



## Commercial / Residential Projects

**Amelia Concourse** - Connelly & Wicker Inc. was retained by the Amelia Concourse Municipal Service Benefit Unit of Nassau County to design a 3.8 mile long 4-lane collector road to serve several developments in Nassau County. The projects served include **North Hampton**, **Amelia National**, **Flora Park**, and **Hampton Lakes**. The scope of services includes coordination with each of the developments to provide roadway entrances, stormwater management, potable water, re-use water and wastewater to each project.

**Deerfield Lakes Subdivision** - Completed conceptual design of a new subdivision to built around an existing golf course. The subdivision design includes drainage improvements to the golf course to provide a joint use storm water management system while enhancing the golf course.

**River Reach Condominiums** - Design for the reconstruction of the existing River Reach Apartments into a high end river front residential condominium. The scope of services includes participation in design charrettes to develop the overall design concept. Final design will include a storm water management system, site grading and utility design.

**St. Johns County Growth Management Center** - Retained to evaluate the entire St. Johns County Administration / County Courthouse Complex for traffic flow and parking requirements while taking into account the construction of a new Growth Management Center (Permitting) building at the south end of the complex. Scope of Services has been expanded to include construction documents for implementation of the recommended improvements along with the specific improvements required to support the new Growth Management Center building.

**St. Johns County Utility Department Building** - Connelly & Wicker Inc. was responsible for the site plans, grading & drainage plans, storm water management and utility services for a new 20,000 square foot office building to serve as the new headquarters for the St. Johns County Utility Department.

**St. Johns County Continuing Services (1999-to date)** - Project Director for a continuing contract that remains in effect through 2006. Thus far, projects have included a traffic study on Landrum Lane with subsequent turn lane improvements; design of Pope Road area drainage improvements; traffic analyses on the Julington Creek DRI; Rutile Road Bridge improvements, several sidewalk projects, CR A1A widening/drainage improvements in St. Augustine Beach, reconstruction of Russell Sampson Road, and design of a new storm-water management system for the North Beach subdivision in Vilano Beach.

## Experience

Rick Welch joined Connelly & Wicker, Inc. in May 1985 and has served as the firm's president since December 1999. He has extensive experience in many aspects of civil engineering in both the public and private sectors of development. As senior manager of the firm, He often serves in the capacity of Project Officer and/or Project Manager for major civil engineering tasks as well as providing quality assurance reviews and contract management.

## Education

Bachelor of Civil Engineering,  
University of Florida, 1985

Associate Arts Degree,  
Florida Junior College at  
Jacksonville, 1982

## Registration

Professional Engineer  
Florida, No. 40279, 1988  
North Carolina, No. 15308, 1988



**Connelly & Wicker, Inc.**

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**Lewis Pointe Plaza** - Project Engineer for a 100,000 square foot shopping center in [St. Johns County](#) including a 5-lane improvement to Lewis Point Road. Complete civil engineering services were performed including local and state permitting, construction observation and post-construction certification for water, sewer, and stormwater facilities.

**Gran Central Industrial Park Water & Wastewater Improvements, Bayard, FL** - Project Manager responsible for construction documents and permitting for over four miles of 12-inch wastewater force main along St. Augustine Road and over two miles of 16-inch water main on U.S. 1 extending city service to Gran Central Industrial Park at Bayard.

**Airborne Express Distribution Center** - Project Manager for improvements to an existing warehouse facility in Jacksonville, Florida. Prepared final design plans including the Grading and Drainage Plan as well as a Landscape and Irrigation Plan. Permitting services and cost estimates were also provided. Project included construction phase services.

**Taylor Correctional Institute** - Project Manager on the design of civil site-work including new water and wastewater plants, distribution and collection systems, an elevated water storage tank, roads, drainage, fencing, LP gas storage and distribution and related work for a 1200-bed facility in Taylor County for the Florida Department of Corrections.

**Imeson International Industrial Park** - Project Manager on the roadway designed to serve Malnove, Inc. This project included roadway and drainage improvements for the City of Jacksonville. The project also included extensive coordination with CSX Railroad, the developer and FDOT for two railroad crossings.

