



**Missouri's
Local
Program**
*for community
development*

COVER SHEET

(This must accompany your firm's letter of interest and does not count in the page limit)

Firm's Full Legal
Name:

Crawford, Murphy & Tilly, Inc.

Firm Contact Name:

R. JAY RAKERS, PE

Contact Email
Address:

rjrakers@cmtengr.com

Firm's Mailing Address:

Gateway Tower, One Memorial Drive, Suite 500

St. Louis, Missouri 63102

Work Category:

- Roadway Design
- Trails & Sidewalks
- Construction Inspection
- Traffic Engineering & TEAP
- Structures
- Environmental
- Historic Preservation
- Multimodal Planning / Systems and Facilities Design
- Transportation Planning – **NEW CATEGORY**



Infrastructure Professionals

About CMT

Established

1946

Number of Offices

25

Firm Size

500+ employees | 138 in Missouri

Number of Professional Engineers

190

Prequalifications

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

LPA/Federal Aid Basic Training

November 1, 2027

MoDOT E-Verify

November 26, 2026

Financial Prequalification

August 28, 2026

Missouri Offices

Crawford, Murphy & Tilly, Inc.

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St. Louis, MO 63102

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December 12, 2025

Ms. Ashley Buechter, PE, Local Program Administrator

Missouri Department of Transportation

105 W. Capitol Avenue Jefferson City, Missouri 65102

RE: Letter of Interest - LPA On-Call Solicitations / Transportation Planning

Dear Ms. Buechter:

Crawford, Murphy & Tilly, Inc. (CMT) is proud of our nearly 40-year MoDOT project portfolio and considers your state agency as one of our favorite clients; we have been able to work on so many transformational projects! CMT wants to continue our trusted relationship and are naturally drawn to being a part of MoDOT's professional services team who can provide on-call Transportation Planning. Our reputation for credibility and quality deliverables related to planning for multiple transportation modes has proven to streamline the decision-making processes and deliver innovative solutions that advance MoDOT's mission to provide a world-class transportation experience that is safe, innovative, reliable, and dedicated to serving customers for a prosperous Missouri.

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 transportation planning. Since 1983, when CMT opened an office in Missouri, we have provided engineering services throughout the state of Missouri, including our primary client, MoDOT. CMT offers its excellent reputation in transportation planning services for state and local governments. CMT has a well-experienced team that understands how to achieve goals while ensuring compliance with relevant regulations. CMT has multiple team members with experience in state DOT transportation planning and who are adept at understanding regulations and requirements. These team members have consistently demonstrated their ability to understand state and federal regulations, resulting in outstanding project development outcomes. In addition, CMT also has an excellent history of strategically identifying and engaging the right transportation stakeholders, from the public to special interest stakeholders. Engagement of the right stakeholders is critical to the success of each project, ensuring that desired outcomes are achieved and that affected parties know their voices were heard and taken into account as the project is developed. Effective transportation planning is a key component of every transportation project and program at CMT.

Past Performance

Transportation and Mobility Plan | City of St. Louis, MO | CMT led the development of the City of St. Louis Transportation and Mobility Plan (TMP). This is the first citywide mobility plan to be completed in decades and has identified four themes for moving forward infrastructure planning: safety, connectivity, maintenance, and operations. The vision for the plan is that St. Louis 'will create a safe, connected, and well-maintained transportation network which enhances quality of life, advances equitable mobility options, and supports sustainable growth in our city.' The project brings together major transportation projects, while also establishing new processes for prioritizing future transportation projects. Key elements of the plan include a safety action plan, including a goal to reduce fatalities and serious injuries; a street design framework that establishes new street typologies for implementation; and a policy and ordinance review for revised policies impacting mobility. A robust engagement process has reached over 3,000 city residents and was a driving factor for the final themes, the new vision statement and



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recommendations for updated mobility policies. The Plan was unanimously adopted on November 12, 2025; marking the historic progress as the first transportation plan in nearly 80-years.



