



2 REQUIRED FORMS

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ATTACHMENT 1 - SUBMITTAL FORM

22-902

The undersigned hereby declares that: AVCON, INC. has examined and accepts the specifications, terms, and conditions presented in this Solicitation, satisfies all legal requirements to do business with the County, and to furnish **Professional Engineering Design Services for Wekiva Trail, Segment 1** for which Submittals were advertised to be received no later than 3:00 P.M. Eastern time on the date stated in the solicitation or as noted in an addenda. Furthermore, the undersigned is duly authorized to execute this document and any contracts or other transactions required by award of this Solicitation.

1.0 TERM OF CONTRACT

The Contract will commence upon the first day of the next calendar month after Board approval, or related Notice to Proceed. The Contract remains in effect until completion of the expressed and implied warranty periods. The County reserves the right to negotiate for additional services/items similar in nature not known at time of solicitation.

2.0 METHOD OF PAYMENT

The Contractor must submit an accurate invoice to the County's using department's email. The date of the invoice must be after delivery but no more than 30 calendar days after delivery. Invoices must reference the: purchase or task order; delivery date, delivery location, and corresponding packing slip or delivery ticket signed by a County representative at the time of acceptance. Failure to submit invoices in the prescribed manner will delay payment.

Payments will be tendered in accordance with the Florida Prompt Payment Act, Part VII, Chapter 218, Florida Statutes. The County will remit full payment on all undisputed invoices within 45 days from receipt by the appropriate County using department. The County will pay interest not to exceed 1% per month on all undisputed invoices not paid within 30 days after the due date.

All pricing will be FOB Destination unless otherwise specified in this solicitation document. Pricing submitted will remain valid for a ninety (90) day period.

Vendor accepts Mastercard for payment: NO

3.0 CERTIFICATION REGARDING LAKE COUNTY TERMS AND CONDITIONS:

I certify that I have reviewed the General Terms and Conditions for Lake County Florida and accept the Lake County General Terms and Conditions dated 5/6/21 as written including the Proprietary/Confidential Information section. YES Failure to acknowledge may result in Submittal being deemed non-responsive.

4.0 CERTIFICATION REGARDING FELONY CONVICTION:

Has any officer, director, or an executive performing equivalent duties, of the bidding entity been convicted of a felony during the past ten (10) years? NO

5.0 CONFLICT OF INTEREST DISCLOSURE CERTIFICATION:

Except as listed below, no employee, officer, or agent of the firm has any conflicts of interest, real or apparent, due to ownership, other clients, contracts, or interests associated with this project; and, this Submittal is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a proposal for the same services, and is in all respects fair and without collusion or fraud. Not applicable.

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6.0 CERTIFICATION REGARDING BACKGROUND CHECKS:

Under any County Contract that involves Contractor or subcontractor personnel working in proximity to minors, the Vendor hereby confirms that any personnel so employed will have successfully completed an initial, and subsequent annual, Certified Background Check, completed by the Contractor at no additional cost to the County. The County retains the right to request and review any associated records with or without cause, and to require replacement of any Contractor employee found in violation of this requirement. Contractor shall indemnify the County in full for any adverse act of any such personnel in this regard. Additional requirements may apply in this regard as included within any specific contract award. YES

7.0 DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

The County does not establish specific goals for minority set-asides however, participation by minority and non-minority qualified firms is strongly encouraged. If the firm is a minority firm or has obtained certification by the State of Florida, Office of Supplier Diversity, (OSD) (CMBE), please indicate the appropriate classification(s) not applicable Asian-American and enter OSD Certification Number N/A and enter effective date 12/14/2020 to date 12/14/2022

8.0 RECIPROCAL VENDOR PREFERENCE:

Vendors are advised the County has established, under Lake County Code, Chapter 2, Article VII, Sections 2-221 and 2-222; a process under which a local vendor preference program applied by another county may be applied in a reciprocal manner within Lake County. The following information is needed to support application of the Code:

- A. Primary business location of the responding Vendor: Orlando, Florida
- B. Does the responding vendor maintain a significant physical location in Lake County at which employees are located and business is regularly transacted: NO If “yes” is checked, provide supporting detail: Not applicable

9.0 GENERAL VENDOR INFORMATION:

Firm Name: AVCON, INC.
Street Address: 5555 E. Michigan Street, Suite 200
City: Orlando State and ZIP Code: FL 32822
Mailing Address (if different):
Telephone: (407) 599-1122 Fax: (407) 599-1133
Federal Identification Number / TIN: 59-2890463
DUNS Number: 60-672-0266

10.0 SUBMITTAL SIGNATURE:

I hereby certify the information indicated for this Submittal is true and accurate and that my electronic signature shall have the same legal effect as if made under oath; that I am an authorized representative of this Vendor and/or empowered to execute this Submittal on behalf of the Vendor. I, individually and on behalf of the Vendor, acknowledge and agree to abide by all terms and conditions contained in this solicitation as well as any attachments, exhibits, or addenda.

Name of Legal Representative Submitting this Proposal: *Rick V. Baldocchi, PE*

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ATTACHMENT 1 – SUBMITTAL FORM

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Date: 9/27/2021

Print Name: Rick V. Baldocchi, PE

Title: Vice President

Primary E-mail Address: rbaldocchi@avconinc.com

Secondary E-mail Address: ssingh@avconinc.com

The individual signing this Submittal affirms that the facts stated herein are true and that the response to this Solicitation has been submitted on behalf of the aforementioned Vendor.

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SunBiz Registration



2021 FLORIDA PROFIT CORPORATION ANNUAL REPORT

DOCUMENT# K22990

Entity Name: AVCON, INC.

Current Principal Place of Business:

5555 EAST MICHIGAN STREET
SUITE 200
ORLANDO, FL 32822-2779

Current Mailing Address:

5555 EAST MICHIGAN STREET
SUITE 200
ORLANDO, FL 32822-2779 US

FEI Number: 59-2890463

Certificate of Status Desired: No

Name and Address of Current Registered Agent:

SINGH, SANDEEP
5555 EAST MICHIGAN STREET
SUITE 200
ORLANDO, FL 32822 US

The above named entity submits this statement for the purpose of changing its registered office or registered agent, or both, in the State of Florida.

SIGNATURE:

Electronic Signature of Registered Agent

Date

Officer/Director Detail :

Title DCP
Name SINGH, SANDEEP
Address 11138 BRIDGE HOUSE RD.
City-State-Zip: WINDERMERE FL 34786

Title VP
Name BALDOCCHI, RICHARD V
Address 2301 FORREST ROAD
City-State-Zip: WINTER PARK FL 32789

Title ST
Name KRISS, JAMES A
Address 9348 THURLOE PLACE
City-State-Zip: ORLANDO FL 32827-7003

Title RM
Name LEWIS, VIRGIL L
Address 604 SAILBOAT DRIVE
City-State-Zip: NICEVILLE FL 32578

I hereby certify that the information indicated on this report or supplemental report is true and accurate and that my electronic signature shall have the same legal effect as if made under oath; that I am an officer or director of the corporation or the receiver or trustee empowered to execute this report as required by Chapter 607, Florida Statutes; and that my name appears above, or on an attachment with all other like empowered.

SIGNATURE: SANDEEP SINGH

PRESIDENT

01/07/2021

Electronic Signature of Signing Officer/Director Detail

Date

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Taxpayer Identification (W-9)

Form W-9 (Rev. October 2018) Department of the Treasury Internal Revenue Service	<h3 style="margin:0;">Request for Taxpayer Identification Number and Certification</h3> <p style="margin:0;">▶ Go to www.irs.gov/FormW9 for instructions and the latest information.</p>	Give Form to the requester. Do not send to the IRS.
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Print or type. See Specific Instructions on page 3.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. AVCON, INC.	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input checked="" type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) ▶ _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
	5 Address (number, street, and apt. or suite no.) See instructions. 5555 E Michigan Street, Suite 200	Requester's name and address (optional)
	6 City, state, and ZIP code Orlando, FL 32822	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number										
or										
Employer identification number										
5	9		2	8	9	0	4	6	3	

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ▶	Date ▶ February 2, 2021
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

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Addenda Issued

ADDENDUM NO. 1

22-902



P.O. Box 7800 • 315 W. Main St., Suite 441 • Tavares, FL 32778

SOLICITATION: Professional Engineering Design Services / Wekiva Trail Segment 1 09/24/2021

Vendors are responsible for the receipt and acknowledgement of all addenda to a solicitation. Confirm acknowledgement by including an electronically completed copy of this addendum with submittal. Failure to acknowledge each addendum may prevent the submittal from being considered for award.

THIS ADDENDUM DOES NOT CHANGE THE DATE FOR RECEIPT OF PROPOSALS.

QUESTIONS/RESPONSES

Q1. Can you provide a link to previous firms' proposals submitted for the Professional Engineering Design Services for Wekiva Trail?

R1. Interested vendors should please note that the information that was provided received proposals for the previous solicitation, 17-0012, are irrelevant to this solicitation and that the scope has changed. Solicitation 17-0012 was never awarded. The previous solicitation submittals for 17-0012 can be found via this link:

<https://lakecountyfl.gov/ftp/procurement/17-0012%20Submittals/>

ACKNOWLEDGEMENT

Firm Name: AVCON, INC.

I hereby certify that my electronic signature has the same legal effect as if made under oath; that I am an authorized representative of this vendor and/or empowered to execute this submittal on behalf of the vendor.

Signature of Legal Representative Submitting this Bid: *Rick V. Baldocchi*

Date: 9/24/2021

Print Name: Rick V. Baldocchi, PE

Title: Vice President

Primary E-mail Address: rbaldocchi@avconinc.com

Secondary E-mail Address: ssingh@avconinc.com

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ADDENDUM NO. 2

22-902



Office of Procurement Services

P.O. Box 7800 • 315 W. Main St., Suite 441 • Tavares, FL 32778

SOLICITATION: Professional Engineering Wekiva Trail, Segment 1

10/01/2021

Vendors are responsible for the receipt and acknowledgement of all addenda to a solicitation. Confirm acknowledgement by including an electronically completed copy of this addendum with submittal. Failure to acknowledge each addendum may prevent the submittal from being considered for award.

THIS ADDENDUM DOES NOT CHANGE THE DATE FOR RECEIPT OF PROPOSALS.

QUESTIONS/RESPONSES

- Q1. Attachment 2 states to include references/projects from within the last 5 years, but in the RFQ it states from the last 3 years.
- R1. The projects must be from within the past five years**
- Q2. Under section 1 – vendor profile, the RSQ is asking for attachment 3 to be completed (reference form). Should that be attachment 2 since attachment 3 is the team composition form?
- R2. Yes. That should reference Attachment 2, as that attachment is the References Form**

ACKNOWLEDGEMENT

Firm Name: AVCON, INC.

