



A.D. Architectural Engineer-
ing, 1978
Midlands Technical College

Timothy R. Sharpe
1979 - Present (Career)
Assistant Beaufort County Program Manager

Mr. Sharpe's career includes over twenty-eight years of experience in engineering working for the South Carolina Department of Transportation. Mr. Sharpe's last assignment was serving the SCDOT as Design Group Coordinator.

Mr. Sharpe's experience with Dennis Corporation includes the following:

- **Beaufort County 1% Road Sales Tax Program.** Mr. Sharpe currently serves as Assistant Program Manager for the Beaufort County Sales Tax Program, assisting the County with the program management of transportation projects with construction costs totaling over \$300 million. The projects include both local road and bridge projects in the county over a five year duration. While working as Assistant Beaufort County Program Manager Mr. Sharpe's projects will include:
 - The Bluffton Parkway
 - Improvements to US Route 278 from Sea Pines Circle in Hilton Head Island to SC Route 170 in Bluffton
 - The widening of SC Route 170
 - US Route 17 Widening
 - Improvements to US Route 21 (Boundary Street)
 - New parallel road to Boundary Street
 - Improvements to SC Route 802 (Ribaut Road)
 - Widening of US Route 21/SC Route 802 (Lady's Island Drive)
 - Northern Beaufort Bypass Feasibility Study
 - Widening of SC Route 802 (Savannah Highway)
- **Special Projects Manager.** While working as Special Projects Manager Mr. Sharpe's projects included:
 - Providing subsurface investigation, surveying, engineering design and permitting, bidding and award, construction administration/observation, and materials testing on Beulah Church Road and Lorenzo Road in Abbeville County.
 - Coordinate, design, and permit watermain for the Town of Winnsboro in Fairfield County that runs through an SCDOT triple box culvert under Interstate 77.
 - Managed the Fairfield County Transfer Station Projects. Redesign of two stations and slight modification to eight others.
 - Provide engineering design, bidding and award, construction management, and testing for Fairfield County's animal shelter.
 - Search for funding to help in the growth and popularity of the South Carolina Railroad Museum.

Previous project experience:

- **Design Group Coordinator / Engineer III for the South Carolina Department of Transportation, Columbia, SC.** While serving the SCDOT in this capacity, Mr. Sharpe's duties included:
 - Supervising the assembly of a complete set of highway construction plans that meet all requirements set forth by the State, FHWA, and AASHTO standards
 - Recommending drainage structures and locations requiring a working knowledge of drainage practices and procedures

- Responsible for supervising and training a road design group in the area of secondary, primary, interstate, safety, and bridge projects
 - Attending field inspections and meetings to collect data as necessary to complete a set of highway construction plans
 - Consulting with project engineer, hydrology, traffic, right-of-way, bridge, environmental, and field engineers as necessary
 - Organizing field reviews
- ❑ **Assistant Design Group Coordinator / Engineer II for the South Carolina Department of Transportation, Columbia, SC.** While working as an Engineer II, Mr. Sharpe was responsible for the following:
- Producing highway construction plans and assisting in supervising design group in the production of highway construction plans meeting all requirements
 - Training group members in the aspects of secondary, primary, interstate, safety and bridge projects
 - Attending field reviews and meetings with other engineering personnel as required to collect necessary data for plan completion
 - Assisting group coordinator with administrative, engineering, and personnel duties as required to ensure timely completion of all projects
- ❑ **Engineering Technician III, IV, V and Civil Engineer Associate I for the South Carolina Department of Transportation, Columbia, SC.** While working as an Engineering Technician, Mr. Sharpe gained the following experience:
- Checking field notes, plotting original topography, profile, and existing cross sections
 - Researching and verifying present and dedicated right-of-way using department records, existing plans, recorded plats and deeds
 - Preparing secondary/bridge approach, complex primary and interstate roadway prints for field reviews
 - Laying and computing new centerline grades; determining and computing superelevation; plot preliminary design templates; prepare interchange layouts for field reviews and final plans
 - Making preliminary drainage recommendations; place final drainage on plans; prepare Erosion Control Data Sheets
 - Determining new right-of-way limits; calculating obtains; preparing Right-of-Way Data Sheet and Property Layout Sheets

