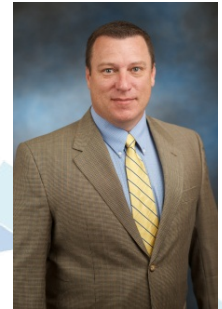


Duane K. Booth, P.E., President/Principal

Mr. Booth is a Licensed Professional Civil Engineer with 29 years of experience in designing, permitting and construction oversight for a variety of projects ranging from commercial and industrial sites, municipal facilities, large scale residential and multifamily projects to roadway design, community and regional parks, water and wastewater infrastructure, stormwater treatment, flood studies, borrow pit and mining projects. Permitting for such projects includes all Florida Water Management Districts, Florida Department of Environmental Regulation, Army Corp of Engineers, Florida Department of Transportation, local Counties and Municipalities. His project management experience covers conceptual project planning, development of construction documents and specifications, working closely with permitting agencies, value engineering, cost estimating, bidding, construction management and project close out. He oversees quality control to ensure clients goals and needs are met while adhering to local, state and federal codes and regulations. He often is the lead consultant/project manager overseeing other related disciplines needed for site related design, including electrical, structural, geotechnical, environmental, and architectural consultants in order to provide a complete package for clients. Mr. Booth is very involved in the local community and not for profit organizations and most recently was appointed to serve on the Lake County Transportation Alternative Funding Task Force (2008) by the Lake County Board of County Commissioners.

Select Projects:

- First Industrial** – Located within the Lake County Industrial Park, First Industrial is a 500,000 SF shipping and receiving trucking facility designed for one large user or 4 smaller tenant lease spaces.
- Publix Shopping Center at Kings Ridge** – This project included Publix as a shopping center anchor and at the time boasted the newest and largest prototype store for Publix. The center included over 60,000 SF of retail shops and 4 out parcels.
- South Lake Hospital & Women's Center** – South Lake Hospital included a 200 bed hospital with helipad, a later addition of a Women's Center for the care of women and children, and addition of a 3 story Doctors office space available for lease next to the hospital.
- Hickory Point Recreation Facility, Marina, and Soccer Complex** – Hickory Point is approximately a 60 acre recreation facility located on the north shore of Little Lake Harris owned by the Lake County Water Authority. Hickory point includes a large 2 story pavilion, 12 boat ramps, playgrounds and 5 premier soccer fields for the Lake County Club Soccer program.
- US 500 Utility Relocation** – This project was a JPA project between the City of Fruitland Park and FDOT to relocate water and sewer utilities along a 3.5 mile stretch of US 500 through the City to accommodate widening of the road from 4 lanes to 6 lanes.



Education:

B.S. in Civil Engineering,
University of Central Florida – 1987

Professional

Registrations:

- Florida #44631
- Georgia #32135
- S. Carolina #26215
- Tennessee #111447
- FDEP Stormwater Inspector #7947
- FDOT Certified-3.1, 3.2, and 7.1
- FDOT Advanced MOT Certified

Professional Affiliations:

- American Society of Civil Engineers
- Florida Institute of Consulting Engineers
- Florida Engineering Society

Experience Highlights:

- Commercial/Industrial Site Planning, Design
- Municipal Facilities
- Street & Highway Design
- Urban/Rural Subdivision Planning & Design
- Municipal Water & Wastewater Infrastructure Master Planning & Design
- Parks & Recreation Design
- Stormwater Design, Flood Studies, FEMA Map Revisions
- Borrow Pit and Mining Design

Community Involvement:

- Boy Scout Troop 277, Assistant Scout Master
- Lake Church Board of Directors, June 2007 to Present
- Habitat for Humanity, 1st Energy Star Certified Home in Lake County, Contributor and Volunteer
- Leadership Lake County, Class of 2008, President

Robert A. Ern, Jr., P.E., Vice President/Principal



Mr. Ern is a licensed Civil Engineer with over 22 years of experience in all aspects of utility design. He specializes in civil engineering project management and has applied his knowledge to a variety of utility related projects aspects and phases of design, from preliminary to final. His credentials include design and permitting of wastewater treatment plants, water treatment plants, sewage pump stations, water booster pump stations, collection, transmission and distribution systems, as well as master planning of utility facilities and impact fee studies. Mr. Ern also has extensive experience in the construction management of utility projects, multiple project delivery methods including Design/Bid/Build, Design/Build and Project Manager-at-Risk for both public and private clients. He also assists clients with funding utility projects through the State Revolving Fund Program. Mr. Ern has been the City Engineer for the Cities of Tavares, Mount Dora, Groveland, Howey-in-the-Hills and Minneola; providing design services as well as continuing engineering services including the creation of Utility Design Standards and Land Development Regulations. He is also thoroughly knowledgeable regarding development applications on behalf of his municipal clients to ensure compatibility with current codes and regulations.