ACEC Missouri 2026 Grand Award

Walk Bike Jefferson County | Jefferson County, MO | This was Jefferson County's first comprehensive bicycle and pedestrian master plan, aimed at creating a safe, connected network for walking and biking across the county. The plan included a detailed analysis of existing conditions, assigning Pedestrian Level of Service and Bike Level of Traffic Stress to roadways, and proposed a phased implementation strategy. It prioritized projects using safety, equity, and feasibility criteria, and incorporated robust community engagement through advisory committees, open houses, and intercept events. The outcome was a framework for multimodal infrastructure improvements that enhance quality of life and support active transportation connections to key destinations like parks, schools, and the proposed Amtrak station.



*American Planning Association St. Louis Metro Section
2025 Award for Outstanding Planning Practice*

Sunshine Street Corridor Study | City of Springfield, MO | This study focuses on a 3.1-mile segment of Sunshine Street in Springfield, Missouri, from Glenstone Avenue to Kansas Expressway. The goal is to improve safety, traffic flow, and multimodal accessibility while fostering economic development and placemaking. The plan emphasizes a place-based approach to land use and transportation, integrating corridor design with redevelopment strategies. Key components include scenario planning through design studios, streetscape enhancements, connectivity improvements, and strategies for mixed-use development. Public engagement is central, with advisory teams and open houses guiding recommendations that balance mobility needs with neighborhood goals.

Complete Streets Policy Update | City of Columbia, MO | CMT is leading this policy update for the City of Columbia Public Works Department. The update aims to modernize the City's "Complete Streets" policy, enhancing mobility, safety, and connectivity for people of all ages and abilities. The updated policy, which builds upon the original 2004 framework, will address infrastructure gaps, incorporate new design standards, and emphasize active transportation to reduce congestion and mitigate environmental impact. The process includes broad community engagement through surveys, open houses, and field audits to ensure the revised policy reflects local needs and national best practices. The final policy is expected to be adopted in summer 2026, setting the stage for a safer, more accessible, and more interconnected transportation network across the city.

Lake Springfield Area Master Plan | City of Springfield, MO | CMT is lead this landmark project to re-imagine a valued community resource - transforming it from utilitarian to a

catalyst for substantial regional impact. It is a unique project at the intersection of nature, recreation, and economic development. Lake Springfield was formed when the James River in southeast Springfield was impounded in conjunction with the construction of a coal-fired power plant for City Utilities of Springfield, which is now decommissioned. Over its 65-year life, the power plant and approximately 1,000 acres around it have served the public well. Funded largely through the Economic Development Administration (EDA) of the US Department of Commerce, the project began with hydrological and environmental evaluations. Based on those findings, a comprehensive reuse plan was developed for the reuse of the power plant, lake, and surrounding acreage through an extensive engagement process involving the public and stakeholders. CMT lead the engagement through a bottom-up decision making process which served as the projects framework. CMT engaged them at multiple steps to ensure the project would ultimately be a success and to ensure community buy-in.

CONNECT Active Transportation Plan | Springfield Sangamon County Regional Planning Commission | Springfield, IL | The CONNECT Active Transportation Plan for Sangamon County focuses on creating a safe, equitable, and multimodal transportation network that enhances mobility for all users. The plan combines robust public engagement—including open houses, surveys, and stakeholder workshops—with technical analysis of existing conditions, equity data, and crash trends. It identifies priority corridors and proposes a draft active transportation network, supported by route scoring and a design toolkit. Key goals include enhancing safety, accessibility, and connectivity, while aligning with community values and promoting sustainable growth.

Qualifications of Personnel

Jacque Knight, AICP | Jacque is a passionate planner, with a focus on creating transportation systems that prioritize community needs. She works to support a better quality of life through projects that enhance safe mobility for all. Jacque is trusted to lead projects that focus on safety, equity and active transportation in communities all across the Midwest, ranging in size and scale. She recently led the development of the first transportation plan in nearly 80-years for the City of St. Louis, and is currently managing projects in Columbia, Springfield, and St. Louis (MoDOT). Her work has received national recognition for Excellence in Transportation planning from the American Planning Association. She holds a Master of Urban Planning from the University of Kansas.

Eric Curtit, AICP | Eric's past role as MoDOT's Transportation Planning Director offers excellent insights into understanding MoDOT's planning process – The Planning Framework – and all aspects of transportation planning. As one of the Framework's creators, he brings unmatched experience in exactly how MoDOT and its local partners do planning. His innovations and experience drove the creation of The Planning Framework, and he led all department planning initiatives and policies as its statewide director. Eric's expertise led Missouri to be nationally recognized in transportation planning and engagement. The methods created under his

leadership are still in use by MoDOT today and are replicated by other state DOTs as a national best practice.

Jonah Farran, AICP | Jonah is an urban planner focused on creating safe, sustainable, and accessible transportation systems for all users, and the relationship of surrounding land use with transportation systems to create and support safe, sustainable, and vibrant communities. He has worked with small towns, larger cities, state DOTs, and metropolitan planning organizations with both short- and long-range planning, including active transportation plans, walking and biking master plans, road safety audits, corridor plans, complete streets policies, comprehensive plans, and policy and ordinance review, including staff reports.

Sophia Roth, PE | Sophia is a transportation planner and professional engineer dedicated to creating safe, sustainable, and equitable transportation systems that prioritize people. She brings expertise in public engagement, traffic modeling, and transportation planning, along with preparing technical reports for infrastructure improvement projects. Sophia analyzes field-collected data to help clients understand current and future conditions, ensuring informed decisions. With a planning-focused engineering approach, she delivers holistic solutions that enhance quality of life, foster healthier communities, and balance efficiency with inclusivity in transportation design.

Valerie Romano, AICP, LEED AP BD+C | Valerie is a senior urban planner with over 18 years of experience in transportation, urban planning, and GIS projects. She specializes in developing comprehensive master plans for municipalities and counties across the Midwest and Southeast. Valerie is highly skilled in preparing NEPA documentation and coordinating public involvement to ensure successful project outcomes. Her broad planning expertise and collaborative approach make her a trusted partner in delivering strategic, community-focused solutions that balance growth, sustainability, and compliance with regulatory requirements.



Familiarity/Capability

CMT has a long history of meeting MoDOT's goals on projects, whether through meeting aggressive schedules, applying the principles and policies of The Planning Framework, or implementing Practical Design measures to help save construction dollars. CMT has an excellent relationship with MoDOT, and our extensive experience with MoDOT's staff gives us the familiarity to be very efficient throughout the planning process. Through our projects with MoDOT and our municipal partners, CMT has become intimately familiar with The Planning Framework and how MoDOT seeks to engage citizens during all phases of needs and projects. We're excited to share that our transportation planning team has been nominated for two upcoming awards.



Accessibility/Responsiveness

All of the assigned personnel for Transportation Planning will be coordinated between us across available MO staff. The entire group is highly focused on the successful delivery of services within allocated schedules set by our clients. Our Surface Transportation Group, which houses the transportation planning group, has met 100% of its scheduled milestone dates on all of its 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.

Over 90% of our team works inside a CMT office to optimize communication and efficient collaboration. When necessary, they effectively use Microsoft Teams for meetings and are equipped with laptops, cell phones, and I-pads to conduct business, with the backing of a strong IT department who keeps our Bentley ORD software, technology, and computers running smoothly.

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.

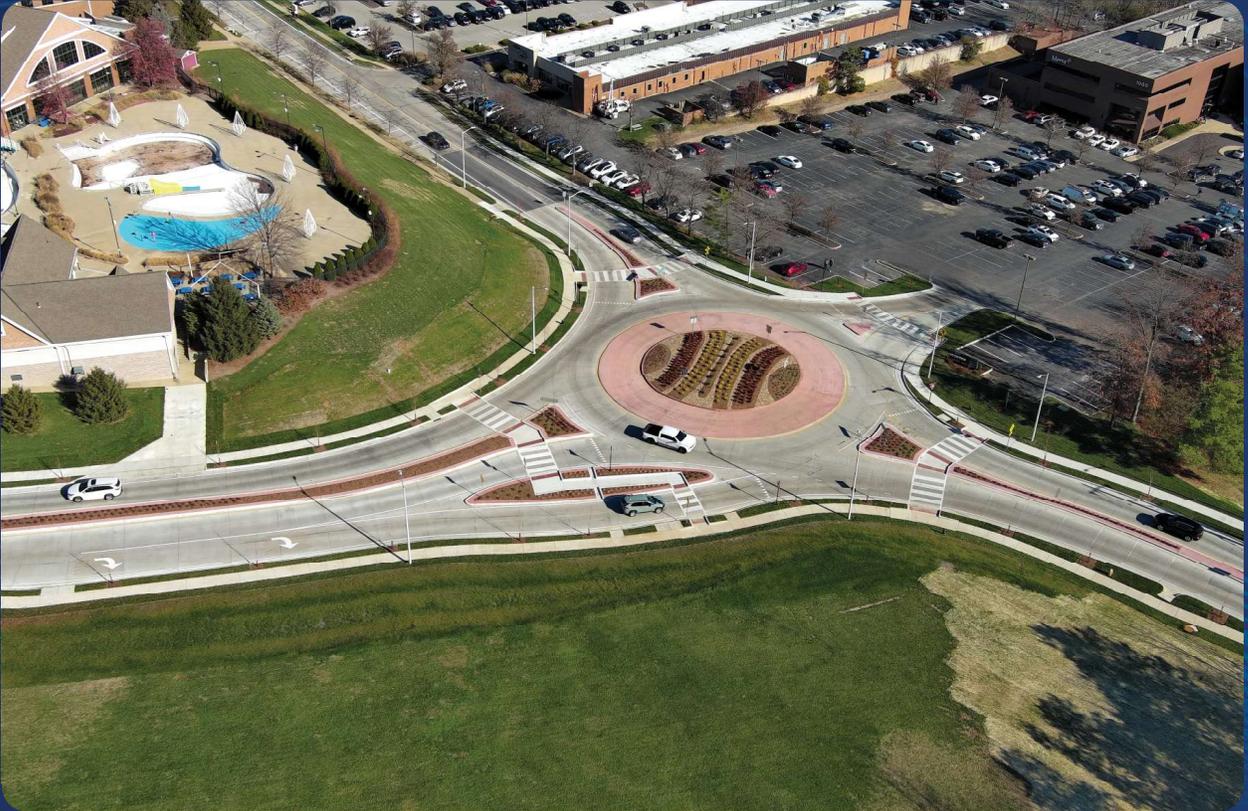
Respectfully yours,



A handwritten signature in blue ink that reads "R. Jay Rakers".

R. JAY RAKERS, PE
Principal / Group Manager
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Elevating Infrastructure, *together*



Crawford, Murphy & Tilly, Inc. Company Brochure

Local Public Agency On-Call Services
(for Missouri's Local Program)

December 12, 2025



Infrastructure Professionals



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About CMT

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Firm Overview

Since 1946, our dedicated team of engineers, planners, scientists, and other professionals has partnered with clients to elevate infrastructure through a shared commitment to innovation and excellence. From planning and engineering to asset management, we guide every step to provide maximum value in every project.

But the real impact is on people. By working together, we create infrastructure that enhances communities and empowers our employees to thrive. We don't just build infrastructure – we elevate it, making our communities more livable, sustainable, and connected for a better future.

CMT's core service areas include surface transportation, aviation, water resources, and site and building development. Our multidisciplinary teams offer services such as civil engineering, planning, environmental consulting, traffic analysis, utility coordination, permitting, and floodplain studies. We integrate technical excellence with regulatory insight so projects meet both performance goals and compliance requirements.



**Senior Vice President
– Director of Business
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**Group Manager –
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**Vice President,
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KEVIN FULLER, PE

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Major Areas of Expertise

From complex highway interchanges in urban settings and major bridge river crossings to municipal services and tailored streetscape designs, 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, CMT is responsive to our clients' needs. While meeting client-driven goals of providing safe and efficient transportation, we also seek out community input and account for environmental considerations. All of this helps us to provide context-sensitive solutions that supports project success on every level.

Roadway Design

- Traffic Calming
- Roadway Geometrics
- Project Development Reports
- Drainage & Stormwater Management
- Intersection Design Studies
- Interchange Type & Design Studies
- Pavement Evaluation and Design
- Life Cycle & Cost/Benefit Analysis
- Roundabout Design
- Roadway Lighting/Signing
- Complete Streets
- Sidewalks/Multi-Use Paths/Trails

Bridge and Structural Design & Inspection

- Pedestrian Bridges
- Prestressed I-Beam Bridges
- Precast, Prestressed Concrete Deck Beam Bridges
- Concrete Slab Bridges
- Steel Stringer with Cast-in-Place Concrete Deck Bridges
- Steel Plat Girder Bridges with Horizontal Curves
- Major River Crossing Structures
- Bridge Hydraulic Analysis and Bridge Condition Surveys
- Bridge & Culvert Rehabilitation

Construction Services

- On-site Construction Inspection
- Construction/Materials
- Documentation

Transportation Planning

- Agency Coordination
- Feasibility, Corridor & Location and Alignment Studies
- Public Involvement & Participation
- Phase I, Preliminary Design (Federal Aid Projects)
- Alignments & By-Pass Studies
- Interstate Access Justification
- Pavement Management Systems
- Value Engineering
- Roadway Safety Audits

Environmental Compliance

- NEPA Compliance
- Environmental Impact Statements
- Environmental Assessments (EA)
- Wetlands
- Endangered Species
- 404/401 Permitting
- Phase I & II Property Assessments
- Noise Compatibility/Monitoring
- Air Quality Studies

Land Acquisition

- Right of Way Documents
- Property Surveys
- Right of Way Acquisition
- Relocation Services

Traffic Systems

- Traffic Signal Systems
- Traffic Impact Studies
- Traffic Analysis/Capacity Analysis
- Traffic Simulation Modeling
- Impact Traffic Management
- Traffic Calming Studies
- Safety Studies

GIS Technology & Asset Management

- Needs Assessment
- Database Design
- Applications Development
- Data Conversion
- GIS Facility Data Collection

Rail Engineering & Planning

Utility Coordination

Land Surveying

Asset Management

Value Engineering

Delivering Value to Local Public Agencies

SAVINGS & PERFORMANCE



I-70 & Mississippi River Bridge Interchange
- MODOT & St. Louis, MO

Innovative & streamlined
project development
process **saves MoDOT**

28%



I-70 & Route MM Interchange
- Warrenton, MO

CMT delivered preliminary through final plans on
this developer driven, fast-tracked Interchange
project in

8 Months

Saving Money

We know that going over budget is not an option. CMT is consistently commended on our ability to not only remain within budget, but often identify opportunities to either save money or maximize the money already being spent.

Beating Schedules

Through streamlined communication and proven workflow processes, CMT routinely demonstrates our commitment to meeting schedules or fast-tracking schedules to address specific client goals.

Performance-Based. Value-Driven.

At CMT, we know that costs and schedules aren't the only contributors to successful projects. True transformation happens when the resulting infrastructure is more efficient and functional.

As pioneers in performance-based project development, CMT helps our DOT clients leverage their investments to create greater value and enhanced project performance.



Achieving Recognition

CMT's innovative and collaborative solutions are routinely honored with industry awards for excellence and client satisfaction.

Des Peres Roundabout

- 2025 APWA Missouri
- Transportation Project of the Year

Mississippi River Bridge Project

- 2014 ACEC Missouri Grand Award
- 2019 America's Transportation Award

Park Over the Highway

- 2019 America's Transportation Award
- 2017 ACEC National Recognition Award

20th Street Cycle Track & Mobility Project

- 2023 APA St. Louis
- Outstanding Planning Practice Award