Mr. Sharpe's specific project experience includes:

- ❑ **Beaufort County US Route 21**
- Plan preparation (lay centerline and curb grades, plot templates, compute superelevation, compute all necessary quantities, calculate right-of-way obtains, etc.) to widen existing two lane highway to five lane curb and gutter with sidewalk to accommodate local school and tourism traffic.
 - AWARDED FIRST PLACE - SCDOT 2005 OUTSTANDING ROAD CONSTRUCTION PLANS OF THE YEAR
- ❑ **Calhoun County US Route 601**
- Plan preparation to widen existing two lane highway to five lane curb and gutter leading into St. Matthews
 - AWARDED FIRST PLACE - SCDOT 2004 OUTSTANDING ROAD CONSTRUCTION PLANS OF THE YEAR
- ❑ **Greenville County SC Route 14**
- Plan preparation to widen existing two lane highway to five lane curb and gutter with some ditch sections including 4.5 miles of mainline and 32 side roads
 - AWARDED FIRST PLACE - SCDOT 2003 OUTSTANDING ROAD CONSTRUCTION PLANS OF THE YEAR
- ❑ **Chesterfield / Kershaw County US Route 1**
- Plan preparation of bridge relocation/replacement project
 - AWARDED FIRST PLACE - SCDOT 2002 OUTSTANDING ROAD CONSTRUCTION PLANS OF THE YEAR
- ❑ **Orangeburg County US Route 601**

- Plan preparation to widen existing two lane highway to five lane curb and gutter tying to I-26 interchange
- AWARDED FIRST PLACE - SCDOT 2000 OUTSTANDING ROAD CONSTRUCTION PLANS OF THE YEAR
- ❑ **Fairfield County I-77 and S-30 Interchange**
 - Plan preparation of new diamond interchange in future industrial corridor including 4 side roads and 4 interstate ramps
- ❑ **Darlington/Florence County I-20 Rehabilitation at I-95**
 - Plan preparation of ten mile rehabilitation and cross slope correction project including ramps
- ❑ **Richland County Clemson Road S-52**
 - Plan preparation of new interchange with US Rte 1; existing two lane highway in fast growing residential and business area (Village at Sandhills) widened to five lane curb and gutter with sidewalk; new alignment tying into I-77

Proficiencies

- ⇒ GEOPAK
- ⇒ MicroStation / CAD
- ⇒ Primavision
- ⇒ Microsoft Office / Word and Excel

Training and Seminars

- ⇒ NHI AASHTO Roadside Safety Training
- ⇒ NHI Roundabout Workshop
- ⇒ ACEC-SC Partnership Meeting 2006
- ⇒ Access Management
- ⇒ Materials: Resident Engineer Academy / USC Civil Engineering
- ⇒ Specifications For Culvert Pipe Design
- ⇒ NHI Fundamentals of Plan, Design, Approval
- ⇒ Administration: Resident Engineer Academy / USC Civil Engineering
- ⇒ Environmental: Resident Engineer Academy / USC Civil Engineering
- ⇒ 2005 Bicycle & Pedestrian Conference
- ⇒ ACEC-SC Partnership Meeting 2005
- ⇒ Federal Aid 101
- ⇒ MicroStation User Update / Bentley
- ⇒ Leadership Development for Supervisors
- ⇒ 2004 Bicycle & Pedestrian Conference
- ⇒ American Council of Engineers of SCDOT
- ⇒ AASHTO Roadside Design Guide
- ⇒ CESC Annual Meeting 2002
- ⇒ Value Engineering
- ⇒ Roadside Barrier and End Treatment
- ⇒ Plan Preparation Training
- ⇒ MicroStation 3D
- ⇒ Roadway Design CADD Plan Preparation
- ⇒ Precast Drainage Structure
- ⇒ Success as a Supervisor