



Matthew Watson, EIT
2006– Present (Career)
Roadway Design Manager

B.S., Civil Engineering,
University of South
Carolina
2008

College Board AP Scholar

ASCE USC Chapter
Member-2006-2007

Mr. Watson began working with Dennis Corporation in April of 2006 within the company's Roadway Design Department. Mr. Watson's past experience includes working with local Town, County and SCDOT agencies and conforming to local Town, County, SCDOT and AASHTO regulations and requirements in design and plan preparation for roadway and transportation-related projects. Mr. Watson is also experienced in public involvement services, utility coordination services, environmental & permitting services, traffic data collection management, right of way & expert witness exhibits, and construction cost estimating.

Some of Mr. Watson's most recent project experience includes the following:

- ❑ **Parkersville Road-** Services included roadway design, drainage design, permitting, and plan preparation for 0.24 miles of paving improvements to Parkersville Road in Horry County, SC.
- ❑ **Frank Williams Drive-** Services included roadway design, drainage design, permitting, and plan preparation for 0.65 miles of paving improvements to Frank Williams Drive in Horry County, SC.
- ❑ **SCDOT On Call Environmental Permitting Services-** Provided permitting exhibits for numerous SCDOT projects that are part of Dennis Corporation's portion of work for SCDOT's On Call environmental services.
- ❑ **I20 Cross Slope Verification As-Built Plans-** Assisted in the plan preparation for as-built drawings for the cross slope verification of approximately 16.5 miles of I20 between Lee County, SC and Darlington County, SC. Plans were developed using laser scanning survey techniques to quickly and efficiently determine the tolerance levels of the cross slope corrections, and included cross sections shown every 100' on tangent and 50' on curves.
- ❑ **US 378 Wetland Permit Drawings-** As a sub-consultant to Tidewater Environmental Services, Mr. Watson provided an approximately 100 page permit drawing exhibit for 17.8 miles of roadway widening/realignment/improvements to US 378 in Florence County, SC.
- ❑ **SC 165/Deleamar Highway Safety Improvements/Alternatives Study-** Assisted and managed the proposed alternative study and design of safety improvements and widening to provide Dorchester County information to determine the cost & benefit to minimally widening and improving road conditions to SC 165/Deleamar Highway compared to a fully 5 lane widened section.
- ❑ **US 76 Bridge Replacement—** Assisted in the alternative analysis, design and utility coordination services for replacing the bridge along US 76 Bypass / US 521 intersection in northeast of Sumter, SC.
- ❑ **Six Mile Road Signal Design—** Assisted Traffic division with design and plan preparation for the signal design at the US 17/Six Mile Road intersection in Charleston, SC. Plans were to be prepared to include accommodations for the widening of US 17 which was bid as a separate project.
- ❑ **US 15 Bridge Replacement—** Assisted in the alternative analysis, design and impact study for replacing the bridge along US 15 south of downtown Sumter, SC.

- ❑ **US 17 Roadway Widening**— Assisted in the design and plan preparation of construction plans for widening 3.02 miles of US Route 17 in Charleston, SC. Mr. Watson also developed plans for use in utility coordination services for this project.
- ❑ **SC 802 Roadway Widening**— Assisted in preparation of construction plans, quantities, public hearing displays, and traffic signal plans for two sections of SC 802 to be widened. He also developed wetland permit plans for sections of minimal wetland impact and developed bid documents and provisions for this intergovernmental (SCDOT & Beaufort County) project.
- ❑ **Roddy Drive Pedestrian Bridge & Sidewalk**— Assisted with developing project plans, profiles, quantities, and incorporation of pre-fabricated bridge design into plans for construction.
- ❑ **Fairfield County 2006 C-Fund Roadway Improvements**— Assisted in preparation of Bid and Specification package for project letting. He also developed site aerials, site maps, photos, master road lists for proposals in addition to information packages for Construction Services personnel.
- ❑ **Brown Industrial Park Multi-use Path**— Assisted in developing typical section, quantities and cost estimates for several design options for the construction of a multi-use path. He also developed TE Grant Applications for the project.
- ❑ **Dutchman's Creek Pedestrian Walkway**— Assisted in surveying the site of a future parking lot and walkway for the Dutchman's Creek bridge on River Road in Fairfield County. Developed cost estimates and site aerials for the project. Additionally, he developed TE Grant Applications for the project, in addition to 30% and 60% plansheets. Assisted in usage of GPS equipment to locate monuments in accordance with USGS Data. Developed sidewalk and boardwalk plans. Developed cross sections and layouts of the roadway and proposed areas to include sidewalk and boardwalk along River Road, including grading lines for the proposed parking lot near the walkway.
- ❑ **Palmetto Commerce Parkway Extension**— Assisted in the development of alternate path solutions for the proposed extension of the Palmetto Commerce Parkway in Charleston, SC. This included analysis of the regions historical, archaeological, utility, and zoning information to determine possible roadway layouts, as well as calculation of proposed curve data.
- ❑ **Michelin Tire Lexington, SC Plant**— Assisted in conducting internal traffic studies within the plant. This included analysis of pedestrian, industrial, and various other types of traffic within the plant. The analysis was crucial for internal traffic improvements.
- ❑ **Amberly Road & 6th Street Sidewalk Improvements**— Assisted in design and plan production of plans to be used for construction and improvement of sidewalks for these streets located within Charleston, SC.
- ❑ **Fort Johnson Road Sidewalk Improvements**— Assisted in design and plan production of plans to be used for construction of over 2 miles of sidewalk, including roadway improvements within project.