

## 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.

### COMMUNICATIONS INFRASTRUCTURE

Florida E & FS Group provides turnkey structured cabling and wireless design and installation solutions for outside plant, inside plant, security, A/V, and wireless infrastructures. By combining years of practical experience with our advanced technical skills, we deliver detailed, customer-specific technology infrastructure design, implementation, maintenance, and emergency restoration. We have established partnerships with industry-leading manufacturers and distributors to ensure the highest quality standards-based solutions and timely delivery of material and equipment. Services include:

- Audits and needs analysis
- Infrastructure design
- Pathway selection, engineering and permitting
- Voice/data/fiber OSP & ISP installation
- New construction
- Renovations and moves/adds/changes



### **Low Voltage Outside Plant Construction**

Florida E & FS Group provides comprehensive Outside Plant (OSP) engineering and field services. We lead you through a step-by-step process, from the initial OSP design to staking, public ROW procurement, contract and construction management, turn-up, testing and final acceptance. Our experience in utility construction influences designs resulting in an end-product that “builds easier” thus keeping overall costs down. We are dedicated to delivering a seamless, digital OSP engineering process creating a more efficient implementation. Whether you are seeking engineering engagement for a small project or a large turn-key project, Florida E & FS Group is dedicated to your success by delivering accurate, timely, and cost effective OSP engineering services.

### **Design-Build Communications**

Florida E & FS Group's engineers and technicians provide communications design-build services for copper and fiber structured cabling solutions, and outside plant services for voice and data, and wireless projects.

Services include:

- Pathway Selection, Engineering and Permitting
- Conduit, Manhole/Handhole Placement
- Directional Bore Trenchless Construction
- Aerial Overhead Installations
- Wireless Tower Facilities
- Retrofit and Tenant Fit-Out Projects
- Copper and Fiber Backbone / Riser Installation
- Security / Access Control / Tenant Entry / CCTV
- Audio Visual (AV) / CATV / SMATV
- Distributed Antenna Systems (DAS)
- Voice/Data Frame Layout and Installation
- Fiber and Copper Installation
- Fiber Optic Fusion Splicing
- Copper Splicing
- Service/Maintenance Contracts
- Emergency Response and Service Restoration

### **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.

## Inside Plant Design and Installation

Florida E & FS Group combines practical experience and cutting-edge technical skills to provide detailed, customer-specific technology infrastructure design and installation of structured inside plant cabling, security/access control, wireless, and A/V systems. Working with Fortune 1000, 500 Businesses, Hospitals, Healthcare Facilities, Colleges, Government Agencies, Hospitality Providers, Retail, Residential, and Industrial Markets, our team offers more than two decades of extensive experience specializing in design, installation, maintenance and emergency restoration of custom network infrastructure systems.

Our Services Include:

- New construction projects
- Retrofit and tenant fit-out projects
- Moves, adds and changes (MAC)
- Copper and fiber backbone / riser installation
- Security / access control / tenant entry / CCTV
- Audio visual (AV) / CATV /
- Distributed antenna systems (DAS)
- Certified copper and fiber test results
- On-site technical support
- Voice / data frame layout and installation
- Infrastructure audits and needs analysis
- Under-floor / raised floor systems

**Using leading edge technologies and “outside the box” approaches**, our design engineers and technicians work with our clients to develop customized implementation strategies that meet the most demanding requirements.

Our commitment to quality, safety and customer satisfaction ensures successful, cost-effective installations and long-term customer relationships.

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

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