Select Projects:

- **City of Mount Dora, Eastern Service Area WTP** - Engineer of Record for new 4.0 mgd water treatment plant. Treatment will include iron sequestration, aeration and disinfection. Plant also includes ground storage and VFD controlled high service pumping.
- **CSU Water Treatment Plant, The Villages** - Engineer of Record for new 4.32 mgd water treatment plant. Treatment includes forced draft aeration, pH adjustment and disinfection. Plant also includes ground storage and VFD controlled high service pumping.
- **SWCA Pump Station #3, The Villages** - Engineer of Record for new 5.76 mgd irrigation and fire protection pump station. Treatment includes influent screening, effluent filtration and disinfection. Pump station collects and treats stormwater runoff, which is supplemented by groundwater.
- **CSU WWTP, The Villages** - Engineer of Record for new 2.6 mgd wwtp. Treatment includes influent screening, anoxic/oxidation biological treatment, clarification, filtration and disinfection. Reclaimed water is utilized for golf course irrigation.
- **Northwest Regional Water Reclamation Facility, Hillsborough County** - BESH provided design for headwork structures and hydraulic calculations for flows through the structure to confirm capacity. Provided construction inspection services and prepared O & M manual.
- **Wooton Park Marina & Multi-Modal Downtown Redevelopment Project, City of Tavares** – Project Manager and Lead Designer for a waterfront events venue. Project highlights included children’s splash park, 84 slip marina with boat and seaplane fueling and mooring facilities, historical recreation of Woodlea House as a retail ship’s store, rail passenger station and historical recreation of Tavares Pavilion, a 2-story structure over the waters of Lake Dora.

Education:

B.S. in Civil Engineering, University of Central Florida - 1994

Professional Registrations:

- Florida #54013
- Alabama #28365
- Georgia #033701
- FDEP Stormwater Inspector #29648

Professional Affiliations:

- American Society of Civil Engineers
- Water Environment Federation
- American Water Works Association

Experience Highlights:

- Wastewater Treatment Plant Design and Permitting
- Water Treatment Plant Design and Permitting
- Potable Water Pumping Station Design
- Wastewater Pumping Station Design
- Hydraulic Modeling of Water Systems
- Collection, transmission, distribution and reclaimed water system design and permitting
- Design-Build Utility Construction
- Construction Engineering Inspection
- Cost Estimating
- Utility Master Planning
- Utility System Impact Fee Analysis

Community Involvement:

- Board of Directors, Florida Greenways & Trails Foundation
- Member, Tavares Chamber of Commerce
- Member, Mount Dora Chamber of Commerce
- Sponsor Member, Lake County League of Cities
- Florida Lake Watch Volunteer
- Leadership Lake County – Class of 2000

J. Michael Straughan, P.S.M., Secretary/Principal



Mr. Straughan is a Professional Surveyor and Mapper experienced in sectional surveys, boundary surveys, topographic surveys, mortgage surveys, as-built surveys, right-of-way surveys and specific purpose surveys. He has expertise in construction layout, subdivision layout and control as well as proficiency in legal research and the writing of legal descriptions. Mr. Straughan coordinates large networking projects utilizing GIS/GPS surveying technology. With 40 years of experience, he has successfully been the liaison between client and office to ensure excellent communication and client satisfaction. Mr. Straughan has coordinated and managed thousands of land surveying projects. He has the reputation of meeting and/or exceeding client expectations.

Select Projects:

•**South Lake Trail** – Scope of work included a record survey of existing conditions to include location identification of all constructed or fixed improvements and features within the survey area, identification and location of all relevant property information, such as deed lines, plat lines, designated roads, right-of-way lines, easements and other matters of public record referenced in the title report.

•**Hancock Road** - Scope of work included a record survey of existing conditions to include location identification of all constructed or fixed improvements and features within the survey area, identification and location of all relevant property information, such as deed lines, plat lines, designated roads, right-of-way lines, easements and other matters of public record referenced in the title report.

•**County Road 33** – This project was a PD&E study along a 2.5 mile section of CR 33, starting at SR 50 at the south end of the project to Simon Brown Road to the north. BESH was responsible for surveying the route within the limits of right-of-way to right-of-way along the route. The scope was the establishment of the right-of-way, tie seven subdivisions to the route base line and perform data collection of the topographic features along the route. Control was also established along the route for future surveying and/or construction purposes.

•**SR 19 PD&E Study** – The scope of this project includes setting 21 aerial targets to control aerial photography, horizontal positions and vertical elevations of 18 pond borings and 4 bridge borings for geotechnical support, and 12 cross sections along the project corridor.

Education:

Miami-Dade College, 1971-1973
Majored in Law

Miami-Dade Police Academy
1973. Graduated as a Dade Co.
Police Officer 1973-1977

Professional

Registrations:

- Florida #5309
- Alabama #9431-S
- FDOT Certified-8.1, 8.2, and 8.4 Work Groups

Professional Affiliations:

- Florida Society of Professional Land Surveyors
- Alabama Society of Professional Land Surveyors

Experience Highlights:

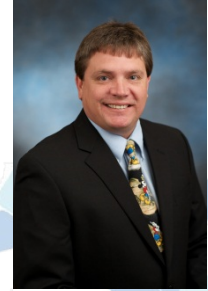
- Sectional Surveys
- Boundary Surveys
- Mortgage & As-Built Surveys
- Subdivision Layout and Control
- Topographic Surveys
- Highway Design and Right-of-Way Surveys
- Research Legal Documents
- Writing of Legal Documents

