

## Florida Engineering and Field Services Group, llc.

A Subsidiary of Southeast Contractors Unlimited

*“Exceeding Expectations “*



### Are you looking for a company that will provide you with more than just a short-term solution?

**Florida Engineering & Field Services Group** (Florida E & FS Group) collaborates with our clients to provide long-term solutions and partners with you every step of the way. We are Ideally positioned to help you with all of your network design and build needs, our engineers and consultants have the technical knowledge and industry expertise to help you minimize risk, manage technology implementation, and determine the most cost-effective approach to delivering a solid Return on your Investment.

**As an engineering, consulting and construction management firm,**

***Florida Engineering & Field Services Group provides integrated services to the commercial, communications, power, and infrastructure markets from conception to completion.***

Florida E & FS Group provides Distribution Engineering Design Services that are part of sag study projects, transmission line rebuilds and re-ratings. These areas of concern include clearance to ground issues, interference by additional structures, crossing lines and other Distribution and Transmission facilities.

Florida E & FS Group resolves Distribution clearance issues through an initial field assessment to provide feasibility of the initial remedy. In addition to a completed engineering design, overall project coordination, including all third party utilities, is provided throughout the construction of the design.

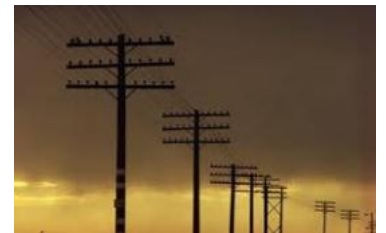
**We are a specialized consulting-engineering firm** that provides state-of-the-art engineering and design services for telecom carriers, utilities, cable/broadband service providers, municipalities, educational institutions and large private enterprises.

Our services also include professional engineering, strategic consulting and analysis, and voice, data, video and wireless communications network design, as well as implementation services.

### UTILITY POWER INFRASTRUCTURE

**Florida E & FS Group** takes pride in providing responsive design, inspection, right-of-way, maintenance and construction services for electric utility lines. Using new technologies and innovative approaches to problem solving, our planners, engineers and construction experts develop flexible, cost-effective solutions for public and private-sector clients with varying needs.

Florida E & FS Group has developed in-house expertise to assist in monitoring, maintaining and protecting utility assets. These services include aerial inspections for NESC and utility company standards compliance, pole attachment inventory surveys, as well as post construction audits. Certified and equipped for confined space entry, our team has the capability to inventory manholes, perform conduit route studies, place pulling wire and perform pipe inspections. To assist with wide-spread power outages, the firm established an emergency response program for storm duty to provide system and life safety protection as well as post-storm inspection.



Our capabilities include route feasibility studies, conduit infrastructure, overhead design, relocation design, system expansion and code compliance. These abilities are supported by technical expertise in structural engineering, environmental permitting, geospatial system design, transportation engineering, and site facilities engineering. With this full suite of services, we are able to cover every aspect of a utility design project. We also offer post-construction compliance inspection for aerial and underground systems. Route studies of existing aerial and underground systems are available including application to the agency/owner through verification and claiming of an underground path. These abilities make us a true turn-key solution for any utilities needs.

**DISTRIBUTION POLE ANALYSIS   POLE REPLACEMENT   RE SAG POWER LINES   REMOVAL AND  
INSTALLATION OF DISTRIBUTION EQUIPMENT**

**MAKE READY ENGINEERING and REMEDIATION   ATTACHMENT REQUEST PROCESSING AND  
NOTIFICATIONS   ATTACHMENT INSPECTION**

**EVALUATIONS   NESC /G095 CLEARANCE INSPECTIONS   UTILITY CONSTRUCTION ( OH/UG )   POLE  
ATTACHMENT AUDITS   POST CONSTRUCTION   POLE LOADING ANALYSIS AND CLEARANCE**

### **Field Verification**

Our Engineering Design Team can conduct an Area Coverage Survey (ACS) to locate existing establishments and potential growth areas on existing and new Map/Plat systems. Field Verifications of existing plant and subscribers for new systems can also be performed.

### **Staking and Permitting**

Our Engineering Design Team provides clients exact Construction Drawings for Aerial, Buried and Underground facilities, compliant with National Electric Safety Code (NESC) and local building and electrical requirements. Based upon the Design, the Florida E & FS Group Engineering Design Team performs permitting for all state, local and federal authorities

### **Construction Monitoring /Quality Control Services**

We provide construction coordination, planning and monitoring of progress. Construction Inspection can be provided for assurance of construction quality.

Post Construction services include acceptance testing of all cables, cabinets, and access points, along with an inventory of facilities placed to verify contractor billing and assure accurate property records. Acceptance testing includes certification of all plant and hardware associated with the design.

### **GIS / CAD Services**

GIS/CAD Services Accurate and up-to-date mapping is crucial to nearly every element of your business. Everything from network maintenance, emergency response, budget forecasting and company valuation require these records be accurate in order to keep your company on course. Relying on single point dependencies and perishable paper records creates vulnerabilities for your customer, community and company. Our GIS/CAD Services take the guesswork out of geospatial management and ensure your business is on the right path. No matter the format or condition your maps are currently in, be it paper or electronic format, our GIS/CAD team can update it to the latest standard format and ensure they match your plant. We also offer an option for turnkey management of all plant and operational CAD records in our cloud-based system. Our technical resources, proven processes and systems help assure business continuity, improve operational efficiencies and reduce reporting errors through real-time geo-referenced intelligence. Florida E & FS Group provides the following GIS/CAD Services:

- Aerial Imagery and GPS
- Data Imports (FEMA, Soils, DFW, FCC)
- Report, Query and Analysis Capabilities
- Facilities Management System Integration
- Data Exports to "One-Call-Dig-Tess" and Google Earth
- Data Extraction and Normalization from Paper to CAD
- Graphical Object Assignment (Routes, Pedestals, CSA#)
- Ongoing System Updates and Support of Geographical Data
- Advisory Support and Recommendation for Network Improvements

***CONTACT US TODAY TO SEE HOW WE CAN BE A COST  
EFFECTIVE ASSET TO YOUR COMPANY***

***(352) 504-0204***