local or district level, in accordance with M-26.

LANDSCAPING STANDARDS, continued
APRIL 29, 1994

13. The Department will exercise care in maintenance, construction or reconstruction to avoid unnecessary damage. It cannot however, accept responsibility to protect plants against damage or theft. If subsequent changes in the highway require removal of plants, this must be done by applicant.
14. All landscaping work within the SCDOT right-of-way must conform to all local ordinances and all state environmental regulations.

HOW TO OBTAIN A SCDOT ENCROACHMENT PERMIT

1. All proposed beautification projects must be submitted on an "Application for Encroachment Permit" - Form No. 638 - to local Resident Maintenance Engineer in each county in which the landscaping is to be done. (Blank applications are available from him also.) No work will be permitted until the formal permit is approved by the and returned to the Deputy Director of Engineering, Planning and Construction the applicant. A sketch plan of the proposed project must be attached to the Encroachment Application. This plan should show the planting arrangement and the type of plants to be used. Photographs may also be helpful.
2. All proposed beautification permits should clearly state the following information:
 - a. Speed limit (mph)
 - b. Cut or fill slope (Check with local Resident Maintenance Engineer)
 - c. Traffic volume - less or greater that 1,500 ADT (Check with local Resident Maintenance Engineer)
 - d. Label guardrail; barrier curb; sidewalks; edge of pavement and right-of-way line on sketch.
 - e. State distance plant material is from curb or edge of pavement (Setback distance.)

SCDOT - ACCESS AND ROADSIDE MANAGEMENT STANDARDS

1. LANDSCAPING

All materials, labor and associated costs for landscaping installation and maintenance, as well as removal when necessary for highway construction, shall be solely the responsibility of the permittee. The repair and cost of any damage, including theft, to any landscaping or irrigation system components allowed on the right-of-way will under no circumstances be the responsibility of the Department.

Plants or earthen mounds which will at any time obstruct the visibility of any traffic control device or interfere with sight distance as established in subsection 3A-3 are not permitted on the right-of-way. If, at a future time, any plant is found in violation of this provision, the Department may require it to be removed or relocated by the permittee at his expense. Plants other than low ground cover shall not be permitted within 50 feet of a median crossover. No plants shall be permitted on the right-of-way in such proximity to any roadway, shoulder, curbing, sidewalk or drainage component that their root systems may at any time cause any damage to such structure.

Landscape lighting on the right-of-way shall be flush with ground.

2. Irrigation Systems

Irrigation systems for landscaping should be designed so that irrigation can be achieved without any system components encroaching on the right-of-way. When encroachment is unavoidable, details of the irrigation system shall be included in the landscaping plan. In any case, the landscaping plan shall detail provisions for the drainage of water used to irrigate the right-of-way. In no case shall water used to irrigate the right-of-way drain or be sprayed onto the roadway. The correction of any problem involving irrigation water draining or spraying onto the roadway will be the responsibility of the permittee, regardless of the Department's approval of the permit and landscaping plan.

3. Offset of Trees and Shrubs

A tree or shrub that will attain a 4-inch or greater diameter at maturity shall have the edge of its trunk offset from the edge of the roadway minimum distance as specified in table 4-2. When a tree or shrub with multiple trunks or a group of small trees close together will have at maturity a combined cross-sectional area equivalent to that of a 4-inch diameter tree, it shall be offset likewise.

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

ENGINEERING DIRECTIVE MEMORANDUM

Number: M-26

Subject: Landscaping Projects Within the Department's Right-of-Way

1. All landscaping projects within the Department's right-of-way and accomplished under a standard encroachment permit shall be maintained by the permittee or his designee.
2. Since the mowing around the plant material within a landscaped area would be costly and burdensome to most garden clubs and other permittees, the Department will be responsible for the mowing of permitted landscaped areas if the following conditions are met:
 - (a) The design of the landscaped area shall be such that mowing can be accomplished by regular highway mowers that are routinely used to mow the grass on the interstate, primary, and secondary systems.
 - (b) Any mowing by the Department will be in accordance with our standards and no special or additional mowings will be done.
 - (c) A request, in writing, is to be made by the permittee for the Department to mow the landscaped area and a statement holding the Department harmless for any damage by our mowers will be required.
3. District and county engineering personnel should encourage landscaping and vegetation management on our streets and highways and offer suggestions to prospective permittees that will allow our mowers to work within the planted areas to eliminate hand mowing.