Community Involvement:

Retired From:

- Umatilla Youth League Football
- Umatilla High School Boosters Club
- Past Scoutmaster for Cub Scouts
- Umatilla Methodist Church Youth Leader

Charles C. Hiott, P.E., Treasurer/Principal



Mr. Hiott is a Civil Engineer specializing in the design and layout of residential and commercial sites including geometry, grading, drainage, and permitting. His project management experience encompasses preliminary and final design, value engineering, cost estimating, specification writing, bidding, and construction management. He participates in quality control to ensure compliance with local and state codes and adherence to the Client's needs. He coordinates with other related disciplines, including electrical, structural, geotechnical and architectural consultants in order to provide a complete package for clients.

Mr. Hiott is heavily experienced in civil engineering project management for a variety of related projects. He involves himself in all aspects and phases of design - from preliminary to final.

Select Residential Civil Engineering Projects:

- Shanti Niketan Condos** - Designed, permitted, and managed a 184 unit gated retirement community. This unique community is based on different regional cuisines from around the world. It is also based on the philosophy that as one ages, they would like to be surrounded by familiar food and people who share their same interests and native language.
- Kohl's Department Store, Eustis, FL** - Designed, permitted and managed a large scale LEED Certified office/retail development.
- Legacy of Leesburg, Leesburg, FL** - Designed, permitted and managed a 999 unit gated retirement community with clubhouse, recreation fields and commercial component. A portion of this development is on the Palatlahaha River.
- Lake Etowah, Eustis, FL** - Designed, permitted and managed a 245 unit gated subdivision on the shores of Lake Eustis.
- Mission Inn Golf and Country Club, Howey-in-the-Hills, FL** - Designed, permitted and managed a 300 unit gated subdivision with clubhouse, redesigned golf course, sales office and recreation fields.
- Harbor Hills Golf and Country Club, Lake County, FL** - Designed, permitted and managed a 350 unit gated subdivision with golf course, sales office and recreation facilities. This development is on the north west shore of Lake Griffin.
- Stonecrest Golf and Country Club, Summerfield, FL** - Designed, permitted and managed a 400 unit, gated subdivision with clubhouse, three golf courses, sales office and commercial out parcels.

Education:

Bachelors-Civil Engineering
University of Clemson, 1993
Associates-Civil Engineering
Technology
Trident Technical College, South
Carolina

Professional Registrations:

- Florida #54813
- N. Carolina #34011
- S. Carolina #26265
- FDOT Certified-3.1 and 3.2
- FDEP Stormwater Inspector #29659

Professional Affiliations:

- American Society of Professional Engineers
- Water Environment Federation
- American Water Works Association

Experience Highlights:

- Residential/Commercial site Layout,
Design and Permitting
- Stormwater Design
- Project Management
- Construction Management

Community Involvement:

- Golden Triangle Rotary, President
- Tavares Rotary
- Tavares Chamber of Commerce
- Florida Home Builders Assoc.
- Mount Dora Babe Youth
- Leadership Lake County - Class of 2010

Troy E. Mitchell, P.E. Project Engineer

Mr. Mitchell is a Civil Engineer experienced in a variety of utility and site related projects, having been involved in all aspects and phases of design from preliminary to final. Mr. Mitchell's experience includes design of water treatment plants, wastewater treatment plants, water booster pump stations, sewage pump stations, collection, transmission and distribution systems. He also has experience in the design of residential and commercial projects which include geometry, grading, drainage and permitting. Mr. Mitchell's project engineer experience encompasses preliminary and final design, value engineering, cost estimating, specification writing and bidding. He participates in quality control to ensure compliance with local and state regulations as well as coordinates with other related disciplines such as planning, electrical, structural, geotechnical and architectural consultants in order to provide a complete package for the Client's needs.

Select Projects:

- **Hillsborough Northwest Water Reclamation Facility** – provided design for headwork structures, and hydraulic calculations for flows through the structure to confirm capacity. Provided construction inspection services and prepared O & M manual.
- **Waterbrooke Lift Station, Clermont FL** - BESH was contracted to design a new lift station, capital water main, capital force main and reclaimed main. BESH is handling all permitting, construction bid documents as well as construction administration services.
- **City of Mount Dora, Eastern Service Area WTP** - Project Engineer for new 4.0 mgd water treatment plant. Treatment will include iron sequestration, aeration and disinfection. Plant also includes ground storage and VFD controlled high service pumping.
- **City of Tavares, Woodlea Road WWTP** - Project Engineer for the expansion of existing facility from 1.0 mgd to 3.0 mgd. Upgrade to tertiary treatment to supply re-use water. Removal of the 0.75 mgd Caroline Street WWTP from service. Facility was replaced with a pump station to convey all raw wastewater to the newly expanded Woodlea Road facility. Included in this flow diversion was approximately 12,000 linear feet of 16" force main. An effluent pump station and several capital re-use distribution lines were included in the scope of this project.



