



# Lake County | PROFESSIONAL ENGINEERING DESIGN SERVICES FOR WEKIVA TRAIL, SEGMENT 1

(RSQ 22-902)

October 7, 2021

LAKE COUNTY ADMINISTRATION BUILDING

4 | Subcontractors



**Environmental Science Associates (ESA)** is a California-based environmental consulting and planning firm committed to the principles of sustainability. They bring more than 50 years of experience in all aspects of project planning, environmental assessment, natural resource management, and regulatory compliance. In Florida, ESA has 30 years of experience in the transportation industry, and has expertise in aviation, transit, rail, port, and all facets of surface transportation; they serve FDOT statewide along with many airports, ports, counties, and municipalities. With Florida offices in Delray Beach, Orlando, Pensacola, Sarasota, and Tampa, ESA's experienced professionals have provided a variety of environmental consulting services, including, but not limited to:

- Environmental permitting and mitigation
- Seagrass studies
- Wetland and wildlife studies
- Threatened and endangered (T&E) species surveys
- Noise studies
- GIS/habitat mapping and analysis
- Land use/watershed planning and management
- Comprehensive ecological assessments
- NEPA alternatives analysis
- Impact analysis
- Construction inspection and monitoring
- Landscape inspection and vegetation management
- Stormwater management
- National pollutant discharge elimination systems (NPDES) coordination

ESA's experience includes many planning documents and PD&E studies, along with environmental support for design, design-build, construction, and maintenance projects. For PD&E studies, their scientists can complete the following study components, along with the related reports:

- Wetlands
- Protected species
- Essential fish habitat
- Water quality
- Section 4(f)
- Noise
- Air
- Farmlands
- Contamination screening evaluation

In addition, ESA have served as the technical writers for the environmental document compilation for Categorical Exclusion, EA/FONSI, and EIS levels of documentation. For design projects, they routinely lead the permitting efforts, including ERP, Section 404, sovereign submerged lands coordination, and USCG Bridge Permits, along with wildlife agency coordination (USFWS, NMFS, and FFWCC). In the construction arena, ESA have supported projects in the areas of wetlands, protected species, water quality, permit compliance, and landscape inspection; they have also supported storm-related emergency contracts.



### **ENVIRONMENTAL PERMITTING**

#### **Office Location**

5401 South Kirkman Road  
Suite 475  
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407.403.6300  
[www.esassoc.com](http://www.esassoc.com)

#### **Primary Contact**

### **Sandy Scheda**

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### Design-Build

ESA's professionals have completed the impact assessment, mitigation design, permitting, agency coordination, and environmental compliance tasks for several design-build transportation projects statewide, including those in the list below.

- FDOT D5 I-4 Orlando Reconstruction Design-Build (Osceola, Orange, and Seminole Counties)
- FDOT D1 I-75 over the Peace River (Charlotte County)
- FDOT D1 US 27 (from Barry Road to Lake County Line)
- FDOT D1 I-75 from Lee County Line to Sarasota County Line Design-Build Criteria Package (Charlotte County)
- FDOT D1 I-75 at Fruitville Road and I-75 at University Parkway Interchanges (Sarasota County)
- Hillsborough County Columbus Drive Extension (Hillsborough County)
- FDOT D1 I-75 from River Road to Jacaranda Boulevard (bridge widening and deck panel replacements)
- FDOT D1 I-75 FMS (Sarasota and Manatee Counties)
- FDOT D7 Lee Roy Selmon Crosstown Expressway Bridge Deck Replacement (Hillsborough County)
- FDOT D1 I-75 at US 301 and I-75 at SR 70 Interchanges (Manatee County)
- FDOT D4 Central Broward ATMS (Broward County)
- FDOT D3 US 331/Choctawhatchee Bay Bridge (Walton County)
- SFWMD L-8 Reservoir and Inflow/Outflow Structure (Palm Beach County)
- FDOT D7 I-75 from north of SR 52 to Pasco/Hernando County Line (Pasco County)
- FDOT D1 I-275 at I-75 Bridge Deck Replacement (Manatee County)
- FDOT D5 Wekiva Parkway Sections 4A/4B Design-Build
- Turnpike SR 528 DB Bat Exclusion (Orange County)
- Pensacola Bay Bridge Design-Build (Escambia County)
- FDOT D5 Wekiva Parkway Section 6 (Volusia County)
- THEA West Selmons Expressway Extension (Hillsborough County)
- FDOT D5 I-95/I-295 Interchange (Duval County)
- FDOT D3 St. George Island Bridge Replacement Design-Build (Franklin County)
- Lee County Metro Parkway (Lee County)
- FDOT D3 SR 300 (St. George Island) Bridge Replacement (Franklin County)
- FDOT D1 Irox (I-75 DBF in Collier and Lee Counties)
- City of Treasure Island Replacement of Capri and Palm Isle Bridges (City of Treasure Island)
- Hillsborough County Falkenburg Jail Phase IV (Hillsborough County)
- FTE Sawgrass Widening Design-Build (Broward County)
- FDOT D1 SR 70 Design Build from Lakewood Ranch Boulevard to Lorraine Road, (Manatee County)

