



LAKE COUNTY

RSQ 22-902

PROFESSIONAL ENGINEERING DESIGN SERVICES FOR
WEKIVA TRAIL, SEGMENT 1

01. VENDOR PROFILE



October 7, 2021

Lake County BCC
315 West Main St.
P.O. Box 7800
Tavares, Florida 32778

RE: RSQ 22-902 Professional Engineering Design Services for Wekiva Trail, Segment 1

Dear Members of the Evaluation Committee:

The importance of trails, parks, and recreation has been highlighted during the past year and a half as demand has significantly increased during the COVID-19 pandemic. This project is an opportune moment to harness that momentum and make Lake County even more walkable and bikeable. Trails have revitalized communities throughout Florida and have brought a higher standard of living to the communities they serve. In support of expanding Lake County's trail system, Halff Associates, Inc. (Halff) is pleased to submit our team's qualifications and recommended approach for completing the Professional Engineering Design Services for Wekiva Trail, Segment 1.

Our planners, landscape architects, and transportation engineers have partnered with many communities across the Southern U.S. and Florida to plan and develop more comfortable, safe, and beautiful places to walk and ride. Each strategy is uniquely tailored to the needs and opportunities of their residents. Our team has been developed to combine significant local knowledge, along with strong national transportation expertise throughout our firm. As such, we offer the following key benefits to you and the residents of Lake County:

- **Decades of trail experience throughout Florida and beyond.** Our work has included planning and design for communities of all sizes, many similar to Lake County in size and types of roadway conditions, providing our team with the depth of experience and understanding of what works. Our team has extensive experience in all survey, right of way mapping, design, and public outreach services described in your request for qualifications.

We have assisted the Florida Greenways and Trails Foundation with marketing opportunities to link a series of existing non-continuous trails into connected greenways, including the Shared Use Non-motorized (SUN) Trail system across Florida.

- **Local and responsive team.** We have assembled a local team, with national knowledge, that can promptly identify potential challenges and provide practical and efficient solutions. It is our goal to ensure Lake County receives the highest level of attention and professional services that facilitates a comfortable project development process. The Halff team is comprised of many names that should be familiar to the County. These proven professionals have teamed with Lake County on numerous, successful projects:
 - **Principal-in-Charge, Duane Booth, PE,** brings more than 34 years of experience in designing and managing projects within Lake County and Central Florida. Duane is a proven Team Leader that led the previous team of Booth, Ern, Straughan, & Hiott (BESH), which was awarded this very same project back in 2017 and completed scoping and fee discussions. Working with Lake County Public Works for more than three decades, Duane has demonstrated that a passion for projects (and a hands-on approach from a Principal-in-Charge), leads to projects completed on time, on budget, and constructed with minimal to no change orders. Duane has successfully managed numerous FDOT LAP projects for Lake County, including the award winning CR 561/CR 455 Roundabout project.

HALFF ASSOCIATES, INC.

902 N. SINCLAIR AVE.
TAVARES, FL 32778

TEL (352) 343-8481
WWW.HALFF.COM

— With more than 22 years of experience, 17 of which were conducted working alongside Duane, **Brad Bublitz, EI**, will serve Project Manager. Brad has established great relationships and has developed an unprecedented understanding of what Lake County Public Works and Lake County Parks and Trails wishes to see on their projects. Working with George Gadiel (CR 455), Seth Lynch (Max Hooks Road), and Roberto Bonilla (South Lake Regional Park), along with numerous other projects that are highlighted in this submittal, Brad has consistently provided Lake County with exceptional engineering services and project management that have resulted in completed, successful projects.

- **Strong staff capacity and ability to perform.** With more than 160 employees in Florida and 1,080 company-wide, Halff has ample resources to allocate to this project. The addition of our talented, local subconsultants provide even more depth of staff to expedite this project. We will commit the experience and creativity of a core team of engineers, planners, landscape architects, and architects to work side-by-side with Lake County to respond to its goals and objectives. Our approach is a collaborative and innovative process that is tailored to each project, with a focus on client and stakeholder engagement and deliverance of detailed professional products with strong implementation strategies.

