



7 OTHER INFORMATION

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Similar Relevant Projects

As identified in Attachment 2 – References, **AVCON** has built its reputation from the results and relationships of its current and past projects. **AVCON's** long-term commitment to quality is represented in its level of service in providing engineering, planning and construction services. In this section we would like to provide descriptions of the projects similar in scope to this contract.

Wooton Park/TAV-LEE Trail Extension

City of Tavares, Florida
Completed 2018

The TAV-LEE Trail was a part of the Wooton Park Expansion project, which 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.



The TAV-LEE Trail is a 10.4-mile regional shared-use trail that connects the downtowns of Tavares and Leesburg. **AVCON** designed an extension of the trail along Sinclair Avenue and through the expansion of the Tavares Seaplane Marina and Park fronting Lake Dora. Design included extensive coordination with Florida Central Railroad resulting in new vehicle and pedestrian crossing surface gate arms. A restroom to service the trail and other amenities in the park were provided as part of the design services.

Pine Hills Multi-Use Trail

Orange County, Florida
Completed 2017

This project included 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 Duke Energy corridor for a distance of approximately 1.7 miles. 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. The total project length is approximately 2.5 miles. **AVCON** provided the complete design of two new traffic signals on Silver Star Road and on Pine Hills Road for mid-block crossings of the trail. Synchro software was used to determine LOS and proposed signal timings. **AVCON** prepared an application and obtained a permit for a stormwater drainage facilities and stormwater conveyance system through SJRWMD.



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AVCON worked with SJRWMD to treat a majority of the project as exempted and provided a permit modification for affected areas at Silver Star Pond and Barnett Park Trailhead. Based on **AVCON's** relationships with the water management district and extensive coordination prior to permit submittal, AVCON was able to obtain a permit for this project in four days! Though not required by SJRWMD, as a best management practice and with Orange County wishes, **AVCON** provided swales throughout the project limits to eliminate additional runoff from impacting adjacent businesses and residents.

Florida East Central Regional Trail Design-Build

Brevard County, Florida
Completed 2017

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 north of the Aurantia Road/Blounts Ridge Road intersection. The trailhead comprises pedestrian and equestrian accommodations and parking. Signing and pavement markings for bicycle and pedestrian designation were required throughout.



Lakeshore Trail Shared-Use Path

City of Deltona, Florida
Completed 2017

AVCON provided final engineering design for 3,022 LF of multi-use trail that connects Thornby Park to Green Springs. Services included the design of curb ramps and walls between the roadway and the trail, and two small pedestrian bridges totaling 116 LF. Utility stakeholders coordination was required. Completed tasks included:

- Multi-use trail design
- Construction cost estimate and schedule; design schedule
- Utility coordination and adjustment plans
- Roadway lighting, signing and pavement marking plans, and landscaping
- Design and plan preparation including design documentation and computations
- Permitting from various regulatory agencies
- Stormwater drainage design and analysis, calculations
- Structural design



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- Design survey including survey control
- Environmental analysis, mitigation, threatened and endangered species, hazardous materials and contamination evaluation
- Geotechnical exploration, soils, foundation, and pond reports, groundwater quality testing and reporting
- Erosion control, NPDES requirements
- Public involvement including newsletters, web pages, and meetings

Providence Shared Use Path – Phase 1

City of Deltona, Florida
Ongoing

Phase 1 comprises the East Central Regional Trail to Alexander Avenue and Tivoli Drive to Joyner Drive for a total distance of approximately 3.2 miles. 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.



The project is being funded by FDOT through the River to Sea TPO utilizing Federal Highway Administration money. Therefore, the project is subject to federal and state guidelines including the LAP.

Additional Similar Projects

Fort Frasier Trail

Lakeland, Florida
2014

The Fort Frasier Trail is a joint venture between Polk County, FDOT, and the Cities of Lakeland and Bartow. The initial phase of the Trail travels through pasture, citrus groves, and residential areas on the abandoned CSX Trail corridor. 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. Three existing railroad trestles were used to cross existing streams and wetland areas. 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. Fourteen interpretive markers were provided along the length of the corridor. **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.