APPROVED: 

Director of Maintenance

Date: 4 - 18 - 94

Use this standard →
 for all medians
 with no barrier curbs

Roadside Feature	Speed (mph)	Offset (ft) from Roadway for Current Volume (ADT) of:	
		≤1500	>1500
Guardrail	All	4*	4*
Barrier curb	40 and less	1.5*	1.5*
	45 and 50	6*	8*
	55	10*	12*
6:1 or flatter cut slope	40 and less	10	14
	45 and 50	14	20
	55	16	22
6:1 or flatter fill slope	40 and less	10	14
	45 and 50	12	18
	55	16	22
4:1 to 5:1 cut slope	40 and less	10	14
	45 and 50	12	18
	55	14	20
4:1 to 5:1 fill slope	40 and less	12	16
	45 and 50	16	24
	55	20	26
3:1 cut slope	40 and less	10	14
	45 and 50	10	14
	55	10	16
3:1 fill slope	40 and less	14	18
	45 and 50	20	28
	55	28	30



* Where barrier curb or guardrail exist, offset is measured from face of curb or guardrail.

Table 4-2 Minimum Offset of Trees and Shrubs



SOUTH CAROLINA FORESTRY COMMISSION
URBAN FORESTRY
TECHNICAL ASSISTANCE PROGRAM

Sources of Technical Assistance

URBAN FORESTER

ASSISTANCE AREA

Piedmont Urban Forester

Dale Mayson
S.C. Forestry Commission
Suite 4400
301 University Ridge
Greenville, S.C. 29601
Tel. 803-467-7420

Oconee
Pickens
Greenville
Spartanburg
Cherokee
Union
York
Anderson

Laurens
Abbeville
McCormick
Edgefield
Saluda
Greenwood
Newberry

Midlands Urban Forester

Liz Gilland
S.C. Forestry Commission
P.O. Box 457
Camden, S.C. 29020
Tel. 803-432-3181

Lancaster
Chesterfield
Mariboro
Kershaw
Lee
Darlington

Florence
Richland
Lexington
Calhoun
Clarendon
Sumter

Coastal Urban Forester

Dick Boyce
S.C. Forestry Commission
2880 Savannah Hwy.
Charleston, S.C. 29407
Tel. 803-556-1924

Williamsburg
Georgetown
Berkeley
Dorchester

Charleston
Colleton
Hampton
Jasper
Beaufort

Pee Dee Urban Forester / Project Forester

Lois Edwards
1316 First Avenue
Conway, S.C. 29526
Tel. 803-248-5810

Dillon
Marion
Horry

Program Administrator

Steve Scott
Urban Forestry Program Coordinator
P.O. Box 21707
Columbia, S.C. 29221
Tel. 803-737-8800

Chester
Fairfield
Aiken
Barnwell
Allendale
Bamberg
Orangeburg

Recommendations 10/13/95

EXTENSION OF CONSTRUCTION CONTRACT

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

CHARLESTON COUNTY:

Contract of Ballenger Paving Company, Inc. - File No. 10.983 - extended to include an additional section of Project FAP IM-26-4-(106) (File No. 10.983) consisting of the replacement of Parapet Wall on approach slab and bridge on Line "A" (northbound ramp from Interstate Route 26 to US Route 17) for 282.2 linear feet.

Estimated Cost of Extension

\$106,029.31

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 were authorized without delay.

Recommendations 10/13/95

EXTENSION OF 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:

SUMTER COUNTY:

Contract of APAC Carolina, Inc. - File No. 43.10951 - extended to include resurfacing (File No. 43.10951) of 0.10 mile on Road S-43-377 (E. Hunter Street) from S-498 to S-376; 0.09 mile on Road S-43-425 (Central Carolina Tech. Dr.) from S-1268 to 0.09 mile South West of S-1268; 0.35 mile on S-43-498 (Fairfax Street) from US 76/378 Frontage Road to S-376; and 0.17 mile on S-43-621 (Commerce Street) from SC 120 to SC 261.

Estimated Cost of Extension

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 were authorized without delay.