I hereby certify that my electronic signature has the same legal effect as if made under oath; that I am an authorized representative of this vendor and/or empowered to execute this submittal on behalf of the vendor.

Signature of Legal Representative Submitting this Bid: *Rick V. Baldocchi, PE*

Date: 10/1/2021

Print Name: Rick V. Baldocchi, PE

Title: Vice President

Primary E-mail Address: rbaldocchi@avconinc.com

Secondary E-mail Address: ssingh@avconinc.com

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ATTACHMENT 3 - TEAM COMPOSITION FORM

22-902

Consultant			
ROLE	Name	City of Residence	Florida Active Registrations Number
Principal-in-Charge	Rick Baldocchi, PE	Orlando	PE, FL #38092
Project Manager	Clint Pletzer, PE	Oviedo	PE, FL #69221
Utility Coordination	Clint Pletzer, PE	Oviedo	PE, FL #69221
Traffic Engineering; Signing and Pavement Marking	Michael Duer, EI	Altamonte Springs	#492ET036
Structures	Luca DelVerme, PE	Altamonte Springs	PE, FL #63055
Trail Design	Christopher Winardi, EI	Orlando	FL, #1100020414
Trail Design	Nick Johnson, EIT	Sanford	FL #1100020953

Each person listed or referenced in this qualifications package will be available to perform the services described for the County, barring illness, accident, or other unforeseeable events of a similar nature in which case AVCON would promptly provide a qualified replacement. AVCON understands that any replacement person is subject to prior written County approval.

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ATTACHMENT 3 - TEAM COMPOSITION FORM

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The **AVCON** team brings the capabilities of a 100-person firm with the demonstrated responsiveness of a smaller, local firm. The team has an in-depth knowledge of the current regulations/requirements and permitting requirements for FDOT, the Army Corp of Engineers (ACOE), Florida Building Code, the Florida Department of Environmental Protection, SJWMD, and other regulatory agencies. **AVCON** is certified by the State of Florida Board of Professional Engineers, certified as a Minority Business Enterprise by the State of Florida Office of Supplier Diversity, and pre-qualified by the Florida Department of Transportation in 17 different planning and design work areas.

While we perform work for FDOT, our primary focus is working with Counties and local agencies on LAP and other infrastructure related projects. The team has a vast amount of experience designing LAP projects, and transitioning projects to LAP, as funds become available. We will ensure that all LAP design requirements are met, should opportunities avail themselves to the County in the future. The entire team has a wealth of prior relevant Trail experience, which eliminates the learning curve. The team's leadership includes Mr. Clint Pletzer, PE, as the team's Project Manager and the County's primary point-of-contact, who brings more than 18 years of engineering expertise. Mr. Pletzer has worked closely with a number of local governments and other public entities for a variety of transportation projects. Additionally, several of his projects have required extensive utility coordination, relocation, and design. Mr. Peltzer has multiple years of Trails experience.

Trails Projects Clint Has Completed:

- **Lakeshore Shared-Use Path**
- **Pine Hills Trail**
- **TAV-LEE Multi-Use Trail Extension - Wooton Park (FDOT LAP Project)**
- **Providence Shared-Use Path, Phase 1**
- **East Central Regional Rail Trail, Design-Build**
- **Westmoreland Path**
- **East Central Florida Regional Rail Trail Bridges over SR 415 and SR 442**

Mr. Pletzer will be given support by **Mr. Rick Baldocchi, PE**, who will serve as the Principal-in-Charge for this contract. Mr. Baldocchi's proficiency in professional engineering services has been built over the past 38 years in the industry. Mr. Baldocchi's has an in-depth understanding of the planning process including environmental approvals, public involvement, and right-of-way issues. As a Principal for **AVCON**, Mr. Baldocchi has experience with project design, client liaison, subconsultant administration, and financial management. Mr. Baldocchi will ensure that this important contract receives the highest level of attention and the resources necessary to ensure the delivery of all components of the program are on schedule, within budget, and with quality that provides long-term value for the County. **AVCON** will be solely accountable for the completion of all services by the team. Mr. Baldocchi has worked on all the trail projects listed above.

The AVCON team is supported by **Mr. Michael Duer, EI**, as the **Traffic and Signing and Pavement Marking Designer**, **Mr. Luca DelVerme, PE, Structural Engineer**, **Mr. Christopher Winardi, EI**, and **Nick Johnson, EIT**, for **Trail Design**.

Mr. Duer has 28 years of professional roadway design, transportation planning, traffic engineering and production quality control experience. Mr. Duer is proficient in signing and pavement markings, signalization, traffic studies, access management, Americans with Disabilities Act (ADA) compliance, and QA/QC review. Mr. Duer has completed the following Trail projects: Westmoreland Path Design, Pine Hills Trail, TAV-LEE Trail, Persmmon Avenue Sidewalk and Trail (FDOT LAP), SR 415 and \$22 Pedestrian bridges, and Lakeshore Shared-Use Path.

Mr. DelVerme is a Structural Engineer with 21 years of professional experience in the public and private sectors. His clients included several county and city governments throughout the State of Florida, FDOT, and numerous

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aviation authorities. He has extensive experience in pedestrian bridge design and bridge widening and rehabilitation design.

Mr. Winardi has four years of experience with energy infrastructure and environment, heavy construction practices, infrastructure construction, and innovative project management.

Mr. Johnson's areas of expertise include horizontal and vertical alignments, corridor modeling, pedestrian/ADA upgrades, pavement design, drainage design, temporary traffic control design, signing and marking design, signalization design, and cost estimates.

The **AVCON** team includes talented subconsultants that have worked with us on several of the similar projects and have the necessary pre-qualified FDOT classifications. The subconsultants selected will provide the following services:

- **Inwood Consulting Engineers:** Environmental and Stormwater/Drainage
- **Borrelli + Partners (MBE, DBE, SBE):** Landscape Architecture
- **Southeastern Survey and Mapping Corporation (SSMC):** Subsurface Utility Engineering (SUE) and Mapping
- **Geographical and Environmental Consultants, Inc. (GEC):** Geotechnical and Contamination
- **Archaeological Consultants, Inc. (ACI) (MBE, SBE):** Cultural Resources

Inwood Consulting

Mr. Cameron DeWitt, PE, (Inwood) will provide Stormwater and Drainage services for the **AVCON** team. Mr. Dewitt has served as Assistant Project Designer for clients throughout Florida for 11 years and is experienced in roadway drainage design and permitting. He has worked with Lake County on the team for the Wekiva Trail Segment 5 PD&E Study providing the drainage assessment for this study. These alternatives will be analyzed to assess the project's impacts on the social, economic, cultural, natural, and physical environment to develop the Location and Design Concept of the project.

Mr. Jason Houk, PWS, GISP, (Inwood) will provide the environmental services for the **AVCON** team. Mr. Houck has 20 years of environmental experience including wetland delineation; local, state, and federal wetland and listed species permitting; regulatory agency and Non-Governmental Organization (NGO) coordination; NEPA document preparation; wildlife crossing and habitat connectivity studies and design; mitigation planning and design; gopher tortoise relocation; land use/land cover mapping and analysis; tree surveys; and Trimble GPS equipment. Mr. Houck is a licensed Professional Wetland Scientist, Qualified Stormwater Management Inspector, and Authorized Gopher Tortoise Agent. Mr. Houk previously worked as a Senior Scientist with Lake County on the Lake Wekiva Trail PD&E Study, He conducted general wildlife and protected species field reviews, development corridor and habitat maps, and prepared wildlife documents in support of the trail study in this 15-mile corridor.

Borrelli + Partners

Mr. Jorge Borrelli, ASLA, LEED AP BD+C, (Borrelli + Partners) has more than 29 years of professional landscape architecture experience. Mr. Rice has extensive knowledge and experience providing landscape design for educational facilities, commercial buildings, industrial facilities, parks and recreation developments, golf courses, and residential communities. Mr. Rice was on the teams that completed the landscape architecture for the City of Kissimmee's Shingle Creek Regional Trail, North and South Segments, Orange County's Lake Lucie Trailhead, and the City of Pompano Turning Point Bridge project.

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Mr. Christopher Rice, RLA, ASLA, (Borrelli + Partners) has more than 29 years of professional landscape architecture experience. Mr. Rice has extensive knowledge and experience providing landscape design for educational facilities, commercial buildings, industrial facilities, parks and recreation developments, golf courses, and residential communities. Mr. Rice was on the teams that completed the landscape architecture for the City of Kissimmee's Shingle Creek Regional Trail, North and South Segments, Orange County's Lake Lucie Trailhead, and the City of Pompano Turning Point Bridge project.

Southeastern Surveying and Mapping

Mr. M Scott Sowards, GPR, (SSMC) has more than 29 years of experience in subsurface utility engineering. He is currently working with the team on the 2020 public safety logistics/fleet, utility designation and verification with Lake County, as well as, City of Leesburg force main replacement, utility designation and location and topographic survey, City of Minneola water district areas 2 and 3, utility designation and verification, and North Lake Community Park utility designation. SSMC has a location conveniently located in Tavares.

Mr. Edwin Munoz, Jr., PSM, (SSMC) Edwin has over 10 years of Professional Surveying and Mapping Experience. Mr. Munoz has extensive experience in all aspects of surveying and mapping services including topographic, boundary, right-of-way, mapping, control, specific purpose, hydrographic, construction layout, program and budget development, presentations to public entities, and project management with embedded QA/QC and various other survey types, as well as producing plat maps and reports, setting monuments, marking boundary lines, and other duties related to surveying. He is currently working with the team on the 2020 public safety logistics/fleet, utility designation and verification with Lake County, as well as North Lake Community Park topographic survey and utility Designation 2021 and the City of Tavares Public Works compound topographic survey, utility designation and verification.

Geotechnical and Environmental Consulting

Mr. Richard P. McCormick, PG, (GEC), has 29 years of experience performing environmental and geological services on public infrastructure and private development projects. He has extensive experience in field sampling of soil and groundwater in accordance with Florida Department of Environmental Protection (FDEP) Standard Operating Procedures (SOPs). Mr. McCormick has provided numerous Level 1 Contamination Screening Evaluation Reports (CSERs) and Level 2 Contamination Impact Assessments (CIAs) for major highway and rail projects in Central Florida. Mr. McCormick was the Senior Geologist for Lake and Sumter Counties South Lake Trail and Lake Wekiva Trail from SR 46 to Hojin Street projects.

