

November 15, 2013

Mr. Kenny Voss, PE
Local Program Administrator
c/o Mary Ann Jacobs
Missouri Department of Transportation
105 West Capitol Avenue
Jefferson City, MO 65102

Re: Request for Letters of Interest, **Missouri's Local Program On-Call Services: Roadway Design**

Dear Mr. Voss:

Cook, Flatt & Strobel (CFS) Engineers is pleased to submit our letter of interest to provide On-Call Engineering Services for the category specified as Missouri's Local Program Roadway Design. Having a long history of providing transportation engineering services throughout the state of Missouri, we are qualified to provide these services and are confident our staff, with their depth of understanding and capability, stands above the rest. We have current on-call contracts with seven communities throughout Missouri.

The benefits of the CFS team can be summarized as follows:

- Over 100 years of combined experience in transportation design
- LPA on call services have been one of our core businesses since 1961
- Significant experience working with federal and MoDOT processes and staff throughout the state
- Offices in Kansas City, Springfield and Branson allow for easy client access anywhere in Missouri
- CFS Engineers' investment in and use of the **new Riegl VZ-1000 3-D Terrestrial Laser Scanner** increases the speed and accuracy of our mapping, shortening the timeline to Right of Way planning and roadway design, significantly.

ROADWAY DESIGN SERVICES

At CFS we are well aware that your local infrastructure needs continue to be a priority to your constituents. Projects, once prioritized, must move quickly through design to construction. CFS also has a proven ability to develop innovative solutions and provide cost-effective transportation alternatives and designs. Our entire staff has been through MoDOT and LPA certification and training.

Services we offer include:

- Corridor Planning
- Conceptual Alternative Analysis
- Preliminary Design Engineering
- Utility Coordination
- Right of Way Design
- Final Plans, Specifications, & Estimate (P,S & E) Design

RELEVANT PROJECT EXPERIENCE

The following is a list of recently completed or active projects our firm has provided in the state of Missouri.

U.S. 169 Interchanges (96th St and 108th St), MoDOT / Kansas City, Missouri - The City of Kansas City, Missouri teamed with MoDOT to accelerate the design and construction of roadway improvements to US 169, 96th Street (future Tiffany Springs Parkway) and 108th Street (future Shoal Creek Parkway). This work included the complete survey, design and construction of two new interchanges, roundabouts, additional 4 lane parkways, utility relocations and auxiliary lanes. CFS was tasked with performing all land surveying, description writing and monumentation of right of way for the entire project. In addition, CFS designed all roadway improvements along Shoal Creek Parkway from N. Holly Avenue to North Oak.

MO Rte. 740 (Stadium Boulevard), Columbia, MO - CFS was the lead consultant for the Stadium Boulevard Improvement Project in Columbia, Missouri. This unique and innovative partnership has brought together three TDD's (Transportation Develop District) with the City of Columbia and MoDOT. CFS worked on the corridor improvement that included increased roadway capacity, improved access management, enhanced traffic management and safety for pedestrians and bicyclists. This design also included plans for a diverging diamond interchange (DDI). This project is currently under contract.

US 71 & North Cass Parkway, Belton/Raymore, MO - North Cass Parkway was originally conceived as Relocated Route 58. CFS completed the corridor study and environmental documentation leading to a preferred location for a new east-west corridor across northern Cass County, extending from Route 291 to Route D (Holmes Road). CFS completed the final design of the first phase of this project in early 2008. CFS completed plans and a \$11,000,000 project was completed in 2009. The project contained a new diamond interchange at Route 71 (I-49), relocated frontage roads and approximately one mile of new roadway linking the communities of Belton and Raymore. CFS worked closely with MoDOT, Cass County, Belton, Raymore and the landowners representing the Transportation Development District (TDD).