Education:

Bachelors of Science
Environmental Engineering
University of Central Florida – 1995

Professional Registrations:

- Florida #60190
- FDEP Stormwater Inspector #29647

Professional Affiliations:

- American Society of Civil Engineers

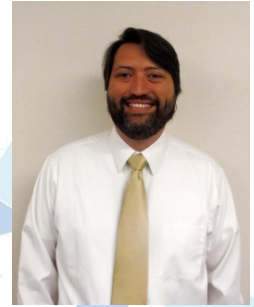
Experience Highlights:

- Wastewater Treatment Plant Design and Permitting
- Water Treatment Plant Design and Permitting
- Wastewater Pumping Station Design
- Collection, transmission, distribution and reclaimed water system design and permitting
- Army Corps of Engineers Dredge and Fill
- Street and Highway Design
- FEMA Permitting
- Residential/Commercial Site Design and Permitting
- Cost Estimating

Community Involvement:

- AWANA
- 4-H

Brett Jay Tobias, P.E., Project Manager



Mr. Tobias is a Licensed Professional Civil Engineer with 14 years of experience in designing, permitting and oversight for a variety of projects ranging from commercial and industrial sites, large scale residential and multifamily projects to roadway design, community and regional parks, water and wastewater infrastructure, stormwater treatment and flood studies. Permitting for such projects includes Florida Water Management Districts, Florida Department of Environmental Protection, Army Corps of Engineers, Florida Department of Transportation, as well as local Counties and Municipalities. His project management experience covers conceptual project planning and working closely with permitting agencies. He oversees quality control to ensure clients goals and needs are met while adhering to local, state and federal codes and regulations. Mr. Tobias is familiar with coordinating with other related disciplines needed for site related design, including electrical, structural, geotechnical, environmental, and architectural consultants in order to provide a complete package for clients.

Select Projects:

- **Brownwood Commercial Subdivision, The Villages, FL** - Master Stormwater Design and Permitting for the Brownwood Commercial Subdivision, featuring 30 plus acres of commercial outparcels, roadways and a community square.
- **The Villages District 9 & 10, The Villages, FL** – Master Stormwater Design and Permitting for approximately 5,000 acres featuring residential, roadway, golf and commercial development.
- **Publix at Grand Traverse, The Villages, FL** – Master Stormwater Design for a grocery store and attached shopping center with associated parking.
- **Pinellas Plaza, The Villages, FL** – Mater Stormwater Design for Pinellas Plaza, a grocery store with attached shopping center, parking and outparcels.
- **Oak Hammock Plaza, The Villages, FL** – Master Stormwater Design for a grocery store with associated parking

Education:

B.S. in Civil Engineering
University of Florida – 2003

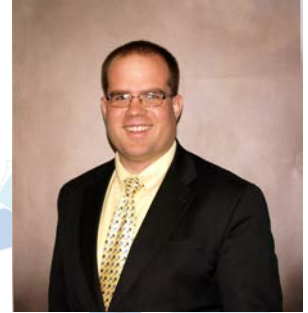
Professional Registrations:

- Florida #69071

Experience Highlights:

- Commercial/Industrial Site Planning and Design
- Street and Highway Design
- Urban/Rural Subdivision Planning and Design
- Municipal Water and Wastewater Infrastructure Master Planning and Design
- Parks and Recreation Design
- Stormwater Design, Flood Studies, FEMA Map Revisions
- Street and Highway Design

Michael C. Scullion, P.E., B.C.E.E., Project Engineer



Mr. Scullion is a licensed Environmental Engineer with 11 years of experience in utility design with a focus on Wastewater Treatment Plants, Lift Stations and Gravity Sewers. Mr. Scullion is not only proficient in environmental engineering project management but also in utility related projects with involvement in all aspects and phases of design from preliminary to final. His experience includes design and permitting of wastewater treatment plants, water treatment plants, sewage pump stations, collection, transmission and distribution systems as well as master planning of utility facilities. Additionally, Mr. Scullion has a thorough understanding in the construction management of utility projects and grant application development and funding. Mr. Scullion is experienced in multiple project delivery methods including Design/Bid/Build, Design/Build and Project Manager-at-Risk for both public and private clients.

Mr. Scullion also has extensive experience in the review of development applications on behalf of his municipal clients to ensure compatibility with current codes and regulations.

Select Projects:

•**Project Engineer, Water Reuse & Recovery Plant, Frito-Lay, Casa Grande, Arizona, 2008-2009** - Mr. Scullion was responsible for implementing used process water from a food & beverage industry facility to be treated to meet primary and secondary drinking water standards for reuse within the processing facility. The treatment train consisted of influent fine screening, primary clarification, biological treatment through a Modified Ludzack-Ettinger (MLE) Process, package membrane bio-reactor skids (MBRs), and low pressure reverse osmosis (LPRO) filtration. Solids are thickened or dewatered using centrifuges. Mr. Scullion assisted with the process mechanical design of the facility (prior to BESH).