Mr. Craig G. Ballock, PE, (GEC), brings 17 years of experience in geotechnical engineering in the Central Florida area. Mr. Ballock has performed geotechnical engineering services for numerous infrastructure-related public works projects for Lake, Orange, Seminole and Osceola Counties. He has also worked on major transportation infrastructure projects for FDOT, Florida's Turnpike Enterprise (FTE), and the Central Florida Expressway Authority (CFX). Mr. Ballock has provided Geotechnical engineering for Lake County's SR 46 widening from US 441 to Vista View Lane project.

Archaeological Consultants, Inc.

Ms. Lee Hutchinson, RPA, (ACI), is a Senior Archaeologist/Project Archeologist with 35 years of Cultural Resource experience. As a Registered Professional Archaeologist, Ms. Hutchinson serves as the Liaison between FDOT Districts One, Five, and Seven and serves as FHWA/SHPO for the agency. Ms. Hutchinson serves as the Lead Technical Writer for cultural resource assessment component for PD&E Study

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reports, pond siting Technical Memoranda, Right-of-Way Transfers, Corridor Re-Evaluations, and Bridge Replacements. Ms. Hutchinson also organizes and manages laboratory operations and oversees technicians in the analysis of artifacts including their identification, evaluation, and interpretation. She is responsible for collections management including the accessioning and treatment of cultural materials in compliance with pertinent federal and state regulations.

The **AVCON** team members were carefully selected to provide a high caliber of experience and technical skill to the County's project. This specialized team allows us to address every aspect of the County's design needs responsively and cost-effectively, and **AVCON** is prepared to call upon other specialists should the need arise. Section 4 – Subcontractors/Joint Ventures of this proposal details each of **AVCON's** subconsultants providing a detailed description of each partner.

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Team Resumes



EDUCATION:
MBA Rollins College
MS Structural Engineering, University of California, Berkeley
BS Civil Engineering, California Polytechnic State University

PROFESSIONAL REGISTRATION(S):
Professional Engineer, FL No. 38092

YEARS OF EXPERIENCE:
37

YEARS WITH AVCON:
31

AVAILABILITY:
25%



RICK BALDOCCHI, PE **PRINCIPAL-IN-CHARGE**

Mr. Baldocchi, has more than 38 years of experience in civil/structural engineering, including management of highway, bridge, and development projects. As a principal of AVCON, INC., he has worked closely with a variety of clients within the transportation, development and aviation industries to provide professional, timely designs of the highest quality. As Principal-in-Charge, one of Mr. Baldocchi's responsibilities will be ensuring that all the necessary resources are available to the team.

RELEVANT EXPERIENCE:

WOOTEN PARK EXPANSION/TAV-LEE TRAIL(FDOT LAP PROJECT)

Orange County, FL

Principal-in-Charge

The TAV-LEE Trail is a 10.4-mile regional shared-use trail that connects the Downtowns of Tavares and Leesburg and a part of the Wooten Park Expansion project. The project consisted of planning, design, and engineering of future improvements, and expansion to the park and waterfront area including the marina and dock facilities, multi-use trail (nature walks), landscaping, gazebos, restrooms, boat/seaplane ramp, and other park amenities. AVCON was responsible for providing an approach to managing all aspects of the project such as grant application preparation, including the identification of appropriate grants, procurement, management, reimbursement processing and closeout. Services included permitting, bid document preparation, and coordination during the construction manager at risk process.

PINE HILLS TRAIL

Orange County, FL

Principal-in-Charge

This project consisted of final engineering design and construction plan preparation for the Pine Hills Multi-Use Trail from Alhambra Drive to Silver Star Road (SR 438) for a distance of 1.7 miles. It included a multi-use trail from Gordon Barnett Park to Pine Hills Trail along Dolores Drive for an approximate distance of 0.8 miles. Trail amenities included water fountains (where potable water is available), trash containers and park benches at the trailhead. AVCON also prepared an engineering study to determine whether pedestrian-activated traffic signals, Rapid Flashing Beacons, or any other device at the intersection of the trail with North Pine Hills Road at Dolores Drive and Silver Star Road were warranted in accordance with the current edition of the Manual on Uniform Traffic Control Devices (MUTCD).

LAKESHORE SHARED-USE PATH

Deltona, FL

Principal-in-Charge

This project consisted of design of a Florida Department of Transportation (FDOT) Local Agency Program (LAP) funded multi-use trail along Lakeshore Boulevard that included a 12 ft wide, approximately 3,600 ft long bike/pedestrian asphalt trail with sections narrowing due to constrictions.

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Rick Baldocchi

Principal-in-Charge

Services included the design of curb ramps and vertical barriers or walls between the roadway and the trail. The trail, crosswalks and ramps adhere to ADA standards. Coordination with utility stakeholders was required.

PROVIDENCE SHARED-USE PATH

Deltona, FL

Principal-in-Charge

The project is being placed within the existing Providence Boulevard right-of-way. The trail consists of a combination of 12 ft and 10 ft shared use paths, and 8 ft sidewalk in areas of limited available right-of-way and includes relocation of utilities infrastructure. The project also includes proper tie in of all crossroads to the existing condition with respect to grading, drainage, protection or relocation, as applicable, of any existing utilities, and appropriate striping and signage. Public information, permitting, surveying, geotechnical, agency coordination, and post design services are also being provided.

UCF/ALAFAYA (SR 434) TRAIL PEDESTRIAN STUDY

Orlando, FL

Principal-in-Charge

This project includes pedestrian safety improvements along the project corridors: Alafaya from Challenger Parkway to McCulloch Road and University Boulevard from Quadrangle Boulevard to Alafaya Trail, which is a total of approximately 3.1 miles. These improvements include signage, pedestrian channelization, landscaping, intersection improvements, pedestrian-scale lighting, signalized mid-block crossings, and a pedestrian/bicycle shared-use path.

SR 415 AND 442 PEDESTRIAN BRIDGES, DESIGN BUILD

Volusia County, FL

Principal-in-Charge

These projects fit into the overall construction of the East Central Regional Rail Trail project, and were necessary due to the significant amount of traffic that uses the newly improved roadways. These projects consisted of the design and construction of 150-ft pedestrian bridges over Indian River Boulevard and the ramps leading up to the bridges, which meet trail and ADA requirements.

INTERNATIONAL DRIVE SIDEWALK

Osceola County, FL

Principal-in-Charge

This project included the design of an 8 ft wide sidewalk along the west side of International Drive for approximately 0.53 miles (2,800 feet). The project included the reconstruction of a gravel driveway, curb ramps, curb and gutter, grade adjustments, sodding, sign relocation, detectable warning surfaces, sections of six inch-thick sidewalk to accommodate vehicle exposure, landscape and tree removal, signing and pavement markings, wildlife survey, utility coordination, improvements required to meet ADA criteria, right-of-way acquisition or easement modifications, final construction plans, permits, cost estimates, and survey.

2 | REQUIRED FORMS



EDUCATION:

BS Civil Engineering,
University of Central
Florida

PROFESSIONAL REGISTRATION(S):

Professional Engineer, FL
No. 69221

YEARS OF EXPERIENCE:

18

YEARS WITH AVCON:

16

AVAILABILITY:

60%



CLINT PLETZER, PE

PROJECT MANAGER

Mr. Pletzer has worked on more than 40 roadway design projects in his 18 years of experience, and he is versed in all phases of FDOT plans preparation. His skills include development of horizontal and vertical alignments utilizing GEOPAK, utility coordination and adjustments, maintenance of traffic, cost estimates, and construction drawing development in CADD format. Several of Mr. Pletzer's projects have required extensive utility coordination, relocation, and design with entities such as Orange County Utilities, Progress Energy, TECO Peoples Gas, AT&T, Bright House, and numerous telecom companies.

RELEVANT EXPERIENCE:

PINE HILLS TRAIL

Orange County, FL

Project Manager

This project consisted of final engineering design and construction plan preparation for the Pine Hills Multi-Use Trail from Alhambra Drive to Silver Star Road (SR 438) for a distance of 1.7 miles. It included a multi-use trail from Gordon Barnett Park to Pine Hills Trail along Dolores Drive for an approximate distance of 0.8 miles. Trail amenities included water fountains (where potable water is available), trash containers and park benches at the trailhead. AVCON also prepared an engineering study to determine whether pedestrian-activated traffic signals, Rapid Flashing Beacons, or any other device at the intersection of the trail with North Pine Hills Road at Dolores Drive and Silver Star Road were warranted in accordance with the current edition of the MUTCDs.

WOOTEN PARK EXPANSION/TAV-LEE TRAIL(FDOT LAP PROJECT)

Orange County, FL

Project Engineer

The TAV-LEE Trail is a 10.4-mile regional shared-use trail that connects the downtowns of Tavares and Leesburg and a part of the Wooten Park Expansion project. The project consisted of planning, design, and engineering of future improvements, and expansion to the park and waterfront area including the marina and dock facilities, multi-use trail (nature walks), landscaping, gazebos, restrooms, boat/seaplane ramp, and other park amenities. AVCON was responsible for providing an approach to managing all aspects of the project such as grant application preparation, including the identification of appropriate grants, procurement, management, reimbursement processing and closeout. Services included permitting, bid document preparation, and coordination during the construction manager at risk process.

PROVIDENCE SHARED-USE PATH

Deltona, FL

Project Manager

The project is being placed within the existing Providence Boulevard right-of-way. The trail consists of a combination of 12 ft and 10 ft shared use paths and 8 ft sidewalk in areas of limited available right-of-way and includes relocation of utilities infrastructure. The project also includes proper tie in of all crossroads to the existing condition with respect to grading, drainage, protection or

2 | REQUIRED FORMS

Clint Pletzer

Project Manager

relocation, as applicable, of any existing utilities, and appropriate striping and signage. Public information, permitting, surveying, geotechnical, agency coordination, and post design services are also being provided

LAKESHORE SHARED USE PATH

Deltona, FL

Project Engineer

This project consisted of design of a FDOT LAP funded multi-use trail along Lakeshore Boulevard. It included a 12 ft wide, 3,600 ft long bike/pedestrian asphalt trail with sections narrowing due to constrictions. The trail connects the Thornby Park driveway to Green Springs Park by running parallel along Providence Boulevard, Lakeshore Drive, and Green Springs Road. Services included the design of curb ramps and vertical barriers or walls between the roadway and the trail. The trail, crosswalks and ramps adhere to ADA standards. Coordination with utility stakeholders was required.

UCF/ALAFAYA (SR 434) TRAIL PEDESTRIAN STUDY

Orlando, FL

Project Manager

This project includes pedestrian safety improvements along the project corridors: Alafaya from Challenger Parkway to McCulloch Road and University Boulevard from Quadrangle Boulevard to Alafaya Trail, which is a total of approximately 3.1 miles. These improvements include signage, pedestrian channelization, landscaping, intersection improvements, pedestrian-scale lighting, signalized mid-block crossings, and a pedestrian/bicycle shared-use path.

SR 415 AND 442 PEDESTRIAN BRIDGES, DESIGN BUILD

Volusia County, FL

Project Manager

These projects fit into the overall construction of the East Central Regional Rail Trail project, and were necessary due to the significant amount of traffic that uses the newly improved roadways. These projects consisted of the design and construction of 150-ft pedestrian bridges over Indian River Boulevard and the ramps leading up to the bridges, which meet trail and ADA requirements.

ALABAMA AVENUE MULTI-USE TRAIL NORTH EXTENSION

DeLand, FL

Project Engineer

This section of the trail system runs from International Speedway just west of Marsh Road, northward through City of DeLand property to the Sperling Sports Complex. Originally, a portion of the trail was to cross DeLand Municipal Airport property, but Federal Aviation Administration (FAA) restrictions required a major redesign and new alignment along Marsh Road.

OAK RIDGE ROAD SAFETY IMPROVEMENTS

Orlando, FL

Project Manager

The project consisted of the construction of a raised median throughout the corridor, signal upgrades, and intersection reconfiguration which included drainage modifications and the construction of a sidewalk along the south side of the roadway.

2 | REQUIRED FORMS



EDUCATION:
BS Industrial &
Systems Engineering,
University of Florida

**PROFESSIONAL
REGISTRATION(S):**
Engineering Intern FL
#492ET036

YEARS OF EXPERIENCE:
28

YEARS WITH AVCON:
17



MICHAEL DUER, EI **TRAFFIC ENGINEER**

Mr. Duer has over 28 years of experience in roadway design, transportation planning, traffic engineering and production quality control. Mr. Duer's areas of expertise include signing and pavement markings, signalization, traffic studies, access management, ADA compliancy, QA/QC review, and public involvement exhibits and mail-outs. Public involvement activities have included preparation of a community awareness plan; compiling mailing lists, public information handouts, newsletters, display boards and slideshow presentations; agency/business outreach; attending meetings; and documenting and responding to public comments.

RELEVANT EXPERIENCE:

PINE HILLS TRAIL

Orange County, FL

Project Engineer

This project consisted of final engineering design and construction plan preparation for the Pine Hills Multi-Use Trail from Alhambra Drive to Silver Star Road (SR 438) within the Progress Energy corridor for a distance of approximately 1.7 miles. It also included a multi-use trail from Gordon Barnett Park to Pine Hills Trail along Dolores Drive for an approximate distance of 0.8 miles. As Project Engineer, Mr. Duer's responsibilities included the complete design of two new traffic signals on Silver Star Road and on Pine Hills Road for mid-block crossings of the trail. All traffic signals were designed to meet MUTCD, FDOT, and Orange County design standards. Synchro software was used to determine levels-of-service (LOS) and proposed signal timings.

WOOTEN PARK EXPANSION/TAV-LEE TRAIL(FDOT LAP PROJECT)

Orange County, FL

Project Engineer

The TAV-LEE Trail is a 10.4-mile regional shared-use trail that connects the downtowns of Tavares and Leesburg and a part of the Wooten Park Expansion project. The project consisted of planning, design, and engineering of future improvements, and expansion to the park and waterfront area including the marina and dock facilities, multi-use trail (nature walks), landscaping, gazebos, restrooms, boat/seaplane ramp, and other park amenities. AVCON was responsible for providing an approach to managing all aspects of the project such as grant application preparation, including the identification of appropriate grants, procurement, management, reimbursement processing and closeout. Services included permitting, bid document preparation, and coordination during the construction manager at risk process.

PROVIDENCE SHARED-USE PATH

Deltona, FL

Project Engineer

The project is being placed within the existing Providence Boulevard right-of-way. The trail consists of a combination of 12 ft and 10 ft shared use paths and, 8 ft sidewalk in areas of limited available right-of-way and includes relocation

2 | REQUIRED FORMS

Michael Duers, EI

Traffic Engineer

of utilities infrastructure. The project also includes proper tie in of all crossroads to the existing condition with respect to grading, drainage, protection or relocation, as applicable, of any existing utilities, and appropriate striping and signage. Public information, permitting, surveying, geotechnical, agency coordination, and post design services are also being provided.

EAST CENTRAL REGIONAL RAIL TRAIL, DESIGN-BUILD

FDOT District Five, Brevard County, FL

Project Engineer

This project consisted of the design and construction of a paved multi-use trail and parallel unpaved equestrian trail in Brevard County. The trail extends from Kingman Road/Smokey Lane in the City of Titusville to the Volusia County line and includes bicycle and pedestrian accommodations. The parallel unpaved equestrian trail extends from Aurantia Road to the Volusia County line and includes a trailhead just north of the Aurantia Road/Blount's Ridge Road intersection. The trailhead comprises pedestrian and equestrian accommodations and parking. Signing and pavement markings for bicycle and pedestrian designation were also required throughout the project.

LAKESHORE SHARED USE PATH

City of Deltona, FL

Project Engineer

The design of a multi-use trail along Lakeshore Boulevard with LAP funding which includes a 12 ft wide, approximately 3,600 ft long bike/pedestrian asphalt trail with sections narrowing due to constrictions. The trail will connect from the Thornby Park driveway to Green Springs Park by running parallel along Providence Blvd, Lakeshore Drive, and Green Springs Road. The project will begin at the connection to the existing sidewalk completed adjacent to the driveway entrance to Thornby Park. At certain locations, the trail will tie into existing sidewalk. For certain sections, boardwalks will be required for passage over storm water retention areas, small streams and man-made ditches. Additional services include designing curb ramps and possible vertical barriers or walls between the roadway and the trail. The trail, crosswalks and ramps are to adhere to ADA standards. Utility relocation was preferred to be avoided; however, it may be required. Coordination with Utility stakeholders is required. Additional right-of-way is not required. Permitting to be acquired during design and is to be coordinated with the US Fish and Wildlife Service. Other permitting may have the possibility of exemption by following SJRWMD criteria; however, final permitting determination will be part of the design process.

UCF/ALAFAYA (SR 434) TRAIL PEDESTRIAN STUDY

Orlando, FL

Project Engineer

This project includes pedestrian safety improvements along the project corridors: Alafaya from Challenger Parkway to McCulloch Road and University Boulevard from Quadrangle Boulevard to Alafaya Trail, which is a total of approximately 3.1 miles. These improvements include signage, pedestrian channelization, landscaping, intersection improvements, pedestrian-scale lighting, signalized mid-block crossings, and a pedestrian/bicycle shared-use path.



EDUCATION:
BS Industrial &
Systems Engineering,
University of Florida

**PROFESSIONAL
REGISTRATION(S):**
Professional Engineer, FL
No. 63055

YEARS OF EXPERIENCE:
21

YEARS WITH AVCON:
18



LUCA DELVERME, PE **SENIOR STRUCTURAL ENGINEER**

Mr. DelVerme, PE is a Structural Project Engineer with 20 years of experience in the structural engineering discipline for both the public and private sectors. He has practiced structural design for a variety of building types, including airport terminals, hospitals, universities, courthouses and jails, parks and trail facilities, aircraft and storage hangars, and solid waste facilities throughout the state of Florida. Mr. DelVerme has also been responsible for the design of box culvert structures, sign and signal structures, high mast lighting foundations and retaining wall structures for the Florida Department of Transportation, numerous county and city governments throughout the State of Florida, and several aviation authorities. He has extensive experience in pedestrian bridge design and bridge widening and rehabilitation design.

RELEVANT EXPERIENCE:

WOOTON PARK EXPANSION, TAV-LEE TRAIL EXTENSION

Tavares, FL
Structural Engineer

The TAV-LEE Trail is a 10.4-mile regional shared-use trail that connects the downtowns of Tavares and Leesburg and a part of the Wooton Park Expansion project. The project consisted of planning, design, and engineering of future improvements, and expansion to the park and waterfront area including the marina and dock facilities, multi-use trail (nature walks), landscaping, gazebos, restrooms, boat/seaplane ramp, and other park amenities. AVCON was responsible for providing an approach to managing all aspects of the project such as grant application preparation, including the identification of appropriate grants, procurement, management, reimbursement processing and closeout. Services included permitting, bid document preparation, and coordination during the construction manager at risk process.

PINE HILLS TRAIL

Orange County, FL
Structural Engineer

This LAP project included final engineering design and construction plan preparation for the Pine Hills multi-use trail. It also included a multi-use trail from Gordon Barnett Park to the proposed Pine Hills Trail along Dolores Drive for an approximate distance of 0.8 miles. The project also comprised design of a two-lane trailhead roadway with turnaround/cul-de-sac at the end and parking on both sides.

PERSIMMON AVENUE SIDEWALK

Sanford, FL
Structural Engineer

This LAP sidewalk project included 1.25 miles of new/upgraded sidewalk and was a part of a city-wide trail system designed to provide connectivity between residential neighborhoods, parks, and other public spaces.

2 | REQUIRED FORMS

Luca Delverme, PE

Senior Structural Engineer

FORT FRASER TRAIL

Lakeland, FL

Structural Engineer

The Fort Fraser Trail is a joint venture between Polk County, FDOT, and the Cities of Lakeland and Bartow. The 12-mile long rail connects downtown Lakeland to downtown Bartow through Highland and Polk Counties, connecting the larger regional trail network in Central Florida. In addition to the more than seven miles of asphalt trail, rest areas, interpretive signs, and two trailheads were developed. One bridge was converted to a covered structure which became the iconic symbol for the project. Covered rest stops were provided every mile along the trail. AVCON's professional services entailed the conversion of three existing train trestle bridges into new timber covered trail pedestrian bridges featuring exceptional aesthetic treatments. AVCON's tasks also consisted of minor extension of one box culvert using FDOT design standards.

SR 415 AND SR 442 PEDESTRIAN BRIDGES, DESIGN-BUILD

Volusia County, FL

Structural Engineer

These LAP projects were part of the overall construction of the East Central Regional Rail Trail. The project consisted of the design and construction of 150-foot pedestrian bridges over Indian River Boulevard and the ramps leading up to the bridges, which meet trail and ADA requirements. The bridge design was implemented to blend the important elements of safety, cost, and aesthetics.