Highway 76 Complete Street, Branson, Missouri - CFS was selected to lead the exciting and challenging **Transformation** of Missouri Highway Route 76 in Branson into a "Complete Street" whereby the roadway corridor is redesigned and reconfigured to enable safe, attractive, and comfortable access and travel for all users, including pedestrians, bicyclists, motorists and public transport users of all ages and abilities. The goals of the project include improvement to safety, reduction of visual clutter from overhead utility lines, aesthetic lighting management, and themed amenities such as benches, plantings and signage, encouragement of health through walking and biking, creation of a sense of place, improvement to social interaction, and generally improvement to the economic vitality of Branson's central attraction area. The key component of the corridor transformation is the implementation of a 15' wide multi-modal promenade that will link the tourist experience from Veteran's Boulevard to Shepherd of the Hills Expressway/Missouri Route 376. An unprecedented partnership between the City of Branson, CFS Engineers, and nearly 300 individual property owners has culminated into a plan for an exciting new destination for tourists and an incredible economic opportunity for stakeholders. CFS Engineers responsibilities include project management, MoDOT coordination, roadway planning and design and utility coordination, public involvement with property owners and preparation of construction documents.

Bennett Boulevard, Kearney, MO - CFS was responsible for the traffic analysis, design and coordination of construction of a new roadway improving access and safety near the Pilot Travel Center in Kearney, MO.

Longview Road, Kansas City, MO (Award-winning) - CFS was selected to design two phases of roadway widening projects on Longview Road for Jackson County and the City of Kansas City, Missouri. The first phase, went to construction in 2009, encompasses widening Longview from a two lane rural-type roadway to a three lane urban roadway between Hickman Mills Drive to Applewood Road. This project included bike lanes on each side, an enclosed storm drainage system, sidewalks and street lighting. Phase II was placed under contract in 2012.

Argosy Casino Parkway, Riverside, MO (Award-winning) - CFS performed professional design services for construction of a new ½ mile parkway connecting I-635 with the Entertainment District in Riverside, providing roadway and bridge plans, specifications and estimates for improvements to Argosy Casino Parkway including 2 separate roadway alignments. CFS also was responsible for round-about design, utility relocation plans, lighting, signing, and coordination with MoDOT.

Maplewoods Parkway, Kansas City, Missouri - The Maplewoods Parkway Project is being constructed by the City of Kansas City, Missouri Parks and Recreation Department and extends approximately 1.8 miles from NE 96th Street Northward past Staley Farms and the new Staley High school. CFS is currently designing the realignment, widening and reconstruction of Maplewoods Parkway from a two-lane roadway to a divided four-lane boulevard with variable width medians, four roundabouts, trails and a diversity of landscaping. This project includes bike paths, sidewalks, lighting and improved storm drainage. The proposed project will incorporate BMP practices by utilizing wide landscaped medians that include rain gardens to reduce storm water runoff. The rain gardens in the medians will also reduce the amount of sediment and siltation flowing onto adjoining properties. CFS responsibilities included project coordination, right-of-way, transportation system criteria, preliminary design, environmental permitting services, final design and construction documents, and public involvement.

DIVERSITY

At Cook, Flatt & Strobel Engineers our employees are what makes our business great. CFS is an equal opportunity employer, committed to hiring the most qualified candidate for any position; a policy that has resulted in a substantially diverse workforce. We incorporate our unique educational, managerial, political, ethnic and socioeconomic backgrounds to produce quality services that reflect the diversity of our team.

We work to develop opportunities and interest in CFS Engineers by actively hiring summer interns and provide opportunities and encouragement for students by sharing our enthusiasm for engineering at school sponsored college-career days. Our differences, our experiences and our passion make us a resilient, hardworking and dependable firm committed to diversification.

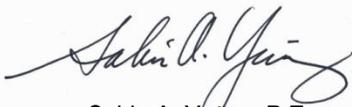
KEY TEAM MEMBERS

Our team believes the key to your project's success will be the personnel identified to deliver the work.