•**Mud Creek Water Pollution Control Plant (WPCP) Upgrade and Expansion, Valdosta, Georgia, 2007-2012** - The Mud Creek WPCP was upgraded to meet increasingly stringent discharge requirements for surface water discharge. Upon completion of the expansion the 5.7 mgd facility employed a 5-stage Bardenpho process with UV disinfection in place of the existing chlorine gas system. Mr. Scullion assisted with the Design Development Report and final design of the expansion, including the influent pump station, mechanical screens and grit removal, and UV disinfection system. Mr. Scullion is also responsible for the review of shop drawings, requests for information (RFI) responses, preparation of design clarifications, and coordination of engineering services during construction (prior to BESH).

•**Project Manager, Arbennie Pritchett WRF Expansion, Okaloosa County, Florida** - Design project manager and engineer of record for the \$12.5 million design build of the expansion of the Arbennie Pritchett WRF. The expansion consists of the construction of an oxidation ditch, secondary clarifier, RAS pump station, UV disinfection train, and effluent pump (prior to BESH).

Education:

M.S. in Civil and Environmental Engineering, Ohio State University
- 2006

B.S. in Civil and Environmental Engineering, Ohio State University
- 2004

Professional Registrations:

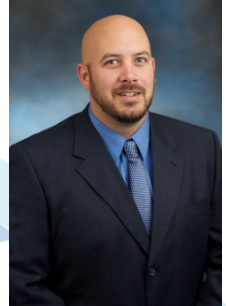
- Florida #70753
- Georgia #PE034914

Professional Affiliations:

- American Society of Civil Engineers
- Water Environment Federation
- American Water Works Association
- Board Certified Environmental Engineer
- American Academy of Environmental Engineers and Scientists

Experience Highlights:

- Wastewater Treatment Plant Design and Permitting
- Water Treatment Plant Design and Permitting
- Wastewater Pumping Station Design
- Collection, transmission, distribution and reclaimed water system design and permitting
- Design-Build Utility Construction
- Construction Engineering Inspection
- Utility Master Planning



Brad D. Publitz, E.I., Project Engineer

Mr. Publitz is a Civil Engineer specializing in the design of residential, commercial, and public sites including storm water management systems, utilities, geometry, grading and permitting. Mr. Publitz is also proficient in roadway design projects for FDOT, local counties and cities. His project management experience includes preliminary and final design, project coordination with local agencies and subconsultants, value engineering and construction management. He complies with all local and state codes and participates with quality control to provide the client with a product that will meet all their needs. His experience includes site layout, storm water management, water and sewer utilities, roadway design, utility coordination and permitting. Mr. Publitz routinely handles multi-phased projects that require coordination between multiple engineers agencies and other engineering disciplines. His roles often demand multi-tasking on FDOT roadway projects that include, geometry, grading, stormwater management, signage and striping, utility coordination, construction specifications and pay items and cost estimates.

Select Projects:

•**JB Ranch Subdivision, Marion County, FL** – This project was a 1,200 unit subdivision that included site engineering, permitting, utilities, drainage, construction administration and coordination with S.W. 95th Street.

•**Greenway Trail Phase 2, Stage 2 Land Bridge, Marian County** - The scope of services included engineering design, geotechnical investigation, permitting, and post design services associated with a two-lane roadway section with 11 foot lanes and 5 foot sidewalk within a varying right of way in Marion County.

•**SR 500, City of Fruitland Park** - This project included utility design for water and sewer lines impacted by the widening of SR 500. This project was a JPA with FDOT. Project involved plans, specifications and pay items to FDOT standards.

•**CR 455 Utility Extension** – Project Manager for engineering design, permitting, utility coordination, and post design services for the construction of Hartle Road from the existing terminus at Lake County Fire Station to the southerly boundary of the Waterbrooke project. BESH designed a four-lane divided, urban roadway with 4 foot bike lanes, 12.5 foot multipurpose trail and 5 foot sidewalk within a 120 foot right of way. Plans were designed to meet all Lake County and FDOT design requirements for 45 mph design speed. This project included utility design for water and sewer lines impacted by the widening of SR 500. This project was a JPA with FDOT. Project involved plans, specifications and pay items to FDOT standards.

Education:

Bachelors-Civil Engineering
Michigan State University – 2000

Professional Registrations:

- Florida, Engineering Intern
#1100008042
- FDEP Certified Stormwater Management Inspector #7950
- FDOT Work Experience in Work Groups 3.1, 3.2, and 7.1
- FDOT Advanced MOT Certified

Experience Highlights:

- Stormwater Management Design and Permitting for Residential/Commercial Sites
- Roadway Design, Layout and Permitting
- FDOT Certified Specification Training Seminar
- FDOT Webinars
- Residential/Commercial Site Layout, Design and Permitting
- Project Management

Community Involvement:

- Tavares Babe Ruth

Christopher B. Williams, Senior Designer



Mr. Williams is a Senior Designer with 30 years of experience in the design of water and wastewater treatment facilities, pump stations, collection, transmission, distribution and reuse systems. He is also experienced in the design and layout of commercial sites, including geometry, grading and drainage. Mr. Williams design experience encompasses preliminary through final design. He coordinates with other related disciplines including structural and architectural in order to provide a complete package for clients.

Select Projects:

•**N.S.U. Water Treatment Plant #3, The Villages** - Senior Designer for new 5.76 mgd water treatment plant. Plant design consisted of two potable, 12" wells with 2,000 gpm well pumps, a 1,500,000 gallon ground storage tank, a forced draft aeration system with two 2,200 gpm transfer pumps, a pH adjustment system, three VFD controlled high service pumps with a capacity of 2,500 gpm each, gas chlorination system, electrical and controls, a SCADA system and a high service pump and electrical building.

•**Woodlea Road WWTP, City of Tavares** - Senior Designer for the expansion of existing facility from 1.0 mgd to 3.0 mgd. Upgrade to tertiary treatment to supply re-use water. Removal of the 0.75 mgd Caroline Street WWTP from service. Facility was replaced with a pump station to convey all raw wastewater to the newly expanded Woodlea Road facility. Included in this flow diversion was approximately 12,000 linear feet of 16" force main.

•**Eastern Service Area WTP, City of Mount Dora** - Senior Designer for new 4.0 mgd water treatment plant. Treatment will include iron sequestration, aeration and disinfection. Plant also includes ground storage and VFD controlled high service pumping.

•**Northwest Regional Water Reclamation Facility, Hillsborough County** - BESH provided design for headwork structures and hydraulic calculations for flows through the structure to confirm capacity. Provided construction inspection services and prepared O & M manual.

Education:

Edgewater High School
Orlando, Florida - 1984

Experience Highlights:

- Wastewater Treatment Plant Design and Permitting
- Water Treatment Plant Design and Permitting
- Potable Water Pumping Station Design
- Wastewater Pumping Station Design
- Collection, transmission, distribution and reclaimed water system design and permitting
- Design-Build Utility Construction

Community Involvement:

- Surf Rider Foundation



Scott P. Harp, Senior Designer

Mr. Harp is a Senior Designer with 18 years of experience in the design of residential, commercial, private, and public sites. His designs include stormwater management systems, utility systems, geometry, grading and permitting. Mr. Harp is also well-versed in roadway design for FDOT as well as local counties and cities. His project management experience involves coordination with local agencies, subconsultants, and contractors from the preliminary to final design and on through final construction. His experience in site layout encompasses water and wastewater design, storm water management design, roadway design, signage and striping and grading. He ensures that all local and state codes are in compliance to deliver a product that meets the needs of the clients.

Select Projects:

- Lost Lake Apartments** - This project consisted of a 192 unit apartment complex that included site layout, grading, stormwater management system, and water and wastewater design.
- City of Clermont, Bowman Street** – This was a 0.30 mile roadway project that included a new stormwater management system, new stormwater treatment, remove and replace existing water and sewer lines, along with removing and replacing roadway and curb.
- City of Clermont, West Park Ball Fields** – The scope of this project included layout and design of a ball field complex consisting of 2 regulation little league fields, 1 practice field, concession building, batting cages, parking, utility design, grading and stormwater design.
- Sunset Avenue** – Sunset Avenue was a 2.0 mile 2 lane roadway widening, repair and resurfacing project for Lake County, FL and included stormwater treatment improvements.
- First Industrial** – Located within the Lake County Industrial Park, First Industrial is a 500,000 SF shipping and receiving trucking facility designed for one large user or 4 smaller tenant lease spaces.
- Wilson Lake Parkway** – This was a new 1.5 mile, 4 lane road, through the Estates at Cherry Lake in Groveland, dedicated to Lake County.

Education:

Bachelors of Business Administration
Freed-Hardeman University - 1999

Professional Registrations:

- FDEP Certified Stormwater Management Inspector #7966
- FDOT Certified-8.1, 8.2, and 8.4 Work Groups

Experience Highlights:

- Computer Aided Design and Drafting
- Stormwater Systems Design and Permitting
- Water and Wastewater Systems Design and Permitting
- Residential/commercial Site Layout, Design and Permitting
- Project Management

Community Involvement:

- Metro Church
- Eustis Elementary School



Becky Gallion, Senior Designer

Becky is a Senior Designer with 24 years of experience in all aspects of civil design of commercial and residential sites. Her responsibilities include the layout and design of site plans and residential construction plans, including utility and stormwater systems, grading plans, plan-profiles, and x-sections. Becky is also familiar with preliminary plats, final plats, legal descriptions, topographic maps, site exhibits, flow diagrams and structural drawings.

Select Projects:

- Grand Oaks Manor** – a 100 acre residential development in Sumter County. Construction plans including phasing, grading, stormwater, geometry, striping & utilities.
- St. Mark the Evangelist Church** – Church site improvement & expansion. Construction plans including phasing, grading, geometry, striping & utilities.
- CR 42 Widening and Force Main Extension** – The multi- phased County Road widening project and separate County Road Force Main Extension. Team member preparing construction plans including plan/profile & utility design.
- Ocala Meadows Farms** – A 1,200+/- acre Marion County development consisting of residential, clubhouse, golf course, WWTP & WTP. Preparing FDOT connection plans, construction plans, exhibits & various details.
- The Villages, Multiple Residential Units & Roadways, Citizens First Bank** – A world renowned retirement community in Lake, Sumter & Marion Counties. Team member preparing golf course master grading plans, multiple residential units & internal roadway construction plans and site plan preparation and design.
- The Villages Regional Medical Center** – The multi phased site development of the Medical Center complex. Prepared construction plans including site grading, geometry and utility design. Also, planning & phasing plan exhibits.

