November 15, 2013

Mr. Kenny Voss, P.E., Local Program Administrator
Missouri Department of Transportation
PO Box 270
Jefferson City, Missouri 65102
ATTN: Mary Ann Jacobs

RE: Letter of Interest
Local Public Agency (LPA) / Construction Inspection

Dear Mr. Voss:

Crawford, Murphy & Tilly, Inc. (CMT) is very interested in becoming part of Missouri's LPA team of consultants to provide engineering for on-call Construction Inspection. Our reputation for credibility and quality deliverables related to construction observation projects has proven to streamline the decision-making processes and deliver innovative solutions that advance our LPA clients' mission to improve infrastructure more cost-effectively.

PREQUALIFICATION

CMT has the prequalification requirements and is currently prequalified as follows:

- Federal Aid Basic Training January 1, 2015
- MoDOT E-Verify August 12, 2014
- Financial Prequalification August 29, 2014

WORKFORCE DIVERSITY

CMT strives for workforce diversity and promotes diversity in all facets of our business, including LPA work. CMT's commitment to diversity has been demonstrated on previous projects such as the I-70 Interchange for the New Mississippi River Bridge, which was completed for MoDOT. This project had a 12.4% women/13% minority participation and was instrumental in CMT receiving "Consultant of the Year" from MoDOT's External Civil Rights Division. CMT was also distinguished in 2012 by the Illinois Black Chamber of Commerce as one of three recipients of the "Outstanding Business of the Year". These recognitions reflect CMT's commitment to diversity through more proactive recruitment of minorities and women, mentoring programs and initiatives.

THREE COMPANY REFERENCE FORMS

The required company reference forms are included as an attachment to this letter.

GENERAL EXPERIENCE OF FIRM

CMT has been in the transportation field since our incorporation in 1946. We have continually served federal, state and local governments during that time span providing transportation engineering services including construction inspection. Since 1983, when CMT opened an office in Missouri, we have provided engineering services to numerous municipal clients throughout the state. Some of our key LPA projects are more fully described in the Past Performance section of this document.

PAST PERFORMANCE

The following projects are indicative of CMT's commitment to providing outstanding engineering services related to Construction Inspection.

- **Route 367.** CMT was selected by MoDOT to provide construction inspection on this project. This was MoDOT's first consultant-led inspection project. This project converted a divided highway with outer roads and at-grade intersections into an elevated, uninterrupted freeway. The project included 3 miles of MSE walls, six bridges, ITS and signal installations, grading, drainage and pavement.

- **Route 367 Bridges.** MoDOT selected CMT to perform the inspections of the construction of three bridges along Route 367. These included the Route 367 bridge over Chambers Road, the Route 367 Bridge over Coldwater Creek and a bridge on Route 67 over the BNSF Railroad.
- **I-270 Chain of Rocks Canal Bridge**. CMT is currently providing and leading the inspection of the new Chain of Rocks Canal Bridge for IDOT. Documentation, daily records, change orders and daily inspections are tasks associated with this project. This project includes a bridge over a major river, repairs to bridges, drainage, traffic control and extensive ramp and roadway realignment work. Anticipated completion date – December 2014.
- **McKinley Bridge.** For IDOT, CMT provided a construction inspection crew to provide construction observation for all repairs to this historic bridge.
- **Church Road.** The City of Arnold selected CMT to complete roadway plans for Church Road improvements. Following the design, CMT was selected to provide construction inspection on the five construction projects associated with the Church Road improvements.
- **Warrenton Lighting.** CMT completed the inspection of this Local Roads project which included historic lighting and utility work.
- **Route W.** A developer in St. Louis used CMT as an approved MoDOT permit inspection firm to provide construction phase services for an improvement to Route W in Franklin County. CMT provided inspection and documentation services for this road widening project.
- **Edwardsville, Illinois.** The City of Edwardsville consistently uses CMT construction inspection crews for roadway inspection work. Projects have included several roadway projects on Gerber Road.
- **On-Call IDOT.** CMT provided MOU inspection work for 6 projects in Madison County, IL. Work included two bridges and several roadway reconstruction projects.

QUALIFICATIONS OF PERSONNEL

Three of the following have MoDOT inspection certification with three others currently enrolled in classes for certification.

Kevin Fuller, P.E. – Kevin has 25 years of experience leading inspection services on transportation projects. For the past 12 years while at CMT, Kevin has served as project manager for design and construction projects in Missouri and Illinois, including the Chain of Rocks and Route 367 projects.