ALABAMA AVENUE MULTI-USE TRAIL, NORTH EXTENSION, PART B

DeLand, FL

Structural Engineer

This LAP project connects an existing multi-use trail along International Speedway Boulevard (U.S. 92) to the Sperling Sports Complex. Improvements include approximately 6,000-linear-feet of trail surface, landscaping, street furniture, signage, fencing, and features to encourage non-vehicular traffic.



EDUCATION:

M.S. Construction
Engineering
University of Washington

B.S. Civil Engineering
University of Florida

PROFESSIONAL REGISTRATION(S):

Engineering Intern, FL

YEARS OF EXPERIENCE:

5

YEARS WITH AVCON:

4

CHRISTOPHER WINARDI, EI

TRAIL DESIGN

Mr. Winardi has eight years of experience with energy infrastructure and environment, heavy construction practices, infrastructure construction, and innovative project management. He joined the AVCON Team in 2017 as a Project Engineer and his skills include Autodesk CAD, Revit, Navisworks, Vu 360, Adobe Lightroom, and Microsoft Office products.

RELEVANT EXPERIENCE:

PINE HILLS TRAIL

Orange County, FL

Project Engineer

This LAP project included final engineering design and construction plan preparation for the Pine Hills multi-use trail. It also included a multi-use trail from Gordon Barnett Park to the proposed Pine Hills Trail along Dolores Drive for an approximate distance of 0.8 miles. The project also comprised design of a two-lane trailhead roadway with turnaround/cul-de-sac at the end and parking on both sides.

WESTMORELAND PATH

Orlando, FL

Project Engineer

This project included construction of a 2.02-mile multi-use path adjacent to Westmoreland Drive, from Miller Street to Colonial Drive. The path is intended for pedestrian and bicycle use. AVCON prepared design documents for phases 2, 4, and 5, AND provided permitting services for all phases of the project. The purpose of the shared-use path is for recreational use and does not allow motorized vehicles powered by internal combustion engines, except for maintenance and emergency vehicles. The typical section consists of an 8 ft-10 ft pervious asphalt path. In most areas, the project involved demolishing a portion of existing travel lane on Westmoreland Drive and constructing the proposed path and curb and gutter and associated necessary modifications to existing drainage structures. The proposed 8 ft-10 ft-wide path utilized existing features of the roadway, including the alignment, impervious area, elevation, and existing drainage patterns. This project was designed to meet all rules and regulations set forth by SJRWMD, FDEP and the City of Orlando.

LANDFILL TRAILER STAGING AREA PAVEMENT IMPROVEMENTS

Seminole County, FL

Project Engineer

This project includes roadway design, grading design, and a stormwater pollution prevention plan at the Seminole County Solid Waste facility on Osceola Road in Geneva, Florida.

UNION PARK ELEMENTARY SCHOOL

Orange County, FL

Project Engineer

Orange County Public Schools (OCPS) is in the process of replacing the existing Union Park Elementary School located on Dean Road in

2 | REQUIRED FORMS

Christopher Winardi, EI

Trail Design

unincorporated Orange County, Florida. AVCON was retained to study pedestrian accessibility along roadways within the school zone boundary, as well as existing school site access. This information was gathered to evaluate existing school route conditions and proposed improvements for safe routes to walk and bicycle to the campus, and on-site improvements for parent drop-offs, school buses, and parking.

EAST LAKE ELEMENTARY SIDEWALK DESIGN

Osceola County, FL

Project Engineer

This project consisted of the design of a five ft. wide sidewalk along the south side of Boggy Creek Road from the existing sidewalk east of Turnberry Boulevard to the existing sidewalk west of North Pointe Boulevard. The project length was approximately .36 miles (1,915 feet). The design also included aluminum pipe handrail, detectable warning surfaces, landscape and tree removal, signing and pavement markings, fencing, driveway reconstruction, drainage modifications, utility relocation coordination, all improvements to ADA criteria, final construction plans, permits, cost estimates survey, possible utility relocation and required.

2 | REQUIRED FORMS



EDUCATION:

BS Civil Engineering,
2017, University of Central
Florida

PROFESSIONAL REGISTRATION(S):

Engineering Intern, FL

YEARS OF EXPERIENCE:

5

YEARS WITH AVCON:

5



NICK JOHNSON, EI

TRAIL DESIGN

Mr. Johnson is currently working on various roadway design projects. Mr. Johnson's areas of expertise include horizontal and vertical alignments, corridor modeling, pedestrian/ADA upgrades, pavement design, drainage design, temporary traffic control design, signing and marking design, signalization design, and cost estimates. He is proficient in AutoCAD Civil3d and Microstation.

RELEVANT EXPERIENCE:

DOWNTOWN CONNECTOR TRAIL

Orlando, FL

Project Engineer

This project consists of Maintenance of Traffic Design, temporary traffic control, and utility coordination for a downtown connector trail located in Orlando, Florida. Mr. Johnson serves as Project Engineer.

PINE HILLS TRAIL

Orange County, FL

Project Engineer

This LAP project included final engineering design and construction plan preparation for the Pine Hills multi-use trail. It also included a multi-use trail from Gordon Barnett Park to the proposed Pine Hills Trail along Dolores Drive for an approximate distance of 0.8 miles. The project also comprised design of a two-lane trailhead roadway with turnaround/cul-de-sac at the end and parking on both sides.

WESTMORELAND PATH

Orlando, FL

Project Engineer

This project included construction of a 2.02-mile multi-use path adjacent to Westmoreland Drive, from Miller Street to Colonial Drive. The path is intended for pedestrian and bicycle use. AVCON prepared design documents for phases 2, 4, and 5, AND provided permitting services for all phases of the project. The purpose of the shared-use path is for recreational use and does not allow motorized vehicles powered by internal combustion engines, except for maintenance and emergency vehicles. The typical section consists of an 8 ft-10 ft pervious asphalt path. In most areas, the project involved demolishing a portion of existing travel lane on Westmoreland Drive and constructing the proposed path and curb and gutter and associated necessary modifications to existing drainage structures. The proposed 8 ft-10 ft-wide path utilized existing features of the roadway, including the alignment, impervious area, elevation, and existing drainage patterns. This project was designed to meet all rules and regulations set forth by SJRWMD, FDEP and the City of Orlando.

2 | REQUIRED FORMS

Nick Johnson, EI

Trail Design

OAK RIDGE ROAD SAFETY IMPROVEMENTS

Orange County, FL

Project Engineer

The project consists of the construction of a raised median throughout the corridor, signal upgrades, and intersection reconfiguration which includes drainage modifications and the construction of a sidewalk along the south side of the roadway. Mr. Johnson serves as Project Engineer.

FICQUETTE ROAD AT OVERSTREET ROAD SIGNAL

Orange County, FL

Project Engineer

This basic scope of this project included the providing a completely new signal system supported by mast arm structures. Minor intersection modifications were required along with ITS modifications and signing and pavement marking upgrades. Specific elements included Traffic Signal and Interconnect Design, Traffic Signing and Pavement Design, Maintenance of Traffic Design, and Minor Intersection Design.

HENDERSONS-COMMONS INTERSECTION IMPROVEMENTS

Okaloosa County, FL

Project Engineer

This project includes roadway and signal improvements to the intersection of Henderson Beach Road and Commons Drive in Okaloosa County, Florida. Specific task work consists of signal upgrades, intersection reconfiguration, including channelized right turns, and drainage modifications. Mr. Johnson serves as Project Engineer.

TURKEY LAKE RD AT VINELAND TURN LANE

Orange County, FL

Project Engineer

This project consists of the construction of two additional turn lanes for Turkey Lake Road from Lake Cane Road to Vineland Road. Additionally, this project includes drainage upgrades.

2 | REQUIRED FORMS

STORMWATER/DRAINAGE SUPPORT

Cameron DeWitt, PE, has served as an Assistant Project Designer on various roadway projects for FDOT as well as municipal government clients throughout Florida since 2011. Mr. DeWitt's is experienced in roadway drainage design and permitting. He is skilled in the utilization of MicroStation, ASAD, ICPR, POND5 Modeling, Hy-8, HEC-RAS, GeoPak Drainage, and Microsoft Office.

RELEVANT EXPERIENCE

Wekiva Trail Segment 5 PD&E Study, Lake County (AIM Engineering & Services, Inc.) – Project Drainage Engineer responsible for the drainage assessment for this study. The project consists of evaluating potential alternatives for the Wekiva Trail Segment 5 from Disston Avenue in Tavares to Tremain Street in Mount Dora, approximately 5.5 miles. Three potential trail alternatives in addition to the no-build alternative will be investigated during the study. These alternatives will be analyzed to assess the project's impacts on the social, economic, cultural, natural, and physical environment to develop the Location and Design Concept of the project.

West SR 50 PD&E Corridor Planning Study, Lake County (FDOT District Five Subconsultant) – Engineering Intern responsible for supporting the drainage Pond Siting Report and Location Hydraulics Report. The purpose of this Corridor Planning Study was to evaluate SR 50 within Sumter County and western Lake County, as well as a small portion in eastern Hernando County (FDOT District Seven). This project will be coordinated with local and regional agency partners such as the Lake-Sumter Metropolitan Planning Organization, Sumter County, and Lake County to identify existing and future corridor needs, as well as to identify potential solutions that establish a usable and safe East-West connector between the west coast (Brooksville) and the Central Florida area (Orlando).

SR 434 Corridor Planning Study, Seminole County (Kittelson & Associates) – Engineering Intern responsible for analysis of existing drainage conditions, preliminary pond siting and sizing and development of a Drainage Technical Memo. The Corridor Planning Study evaluated the future needs of SR 434 in two sections, from SR 417 to Franklin Street (Section 1) and from Mitchell Hammock Road to Smith Street (Section 2), including four- and five-lane alternatives for each section, as well as shared-use paths and sidewalks.

SR 19 over Little Lake Harris Design-Build Bridge Replacement, Lake County (Leware Construction Company) – Engineering Intern responsible for drainage design and plans production. The Inwood/Leware Team was selected to provide design-build services for this bridge replacement project. The overall project objective is to construct a new two-lane bridge structure east of the existing bridge and remove the existing 3,130-foot bridge (which is in declining condition). The proposed bridge typical section will consist of one 12-ft lane in each direction, 10-foot paved shoulders, and a barrier-separated 8-foot sidewalk on the east side of the bridge. The roadway approaches on the south and north ends of the bridge will consist of one 12-foot lane in each direction, 10-ft shoulders (five-foot paved) and a five-foot sidewalk on the east side of the roadway. The design speed is 55 mph for the bridge and roadway approaches. We also recognize that SR 19 will be widened to four lanes at some point in the future; therefore, FDOT is expecting that the design and construction of these initial two lanes can be easily duplicated (and mirrored to the west) when necessary.