Education:

A.S.-Commercial Art, Florida Metropolitan University - 1998

A.A.-Brevard Community College
1991

Studied Civil Engineering-
University of Central Florida –
1992 to 1995

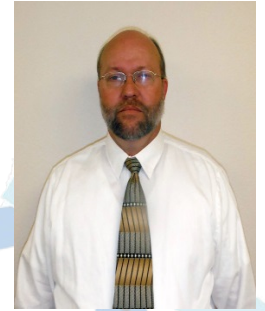
Experience Highlights:

- AutoCAD Civil 3D Design and Drafting
- Stormwater System Design
- Water & Wastewater System Design
- Master Grading Design
- Commercial Site Layout and Design
- Residential Subdivision Layout and Design

Community Involvement:

- Lake County Hoops
- Clermont Parkrun

Mark Miller, Senior Designer



Mr. Miller is a Senior Designer with 27 years of experience in the design of residential, commercial, private, and public sites. His design encompasses the necessary stormwater management systems, utility systems, geometry, grading and permitting. Mr. Miller is also experienced in roadway design for FDOT as well as for local counties and cities. His project management experience involves coordination with local agencies, subconsultants, and contractors from the preliminary design to final design, and on through final construction. His site layouts encompass water and wastewater design, storm water management design, roadway design, signage and striping, and grading. He ensures that all local and state codes are in compliance to deliver a product that meets the needs of the clients.

Select Projects:

- Magnolia Pointe Subdivision, Clermont, FL** – This project consisted of custom-built homes, lake front homes, townhomes, and condominiums. This project required mass grading, site layout, grading, stormwater management system, along with water and wastewater design.
- Master Planning District Utilities – The Villages, FL** – This project consisted of designing the main utilities, potable water, reclaimed water, gravity sewer systems and force mains.
- The Villages Charter Schools, The Villages, FL** – This project consisted of the redesigning/added improved traffic flow within the complex. These projects required mass grading, site layout, grading, stormwater management system, along with water and wastewater design.
- County Road 466A, The Villages, FL** – This project was a 4.25 mile roadway project that involved removing the existing two lanes of pavement and designing a four lane boulevard.
- County Road 42, The Villages, FL** – This project was a 3.25 mile roadway project that involved removing the existing two lanes of pavement and designing a four lane boulevard.

Education:

Leesburg High School - 1987

Experience Highlights:

- Computer Aided Design and Drafting
- Stormwater Systems Design and Permitting
- Water and Wastewater Systems Design and Permitting
- Residential/commercial Site Layout, Design and Permitting
- Project Management

Bradley K. Minnix, P.L.S., Project Manager



Brad Minnix has been a Professional Land Surveyor for 37 years and specializes in error theory, National Spatial Reference System, map projections and datum conversions. He also has extensive experience working with the Public Land Survey Systems, computer aided design and mapping, GPS surveying and processing, Least Squares Adjustment and boundary surveying. Brad has worked with city, county and state agencies on capital improvement projects, public facilities mapping and the acquisition of conservation and recreational lands. He has worked with the private sector on all phases of surveying and mapping for the development of subdivisions, shopping centers, manufacturing plants and mining operations. Brad has worked with attorneys and title insurance companies while performing ALTA boundaries, investigating title issues and accident investigations. Before commercial software was available for surveying, Brad developed coordinate geometry and cad programs for both handheld and office computers. He also developed the workflows to make the most efficient use of these tools. Always an early adopter of new technology, he was the first to use electronic theodolites and GPS receivers in the North Lake County area. He also adopted the routine use of state plane coordinates and grid bearings for cadastral surveying before the county had established a county wide control network.

Select Projects:

- Sumter Cement Manufacturing Plant, Center Hill, FL** - Mapped all of the wetlands on the 1,250 acres site, established the control network for a \$40 million cement plant. Staked and documented the location of 220 pilings over the 60 acre plant site.
- Wekiva CARL Acquisitions, Lake County, FL** - Project Manager in the acquisition of 8,000 acres of Conservation and Recreational Lands by the State of Florida.
- Florida Rock Industries, Polk City Mine** – Set targets for the control of an aerial topographic survey of the 600 acre site. Located wetlands and performed transects across 2 miles of marsh for an environmental study of a proposed access road.

Education:

Associate in Science Degree in Mechanical Engineering and Computer Science – Lake-Sumter Community College - 1976

Professional Registrations:

- Florida Surveyor & Mapper #4559

Professional Affiliations:

- Florida Society of Professional Land Surveyors

Experience Highlights:

- Provided quality control monitoring of a fire safety project at Cape Kennedy Space Center.
- Developed Coordinate Geometry and CAD programs for several survey companies.
- Extensive experience with projections, datum conversions and state plane coordinates.

