



A.D., Architectural
Engineering
Midlands Technical College
1978

DENNIS CORPORATION

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

Mr. Tim Sharpe serves as **Assistant Program Manager** for the Beaufort County Sales Tax Program, assisting the County with the program management of transportation projects with program costs totaling over \$300 million. The projects include both local road and bridge projects in the county over a five year duration. Also, Mr. Sharpe's career includes over twenty-eight years of experience in engineering working for the South Carolina Department of Transportation.

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 with the growth and popularity of the South Carolina Railroad Museum.

Previous project experience includes:

- ❑ **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.

❑ **US Route 601, Calhoun County, SC:**

- 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.

❑ **SC Route 14, Greenville County, SC:**

- 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.

❑ **US Route 1, Chesterfield / Kershaw County, SC:**

- Plan preparation of bridge relocation/replacement project.
- AWARDED FIRST PLACE - SCDOT 2002 OUTSTANDING ROAD CONSTRUCTION PLANS OF THE YEAR.

❑ **US Route 601, Orangeburg County, SC:**

- 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.

❑ **I-77 and S-30 Interchange, Fairfield County, SC:**

- Plan preparation of new diamond interchange in future industrial corridor including 4 side roads and 4 interstate ramps.

❑ **I-20 Rehabilitation at I-95, Darlington/Florence County, SC:**

- Plan preparation of ten mile rehabilitation and cross slope correction project including ramps.

❑ **Clemson Road S-52, Richland County, SC:**

- 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

- ⇒ Microstation Geopak
- ⇒ Microstation V-8
- ⇒ Autodesk Land Desktop
- ⇒ Primavision
- ⇒ Microsoft Office / Word and Excel

Training and Seminars

- ⇒ AHERA Asbestos Inspector Initial Course
- ⇒ 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