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SR 415 SR 442 Pedestrian Bridges, Design Build DeLand, Florida 2015

This project consisted of design and preparation of construction plans for the pedestrian bridges over SR 415 in Osteen and SR 442 in Edgewater, Florida. Components of the construction plans included key sheet, general notes, project layout, typical sections, roadway plans, traffic control, stormwater pollution prevention plan, and detailed structural plans. Structural calculations including bridge loading were performed for the project. Final design services involved the preparation of construction plans, technical specifications, and special provisions as part of the Signed and Sealed released for construction documents. Technical specifications and special provisions were prepared to Volusia County and FDOT standards. In addition, **AVCON** input the actual design in a Revit model and produced a true to life rendering of the bridge that was presented at the groundbreaking ceremony. The project involved extensive utility coordination. **AVCON** coordinated the relocation of overhead electric power lines with Florida Power and Light as well as Bright House Networks cables that were running on the same pole line.



Westmoreland Path Orlando, Florida 2017

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. The City of Orlando provided design for phases 1, 3, and 6 while, **AVCON** prepared design documents for phases 2, 4, and 5. **AVCON** also 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.



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Project Team Workload

All members of the **AVCON** team are prepared to bring forth the full resources necessary to provide for timely, responsible, and cost-effective planning and design solutions to meet the County's needs for this important contract. All members of the team have worked together on previous assignments and are experienced in multiple services with highly successful results.

Having analyzed the team members' current workload and projected projects, each team member's estimated availability percentage to complete all project elements is included in the table below. The team has complete access to technical staff and resources to meet every need of this contract. The extent of the team's resources allows for full-time involvement of personnel assigned to the project.

AVCON has adequate time available and personnel to complete services on schedule. In addition, **AVCON** has additional backup staffing capability in the event of unforeseen circumstances. **AVCON** guarantees that the project staff and proposed key personnel will meet and exceed project staffing needs.

Project Manager, Clint Pletzer, PE, will allocate a total of up to 50% of his time to the County, with 75% of that time dedicated to project management and task leadership roles, as well as being available another 25% of the time for miscellaneous and technical tasks.

Team Member Name	Project Role	Firm Name	Project Availability
Clint Pletzer, PE	Project Manager	AVCON, INC.	50%
Rick Baldocchi, PE	Principal-in-Charge	AVCON, INC.	25%
Clint Pletzer, PE	Utilities Coordinator	AVCON, INC.	50%
Michael Duers, EI	Traffic Engineer	AVCON, INC.	30%
Luca DelVerme, PE	Structural Engineer	AVCON, INC.	30%
Jason Houck, PWS, GISP	Environmental	Inwood	20%
Cameron DeWitt, PE	Stormwater and Drainage	Inwood	20%
Jorge Borrelli, ASLA, LEED AP BD+C, CPTED	Landscape Architecture	Borrelli + Partners	20%
Christopher Rice, RLA, ASLA	Landscape Architecture	Borrelli + Partners	20%
M. Scott Sowards, GPRT	SUE	SSMC	20%
Edwin Munoz, Jr., PSM	Survey and Mapping	SSMC	30%
Richard P. McCormick, PG	Contamination	GEC	20%
Craig G. Ballock, PE	Geotechnical	GEC	20%
Lee Hutchinson, RPA	Cultural Resources	ACI	10%

AVCON Team Commitment

- ✓ Project Manager commitment;
- ✓ Ability to proactively work and respond to the County's needs;
- ✓ Full access to technical staff and resources to meet all the needs of the project

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Florida Department of Transportation Prequalification Letters



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

September 21, 2021

Jerry Conway, Controller
AVCON, INC.
5555 East Michigan Street, Suite 200
Orlando, Florida 32822

Dear Mr. Conway:

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

Group 2 - Project Development and Environmental (PD&E) Studies

Group 3 - Highway Design - Roadway

- 3.1 - Minor Highway Design
- 3.2 - Major Highway Design
- 3.3 - Controlled Access Highway Design

Group 4 - Highway Design - Bridges

- 4.1.1 - Miscellaneous Structures
- 4.1.2 - Minor Bridge Design

Group 5 - Bridge Inspection

- 5.4 - Bridge Load Rating

Group 6 - Traffic Engineering and Operations Studies

- 6.1 - Traffic Engineering Studies
- 6.2 - Traffic Signal Timing

Group 7 - Traffic Operations Design

- 7.1 - Signing, Pavement Marking and Channelization
- 7.2 - Lighting
- 7.3 - Signalization

