

**MALVIN J. TRICKEY, P.E., C.V.S.**

Associate

**PROFESSIONAL**

**REGISTRATION:** Registered Professional Engineer, Florida (25475)  
Certified Value Specialist (950509)

**PROFESSIONAL CAPABILITIES:**

After serving 30 years with the Florida Department of Transportation in positions including roadway design, planning, and value engineering, he has a broad understanding of highway design and construction projects, project planning and development, hands on value engineering studies, as well as the importance of the VE implementation process. He is well versed in all FHWA and AASHTO Value Engineering guidelines.

**SUMMARY OF WORK EXPERIENCE:**

**Ventry Engineering, L.L.C., Quincy, Florida**

Assist in the conduct of Value Engineering courses and studies for government agencies. Mr. Trickey has served as a Team Leader on numerous Value Engineering studies. He has conducted Team Leader workshops and assisted in conducting SAVE Module I workshops.

**Florida Department of Transportation, Tallahassee, Florida**

**Chief, Bureau of Value Engineering.** Directed FDOT's statewide Value Engineering Program by establishing procedures and training resulting in annual Value Engineering reviews of 75-100 transportation projects. Provided for team member and team leader training in each of the Department's seven (7) districts. Responsible for the review and approval of an average of 20-25 VECs annually. Responsible for new product evaluation, acceptance and rejection for FDOT. Responsible for new and innovative energy programs at FDOT. Coordinated a Design-Build demonstration program consisting of eleven (11) projects totaling \$31,000,000.

**Assistant State Value Engineer.** Conducted Value Engineering training, team member and team leader, in each of FDOT's seven (7) districts. Coordinated the review of contractor proposed VECs. Served as Team Leader for special value analysis studies as assigned by the Department.

**Transportation Engineer and Planner.** Conducted numerous transportation needs studies, managed a small urban area transit section, served as Project manager on numerous small city and county transportation studies, Project Manager for statewide planning manuals and sketch planning tools.

**Engineer Trainee.** Completed the Florida Department of Transportation's In-Service Training Program for highway engineers. Completed a two year intense program including training segments covering design, construction and maintenance of highways and bridges.

**Engineer Technician.** Began career with the Florida Department of Transportation in District Design Office as technician preparing x-sections, plan and profiles, earthwork quantities, drainage structure sheets, and other material quantities.

**PROFESSIONAL AFFILIATIONS:**

Society of American Value Engineers (SAVE)  
Treasurer, North Florida Chapter, 1992

American Assn. of State Highway & Transportation Officials (AASHTO)  
Chairman, Task Force on Value Engineering, 1993

**CONTINUING EDUCATION:**

Value Engineering (Module I), Society of American Value Engineers,  
William F. Ventry, C.V.S., Tallahassee, Florida

Value Engineering (Module II), Society of American Value Engineers,  
Kempner/Rossman International, Orlando, Florida

Professional Engineers Review Seminar (10 weeks), Florida State  
University, Tallahassee, Florida

Public Transportation, an element of the Urban Transportation  
System (4 days), U.S. Department of Transportation, JHK &  
Associates, Atlanta, Georgia

**PUBLICATONS/PRESENTATIONS:**

"Comparative Economic Analysis of Asphalt and Concrete Pavements."  
Published in Transportation Research Record of the Transportation  
Research Board National Research Council, January 1986.

"Life Cycle Costing." Presented at the Hot Mix Asphalt Design and  
Construction-A State-of-the-Art Workshop, sponsored by the National  
Asphalt Pavement Association, the Asphalt Institute, and the New  
Jersey Asphalt Pavement Association, Atlantic City, New Jersey,  
June 21-22, 1988.

"Life Cycle Costing." Workshop sponsored by the National Asphalt  
Pavement Association, the Asphalt Institute, and Asphalt Council of  
California, San Jose, California, February 9-10, 1989.

"Value Engineering Success in the Florida Department of Transportation." Value Engineering in the Construction Industry Seminar, co-sponsored by: U.S. Army Corps of Engineers, Florida DOT, Central Florida Chapter of the Society of American Value Engineers (SAVE), Orlando, Florida, November 13, 1990.

"How to Implement a VE Program." Presented at the American Association of State Highway & Transportation Officials (AASHTO) National Value Engineering Conference, Scottsdale, Arizona, September 30-October 3, 1991.

"FDOT's Value Engineering Program." Presented at the Society of American Value Engineers (SAVE) Conference, Dallas, Texas, July 30-31, 1992.

"An Effective Application of Value Engineering in the Early Review of Major Transportation Projects." Presented at the AASHTO Value Engineering Conference, Sacramento, California, October 23-26, 1995.

"A Value Engineering Review of the Gopher, Frog and Alligator Rail Trail." Presented at the AASHTO Value Engineering Conference, Atlantic City, New Jersey, September 2-5, 1997.

"Design Project Manager's Role during the Value Engineering Review." Presented at the AASHTO Value Engineering Conference, Branson, Missouri, July 14-16, 1999.