### Assigned Staff

Sandra (Sandy) Scheda | Environmental Permitting

Tori Kuba | Environmental Permitting

**Geotechnical and Environmental Consultants, Inc. (GEC's)** experience with Central Florida trails, abandoned railbed corridors, pedestrian bridges, and parks is extensive and spans 30 years of serving our Central Florida clients. GEC is familiar with federal LAP-funding requirements for assignments involving contamination assessments, geotechnical engineering and construction materials testing:

- FDOT D5 SR 40 Multi-Use Trail
- FDOT D5 Coast to Coast Trail, Titusville Gap
- FDOT D5 US 17 Trail PD&E Study
- FDOT D5 SHR to Sea Loop Trail, Myrtle Avenue
- FDOT D5 Coast to Coast Trail, Orange Gap Seg 2
- FDOT D5 South Sumter Connector Trail PD&E Study
- FDOT D5 South Lake Trail Phase IV, Van Fleet Trail with Pedestrian Bridge
- Volusia County Spring to Spring Trail w/Pedestrian Bridge (LAP)
- Titusville Rails to Trails (included Pedestrian Bridge) Phase 2
- City of Kissimmee Trail Pedestrian Bridge over John Young Parkway (LAP)
- City of Kissimmee Bike Trail from Dyer Blvd to US 192 at Shingle Creek (LAP)
- City of Kissimmee Bike Trail US 192 at Shingle Creek Extension (LAP)
- City of Kissimmee Lake Toho/Valencia Bike Trail (LAP)
- City of Kissimmee Lake Tivoli Bike Trail (LAP)
- City of Kissimmee Shingle Creek Trail and Pedestrian Bridge
- Osceola County Ray Sessions Pedestrian Bridge
- Osceola County Babb Citrus Park Boardwalk
- Osceola County Fortune Road Lakeshore Multi-Use Trail and Pedestrian Bridge
- City of Sanford Goldsboro Trail Phase II Design
- Seminole County Wekiva Trail, Phase IV (LAP)
- Seminole County Cross Seminole Trail, North and South Segments
- Seminole Wekiva Trail Enhancements (LAP)
- Lake County Tav-Lee and Lee-Wild Trails PD&E Study (LAP)
- Lake County Tav-Lee Trail Final Design (LAP)
- Lake County Lee-Wild Trail and Gardenia Trail Final Design (LAP)
- Lake County Tav-Lee Trailhead Building, Tavares (LAP)
- City of Lakeland Fort Fraser Trail
- Orange County Cady Way Trail Pedestrian Bridge over SR 436
- City of Maitland Bike Path (LAP)
- City of Mt. Dora Palm Island Pk Ph 2 Boardwalk Improv.
- City of Orlando Shingle Creek Trail & Pedestrian Bridge
- City of Orlando Dinky Line Trail (environmental consulting)

### Assigned Staff

Craig Ballock, PE | Geotechnical

Richard McCormick, PG | Contamination



### GEOTECHNICAL AND CONTAMINATION

#### Office Location

919 Lake Baldwin Lane  
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#### Primary Contact

### Craig Ballock, PE

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407.898.1818

**Global-5, Inc. (Global-5)** is a full-service public involvement firm with more than 25 years of award-winning experience and exceeding client expectations. Global-5's additional areas of expertise include media relations, marketing, video production, and training firm. The company is an FDOT SBE-certified, woman-owned small business.