Group 10 - Construction Engineering Inspection

- 10.1 - Roadway Construction Engineering Inspection

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

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
133.80%*	0.975%	Reimbursed	No	5.30%

*For multi-year contracts, DOT has adjusted the overhead rates to mitigate the adverse impacts of Payroll Protection Program loan forgiveness. For information on the adjusted overhead rates, contact the district Procurement Office.

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

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

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator

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Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

June 16, 2021

Edwin Buck, III, Chief Executive Officer
INWOOD CONSULTING ENGINEERS, INC.
3000 Dovera Drive, Suite 200
Oviedo, Florida 32765

Dear Mr. Buck:

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

Group 2 - Project Development and Environmental (PD&E) Studies

Group 3 - Highway Design - Roadway

- 3.1 - Minor Highway Design
- 3.2 - Major Highway Design
- 3.3 - Controlled Access Highway Design

Group 4 - Highway Design - Bridges

- 4.1.1 - Miscellaneous Structures
- 4.1.2 - Minor Bridge Design
- 4.2.1 - Major Bridge Design - Concrete
- 4.2.2 - Major Bridge Design - Steel

Group 5 - Bridge Inspection

- 5.4 - Bridge Load Rating

Group 6 - Traffic Engineering and Operations Studies

- 6.1 - Traffic Engineering Studies
- 6.2 - Traffic Signal Timing

Group 7 - Traffic Operations Design

- 7.1 - Signing, Pavement Marking and Channelization
- 7.2 - Lighting
- 7.3 - Signalization

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Group 13 - Planning

- 13.5 - Subarea/Corridor Planning
- 13.6 - Land Planning/Engineering

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

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
154.21%	0.236%	Reimbursed	No	1.52%

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

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

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

September 21, 2021

Jorge Borrelli, President
BORRELLI & PARTNERS, INC.
720 Vassar Street
Orlando, Florida 32804

Dear Mr. Borrelli:

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

Group 14 - Architect

Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. Your firm may pursue projects in the referenced work types with fees estimated at less than \$500,000.00. This status shall be valid until September 21, 2022, for contracting purposes.

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

Sincerely,

A handwritten signature in blue ink that reads "Carliayn Kell". The signature is written in a cursive, flowing style.

Carliayn Kell
Professional Services
Qualification Administrator

CBHK/kw

7 | OTHER INFORMATION



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

September 2, 2021

William Snarski, Controller
SOUTHEASTERN SURVEYING AND MAPPING CORPORATION
6500 All American Boulevard
Orlando, Florida 32810

Dear Mr. Snarski:

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

- Group 8 - Survey and Mapping
 - 8.1 - Control Surveying
 - 8.2 - Design, Right of Way & Construction Surveying
 - 8.3 - Photogrammetric Mapping
 - 8.4 - Right of Way Mapping

- Group 13 - Planning
 - 13.7 - Transportation Statistics

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

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
145.58%*	0.419%	Reimbursed	No	7.32%

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

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator

7 | OTHER INFORMATION



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

June 29, 2021

Rachel Andre, President
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC.
919 Lake Baldwin Lane
Orlando, Florida 32814

Dear Ms. Andre:

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

- Group 9 - Soil Exploration, Material Testing and Foundations
 - 9.1 - Soil Exploration
 - 9.2 - Geotechnical Classification Laboratory Testing
 - 9.3 - Highway Materials Testing
 - 9.4.1 - Standard Foundation Studies
 - 9.4.2 - Non-Redundant Drilled Shaft Bridge Foundation Studies
 - 9.5 - Geotechnical Specialty Laboratory Testing
- Group 10 - Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection

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

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Published Fee Schedule
168.49%*	0.298%	Reimbursed	No	2.42%	Yes

*For multi-year contracts, DOT has adjusted the overhead rates to mitigate the adverse impacts of Payroll Protection Program loan forgiveness. For information on the adjusted overhead rates, contact the district Procurement Office.

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Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator