



**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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St. Charles, MO 63303

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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 / Environmental

Dear Ms. Buechter:

Crawford, Murphy & Tilly, Inc. (CMT) is pleased to submit this Letter of Interest for inclusion in Missouri's Local Program 2026–2029 On-Call Consultant List for the Environmental category. Our team brings decades of experience delivering comprehensive environmental services for transportation projects statewide, consistently aligning our processes to project goals and achieving exceptional results for Local Public Agencies (LPAs) and MoDOT.

General Experience of Firm

CMT specializes in the preparation of Categorical Exclusion, Environmental Assessment, and Environmental Impact Statement documents, as well as re-evaluations in compliance with NEPA under FHWA procedures. We have completed ecological surveys, endangered species assessments, wetlands evaluations, and noise analyses for well over 100 projects, demonstrating depth and versatility across complex transportation and development initiatives.

Our portfolio includes:

- Habitat evaluations and mitigation strategies for endangered species (e.g., Indiana and Northern long-eared bats, rusty patched bumblebee, Franklin's ground squirrel, Eastern prairie fringed orchid)
- Wetland delineation, permitting (404/401), and mitigation
- Noise monitoring, modeling, and abatement design
- Coordination with agencies such as USFWS, MDC, and FHWA

Past Performance

We have a proven track record of successful project delivery for MoDOT and other state Departments of Transportation, consistently meeting aggressive schedules and fulfilling complex regulatory requirements. Our experience spans a wide range of environmental services, from ecological surveys and endangered species assessments to NEPA documentation and noise analysis, all performed with a commitment to quality and compliance. Through proactive project management and close coordination with agencies and stakeholders, we have helped clients navigate permitting processes, minimize environmental impacts, and achieve timely approvals.





David Hoekel Parkway Phase 5 (Wentzville, MO) | CMT led a comprehensive suite of environmental services for this major transportation corridor, beginning with an ecological survey that included targeted bat acoustic monitoring and a thorough biological assessment to identify sensitive species and habitats. The team performed detailed wetland delineations and developed robust mitigation strategies, ensuring all regulatory requirements were met and natural resources were protected throughout the project lifecycle. Close coordination with agencies such as the USFWS, MDNR and local stakeholders facilitated timely permit submittals for a complex project. Though permitting is still ongoing, the team has enabled project advancement by fostering agency coordination to develop effective conservation outcomes.

US Route 60 CRISI Corridor (Webster County, MO) | For this federally funded corridor improvement, CMT conducted detailed wetland delineations and in-depth habitat evaluations. The environmental findings were integrated into project planning, allowing for design modifications that minimized ecological impacts and supported agency coordination. This proactive approach ensured full compliance with both state and federal environmental regulations, streamlining the clearance process and supporting project delivery.



I-44 Marshfield Interchange (Marshfield, MO) | CMT was responsible for preparing all NEPA documentation and performing a comprehensive noise analysis for the I-44 Marshfield Interchange, addressing both regulatory standards and community concerns regarding environmental impacts. The team's work included evaluating a broad range

of environmental factors, identifying potential adverse effects, and developing practical mitigation measures to protect local resources and residents. Their expertise and familiarity with FHWA requirements enabled the project to secure timely approvals and maintain alignment with federal guidelines.



Riverpointe Development (St. Charles, MO) | CMT provided critical environmental support for the Riverpointe Development by conducting wetland and stream impact analyses to quantify and address potential effects on aquatic resources. The team managed agency coordination, including direct consultation with the USFWS, to ensure all regulatory requirements and stakeholder interests were addressed throughout the permitting process. Their efforts facilitated successful project approval and promoted sustainable development practices that balanced growth with environmental stewardship.

Qualifications of Personnel

Our environmental team includes Certified Ecologists, project managers, and specialists with extensive experience in NEPA compliance, endangered species surveys, wetland assessments, and noise analysis. Key staff include:

Heather Lacey, PMP | Heather Lacey is a Certified Ecologist with 26 years of experience in natural resources management and environmental consulting. She specializes in ecological surveys, endangered species assessments, and regulatory compliance for transportation and infrastructure projects. Heather's leadership and technical expertise ensure successful project delivery and effective agency coordination.

Marion Wells | Marion Wells is a Senior Certified Ecologist with 14 years of experience conducting ecological surveys and impact assessments for a wide range of projects. Marion's background includes specialized work in habitat evaluations, endangered species studies, and wetland delineations. Her thorough approach and scientific rigor support effective environmental solutions and regulatory compliance.

Alexandra Zelles | Alexandra Zelles brings 14 years of experience in biology and ecology, with a focus on environmental assessments and natural resource management. As a Senior Certified Ecologist, Alexandra has led numerous ecological surveys, habitat evaluations, and conservation planning efforts. Her expertise ensures high-quality technical analysis and successful project outcomes.

Jennifer Miller, CEI | Jennifer Miller has 32 years of experience in NEPA documentation and noise analysis for transportation and infrastructure projects. She is recognized for her proficiency in preparing environmental documents, conducting technical studies, and navigating complex regulatory requirements. Jennifer's depth of knowledge and commitment to quality have contributed to the success of numerous federally funded projects.

Familiarity/Capability



Our team possesses deep expertise in navigating federal project requirements, with a proven record of delivering numerous federally funded projects in full compliance with NEPA, FHWA, and related environmental regulations. We utilize advanced software platforms—such as GIS mapping, traffic noise modeling, and ecological data analysis tools—to enhance accuracy, efficiency, and transparency throughout every phase of environmental documentation. By continuously adopting innovative methodologies and best practices, we streamline complex processes, anticipate regulatory challenges, and deliver superior outcomes for our clients.

Our longstanding relationships with MoDOT and key resource agencies, including the USFWS and MDC, enable us to coordinate efficiently, resolve issues proactively, and expedite project approvals. This collaborative approach ensures that our environmental documentation is thorough, timely, and aligned with both agency expectations and project objectives. Our familiarity with agency protocols and our commitment to responsive communication allow us to support clients with precision and speed, minimizing delays and facilitating successful project delivery.

Accessibility/Responsiveness

Responsiveness is central to our mission. We commit to

acknowledging and addressing all client inquiries within 24 hours, reinforcing our dedication to reliability and client satisfaction. Our team is strategically located across Missouri, Illinois, and Ohio, ensuring flexibility and resource availability statewide.

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 GIS and other technical software, technology, and computers running smoothly.



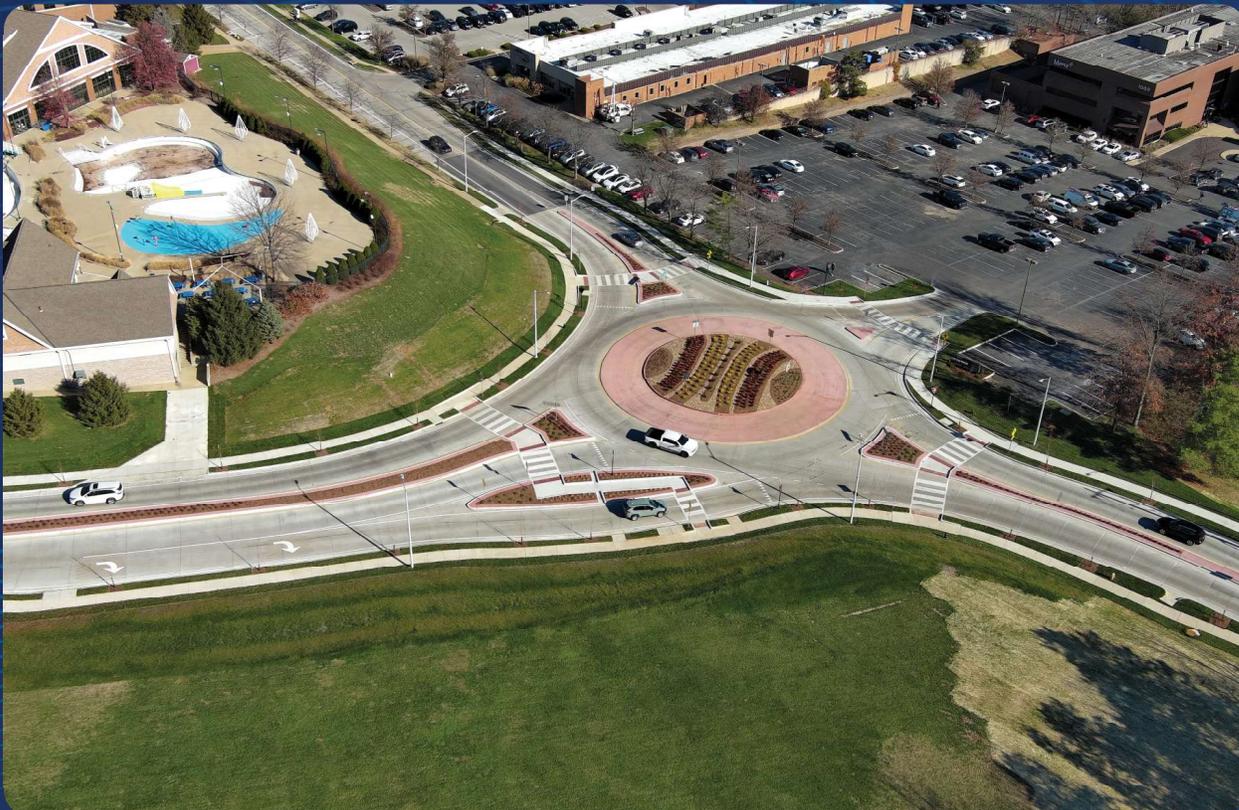
This combination of physical presence and digital connectivity allows us to respond quickly to client needs and maintain high standards of service. We appreciate the opportunity to be considered for the LPA On-Call Consultant List and look forward to contributing to the success of transportation initiatives across Missouri. Please find our company brochure attached for further information.

Respectfully yours,



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



Elevating infrastructure, *together.*

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.



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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