Community Involvement:

- Ocala Mountain Bike Association
- Big Scrub Trail Riders

Travis R. Skinner, Survey Technician

Travis is a professional draftsman with 21 years of experience working for his project managers in the timely preparation of sectional surveys, topographic surveys, as-built surveys, right-of-way surveys as well as specific purpose surveys. Travis is well-versed in preparing construction layout, subdivision layout and control. Travis brings to all his assignments the willingness to serve and to coordinate large projects between the field, the office and most importantly to you, the client.

Select Projects:

•**Municipal Improvement Projects, City of Tavares** – Multiple projects pertaining to the development of City of Tavares' infrastructure and improvements to tangible assets for public use. Responsible for the translation of field collected data into Topographic Survey maps for use by engineers in preparation of design documents.

•**Leesburg Regional Airport Air Traffic Control, Leesburg, FL** -

Modification of land based facilities and the construction of an Air Traffic Control tower to meet regulatory requirement for allowance of International air travel. Responsible for the precise calculations to relate construction document data into exact layout dimensions for the geospatial layout of the Air Traffic Control Tower.

•**Sugarloaf Mountain Development, and Golf Course, Minneola, FL** - Development of pristine pasture land with into a top rated Residential Community and Golf Course. Responsible for the staging of field crew personal performing the field staking of design data.

•**City of Clermont, Submerged Land Lease** - Following Florida Department of Environmental Protection Agency guidelines in the preparation of seven Submerged Land Leases used by the City of Clermont. Responsible for communication with Florida DEP personnel and preparation of a set of drawings following a detailed checklist that allows for the accusation of a Sovereign Submerged Lands Lease from Florida Department of Environmental Protection Agency.



Education:

Major in Architectural Engineering, ITT Technical Institute, Indianapolis, Indiana 1993

Professional Registrations:

•FDOT Certified-8.1, 8.2, and 8.4 Work Groups

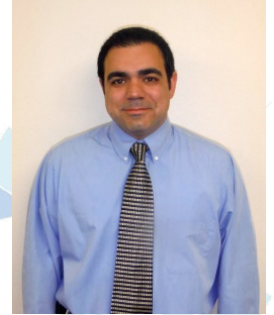
Experience Highlights:

- Production of AUTOCAD and other electronic files containing project information as to the following types of survey and engineering related projects.
- As-Builts Surveys
- Submerged Land Lease
- Subdivision Layout and Control
- Construction Layout
- Topographic Surveys
- ALTA/ACSM Boundary Survey
- Hydrographic Surveys
- Specific Purpose Surveys
- Highway Design & Right-of-Surveys
- Research Legal Documents
- Coordinate Geotechnical Data
- Preparation of Legal Descriptions
- Liaison between Field Crew, Project Manager and Client

Community Involvement:

- Relay for Life
- Lead for Financial Peace University

Jeremy Jacobs, Survey Technician



Jeremy is a professional draftsman with 12 years of experience in the land surveying and engineering fields. During this time he has performed a variety of surveys including ALTA Surveys, As-built Surveys, Topographic Surveys, Hydrographic Surveys, and Boundary Surveys. Jeremy works closely with the land surveyors and engineers to ensure quality control and customer satisfaction.

Select Projects:

- **Martin's Preserve Subdivision** - Development of a twenty lot residential subdivision in Orange County. Responsible for working with the developer from the planning stages by drafting plot plans to coordinating with the field crews for construction layout. And finally to producing as-built plans and boundary surveys as a final product for the purchase and sale of high-end residential lots.
- **ShantiNiketan** - A senior condominium development located in Tavares. Responsible for creating as-built surveys for each newly constructed building, as well as, coordinating field crews for construction layout.
- **Municipal Improvement Projects, City of Umatilla**, - Multiple projects relating to the updating of the City of Umatilla's infrastructure and improvements to tangible assets for public use. Responsible for the translation of field collected data into Utility Maps for use by engineers in preparation of design documents.
- **Vernon Dam, Vernon, VT**- Topographic and Hydrographic Vernon Dam; with the purpose of measuring erosion of the bank. Responsible for collecting field data and translating field data into topographic data showing both the depth of the spillway and erosion of a nearby bank. Submitted to the client was a plan set showing overall topography of the spillway and a cross-section showing varying degrees of erosion, so that appropriate environmental steps could be taken to slow erosion of the bank.

Education:

Eastern Main Technical College,
Major-Computer Aided Design
and Drafting, Bangor, Maine 2004

Professional Registrations:

- ATC Certified in AutoDesk Civil 3D 3009 (Civil 3D 2009 Essentials Course Completion)

Experience Highlights:

- Production of AUTOCAD and other electronic files containing project information as to the following types of survey and engineering related projects.
- As-Built Surveys
- Subdivision Layout and Control
- Construction Layout
- Topographic Surveys
- ALTA/ACSM Boundary Survey
- Hydrographic Surveys
- Specific Purpose Surveys
- Highway Design & Right-of Surveys
- Research Legal Documents
- Liaison between Field Crew, Project Manager and Client