COMPANY COMPETENCIES

Prepared for: Motorola’s Local Program (LPA)

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CFS Engineers is a leading provider of professional engineering, planning and surveying services. Our staff of approximately 90 professionals considers it a privilege to have partnered with communities for the past half-century, and we are just as committed today to our core-values of service, as when we began in 1961.

To Cook, Flatt & Strobel, engineering is more than just an eye-pleasing design. To us, engineering means relationships, community and trust while forging lasting, reliable partnerships with common goals. We work hard to deliver quality with passion while remaining flexible and dependable.

We strive to have excellent interactions with our clients, bringing them both our expertise and experience to create better neighborhoods, safer streets, and sound structures.

Our work has been recognized, our achievements celebrated and our efforts rewarded. Several CFS led projects have received national awards for creativity and design, including top industry awards for engineering excellence.

Within each project, we strive to improve quality of life, protect natural resources and better the environment in which we all live. CFS integrates a broad range of services within one organization, offers comprehensive approaches to clients, and provides expertise to infrastructure challenges.

We're not just an engineering firm; we’re an extension of your values and hard work.

CFS is also listed on MoDOT’s Approved Pre-Qualifications List.

Engineering and Design Services Include:
- Transportation
- Planning
- Surveying
- Bridge/Structures
- Construction Inspection
- Public Utilities
- Geotechnical
- Site Development
- Multi-Modal
We at CFS believe all successful transportation projects are founded on three key elements: planning and design expertise, on-going communications with stakeholders and clients, and delivery on budget and schedule. This mindset we take into all of our projects.

Roadway Design Services Include:
• Location Studies - Corridor Planning
• Local Street Planning - Urban / Rural Arterial Design
• Freeway Design
• Multi-Level Interchange Design

Roadway Design Services Include:
• Communication & project coordination with client and stakeholders
• Pre-Construction Meetings
• Coordination with Utility Companies
• Material Certifications
• Monitoring Roadway Construction Activities
• Maintaining complete project documentation
• Preparing pay estimates and change orders
• Providing periodic reports to the client
• Conducting final inspection and final pay estimates
• Conducting weekly contractor progress meetings

With our in-depth experience working with local public agencies, we have seen a tremendous growth in several communities’ desire to provide infrastructure that enhances the quality of life for all. Citizens see trails and pathways as necessities to create thriving, exciting, and vibrant areas. Over the last 10 years CFS has provided professional engineering services to over 15 communities accounting for over 75 miles of trails and multi-use pathways.

Trail & Sidewalk Services Include:
• Trailhead Design
• Trail Gateway Design
• Multi-Use Pathway Design
• Shelters/Restrooms
• Maintenance Facilities

Construction Inspection Services Include:
• Location Studies - Corridor Planning
• Local Street Planning - Urban / Rural Arterial Design
• Freeway Design
• Multi-Level Interchange Design

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Traffic Engineering & TEAP.

As communities change and grow, it is critical to maintain a safe and efficient transportation network. This effort often includes the analysis of traffic conditions, regarding flow, congestion, accidents, and changes in land use. Analyses can also involve the interplay of vehicles with pedestrians, bicyclists and public transit. Solutions that can come from these types of studies can be signalization of intersections, roadway geometric improvements, enhanced signing, striping...
Traffic Engineering & TEAP Services Include:
- Traffic Counting
- Safety Auditing
- Traffic Modeling
- Bicycle/Pedestrian Level of Service Analysis
- Roadway Alternative Analysis
- Signal Design (including pedestrian signals)
- Signing Design
- Pavement Marking Design
- Lighting Design

Structures.

Bridges are the foundation of CFS. Whether it’s a design for highway separations, pedestrian bridges, long span railroad crossings or stream crossings, CFS can determine and execute the most suitable design and construction approach. We are constantly seeking new technology in highway and bridge design in order to assist our clients in achieving the safest, most efficient and convenient movement of people and goods.

In addition, CFS has provided load rating and biennial inspection services for thousands of existing bridges throughout the Midwest. We also perform structural inspections on over 800 bridges each year.

Structure Services Include:
- Highway Separations
- Pedestrian Bridges
- Long Span Railroad Crossings
- Stream Crossings
- Bridge Design & Inspection
- Bridge Rehabilitation
- Structural Analysis
- Load Rating
- Biennial Inspections
- SI & A Sheets