Rick Huber, P.E. - Rick has over 17 years of experience in the transportation field. He has design experience as well as extensive inspection experience. He served as CMT's assistant RE on the Route 367 Freeway Conversion project and led inspection efforts on the Church Road Widening and Relocation Project.

John Hensley, P.E. - John has been with CMT since 2007 and has worked on numerous highway and aviation inspection projects. He worked on the Warrenton Lighting Project, the Route 367 Freeway Conversion Project and the Church Road Project for the City of Arnold.

Todd Picklesimer, Technician - Todd offers over 17 years of experience providing resident engineering and CADD services on various transportation projects. Todd was an inspector on the Route 367 Freeway Conversion Project and led the Route W Permit inspection work in Franklin County. He currently is working on the Chain of Rocks project.

Steve Kenney, Technician – Steve has 17 years of experience and works exclusively on our inspection projects. He worked on the Route 367 freeway and Route 67 bridge inspection work for MoDOT and recently completed several inspection projects in the metro-east area of St. Louis for IDOT. He is currently working on the Chain of Rocks project.

Jeff Lange, Technician - Jeff has extensive experience in completing construction management and inspection services, surveying and CADD support on a wide range of projects. With over 28 years of experience, he has specialized experience in painting and structural steel. He is a MoDOT certified inspection technician.

Steve Gusewelle, Technician - Steve is a surveyor and inspector who is currently working on the Chain of Rocks project. He has over 18 years of experience.

FAMILIARITY/CAPABILITY

CMT has a long history of meeting our clients' goals on projects, whether this is through meeting aggressive schedules, using the latest technologies and software on a project or the application of cost-efficiency measures to help save construction dollars. CMT has an excellent relationship with our core group of clients and our extensive experience with their staffs gives us the familiarity to be very efficient throughout the design process. Through our projects, CMT has become intimately familiar with the processes and requirements on projects with federal oversight as well. The following table of projects shows projects that included federal oversight on LPA projects. All of these projects were completed with minimal review comments by FHWA:

Church Road Improvements (Arnold)
Historic Lighting (Warrenton)
Schneider Road Bridge (Jefferson County)
Broadway Avenue Bridge (St. Louis)
Highway 54 (Camdenton)
West Terra Road – Phase III (O'Fallon)
Geiger Road (St. Louis County)
Goodfellow Blvd (St. Louis)
Route 100 Enhancements(Washington)
Lions Den Road (Jefferson County)

ACCESSIBILITY

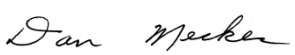
All of the assigned personnel listed above work out of our St. Louis office. This entire group is highly focused on the successful delivery of services within allotted schedules set by our clients. Our St. Louis Highways & Bridges Group has met 100% of their scheduled milestone dates on all of their projects over the last ten years. In addition, our team relies on responsiveness to our clients' requests, with a goal of responding to all requests within 24 hours. The following table indicates some of our recent accelerated schedules:

PROJECT	CLIENT	CONTRACT DESIGN TIME	ACTUAL DESIGN TIME
MRB Interchange	MoDOT	14 months	12 months
Rte 266/Airport Blvd	Springfield, MO	20 months	7 months
Park Over the Highway	MoDOT	10 months	10 months
Rte 185/I-44	Sullivan, MO	24 months	21 months
I-44 Union to Pacific	MoDOT	10 months	7 months
Rte 100 Washington	MoDOT	24 months	10 months
Church Rd	Arnold, MO	12 months	10 months
US 50/63 & McCarty St.	Jefferson City, MO	24 months	21 months

CMT has enjoyed the working relationship that has been established and grown over the years with our LPA teammates. CMT offers an uncommon level of stability and staff continuity which will assist us as we move forward with more complex and exciting projects with municipalities throughout the state. We believe we have an excellent team that can be responsive and provide quality work for LPA Construction Inspection.

We wish to thank the selection committee in advance for their time and effort in reviewing and evaluating our Letter of Interest and look forward to your favorable consideration.

Respectfully yours,

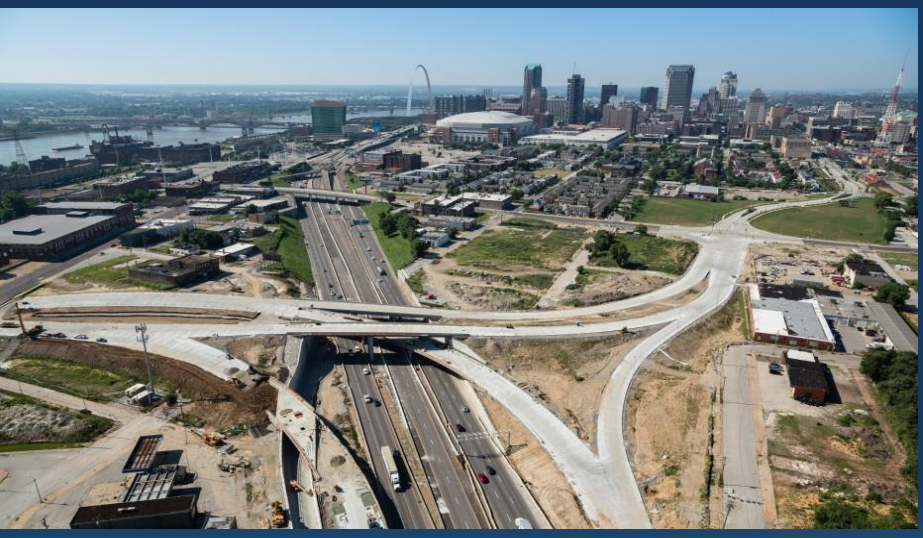


Daniel R. Meckes
President

THE GATEWAY TOWER ♦ ONE MEMORIAL DRIVE ♦ SUITE 500 ♦ ST. LOUIS, MISSOURI 63102
314-436-5500 ♦ 314-436-0723 FAX

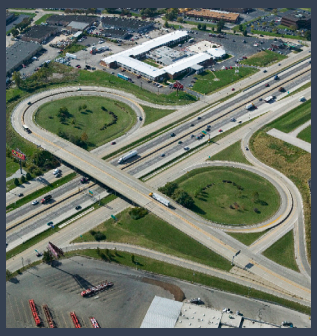
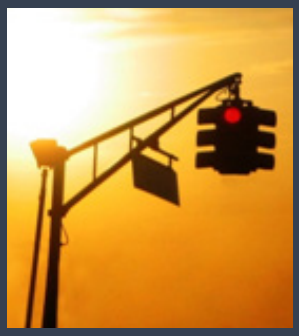
MoDOT

Bringing Value to Missouri Highways and Bridge Infrastructure



CMT

CONSULTING ENGINEERS

About CMT

Established: 1946
Firm Size: 264

Rankings

- #239 Among Top 500 Design Firms (Engineering News-Record 2013)
- #4 Midwest Civil Engineering Firm (Midwest Construction 2013)
- #6 Midwest Firm in Transportation (Midwest Construction 2013)
- #6 Design Firm in Missouri (Midwest Construction 2013)

Service Areas

- Highways and Bridges
- Aviation
- Land Development
- Water and Wastewater

Other Locations

- Springfield, IL (corporate)
- Aurora, IL
- Chicago, IL
- Columbus, OH
- Edwardsville, IL
- Indianapolis, IN
- Peoria, IL
- Rockford, IL

CMT Highways & Bridges

From complex highway interchanges in urban settings to major bridge river crossings, CMT can take a transportation project from its earliest development stages through planning, design, and construction. Whether we are working with a large transportation agency or a local community, we are responsive to our clients' needs. While meeting their goals of providing safe and efficient transportation, we also seek out community input and account for environmental considerations to provide context-sensitive solutions that assure each project succeeds on every level.

Highway and Bridge Services

- Program Development
- Planning/Feasibility Studies
- Noise and Air Quality Studies
- Environmental
- Road and Highway Design
- Bridge Design
- Traffic Studies
- Construction Phase Services
- Land Acquisition
- Structural
- Lighting
- Bikeways and Paths
- Drainage
- Public Involvement

Missouri Offices

CMT's St. Louis and Springfield offices allow us to better serve multiple regions throughout the state. Between the two offices we have a staff of over 60 employees supporting transportation infrastructure projects throughout the state.

CMT-St. Louis
Gateway Tower
One Memorial Drive, Suite 500
St. Louis, Missouri 63102
314.436.5500 fax: 314.436.0723

CMT- Springfield, MO
1631 West Elfindale
Springfield, MO 65807
417.869.6009 fax: 417.869.8129

www.cmtengr.com

New I-70 Interchange for Mississippi River Bridge

MISSOURI DEPARTMENT OF TRANSPORTATION

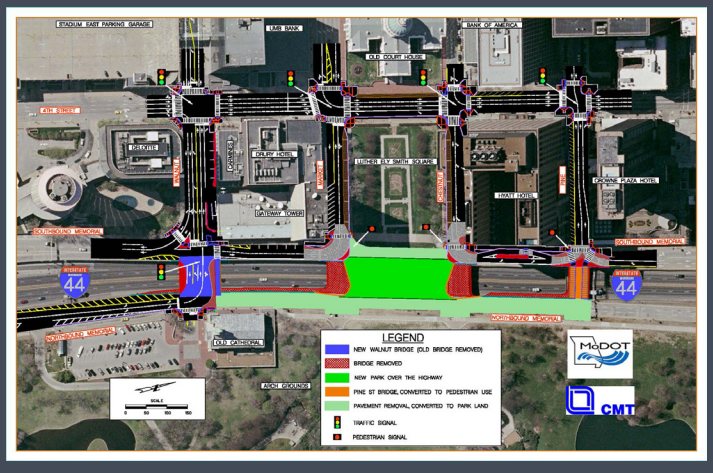
ST. LOUIS, MISSOURI

- Five new ramps providing movements to and from the new bridge to I-70 and I-44
- Seven bridges and six retaining walls
- Successful achievement of highly accelerated schedule – designed in 12 months
- Innovative Practical Design approach resulted in 30% cost reduction ($13M)
- Reconfigured original interchange design to more economical configuration
- Documentation for route marking changes
- Complex construction staging
- Urban street designs including mobility and ADA requirements

West Terra Road Improvements

CITY OF O'FALLON, MISSOURI

- Phase I and II consisted of widening/overlay of 7400 linear ft. of roadway improvements
- Phase III consisted of 6100 linear feet of roadway improvements
- MoDOT/LPA-administered project
- Improvements included overlay, shoulder/bicycle land additions and drainage improvements
- Field surveys
- Intersection design studies
- Drainage studies
- ROW surveys and documents
- Environmental survey request
- Traffic signal design



A Park Over the Highway

MISSOURI DEPARTMENT OF TRANSPORTATION

ST. LOUIS, MISSOURI

- Very high profile project featuring a new 280 foot land bridge over I-70 connecting the Jefferson Expansion Memorial Park (Arch grounds) with the downtown at Luther Ely Smith Square
- Removal of three bridges over I-70 and reconfiguration of area traffic patterns involving improvements to a 8 square block area of downtown St. Louis
- Unique structural components
- Communication with a wide variety of stakeholders including extensive coordination with the landscape architect working for CAR2015
- Successful achievement of highly accelerated schedule – designed in 8 months
- Complex construction staging plan

Church Road Widening

CITY OF ARNOLD, MISSOURI

- Widening and relocation of a two lane roadway to a proposed five lane roadway
- Traffic study
- Successful CMAQ Funding Application
- Public involvement meetings
- Five signalized intersections
- Coordination with MoDOT (CMAQ Project - LPA Manual)
- Construction Inspection

Route 210 Widening

MISSOURI DEPARTMENT OF TRANSPORTATION
KANSAS CITY, MISSOURI

- 5 mile long project, converting a 2-lane rural to a 4 lane expressway.
- High traffic roadway with significant truck activity
- New roadway, drainage, signing, signals, lighting, etc.
- CMT conducted streamlined VE Study
- $1.48M in savings (12.7%) from 63 creative ideas, 3 accepted VE Proposals

Lions Den Road Improvements

JEFFERSON COUNTY, MISSOURI

- CMT was selected for all four phases of a four mile roadway improvement.
- Widening from two 10-foot lanes to two 12-foot lanes with two 8-foot shoulders
- Prepared four alternative alignments with preliminary cost estimates
- Public Information meetings
- Funded with STP funds and MoDOT's Local Roads Group

Historic Pedestrian Street Lighting

WARRENTON, MISSOURI

- MoDOT LPA administered project consisting of approximately 2,200 feet of sidewalk to be illuminated
- Fixed construction budget
- Temporary traffic control
- Utility survey pickups and coordination
- Alternative lighting analysis utilizing IES RP-8-00 American National Standard Practice for Roadway Lighting
- Construction observation

Route 61/67 Bridge over Meramec River

MISSOURI DEPARTMENT OF TRANSPORTATION
ST. LOUIS, MISSOURI

- Major river crossing connecting Jefferson and St. Louis counties
- Extensive 404 PERMIT and environmental permitting
- Detailed hydraulic analysis
- Architectural enhancements
- Fast schedule was accelerated - CMT met all the required milestones