**Residential Developments** - Land planning site, stormwater and utilities design and permitting for [The Sanctuary](#) and [Riptide](#) developments in south Jacksonville Beach; [Payasada Estates](#), [Woodlands](#), [Morning Side](#), [Tides Edge](#), [Old Palm Valley](#), [Highland Forest](#), and similar developments in northeast St. Johns County. He has designed wastewater pumping stations and force mains for The Sanctuary, Crossroads, Old Palm Valley and others in Jacksonville Beach, St. Johns County and Walton County, Florida.

## Transportation Projects

**Russell Sampson Road Drainage Improvements** - Project Manager for the planning, design and permitting of 1.1 miles of roadway and drainage improvement for St. Johns County. The planning element included the realignment of the existing roadway, and determining the required land acquisitions necessary for the widened right-of-way and stormwater management facilities. The design elements involved roadway grading, stormwater management and collection, and utility relocates, traffic striping & signage, and maintenance of traffic.



**CR A1A/ Beach Blvd.- St. Augustine Beach- St. Johns County** - Project Manager for the design and construction phase services for this 3 lane reconstruction and widening project along 3,500 Linear feet of CR A1A. Design services included stormwater, utility and drainage improvements. Permitting agency coordination with St. Johns County Public Works Department, the City of St. Augustine Beach, St. Johns County Real Estate and St. Johns River Water Management District was also included in our scope of services.

**A1A Resurfacing - FDOT District 2** - Project Manager for 16.8 miles of resurfacing an existing 2-lane roadway in St. Johns County. The project scope included adding paved shoulders and permitting with the Florida Department of Environmental Protection for 2.5 miles of roadway seaward of the coastal construction control line. FDOT Project Manager - Nelson Bedenbaugh, P.E.

**SR 102 - Jacksonville International Airport South Access Road - FDOT District 2** - Project Manager for a new alignment 4-lane road to serve as the south access to JIA from I-295. The project is 1.7 miles long and includes a bridge over Pickett Branch. The stormwater management system utilizes 15-foot wide grass shoulders to provide the stormwater treatment, and the attenuation is accomplished in the roadside ditches. This stormwater management system eliminated the need for stormwater detention ponds. The project also included street lighting and landscaping. FDOT Project Manager: Nelson Bedenbaugh, P.E.

**SR 200 - FDOT District 2** - Project Manager responsible for this Reconstruction project in Nassau County. The project was a total of 11.0 miles long consisting of 2.5 miles of urban 4-lane and 8.5 miles of rural 4-lane from an existing 2-lane rural facility. The project included extensive land planning coordination with R/W appraisers and R/W agents. DOT Project Manager: Will Lyons, P.E.

**FDOT Weigh-In-Motion Station and Welcome Station Force Mains** - Project Manager for the design and construction phase services for upgrading an existing wastewater force mains to County Road 108, a new 6-inch wastewater force main on County Road 108 to US 17 and an 8-inch wastewater force main along US 17 to a point of connection on SR 200 in Yulee, Florida. This represents a total force main length of about 43,800 feet and the project is for United Water Florida. CWI provided construction administration and a full-time project observer.

**SR 9A (I-295) - Trout to I-95 - FDOT District 2** - Project Manager for the milling and resurfacing of six (6) miles of urban area interstate highway and portions of three state highways that have interchanges with I-295 for District Two of the Florida Department of Transportation. The resurfacing effort includes correcting inadequate superelevation along I-295. Sign structures were checked for clear zone and structural soundness. The signing and pavement marking plans will meet Elder User and Jacksonville Urban Area Signing Master Plan. Drainage structures were checked for clear zone criteria, ditch paving replaced where required and all fencing will be replaced.



FDOT Project Manager: Will Lyons, P.E.

**SR 5 (US 17) / Yellow Bluff Road - FDOT District 2** - Project Manager for the reconstruction of an existing intersection that had an accident history, indicating a need for a left turn lane for southbound SR 5 traffic turning to eastbound Yellow Bluff Road. A design alternative from the original scope was recommended and approved in order to avoid a R/W Corner Clip Parcel for the necessary intersection improvement. Under the FDOT, District Two Minor Projects Contract.

**SR 15 (US 1) / Ratliff Road - FDOT District 2** - Project Manager for the realignment of Ratliff Road from an existing intersection that had an accident history due to proximity to a high speed curve on US 1. The project is located 15 miles north of Jacksonville. Project scope included traffic signalization and intersection configuration analysis. Under the FDOT, District Two Minor Projects Contract. FDOT Project Manager - Jeff Bailey.

