

Tyler Strickland, P.E.

Operations / Business Development Manager



Experience

Tyler Strickland, P.E. joined Connelly & Wicker in 2004 and serves as the dual roles of Operations / Business Development Manager in the Destin office and Project Manager for Public Sector Design projects. Mr. Strickland has over 7 years of experience in Public Sector Design and Project Management in Florida. Mr. Strickland's Responsibilities include project management, analysis, design, permitting, and computer Aided Design work related to the preparation of contract plans for Transportation and Park projects.

Education

Associate of Arts, Okaloosa
Walton College, 1999

Bachelor of Civil Engineering,
Florida State University, 2001

Masters of Civil Engineering,
Florida State University, 2004

Registration

P.E. Florida # 65519

P.E. Georgia # 033031

P.E. Alabama # 29263-E

Projects

SR 30 (US 98) Resurfacing in Walton County – Project Manager and Engineer of Record responsible for all aspects of plans production including setting alignments, utility coordination, preparing cross-sections, ADA ramp designs, calculating quantities, and signing and pavement marking along this 1.6 mile milling and resurfacing project in Walton County. The project corridor is from the old US 98 alignment (CR2378) to the to the pavement change approximately six hundred feet west of Baytown Lane in Walton County.

SR 200 in Nassau County – Project Manager and Engineer of Record responsible for setting alignments, profiles, preparing cross-sections, pond design, storm sewer design, calculating quantities, super elevation and cross slope corrections, and all aspects of plans preparation along this project in Nassau County. This project consisted of complete rebuild from a four lane rural undivided road to a six lane divided urban roadway in Yulee Florida.

Cinco Bayou Town Engineer – Town Engineer responsible for reviewing all proposed engineering designs and development in the town of Cinco Bayou.

Hammock Bay Community Development District Engineer – District Engineer responsible for reviewing all engineering design work in the 3,000 acre mixed use development including residential area and commercial offices on Highway 20 in Freeport, Florida. Hammock Bay is located in Walton County.

Henderson Beach State Park – Project Manager and Engineer of Record responsible for designing and permitting new 214 space paved parking lot adjacent to the Gulf of Mexico, forming a T intersection on existing access road to existing beach parking lot, new restroom facility, four new picnic pavilions, and two dune crossovers.

Topsail Hill State Preserve – Project Manager and Engineer of Record responsible for designing and permitting of new Ranger station, 22' wide site entrance road, 16 cottages and access road, tent camp sites, playground, and upgrading of the pool area.

Miscellaneous Design Contract for Duval County – Project Manger and primary designer for the Cisco Gardens and Arden Street Projects. Responsible for setting alignments, profiles, preparing cross-sections, preliminary drainage, calculating quantities, turn lane design, signing and marking, and all aspects of plans preparation along this project in Duval County. These projects were drainage improvement projects.



Connelly & Wicker Inc.

Surveying • Planning • Engineering • Landscape Architecture

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Software Capabilities

Microstation V8 w/Geopak
2001 and 2004
Descartes / Raster Manager
FDOT Sitemenu
FDOT Electronic Delivery
Software
FDOT LRE Program
Transport
Geopak Drainage (2001 & 2004)
AutoCad
Autoturn
ArcExplorer
MathCad
MatLab

FDOT /Training

FDOT Design Updates
FDOT LRE
FDOT Electronic Delivery
FDOT Design Conference
ADA/Accessibility
Requirements for Highway
Design
Geopak Users Conference

Projects (continued)

SR 30 (US 98) Resurfacing in Okaloosa County – Project Engineer responsible for all aspects of plans production including setting alignments, utility coordination, preparing cross-sections, ADA ramp designs, calculating quantities, and signing and pavement marking along this 4.2 mile milling and resurfacing project in Okaloosa County. The project corridor is from Airport Road to the Walton County line. Designs include the addition of sidewalks and widening to incorporate re-stripping of bicycle lanes.

Shindler Drive in Duval County – Project Engineer responsible for all aspects of plans production including pond expansion, Storm Sewer design, setting alignments, preparing cross-sections, ADA ramp designs, calculating quantities, and signing and pavement marking along this roadway. This project consisted of a complete rebuild of a two lane undivided rural roadway to a four lane divided urban section. This project also included pond expansion and permitting.

Gulf to Bay Hwy PD&E Study - Served as Project Engineer responsible for the preparation of conceptual plans for alignment alternatives and other various preliminary engineering tasks for approximately 10 miles of new alignment of US 98 from Gulf County, Florida to Bay County, Florida.

Capital Region Community Development District Intersection improvements: Tharpe St. & Old Bainbridge / Midyette & Old St. Augustine / Appalachian Pkwy & Magnolia: Prepared CADD drawings of intersection improvements along with typical sections, cross-sections, and cost estimate. These improvements consisted of adding additional turn lanes. Assisted in location of utilities, signal plans, and utility pole relocating. Responsible for coordination with City of Tallahassee Traffic Engineering, C.O.T. Growth Management, Leon County Public Works, Surveyor, and Property Owners for all issues involving plans and permits.

ADA Survey and Evaluation- Directly involved in field reviews and preparing field review reports for several projects for the Florida Department of Transportation District Three. These projects included ADA surveys, resurfacing, rehabilitation, and restoration (RRR) projects as well as intersection improvement projects. Prepared final ADA evaluations for nine candidate projects.



Projects (continued)

Terra Dawn in Escambia County – Project Engineer responsible for setting alignments, profiles, preparing cross-sections, preliminary drainage, calculating quantities, turn lane design, signing and marking, and all aspects of plans preparation along this project in Escambia County. This project was a drainage and intersection improvement project that was constrained on one side by the railroad.

SR 228 Resurfacing and Intersection improvement in Duval County – Project Engineer responsible for all aspects of plans production along this milling and resurfacing project in Duval County.

SR 23 in Duval County – Project Engineer responsible for producing signing and pavement marking plans for the Normandy Blvd. Interchange on the new Branan Field Chaffee Road Connector from 103rd Street to I-10 in Duval County.

US. 98 Realignment in Gulf County - Served as project engineer responsible for setting alignments, profiles, preparing cross-sections, preliminary drainage, calculating quantities, signing and pavement markings, and all aspects of plans preparation for realigning approximately 3.7 miles of US 98 in Gulf County, Florida as well as all coordination with the surveyor, geotechnical sub., and site planner.

U.S. 90 Quincy Creek – Served as project engineer responsible for signing and pavement marking plans. Assisted in all aspects of plans production for approximately 1.7 miles of new alignment from US 90 to SR 12 in Gadsden County, Florida.

Gaines Street Realignment – Served as project engineer responsible for setting alignments, profiles, preparing cross-sections, and all aspects of plans production for 60% plans for realigning approximately 1.5 miles of US 371 in Leon County, Florida.

Sunpass – Calculate and prepare the monthly sunpass traffic report for the Florida Turnpike, which compares turnpike traffic volumes for dedicated sunpass lanes at specific toll plazas along the Florida Turnpike. Update and modify the Lane Operations Matrices and Configuration Sketches Manual. Produce various speed studies for specific plazas. Prepare graphic representations of hourly sunpass usage by plaza.

Palm Beach County Pavement Design- Resurfacing, Orange County — Prepared the Pavement Design Report and Typical Section Package for the FDOT Turnpike Office. The project included more than 4.5 miles of resurfacing on SR 91, Florida's Turnpike, in Palm Beach County.