Key Team Members	Years of Experience	Project Role
Sabin Yañez, P.E.	28	Principal In Charge
Charles LePage, P.E.	25	QA/QC; MoDOT compliance; LPA compliance; Roadway Design
Angelo Mannino, P.E.	43	Utilities & Roadway Design
Rick Walker, P.E., P.L.S.	29	Roadway Design; Hydrology-Hydraulic Design
Joel Buffington, P.E.	16	Roadway Design
Lucas Williams, P.E.	10	Utilities & Roadway Design
Dallas Joplin, P.E.	8	Traffic Engineering; Roadway Design
Tom Ingram, P.E.	29	Sustainable/Environmental Design
Todd Polk, P.E.	25	Infrastructure Design; Roadway Design; Hydrology-Hydraulic Design
Bill Stafford, P.E.	40	Geotechnical Engineering
Kirk Baldwin, P.L.S.	19	Survey Management

CFS is a firm committed to providing Local Public Agencies with unparalleled technical expertise and service. We believe we are the right firm to help Local Agencies with their engineering challenges and will provide them cost-effective and innovative solutions that will address their needs while adhering to their budgets. Our goal is always to provide engineering solutions that address immediate needs, function well for future years and are adaptable for long-term master plans.

Respectfully submitted,



Sabin A. Yañez, P.E.
Principal

CFS

ENGINEERS

cfse.com

One Vision. One Team. One Call.

Company Competencies November 15, 2013

- Structures
- Roadway Design
- Trails and Sidewalks
- Construction Inspection
- Traffic Engineering & TEAP



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Branson, Missouri
119 W. Pacific Street
Branson, MO 65616
417.544.4507

Springfield, Missouri
3816-A S. Greystone Ct.
Springfield, MO 65804
417.893.6030

Kansas City, Kansas | Topeka, Kansas | Lawrence, Kansas | Wichita, Kansas

One Vision. One Team. One Call.

CFS is a leading provider of professional engineering and surveying services. Our staff of over 70 professionals offers client-focused solutions for transportation, public infrastructure, structural, construction, and geotechnical engineering. We consider 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.

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.

We are more than an engineering firm. Our team includes dynamic professionals passionate about tackling challenges and creating “real-world” solutions. CFS integrates a broad range of services within one organization offering unique comprehensive approaches to all of our clients.

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

Engineering and design services include:

- Transportation
- Planning
- Survey
- Bridge/Structures
- Construction Inspection
- Public Utilities
- Geotechnical
- Site Development
- Multi Modal

52 years of Civil
Engineering and Survey Service

We make sure all stakeholders
share an identical **Vision.**

Communication with all
Team members ensures
successful outcomes

CFS offers a variety of engineering
services in-house. We’re just a
phone **Call** away.

Award Winning
Service

CONTACT:

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Roadway Design. 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 as scheduled. This is the mind set we take into all of our projects.

Roadway design services includes:

- Location Studies - Corridor Planning
- Local Street Planning Urban/Rural Arterial Design
- Freeway Design
- Multi-level Interchange Design

Recreation & Trails. 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.

CFS offers these benefits:

- Trailhead Design
- Trail Gateway Design
- Multi-Use Pathway Design
- Shelters/Restrooms
- Maintenance Facilities

Construction. When investing public funds, communities want assurance their finances are invested wisely and efficiently. Construction administration, inspections and observations are the insurance for accomplishing this goal. Since the inception of our firm in 1961, CFS has provided construction inspection services. We have built a staff of highly trained and certified construction inspectors with experience in managing LPA projects through the necessary MoDOT and federal processes. We have assisted numerous clients with the completion of many types of public infrastructure projects, including roadways, bridges, structures, water and waste water systems and utility projects.

Construction services comprise of:

- 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

Roadway Design Projects



Longview Road
Kansas City, Missouri

Trails and Sidewalks Projects



Route 9 Pedestrian & Bike Trail
Parkville, Missouri

Construction Inspection



Horizons Parkway
Riverside, Missouri

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 and lighting.

Benefits of CFS' Traffic Engineering incorporates:

- Traffic Counting
- Safety Auditing
- Traffic Modeling
- Bicycle/Pedestrian Level of Service Analysis
- Roadway Alternatives 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.

Our structure endeavors consist of:

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

Traffic Engineering & TEAP



**Kearney
Route 92
Analysis**
Kearney, Missouri

Structures



**North Cass
Parkway**
*Belton/Raymore,
Missouri*