Global-5's public involvement and engagement experience includes roadway feasibility, design, and construction projects throughout District 5 and the state of Florida. Global-5 has managed all public involvement efforts for the I-4 Ultimate construction and I-4 Beyond the Ultimate design and construction projects. Global-5 also managed public involvement efforts for Florida's M-CORES predesign phase and DB Civil's Tiny Road construction in Orange County. FDOT continues to rely on Global-5 to work on many of its high-profile projects because of our exceptional results, existing relationships with community partners and stakeholders, and a thorough understanding of FDOT's processes and preferences—including value engineering and FDOT's Public Involvement and Information Handbook.

The "5" in Global-5 represents the five service areas they provide:

- Public relations and outreach
- Digital marketing and advertising
- Knowledge transfer and learning management systems
- Research and strategy
- Event management

By delivering on these services, Global-5 has built lasting relationships with their local, national, and international clients. Their understanding of their clients' needs empowers them to design, build, launch, and maintain successful public relations and marketing programs that engage target audiences, solve business problems, and achieve their clients' goals and objectives. The clients they have been proud to serve include:

- Federal Highway Administration
- FDOT (Central Office and Districts 5, 7, and 1)
- Georgia Department of Transportation
- Virginia Department of Transportation
- West Virginia Department of Transportation
- Orange County (FL)
- Noise
- Air
- Farmlands
- Contamination screening evaluation

We provide public relations, marketing, creative, digital, and research and strategic services all under one roof from our office in Central Florida, which saves time and money for our clients. From our experience working with city, county, state, regional, federal and international transportation agencies, Global-5 is skilled at transferring organizational knowledge, processes and best practices from the top of the pyramid to the base, and then back up again.

### Assigned Staff

John Hamill | Public Involvement

Chris Patton | Public Involvement



### PUBLIC INVOLVEMENT

#### Office Location

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800.570.5743  
www.global-5.com

#### Primary Contact

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**SEARCH, Inc. (SEARCH)** is the largest archaeology and cultural resources management company in the US, and SEARCH20 is the largest underwater archaeology program. SEARCH specializes in the full spectrum of cultural services related to archaeology, maritime archaeology, architectural history, history, archives and museum services, and media production. Since 1993, SEARCH has completed more than 3,700 projects across 44 states and 37 countries, spanning five continents and three oceans. Commercial and government customers in the energy and power, defense, federal, transportation, and development markets have selected SEARCH for more than \$250M in prime contracts and \$2.3B in team contracts. SEARCH's staff of nearly 170 employees work from over 50 facilities to conduct 300 projects per year and deploy 20 or more field teams per week.

### SEARCH Transportation Experience

SEARCH has unmatched experience in completing transportation projects according to federal and state guidelines, including Sections 106 and 110 of the National Historic Preservation Act of 1966, as amended, the Section 303/Section 4(f) Evaluation Process (USDOT Act of 1966), and Chapter 267, Florida Statutes. SEARCH offers our transportation clients 24 years of district-wide contracting experience including:

- 14 FDOT district-wide contracts (SEARCH as prime)
- 64 FDOT district-wide contracts (SEARCH as subconsultant)

SEARCH holds district-wide cultural resource services contracts with the FDOT District 2 (Northeast Florida) and District 6 (South Florida). SEARCH is also a member of one team providing interstate program management to District 1, one team providing District 2 with ETDM and environmental support services, four teams providing District 3 with district-wide PD&E and environmental assistance services, two teams providing PD&E and ETDM support to District 4 (Southeast Florida), 16 teams providing engineering and environmental support to District 5, three teams providing PD&E support to District 7 (East Central Florida), and one team providing environmental review and analysis support to the FDOT State Office of Environmental Management Office (OEM). SEARCH also provides cultural resource services to Florida's Turnpike Enterprise through the FTE's General Engineering Consultant contract.

### Dedicated Transportation Group

The SEARCH transportation group is led by Beth Chambless, MS, RPA, who is supported by a team of 25 archaeologists, architectural historians, historians, GIS specialists, and support personnel, who are able to utilize the expertise and resources of the entire company. The SEARCH transportation group's sole focus is providing world-class technical services, project management, and customer service to their clients.

### Assigned Staff

Mikel Travisano, MS | Cultural Resources

Angela Matusik, MA | Cultural Resources



## CULTURAL RESOURCES

### Office Location

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### Primary Contact

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LAKE COUNTY ADMINISTRATION BUILDING

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