SR 951 PD&E Services, Manatee Road to North of Tower Road, Collier County (FDOT District One) – Engineering Intern responsible for development of a Pond Siting Report and Location Hydraulics Technical Memo. The SR 951 project is the first FDOT District One project being completed using the new FDOT Statewide Acceleration and Transformation (SWAT) process, which allows the PD&E study phase and the design phase to be completed concurrently to reduce the length of the overall project schedule. The SR 951 project limits begin south of Manatee Road and continue north to Tower Road in Collier County, Florida. The proposed roadway will consist of a six-lane divided suburban roadway with a 45-mph speed limit. There will be a raised median that varies in width from 22 to 24 ft. The existing roadway will be widened on the northbound and southbound lanes toward the median. Additional improvements include a 10-foot shared-use path on the east side of the roadway, five ft sidewalk on the west, and seven-foot bike lanes on both sides of the roadway. The existing bridge over Henderson Creek will also be widened to six lanes. Stormwater runoff will be collected in roadside ditches and conveyed to off-site stormwater ponds. Final deliverables for the project will include a Preliminary Engineering Report (PER) and State Environmental Impact Report (SEIR) along with signed and sealed construction plans.



CAMERON DEWITT, PE



EDUCATION

Bachelor of Science,
Environmental Engineering,
University of Central Florida,
2014

REGISTRATION

Professional Engineer, FL,
2020, No. 90461

YEARS EXPERIENCE – 10

YEARS WITH FIRM – 10

2 | REQUIRED FORMS

ENVIRONMENTAL

Jason Houck, PWS, GISP, has served as an environmental scientist and GIS analyst on numerous transportation projects, Project Development and Environment (PD&E) studies, and watershed projects throughout the states of Florida and Tennessee since 2001. His clients include FDOT as well as other government agencies and private industry. Mr. Houck's key expertise is in wetland delineation; local, state, and federal wetland and listed species permitting; regulatory agency and Non-Governmental Organization (NGO) coordination; NEPA document preparation; wildlife crossing and habitat connectivity studies and design; mitigation planning and design; gopher tortoise relocation; land use/land cover mapping and analysis; tree surveys; and Trimble GPS equipment.

RELEVANT EXPERIENCE

Lake County Trails Master Plan, Lake County (Lake County) – Senior Scientist responsible for plan reviews. The Master Plan developed a 230-mile system of multi-use trails throughout Lake County. A realistic vision of a future trail system was developed with consideration of natural and cultural destinations, other regional trails, and local government support.

Lake Wekiva Trail PD&E Study, Lake County (Renaissance Planning Group, Inc.) – Senior Scientist responsible for the development of a Wildlife Habitat Report in support of the Type I Categorical Exclusion for the Wekiva Trail. Mr. Houck conducted general wildlife and protected species field reviews, development corridor and habitat maps, and prepared wildlife documents in support of the trail study. The project study area included a 15-mile corridor that would be used to construct a paved, shared-use trail that would provide hikers, cyclists, and nature enthusiasts with a regional connection between Lake, Seminole, and Orange Counties.

Leesburg-Wildwood Trail Design from Jones Road to 13th Street, Lake County (City of Leesburg) – Senior Scientist responsible for wetland and wildlife habitat assessment. The trail includes rest areas, informational kiosks, landscaping, and a pavilion. The trail creates a connection between a neighborhood, schools, parks, and shopping areas. A unique challenge of the project was the incorporation of existing historic railroad elements into an interpretive display. This project is being designed with federal Transportation Enhancement funding under the FDOT LAP.

Lake Apopka North Shore Scenic Overlook, Lake County (GAI Consultants, Inc.) – Senior Scientist responsible for conducting environmental assessments, listed species surveys, tree survey, and GPS data collection for a proposed multiple use recreational trail. The project involves the preliminary planning and design for a scenic overlook associated with the Green Mountain Scenic Byway. The project includes an extensive public involvement plan including a design charrette and coordination with the Citizens Advisory Group for the scenic byway, GPS data collection and field review for critical habitat. The preliminary design was needed to assist with the completion of the federal scenic byway grant. Regulatory agency and permitting included a Section 7 consultation with the USFWS due to the confirmed presence of sand skinks within the project limits. Inwood ecologists conducted a field review with USFWS staff to delineate the extent of suitable habitat and subsequently develop a mitigation plan that resulted in approval of the project.

Districtwide Efficient Transportation Decision Making (ETDM) - North Shore Overlook and Trailhead, Lake County (FDOT District Five) – Senior Scientist responsible for conducting environmental assessment, list species surveys, tree survey, and GPS data collection. The project involved the preliminary planning and design for a scenic overlook associated with the Green Mountain Scenic Byway. The project included an extensive public involvement plan including a design charrette and coordination with the Citizens Advisory Group for the scenic byway, GPS data collection, and field review for critical habitat. The preliminary design was needed to assist with the completion of the federal scenic byway grant.



JASON HOUCK, PWS, GISP



EDUCATION

- Master of Science, Environmental Science, University of Tennessee, 2003
- Bachelor of Science, Environmental Science, University of Tennessee, 2001

LICENSES/ CERTIFICATIONS

- Professional Wetland Scientist, FL, 2008, No. 1876
- Authorized Gopher Tortoise Agent, FL, 2009, No. GTA-09-00068F
- Geographic Information Systems Professional, FL, 2007, No. 44521
- Qualified Stormwater Management Inspector, FL, 2009, No. 22334
- Trenching and Excavation Safety, FL, 2014

YEARS EXPERIENCE – 20

YEARS WITH FIRM – 13

2 | REQUIRED FORMS



BORRELLI + PARTNERS
ARCHITECTURE PLANNING LANDSCAPE INTERIORS
SINCE 1987

JORGE A. BORRELLI, ASLA, LEED AP® BD+C, CPTED

Landscape Architecture



EDUCATION - University of Florida, Bachelor of Landscape Architecture, 1987
LICENSES/REGISTRATIONS - Crime Prevention Through Environmental Design (CPTED), 2002

With over 30 years of experience, Jorge has extensive knowledge in architecture, landscape design, master planning, site design, contract documents, project administration, professional administration, and various other aspects of his profession. Mr. Borrelli has been Principal-in-Charge of Borrelli + Partners, Orlando for the past 32 years.

PROJECT EXPERIENCE

Mr. Borrelli has been responsible for various phases of the following projects:

PARKS, TRAILS, & RECREATION

City of Casselberry, FL

Wirz Trail

City of Florida City, FL

Hassee Lakeda Trail

City of Inverness, FL

Cooter Pond Park

City of Kissimmee, FL

John Young Parkway Pedestrian Bridge
Osceola Parkway Pedestrian Bridge
Shingle Creek Marsh Landing Marina
Shingle Creek Regional Trail, Sequence I
Shingle Creek Regional Trail, Sequence II
Shingle Creek Regional Trail, OGT Grant

City of Leesburg

Community Center at Venetian Gardens

City of Ocala, FL

Sholom Park Public Gardens

City of Ocoee, FL

Family Aquatic Center

City of Orlando, FL

Bicycle Plan Update
Dinky Line Trail
Downtown Connector Trail
Lake Eola Park
Loch Haven Park
Rock Lake Community Center
Trotters Park Concession/Restroom Building
Turkey Lake Park Boat House
Turkey Lake Park Guard House
Wetlands Park
Grand Avenue Community Center
Orlando Tennis Center

City of Oviedo, FL

Oviedo Community Center
Rails-to-Trails Conservancy, Flagler Trail Rendering

City of Sanibel, FL

Bikeway, Greenways & Trail Master Plan

City of Wekiva, FL

Pedestrian Bridges Concept Design & Renderings

City of Winter Haven, FL

Chain of Lakes Downtown Trailhead
Lake Maude Park Recreation Complex

City of Winter Springs, FL

Torcaso Park Fieldhouse Schematic Design

Collier County, FL

Florida Power & Light Greenway Trail Study
Vanderbilt Drive Pathway

Flagler County, FL

Lehigh Trail

FL Department of Transportation

District 1, Lake Okeechobee Recreation Area Master Plan
District 1, Lake Okeechobee Scenic Trail
District 5, SR 600/US 92 Pedestrian Improvements
D/B Concept Design - Daytona Beach, FL

Florida Keys Overseas Heritage Trail | Monroe County, FL

Big Coppitt Key Landscape Project
Florida Keys Overseas Heritage Trail Master Plan
Key West Botanical Gardens Trailhead
Key Largo Trailhead
Knights Key Trailhead Master Plan
New Trail Segment Design for Grassy Key & Big Coppitt
Safety Improvements

Lee County, FL

Bike, Pedestrian & Trails Master Plan

Orange County, FL

Back to Nature Feasibility Study & Rehabilitation Center
East Orange Regional Park Recreation Center
Little Econ Greenway Trailhead
Long Branch Park Master Plan
Parks Prototype Buildings
Pine Hills Trail
Shingle Creek Regional Trail

Osceola County, FL

Fortune/Lakeshore Multiuse Trail and Highland
Elementary Sidewalk for Safe Route to School
Shingle Creek Marsh Landing Adventures Marina
Shingle Creek Regional Trail

Pinellas County, FL

Pinellas Trail FPC Extension

Sarasota County, FL

Legacy Trail Design/Build

Seminole County, FL

Cross Seminole Trail Connector
Kewanee Trail
Red Bug Lake Road Pedestrian Overpass
Seminole Wekiva Trail Phase I
Seminole Wekiva Trail Phases II & III
Seminole Wekiva Trail Underpass
Wekiva Park

St. Johns County, FL

Rail with Trail Feasibility Study

2 | REQUIRED FORMS



CHRISTOPHER RICE, RLA, ASLA

Landscape Architect

EDUCATION - Purdue University, Bachelor of Landscape Architecture

LICENSES/REGISTRATIONS - Landscape Architecture: State of Florida, No. LA6667122

With over 29 years of professional experience in the landscape architectural field, Chris Rice has extensive knowledge and experience providing landscape design for educational facilities, commercial buildings, industrial facilities, parks and recreation developments, golf courses, and residential communities.

