



November 15, 2013

Missouri Local Program  
Kenny Voss, Local Program Administrator

RE: Qualifications for LPA On-Call Consultant List  
Structures

Dear Mr. Voss:

Great River Engineering, Inc. is pleased to submit this "Letter of Interest for Professional Engineering Services" for all aspects of projects involving the design of structures. We have the technical knowledge and staffing to perform the type of structural engineering design local agencies would require.

Our firm has eight active structural projects involving six different local agencies. The projects include those funded locally and by the BRO Program, as well as projects funded by CDBG, FEMA or some combination thereof. Through our 17 year history, Great River Engineering has designed over 100 bridges/box culverts with well over half of those funded through MoDOT's BRO Program. The expertise gained from these many years of experience, and the solid ties we have formed with the MoDOT District personnel are key factors that will provide local agencies with a quality project.

Great River Engineering, Inc. has provided structural engineering services to many counties throughout northern Missouri including Audrain, Clark, Gasconade, Knox, Lafayette, Macon, Monroe, Pike, Randolph, Ray, Scotland and Sullivan. Our office is located in Bowling Green, Missouri, providing excellent accessibility and allowing us to promptly respond to our client's needs.

We take pride in rapid efficient project turn around. Our familiarity with the requirements of federal projects results in a quality product that is compliant with federal law and is done so in a desirable timeframe. Our highly qualified staff is trained to ensure compliance with federal law, including but not limited to the most current version of the Local Public Agency Manual.

Below you will find a summary of our qualified staff trained in all aspects of a structural engineering project. Included is a brief resume outlining the qualifications and experience of each individual.

Matthew Walker, P.E.

Mr. Walker is a 2008 graduate of the University of Missouri-Columbia. He has been an employee of Great River Engineering, Inc. since that time. He been involved in the design and construction of structures for seven years and has provided construction and engineering services for nearly 30 bridge replacement projects. As a licensed professional engineer, he is also a member of the National Society of Professional Engineers. Mr. Walker is certified through MoDOT's Technician Certification Program as a Concrete Field Technician. In addition to his engineering experience, he also has education and training in the construction management field.

**EDUCATION:**

B.S. / Civil Engineering/ 2008  
University of Missouri-Columbia

**REGISTRATION:**

Registered Professional Engineer, Missouri  
Concrete Field Technician, MoDOT Technician Certification Program

**AFFILIATIONS:**

Missouri Society of Professional Engineers  
National Society of Professional Engineers

Don Mayhew, P.E., PLS

Mr. Mayhew is capable of performing all project duties including design concept preparation, hydraulic and structural design, project scheduling, cost estimating, preparation of support documents and reports as well as public presentation of projects to various interest groups.

While working on projects, Mr. Mayhew is responsible for preparation of conceptual reports, design, direction of survey crews and office personnel, construction administration and the coordination with the necessary regulatory agencies.

**EDUCATION:**

B.S./Civil Engineering/1992  
University of Missouri – Rolla

**REGISTRATION:**

Registered Professional Engineer and Land Surveyor, Missouri

**AFFILIATIONS:**

Missouri Society of Professional Engineers  
National Society of Professional Engineers  
National Society of Professional Surveyors  
Missouri Association of Registered Land Surveyors  
American Congress on Surveying and Mapping  
Professional Engineers in Private Practice  
Highway Engineers' Association of Missouri

Jamie Hoover, Chief Field Surveyor – Mr. Hoover has over 24 years experience covering all forms of boundary, topographic, construction and Right-of-Way surveys. He has also performed bridge inspections for numerous county bridge projects. To accompany his surveying experience, he is also certified through MoDOT's Technician Certification Program as a Concrete Field Technician. This allows Mr. Hoover to provide construction management, surveying and inspection services, making the overall design and construction process more efficient.

**REGISTRATION:**

Concrete Field Technician, MoDOT Technician Certification Program

Thomas Dowell, Technician – Mr. Dowell's experience includes 17 years in CAD Design, inspection, surveying and technical drawing. The range of services he is capable of providing includes civil drafting and calculations, surveying crew, design, materials testing and inspection. In addition to providing drafting and surveying services, he is also certified through MoDOT's Technician Certification Program as a Concrete Field Technician.

**EDUCATION:**

Associates Degree/Computer Aided Drafting & Design/1998  
ITT Technical Institution – Earth City, Missouri

**REGISTRATION:**

Concrete Field Technician, MoDOT Technician Certification Program

We appreciate this opportunity to submit this Letter of Interest, to perform Engineering Services. Should you have any questions, please contact us at (573)324-6868. Thank you for your consideration in this matter.

Respectfully,



Matthew Walker, P.E.  
Great River Engineering, Inc.



Lafayette Co Single Span Steel Girder



Audrain Co 3 Span Channel Beam



### STRUCTURES

- Bridges
- Box Culverts
- Buildings
- Signs
- Towers
- Drop Inlets
- Foundations
- Retaining Walls

### HYDRAULICS

- Back Water Analysis
- Storm Sewers
- Dams
- Spillways
- Detention Basin



Knox Co 3 Span P/S Girder



Monroe Co Three Span Steel Girder

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 Fax: 573-324-6818

Bridge Department  
 Contact: Matt Walker  
 Email: [mwalker@grtriver.com](mailto:mwalker@grtriver.com)

OFFERING A WIDE  
 RANGE OF  
 PROFESSIONAL  
 ENGINEERING SERVICES

P.O. Box 29  
 Bowling Green, MO 63334  
 Phone: 573-324-6868  
 Fax: 573-324-6818  
 Email: [gre@grtriver.com](mailto:gre@grtriver.com)

## STRUCTURAL SERVICES OFFERED

B.R.O. – Bridge Replacement and Rehabilitation Program

Soft Match Credit Bridge – Program which allows a local agency to receive credit toward the B.R.O. program for matching funds.

County-built Structure- Standardized plans to assist counties in stretching their budget dollars.



Monroe Co Single Span P/S Girder



Ray Co 3 Span P/S Girder

## WHO IS GREAT RIVER ENGINEERING, INC?

Great River Engineering has been in business for 17 years. Our staff has more than 53 combined years of experience in the professional engineering and surveying fields. Our staff of 6 consists of licensed engineers, project managers, technicians, inspectors and surveyors, as well as other professional employees.

Great River Engineering also offers other vehicular and pedestrian transportation services such as roadway, sidewalk, and biking trails. In addition to meeting our client's transportation needs, we offer a large range of infrastructure and agricultural design services.



Randolph Co Single Span Channel Beam

Also offering all types of structural analysis, inspection and design