

# Superior Engineering Services



**PICKETT**  
SURVEYING • ENGINEERING

Pickett is an accomplished engineering company specializing in professional design services and project management for the transmission, substation, and generation sectors of the power industry and the telecommunications industry.



Our firm provides engineering services using technically superior processes, providing greater value for clients and enhanced designs for construction.

Through our team approach, strong technical abilities and effective communication skills, we operate seamlessly with clients, vendors, permitting agencies and various other entities to achieve project requirements and objectives. Our standards for on-time, quality engineering make us an exceptional service provider to the power and telecommunications industries.



# Superior Engineering Services



**PICKETT**  
SURVEYING • ENGINEERING

Pickett's mission is to provide safe, economical, high quality and on-time engineering and project support services to its clients while becoming a trusted, flexible and reliable extension of their internal staff.

Our primary clients are investor-owned utilities, electric cooperatives, environmental consultants, construction companies, telecommunications companies, and power and telecom consultants.

Pickett provides the following products and services to its clients within the transmission, generation/substation and telecom markets:

## Transmission

- Transmission line design (69kV - 500kV)
- Foundation design for direct buried, drilled shaft, pile-supported and marine structures survey
- Design of engineered structures, special structures and structure load trees
- Development of plan/profile drawings
- Development of construction work order packages
- Design and permitting of construction access roads
- NERC FAC-008 compliance engineering
- Design criteria development
- EMF analysis
- Cost estimating and analysis
- Development of federal, state and local permit drawings
- Shop drawing review and coordination of vendor materials
- Project management support services
- Field engineering services
- Construction specification review and development
- Training and presentations
- Distribution, joint use & DOT coordination
- Access management plans & traffic control plans
- Clearing plans and work order package development
- Stormwater pollution protection plan development

## Generation/Substation

- Foundation design for equipment, piping and steel structures
- Transformer foundations
- Oil containment structures
- Control equipment enclosures
- Steel platform and utility rack design
- Firewall design
- Cable tray and pipe support design
- Equipment anchorage design
- Shop drawing review and coordination of vendor materials
- Project management support services
- Construction specification review and development

## Telecommunications

- Structural analysis of monopoles and lattice towers
- Structural analysis of joint use transmission structures
- Design of new transmission structures for telecom attachment
- Structural analysis of rooftops and antenna connections
- Water tower analysis
- Stealth site design
- Permit and construction drawing development
- Lease exhibits
- Steel platform design
- Retrofit of existing sites
- Equipment and shelter foundation design
- Drilled shaft and direct-buried foundation design
- Drainage calculations
- Field engineering services



Learn more about how Pickett can help you  
by visiting [www.pickettusa.com](http://www.pickettusa.com)  
or calling 813.877.7770