PROJECT EXPERIENCE

Mr. Rice has been responsible for various phases of the following projects:

INSTITUTIONAL

City of Miami Beach, FL

City of Miami Beach Fire Department

City of Ocoee, FL

United States Post Office

City of Orlando, FL

Planned Parenthood Orlando
Conway Water Treatment Facility
Continuing Services Contract

City of Oviedo, FL

United States Post Office

City of Pompano Beach, FL

Turning Point Bridge

Orange County, FL

Lift Station #5
Malcom Rd. Water Supply Facility
Orange County Fire Station 86

Seminole County, FL

International Community School

K-12 EDUCATION

City of Longwood, FL

Longwood Elementary School

Orange County Public Schools

High School Practice Field Assessment
Jones High School Athletic Facility Renovation
Northwest Bus Depot

PARKS/SPORTS FIELDS/TRAILS/RECREATION

Altamonte Springs, FL

Merrill Park Batting Cage/Bridge

Alva, FL

Caloosahatche Regional Park

Central Florida Zoo | Sanford, FL

Botanical Gardens-Sprouts and Seedlings Interactive Garden

City of Kissimmee, FL

Shingle Creek Regional Trail, North & South Segments

City of Leesburg, FL

Ski Beach Park
Venetian Community Center

City of Orlando, FL

Kaley Square Community Park
Lake Eola Expansion

Grand Avenue Neighborhood Center

Orlando Tennis Center

Barber Park Community Center & Gym Master Plan

Hastings, FL

St. John's County Equestrian Park

Indian River County, FL

Intergenerational Recreation Center at South County Regional Park

Miami, FL

YMCA South Dade

Mt. Dora, FL

Stoneybrook Hills Sportsfield

North Miami, FL

Oleta State Park RV and Campground

Orange County, FL

Animal Services Interactive Yard
CO-OP Extension-Teaching Pavilion
Dr. Phillips Community Park
Econ Soccer Complex
Lake Lucie Equestrian Trailhead
Magnolia Park Feasibility Study
Parks Prototype Buildings
Shingle Creek Regional Trail

Orlando, FL

Avalon Park Sportsfield
Wyndham Lakes Estates Sportsfield

Osceola County, FL

Disney Wide World of Sports Ballfields

Pasco County, FL

New River Estates Sportsfield

Polk City, FL

R9 Soccer Academy Complex

St. Augustine, FL

West Augustine Park Ballfields (irrigation)

Sumter, South Carolina

University of South Carolina – Sumter Campus Practice Facility

Winter Garden, FL

Stoneybrook West Sportsfield

TRANSPORTATION

City of Deland, FL

Deland Intermodal Transportation Facility

Flagler County, FL

East Flagler Mosquito Control District Hanger

City of Orlando, FL

Virgin Trains USA Station at Orlando International Airport
Virgin Trains USA Vehicle Maintenance Facility

2 | REQUIRED FORMS

M. Scott Sowards, GPRT
SUE



Education

- Bachelors in Science in Telecommunications, Naval Communications College

Certified Training

- Ground Penetrating Radar
- Confined Space Entry Awareness
- Florida Department of Transportation Temporary Traffic Control

Organizations

- Sunshine State One Call
- American Public Works Association, Central Florida Branch
- Florida Utility Coordinating Committee
- Florida chapter of the Urban and Regional

Employment

Southeastern Surveying and Mapping Corporation
Utility Division Director

Florida
2004-Present

Scott has **over 29 years** of experience in subsurface utility engineering. He is responsible for coordinating, estimating, managing, and administrating utility projects for design and relocation, planning utility mapping projects for conflict verification, and coordinating with clients as well as utility owners to assure quality control/quality assurance.

Relevant Project Experience

Lake County, Municipal Projects, as Prime Consultant

- Lake County - Public Safety Logistics/Fleet, Utility Designation and Verification 2020-Active

Lake County, Municipal Projects, as Sub-Consultant

- North Lake Community Park, Utility Designation 2021
- City of Leesburg - 16" Force Main Replacement, Utility Designation and Location and Topographic Survey 2020
- City of Leesburg - Leesburg Aquatic Complex, Subsurface Utility Designation with Survey Collection 2020
- City of Leesburg: Teen Center- Griffin Rd., Subsurface Utility Designation with Survey Collection 2020
- City of Minneola - Minneola Water District Areas 2 & 3, Utility Designation and Verification 2020
- City of Mt. Dora - Mt Dora-Improvement to Wastewater Treatment Plant #1 PO20-994, Utility Designation with Survey Collection 2020
- City of Oviedo - Lockwood Boulevard and Mitchell Hammock Road Left Turn Improvement, Subsurface Utility Verification 2020
- City of Daytona Beach - Division Street Improvement, Subsurface Utility Designation with Survey Collection 2019
- City of Lake Mary Water Treatment Plant, Subsurface Utility Verification with Survey Collection of Test Holes and Drafting Services 2019

Lake County, General Projects, as Prime Consultant

- US 19 and Dead River Rd. - Traffic Signal Pole Foundations, Subsurface Utility Verification 2019
- 3045 Isola Bella Boulevard, Utility Designation 2019
- Utility Emergency Locate 3310 Green Swamp Road, Subsurface Utility Designation 2019
- Lake Square Mall – Water Leak behind Sears Store, Utility Mapping, Subsurface Utility Designation 2018
- Cutrale Citrus Juices USA, Inc.-Leesburg - New Dock Parking Area Utility Designation 2018

Lake County General Project, as Sub-Consultant

- 2501 Citrus Boulevard., Subsurface Utility Designation with Survey Collection 2020
- Chick-Fil-A Mt Dora Target Frontage Rd, Subsurface Utility Designation with Survey Collection 2020
- Walmart, 2501 Citrus Blvd., Subsurface Utility Verification with Survey Collection: 2020

Seminole County Municipal Project, as Sub-Consultant

- Seminole Wekiva Trail - Grade Separated Feasibility Study at SR 436 and SR, Topographic Survey, Subsurface Utility Designation, Subsurface Utility Verification Exploratory Active
- City of Casselberry - 17/92 WM Looping SR 436 Ridge, Subsurface Utility Designation and Verification 2019

2 | REQUIRED FORMS

Edwin Munoz, Jr. PSM
Survey/Mapping
2020 Florida Registration LS7288



Education

- Geomatics Certificate, University of Florida
- Bachelors of Arts in Business Administration University of Central Florida
- Associates in Science in Drafting and Design Technology, Eastern Florida State College
- Continuing Education for Licensing Requirements

Organizations

- Central Florida Chapter of the Florida Surveying and Mapping Society
- National Society of Professional Surveyors
- Florida Surveying and Mapping Society

Employment

Southeastern Surveying and Mapping Corporation
Project Manager

Florida
2017-Present

Edwin has **over 10 years** of Professional Surveying and Mapping Experience. His responsibilities include research, reconnaissance, project coordination and scheduling field and office personnel for a variety of both private and public survey projects. Edwin has extensive experience in all aspects of surveying and mapping services including topographic, boundary, right-of-way (R/W), mapping, control, specific purpose, hydrographic, construction layout, program and budget development, presentations to public entities, and project management with embedded QA/QC and various other survey types, as well as producing plat maps and reports, setting monuments, marking boundary lines, and other duties related to surveying.

Johnstons Surveying Survey Technician	2015-2017
Brown Surveying Survey Technician	2012-2015
Brunner and Associates Survey Technician	2011-2012

Relevant Project Experience

Lake County Municipal Projects, as Prime Consultant

- Lake County - Public Safety Logistics/Fleet, Boundary and Topographic Survey, Utility Designation and Verification 2020-Active
- City of Tavares - Public Works Compound, Topographic Survey, Utility Designation, Utility Verification (Test Holes) 2021

Lake County Municipal Projects, as Sub-Consultant

- Lake County - North Lake Community Park, Topographic Survey, Utility Designation 2021

Lake County General Projects, as Prime Consultant

- Foreman Property Staking , Rough Staking
- Lake County Sheriff's Office - South District – Clermont, Boundary Survey Update 2020

Lake County General Projects, as Sub-Consultant

- 2605 Youngs Road Easement Surveying, Sketch and Description with Field Staking Active

Orange County Municipal Projects, as Sub-Consultant

- City of Belle Isle - Traffic Signal Pole Foundations, Topographic Survey and Utility Verification 2020
- The Packing District Park Project–Lift Station No. 37, Boundary Survey 2020

Orange County General Projects, as Sub-Consultant

- Waterview Apartments, Update ALTA/NSPS Land Title Survey 2020
- University Point , Construction Layout and As-Built Surveying 2020

Osceola County Municipal Projects, as Sub-Consultant

- Partin Settlement Road Widening Project – Part B Advanced, Design Survey with Utility Designation 2020
- Bryant Street Topographic Survey, Topographic Survey 2020

Seminole County Municipal Projects, as Prime Consultant

- Spring Valley Farms Drains (Underdrains), Topographic Survey, Utility Designation 2020

Seminole County Municipal Projects, as Sub-Consultant

- City of Oviedo - Franklin Street Extension Final Design , Additional Topographic Survey with Sketch and Descriptions 2021
- City of Altamonte Springs - Multimodal Flexible Pathway, Additional Topographic Surveying and Utility Verification 2020
- City of Casselberry Wheel Park West Side, Boundary and Topographic Survey 2020



Richard P. McCormick, P.G. Contamination



Rich McCormick has 29 years of experience performing environmental and geological services on public infrastructure and private development projects. Rich has provided numerous Level 1 Contamination Screening Evaluation Reports (CSERs) and Level 2 Contamination Impact Assessments (CIAs) for major highway and rail projects in Central Florida. He has extensive experience in field sampling of soil and groundwater in accordance with Florida Department of Environmental Protection (FDEP) Standard Operating Procedures (SOPs).

EXPERTISE:

Level 1 Contamination Screening Evaluation Reports (CSERs)

Level 2 Contamination Impact Assessments

Soil and Groundwater Sampling

YEARS OF EXPERIENCE:

29 years of experience
15 years with GEC

EDUCATION:

Bachelor of Environmental Sciences and Geology
1992 | Eastern Connecticut State University

LICENSES:

Licensed Professional Geologist FL No. 2096,
Georgia No. 2014,
Tennessee No. 5765

PROFESSIONAL CERTIFICATIONS:

OSHA 40-Hour Hazardous Materials Health and Safety Certification

OSHA 8-Hour Refresher Course – Annually

LPS Training 8-Hour

Florida Stormwater, Erosion & Sedimentation Control Certification

South Lake Trail, Lake and Sumter Counties, Florida. Senior Geologist for the contamination evaluation for 10 alternative trail alignments and presented findings to aid in alternative alignment selection on an 8-mile multiuse trail, encompassing Groveland and Mascotte in Lake and Sumter Counties. The proposed trail extends from the existing Van Fleet Trail to Villa City Rd/CR 565. The proposed trail follows the abandoned Seaboard Coastal Railroad corridor.