Sincerely,
Halff Associates, Inc.



Duane Booth, PE
Vice President
As the signatory of this RSQ, I am authorized to bind Halff Associates, Inc.

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ENR
TOP 500
RANKING
NO 102

Halff is ranked #102 in *Engineering News-Record Magazine's* list of the top 500 design firms in the United States.

Halff has been providing services for both public and private sector clients for more than 70 years. With landscape architects, arborists, planners, and engineers on staff, we have experience in tackling the most difficult and challenging projects. Our professionals achieve excellence through strong dedication and enthusiasm toward their respective professions. We achieve project goals and objectives that are functional, environmentally sensitive, easily maintainable, aesthetically pleasing, and within budget/schedule constraints.



OUR COMMITMENT TO YOU

- Proactively seek the best creative solutions to meet Lake County's needs
- Focus on delivering excellence and exceptional value to Lake County
- Practice ethics at all levels based on the standards of our profession and on the principles of fairness, integrity, honesty, and respect
- Continue to pursue innovative technological skills to improve the quality of our services

Firm Profile/Firm History

FIRM PROFILE/FIRM HISTORY

Halff Associates, Inc., is an employee-owned full-service engineering and architecture firm headquartered in Richardson, Texas. The firm was founded in Dallas in 1950 by Albert H. Halff, PhD-Eng., PE. Today, Halff Associates preserves Dr. Halff's legacy of integrity, dedication to client service, and commitment to quality. The firm provides services throughout the Southeast and Southwest from 25 offices in Florida, Texas, Oklahoma, and Louisiana. The firm's staff of 1,080 includes engineers, architects, planners, scientists, and surveyors. *Our Lake County office, located at 902 North Sinclair Avenue in Tavares, will serve as the primary office responsible for the project management, coordination, and administration of this contract with support from Halff's other Florida locations. We are a progressive firm committed to providing value with creative solutions to design challenges.*

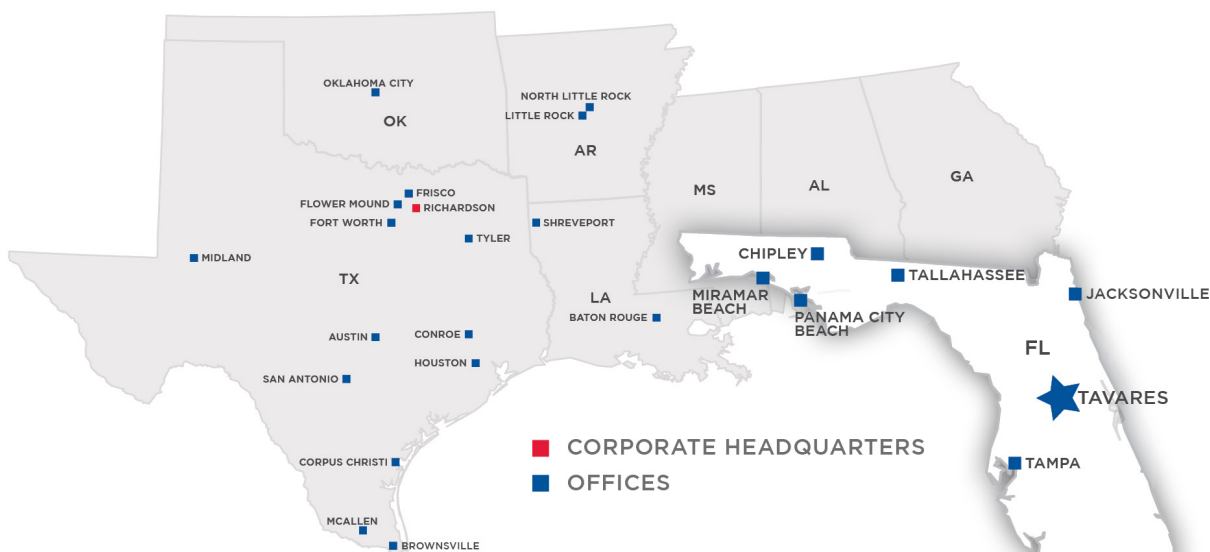
SERVICES PROVIDED BY HALFF INCLUDE:

- Architecture
- Construction Services
- Environmental
- Geographic Information Systems

- Intelligent Transportation Systems
- Land & Site Development
- Mechanical/Electrical/Plumbing Engineering
- Oil & Gas
- Planning & Landscape Architecture
- Public Works
- Right of Way Acquisition
- Software Development
- Structural Engineering
- Subsurface Utility Engineering/Utility Coordination
- Surveying
- Transportation
- Visualization
- Water Resources
- Water/Wastewater

MBE/DBE

Halff is not a MBE/DBE firm; however, we are committed to providing opportunities to MBE/DBE firms, through a proactive approach of identifying MBE/DBE subconsultants and incorporating them into our project teams in meaningful roles.



★ **Office Location:** 902 N. Sinclair Ave | Tavares, FL 32778

Point of Contact: Brad Bublitz, EI | Project Manager

bbublitz@Halff.com | (352) 557-9208

EXPERIENCE WITH LAKE COUNTY

Halff's design team has successfully executed projects for both Lake County and the City of Mt. Dora for many years, and have been trusted with some of their largest and most complex recreation projects. Our team member, GAI Consultants, Inc. (GAI), selected Halff as the Engineer of Record on every project completed and currently underway for Lake County Parks and Trails under GAI's continuing landscape architectural services agreement.

The relationship with County Parks and Trails began more than 12 years ago with the design of East Lake Community Park. Since then, the team has been providing those same services to the County on park and trail projects ranging from the \$20 million South Lake Regional Park to safety modifications for South Lake and Hancock Trails. The Halff/GAI team is currently designing three projects for Lake County including East Lake Park Phase II, the passive Pine Meadows Conservation Area, and the partial re-alignment of a segment of the South Lake Trail.

In addition to our County experience, we are actively working with the City of Mt. Dora on three park projects

currently in various stages of completion. One of these projects, Lincoln Community Park, required extensive public participation with many of the same stakeholders that will be involved in this project. We have developed a detailed methodology of inclusion that gives residents an opportunity to participate in the design process. We recently presented our preliminary thoughts on the expansion and redevelopment of that aging facility and are now in the process of making design modifications based upon public input. Two other park projects are also currently being completed for the City. To date, our greatest effort for Mt. Dora was the completion of their Citywide Park System Master Plan, recommending expansions and modifications to the current park system to provide adequate recreation opportunities as the city continues to grow over the next 20 years.

The experiences with both the County and the City have given our team the opportunity to meet and develop relationships with City and County leaders who have grown to trust us to deliver on the promises made to elected officials, staff and residents. Halff and the GAI team are not unknown entities; rather we have become trusted partners in the advancement of their recreation inventory of which trails are a significant part.



Ribbon cutting ceremony for the Marjorie Harris Carr Cross Florida Greenway Landbridge Phase Paved Recreational Trail. On the far right is Principal-in-Charge, Duane Booth, PE.

Licenses

State of Florida Department of State

I certify from the records of this office that HALFF ASSOCIATES, INC. is a Texas corporation authorized to transact business in the State of Florida, qualified on November 6, 2018.

The document number of this corporation is F18000005458.

I further certify that said corporation has paid all fees due this office through December 31, 2021, that its most recent annual report/uniform business report was filed on January 19, 2021, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Nineteenth day of January,
2021*



Ronald R. DeSantis
Secretary of State

Tracking Number: 8853921420CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

September 28, 2021

Mark Llewellyn, Executive Vice President
HALFF ASSOCIATES, INC.
1201 North Bowser Road
Richardson, Texas 75081

Dear Mr. Llewellyn:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 2 - Project Development and Environmental (PD&E) Studies
- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design
 - 3.3 - Controlled Access Highway Design
- Group 4 - Highway Design - Bridges
 - 4.1.1 - Miscellaneous Structures
 - 4.1.2 - Minor Bridge Design
- Group 6 - Traffic Engineering and Operations Studies
 - 6.1 - Traffic Engineering Studies
 - 6.2 - Traffic Signal Timing
 - 6.3.1 - Intelligent Transportation Systems Analysis and Design
 - 6.3.2 - Intelligent Transportation Systems Implementation
 - 6.3.3 - Intelligent Transportation Traffic Engineering Systems Communications
 - 6.3.4 - Intelligent Transportation Systems Software Development
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.2 - Lighting
 - 7.3 - Signalization
- Group 8 - Survey and Mapping
 - 8.1 - Control Surveying
 - 8.2 - Design, Right of Way & Construction Surveying
 - 8.4 - Right of Way Mapping

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- Group 10 - Construction Engineering Inspection
- 10.1 - Roadway Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection
 - 10.4 - Minor Bridge & Miscellaneous Structures CEI
 - 10.5.1 - Major Bridge CEI - Concrete

- Group 13 - Planning
- 13.4 - Systems Planning
 - 13.5 - Subarea/Corridor Planning
 - 13.6 - Land Planning/Engineering

- Group 14 - Architect

- Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2022, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
169.30%	127.58%	0.406%	Reimbursed	No	3.02%	6.25%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

Safety, Mobility, Innovation
www.fdot.gov




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11:45:06 AM 2/4/2021

Licensee Details

License Information

Name:	HALFF ASSOCIATES, INC. (Primary Name) BESH HALFF (DBA Name)
Main Address:	1201 N BOWSER RD RICHARDSON Texas 75081
County:	OUT OF STATE
License Mailing:	
LicenseLocation:	

License Information

License Type:	Registry
Rank:	Registry
License Number:	33380
Status:	Current
Licensure Date:	09/12/2019
Expires:	

Special Qualifications

Special Qualifications	Qualification Effective
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Alternate Names



Tremain Street Bridge

References Form

ATTACHMENT 2 – REFERENCES FORM

22-902

List no more than five projects which best illustrates qualifications relevant to the Solicitation. References must be less than five years old. LIST no more than two LAKE COUNTY GOVERNMENT PROJECTS (past, current, prime, and subcontractor) FIRST.

Halff Associates, Inc.

PROJECT NAME: Marjorie Harris Carr Cross Florida Greenway, Landbridge Phase Paved Recreational Trail

Agency: Marion County, FL

Address: 2631 SE 3rd Street

City, State, Zip code: Ocala, FL 34471

Contact Person: H. Elton Holland, PE

Title: Transportation Engineer

Email: Elton.holland@marioncountyfl.org

Telephone: 352-671-8681

Project Cost: \$3,300,000

Contract Start and End Dates: 2016-2018

SCOPE of Project (list tasks, outlines or descriptions of items): This was a design/build project for a 6-mile segment of the Greenway Trail system. Halff provided design, permitting, and construction services for a 12-foot wide, multi-use paved trail, that also included the design and construction of a tunnel crossing at CR 484. Accommodations for all trail users (equestrians, hikers, bicyclists, horse-drawn carriages) were incorporated into the design with special consideration given to safety at all crossings with signage and striping. Due to the environmentally sensitive nature of the trail corridor, minimizing potential impacts from grading and horizontal alignments were incorporated into the design.

PROJECT NAME: Max Hooks Road

Agency: Lake County, FL

Address: P.O. Box 7800, 350 N. Sinclair Ave

City, State, Zip code: Tavares, FL, 32778

Contact Person: Seth Lynch

Title: Development Engineer/Project Manager

Email: slynch@lakecountyfl.gov

Telephone: 352-253-9052

Project Cost: \$2,250,000

Contract Start and End Dates: 2019 - Ongoing

SCOPE of Project (list tasks, outlines or descriptions of items): Halff is providing engineering design, surveying, permitting, utility coordination, project administration, and post-design services for the construction of Max Hooks Road from SR 50 to the northerly boundary of the Cypress Lakes Reserve Property. Design is for approximately 3,000 LF of a 2-lane roadway. Approximately 1,100 LF of the roadway will be designed with a 2-lane closed drainage system and the remaining 1,900 LF will be a 2-lane open drainage system. The closed roadway system design has storm water inlets and pipes that outfall into a retention area which Halff will design,

ATTACHMENT 2 – REFERENCES FORM**22-902**

and the open roadway system has roadside swales that handle the storm water runoff. A 10-foot multi-use trail was designed along the roadway for connection to the park and includes a mid-block crossing.

PROJECT NAME: CR 455 Extension Hartle Road

Agency: Lake County BOCC/Mattamy Homes

Address: 315 West Main Street, Suite 441

City, State, Zip code: Tavares, FL 32778

Contact Person: Seth Lynch

Title: Project Manager

Email: slynch@lakecountyfl.gov

Telephone: 352-253-6000

Project Cost: \$2,535,000

Contract Start and End Dates: 2017-2019

SCOPE of Project (list tasks, outlines or descriptions of items): Halff provided engineering design, permitting, utility coordination, and post-design services for the construction for Hartle Road from the existing terminus at Lake County Fire Station to the southerly boundary of the Waterbrooke project. Design was for 4,400 LF of 4-lane roadway. Halff designed a 4-lane divided, urban roadway with 4-foot bike lanes, 12.5-foot multi-purpose trail, and a 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.

PROJECT NAME: St. Marks Trail Connection

Agency: FDOT District Three

Address: Highway 90 East

City, State, Zip code: Tallahassee, FL 32428

Contact Person: Pam Miner

Title: Project Manager

Email: pminer@moffattnichol.com

Telephone: 850-845-0325

Project Cost: Professional Services Fee: \$312,000

Contract Start and End Dates: 2019-2020

SCOPE of Project (list tasks, outlines or descriptions of items): Halff provided landscape improvements along a recently constructed multi-use trail beginning at Wakulla High School extending east approximately 12 miles terminating into the historic St. Mark's Trail. The trail crossed through forested rural areas, in front of businesses, residences, a boat launch, and crossed US 98 at multiple locations. Landscape design focused on providing safety for the users by utilizing selective clearing to not only remove nuisance and exotic species from the site but to improve visibility and therefore increase safety for the users. Safety was also considered at trail crossings as plantings were used to alert users of potential pedestrian/vehicular conflicts. Fall color and wildflower areas along the trail were included for visual interest. Extensive public involvement was provided to learn and incorporate the vision of the client and other stakeholders.

ATTACHMENT 2 – REFERENCES FORM

22-902

PROJECT NAME: Triple Creek Community

Agency: Greenpoint Communities, LLC

Address: 7807 Baymeadows Rd E, #205

City, State, Zip code: Jacksonville, FL 32256

Contact Person: James McGowan

Title: Vice President

Email: jmcgowan@greenpointllc.com

Telephone: 239-340-6750

Project Cost: Professional Service Fees: \$3,000,000 Construction: \$80,000,000

Contract Start and End Dates: 2004-Ongoing

SCOPE of Project (list tasks, outlines or descriptions of items): Halff is providing master planning, design, permitting, construction services on the 1,050-acre, 2,000+ unit mixed-use project. Halff serves as the District Engineer for Triple Creek Community Development District. The project includes multiple amenity features including miles of paved trails, numerous wetlands, a lake, creek system and 100s of acres of preservation land. Additionally, there are several community pools, playgrounds and recreation areas. Monument signs, landscape and irrigation are also under the direction of the CDD Engineer. Example services include evaluation of flooding issues on District property, consideration of additional landscaping and/or fencing to provide buffering between District property and adjacent land, evaluation of resident complaints, negotiation of penalties resulting from unauthorized habitat impacts from adjacent property owners, oversight of District construction projects, oversight of District construction budgets, attendance at District public meetings, cost estimates, engineer's reports and assistance with bonding. Services related to this project have been provided for multiple clients in numerous phases spanning more than 15 years. Halff provided a conceptual design of a quarter mile fitness trail utilizing outdoor fitness equipment for users of all ages and capabilities.

“Halff has consistently provided outstanding engineering services and has demonstrated a commitment to delivering an excellent work product on time and within budget. The quality of their work has always been evident, and when unforeseen circumstances arose, their engineering and survey team rose to meet the challenges.”

John Arnett, PE, President | Arnett Environmental, LLC