

Elevating Infrastructure, *together*



Crawford, Murphy & Tilly, Inc. Company Brochure

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

December 12, 2025





Elevating infrastructure, *together.*

About CMT

Established

1946

Number of Offices

25

Firm Size

500+ employees

Number of Professional Engineers

190

Missouri Offices

Crawford, Murphy & Tilly, Inc.

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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