Lake Wekiva Trail from SR 46 to Hojin Street (LAP), Lake County, Florida. Senior Geologist for CSER and Level 2 Contamination Evaluation for the new multi-use trail along the Seaboard Coast Line Railroad and included a shared-use pathway, utility adjustments and drainage improvements. The study area contained a railroad corridor, oil depot, concrete plant, auto repair facilities, and agricultural land among 19 sites of concern. Level 2 assessment revealed arsenic and polycyclic aromatic hydrocarbon soil impacts along the railroad corridor. Plan notes were provided to reduce worker and public exposure to potential contaminant exposure during construction activities.

Lake Monroe Trail Loop, Seminole County, Florida. Senior Geologist for the Contamination Screening Environmental Report (CSER) of this trail corridor that identified 24 sites and assigned contamination risk potential rankings for potential hazardous materials and petroleum-impacted sites within the project study limits.

City of Titusville Rails to Trails Phase 2 Design-Build, Brevard County, Florida. Project Geologist for the limited contamination evaluation activities at the proposed Rails to Trails project located along the former Florida East Coast Railway bed near Draa Road to Canaveral Road in Titusville. The scope included evaluating the presence of arsenic-impacted soil along the former rail line and providing recommendations for handling the contaminated soils during construction.

East Central Regional Rail Trail – PHASE 4A from Guise Road to Gobbler’s Lodge Road, Volusia County, Florida. Senior Geologist for the new 3.6-mile multi-use trail constructed along Maytown Road in Osteen to enhance pedestrian and bicyclist safety. The CSER investigation identified five sites that were assigned Contamination Risk Potential Ratings. A Level II Assessment identified arsenic soil impacts along the historical railroad alignment. Plan notes were provided to reduce worker and public exposure during construction activities.

2 | REQUIRED FORMS



Craig G. Ballock, P.E. Geotechnical



Mr. Ballock has 17 years of experience in geotechnical engineering in the Central Florida area. Craig has performed geotechnical engineering services for numerous infrastructure-related public works projects for Lake, Orange, Seminole and Osceola Counties. He has also worked on major transportation infrastructure projects for FDOT, Florida's Turnpike Enterprise (FTE) and the Central Florida Expressway Authority (CFX).

EXPERTISE:

Geotechnical Engineering

Construction Materials
Testing

YEARS OF EXPERIENCE:

17 years of experience
16 years with GEC

EDUCATION:

Master of Science
2007 | Civil Engineering
University of Central
Florida

Bachelor of Science
2004 | Civil Engineering
University of Central
Florida

LICENSES:

Florida Licensed
Professional Engineer
FL No. 71571

PROFESSIONAL

ORGANIZATIONS:

American Society of Civil
Engineering (ASCE)
Member

ASCE East Central Florida
Branch Past President

ASCE East Central Florida
Branch Geo-Institute
Chapter Former Chair

ASCE East Central Florida
Branch Charity Golf
Tournament Chair

Florida Engineering Society
(FES) Member

SR 40 Multi-Use Trail, Marion County, Florida. Project Manager for the 3.8-mile, 10 foot-wide multi-use asphalt trail. The alignment starts on the north side of SR 40 west of NE 60th Street and continues east approximately 3.8 miles following the SR 40 alignment, turns south under the SR 40 (via the Ocklawaha River Bridge) and ends at the Ray Wayside Park.

SR 46 Widening from US 441 to Vista View Lane, Lake County, Florida. Senior Geotechnical Engineer for 1.3-mile long widening of SR 46 from two to four lanes and 1.0 mile-long widening of US 441 from 4 to 6 lanes along with interchange re-design. The design project included a new 470-foot long fly-over ramp bridge, stormwater ponds, retaining walls and sinkhole risk evaluation.

Kissimmee Pedestrian Bridge over John Young Parkway, Kissimmee, Florida. Project Engineer for the geotechnical engineering investigation for the design of a 1,124-foot long pedestrian bridge crossing John Young Parkway. The bridge includes a 220-foot long single span and a total of approximately 900 feet of elevated walkway on both ends of the bridge. The main span of the bridge will be supported by pre-stressed precast concrete piles and the elevated walkway will be founded on shallow spread footings.

St. Johns River Trail-To-Sea Loop Trail, Volusia County, Florida. Senior Geotechnical Engineer for the design of a 1.25-mile segment of the St. Johns River-to-Sea Loop Trail (SJR2C) located in South Daytona. Major project elements are an 8- to 12-foot paved multi-use trail, extending from Ridge Boulevard to Beville Road. Geotechnical design challenges included a very shallow groundwater condition along the majority of the trail alignment.

SR 40 Widening from SR 11 to Cone Road, Volusia County, Florida. Senior Geotechnical Engineer for the 7.5-mile long widening of SR 40 from a 2-lane rural section to a four-lane rural roadway section. Scope included a 12-foot wide paved multi-use trail, 11 new wet detention stormwater ponds, 3 new flood plain compensation ponds, replacement of four existing box culverts and a new wildlife crossing culvert structure.

City of Kissimmee Lake Toho / Valencia Bike Path, Kissimmee, Florida. Geotechnical Engineer for the geotechnical investigation of shallow subsurface soils along the bike path alignment. Due to rigid right-of-way restrictions, excavating the deleterious organic soils encountered from beneath the trail alignment was not feasible and other alternatives (e.g. surcharging, geogrid, etc.) were evaluated and a surcharge program was developed to facilitate construction of the trail.

2 | REQUIRED FORMS



Florida's First Choice in Cultural Resource Management

LEE HUTCHINSON, RPA
Cultural Resources

Ms. Hutchinson, Senior Archaeologist/Project Archaeologist and ACI Laboratory Director, has 35 years of Cultural Resource Management (CRM) experience throughout Florida. She is responsible for crew, vehicle, and equipment scheduling for all FDOT District projects. Ms. Hutchinson also organizes and manages laboratory operations and oversees technicians in the analysis of artifacts including their identification, evaluation, and interpretation. She is responsible for collections management including the accessioning and treatment of cultural materials in compliance with pertinent federal and state regulations. Final curation, including packaging prior to conveyance to the client, or final disposition of the material to a curatorial facility, is under her supervision as well.



Professional Credentials

Meets the Secretary of Interior's Professional Qualifications Standards

Registered Professional Archaeologist (RPA)

M.A. Anthropology/Public Archaeology, University of South Florida, 1990

B.A. Anthropology, Marshall University, 1985

Florida Archaeological Council (Past-President)

Hillsborough County Historic Resources Review Board (Past Chair)

Florida Public Archaeology Network (Former Director)

Relevant Professional Training

Revised Section 106 Workshop

Cultural Resource Management Plans: Preparation and Implementations

Workshops in Ceramic, Faunal, Lithic Analysis, Human Osteology

CPR, Environmental First Aid, AED, and OSHA Certified

"Working Efficiently with Tribal Governments"

- Liaison between the FDOT Districts One, Five and Seven and the FHWA/SHPO for Continuing Services Contracts, Task Assignments, and PD&E Studies; responsible for preparing FDOT letters to the SHPO for final project submittal and approval.
- Oversight for over 500 cultural resource linear projects for the FDOT, Florida's Turnpike Enterprise, and various county and city governments.
- Lead technical writer for cultural resource assessment component for PD&E Study reports, pond siting Technical Memoranda, Right-of-Way Transfers, Corridor Re-Evaluations, and Bridge Replacements.
- Development of site predictive models for corridor analysis based on knowledge of current historic and prehistoric Florida environments, geology, and natural resources.
- Experience with alternate survey methods including ground penetrating radar (GPR), probing, and historic and modern aerial photography.
- Public involvement experience with certified local governments, county archaeologists, and other local agencies involved with historic preservation.
- Preparation of NRHP nominations, Determinations of Eligibility (DOE), Linear Resource Group Forms, and Florida Master Site File (FMSF) forms.
- Is the Lead Technical Person for ACI's Quality Control/Quality Assurance Compliance.
- Has training in Cemetery Resources Protection, attended cemetery seminars, monitors all GPR conducted at known and unknown cemetery sites.
- Coordinator for 811 Sunshine calls prior to field survey.

2 | REQUIRED FORMS

ATTACHMENT 4 - LOCATION AND PERCENTAGE OF WORK TO BE COMPLETED

22-902

Address of Prime Consultant's Designated Office where the majority of work will be performed	
Street	5555 E. Michigan Street
Street 2	Suite 200
City	Orlando
State	Florida

Percentage of total overall fees to be performed by the Prime Consultant's office above (Do not include percentage of fees anticipated to be performed on this project by subconsultants)	70%
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Address of Prime Consultant's other offices where work will be performed (if applicable)	
Street	Not Applicable
Street 2	
City	
State	

Percentage of total overall fees to be performed by the Prime Consultant's office above (Do not include percentage of fees anticipated to be performed on this project by sub-consultants)	70%
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Percentage of total overall fees projected to be performed by firms located within Lake County including the Prime Consultant and Subconsultants	30%
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2 | REQUIRED FORMS

ATTACHMENT 5 - TRUTH IN NEGOTIATION CERTIFICATION

TRUTH-IN-NEGOTIATION CERTIFICATION

1. Pursuant to Section 287.055(5)(a), Florida Statutes, for any lump-sum or cost-plus-a-fixed fee professional services contract over the threshold amount provided in Section 287.017, Florida Statutes for CATEGORY FOUR, the Consultant must execute this Certificate and include it with the submittal of its proposal or as prescribed in the solicitation.

2. The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project are accurate, complete, and current at the time of contracting.

3. The Consultant further agrees that the original agreement price and any additions thereto will be adjusted to exclude any significant sums by which Lake County determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments must be made within (1) year following the end of the agreement.

CONSULTANT

Firm Name: AVCON, INC.

Signature: *RVB*

Print Name: Rick V. Baldocchi, PE

Title: Vice President

This 24th day of September, 2021.

State of Florida

County of Orange

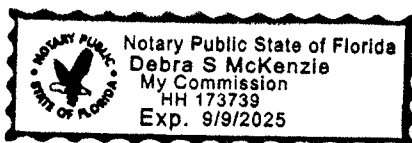
The foregoing instrument was acknowledged before me this 24th day of September, 2021

by Rick V. Baldocchi, PE
(print name of officer or agent)

on behalf of AVCON, INC.
(name of corporation/entity)

He/she is personally known to me or has produced _____ as identification.

(NOTARY SEAL)



Debra S. McKenzie
Notary Signature

Debra S. McKenzie
Print Name

9/9/2025
Commission Expiration: