



**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:

Civil Design, Inc.

Firm Contact Name:

Tricia Bohler, PE

Contact Email
Address:

tbohler@civildesigninc.com

Firm's Mailing Address:

5220 Oakland Avenue

St. Louis, MO 63110

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**

Ashley Buechter, PE
Local Program Administrator
RE: Roadway Design Services

Ms. Buechter,

Overview | At CDI, we strive to help our clients improve the condition of their infrastructure by providing reliable, convenient, and safe roads of great value. Our culture is centered around a fundamental commitment to **Building Stronger Communities**, meaning our team of passionate individuals is dedicated to revitalizing the spaces that contribute to our daily lives. Since its founding in 1996, our team has grown to over 150 team members with four locations, six service lines, and nearly 40 licensed professionals. Our experience lends us the ability to generate innovative solutions to project challenges, and we believe our expertise lends us the insight needed to further the infrastructure goals of cities and municipalities and help build stronger communities throughout the State of Missouri.

Interdisciplinary Approach | CDI is a multi-disciplined civil engineering firm offering roadway design, civil site, structural, land surveying, and GIS services, with services separated into six primary service lines: Infrastructure + Analytics, Site, Structures, Survey, **Transportation**, and Water Resources. Our service lines leverage each other's knowledge and expertise, implementing quality control measures, enabling unique solutions, and ultimately ensuring optimal project outcomes for our clients.

GENERAL EXPERIENCE OF FIRM

Roadway Design | CDI provides the design and construction documents needed for highway and roadway projects, with design elements including everything from collecting traffic volume data to the design of the roadway itself. Our Transportation team has experience with both small- and large-scale projects, having worked with municipalities expanding or rebuilding their roadways, while also designing multi-lane expressways for state departments of transportation. Our team's versatile experience spans projects at the state, county, municipal, and neighborhood levels.

CDI's approach to roadway design is attentive, and we are careful to consider the maintenance of traffic, utility relocations, environmental permits, drainage needs, intersection layouts, ADA compliance, maintenance of the facility itself, and the latest regulations. CDI's roadway design services include:

- Rural & Urban Roadway Design
- Maintenance of Traffic
- Intersection Improvements
- Pavement Markings
- Signing & Striping Design
- Stormwater & Hydraulics
- ADA Improvements

PAST PERFORMANCE

Chester Bridge

Chester, IL | Services: Roadway Design, Construction Administration

Contact: Brian Okenfuss, MoDOT, 537-258-9144, brian.okenfuss@modot.mo.gov

Project included final design plans and special provisions for roadways, ramps, and walls needed for the Chester Bridge realignment of Route 51 over the Mississippi River at Chester, Illinois. MoDOT – SE District led the project with cooperation with IDOT. The new roadway alignment allowed the new bridge to be constructed off-line from the existing bridge so that the existing bridge could be utilized during construction. Also developed maintenance of traffic and temporary traffic control plans for three major stages of construction. Also provided Missouri-side levee road reconstruction plans and ITS plans.



Missouri's Local Program On-Call Services | Civil Design, Inc.

Route 109 at Route CC

St. Louis County, MO | Services: Civil Engineering, Land Surveying

Contact: Tom Montes-de-Oca, Project Manager, MoDOT, 314-453-5031

This project will replace the existing intersection at Route 109, Route CC, Wild Horse Creek Road, and Eatherton Road with a multi-lane roundabout. In what was once a rural part of St. Louis County, the cities of Chesterfield and Wildwood continue to grow rapidly. As a result of the increased traffic volumes, this four-way stop controlled intersection no longer functions well and causes long queues during peak hours. When the roundabout is completed, traffic will be able to flow freely, especially with dedicated lanes for the highest volume movements. CDI is the prime consultant, providing transportation civil engineering and land surveying services on this project, including topographic and right of way survey, as well as the development of plans throughout the preliminary plan, right-of-way acquisition, final design, and bidding phases. Design tasks included geometric layout, modeling, drainage, retaining walls, driveways, utility relocation coordination, preliminary traffic staging, quantities, cost estimating, and specifications.



AR-1718 McKelvey Resurfacing and ADA Phase 2

St. Louis County, MO | Services: Civil Engineering, Land Survey

Contact: Mike Busch, PE, Project Manager, Oates Associates, Mike.Busch@oatesassociates.com

Improvements to McKelvey Road Phase 2 project from Glenpark Drive to Creve Coeur Mill Road include roto-milling the deteriorated roadway surface to improve drivability and drainage. The deteriorated pavement is being replaced where needed and a new Superpave wearing surface will be provided. Sidewalks throughout the corridor will be removed and replaced with ADA compliant pedestrian facilities. New sidewalk will be installed on the east side of McKelvey Road to fill a gap of missing sidewalk between Smoke Rise to Creve Coeur Mill Road. CDI provided all drainage design, construction plans associated with the new storm drainage facilities and provided all MSD coordination and permitting for the project. Water quality was a MSD requirement for this project.

Route 30 Signal Replacements

St. Louis County, MO | Services: Civil Engineering, Land Survey

Contact: Barry Bergman, Project Manager, MoDOT, 314-453-5033



As part of the MoDOT On-Call program, CDI served as the prime consultant, providing professional civil engineering and land surveying services for signal replacements along Route 30 at the Sappington-Denny, Sibert, Weber-Elgin, and McKenzie intersections. The survey scope of work included topographic, boundary, and utility locates. Civil engineering services included ADA-compliant sidewalk and curb ramp design. The CDI team also provided drainage design and MSD coordination.

Route B Resurfacing and Box Culvert Replacement

St. Charles County, MO | Services: Roadway Design, Land Survey, Structural Engineering

Contact: Chris Kelly, Project Manager, MoDOT, 314-453-5034

As part of the MoDOT On-Call program, CDI served as the prime consultant. CDI performed topographic survey, hydraulics, roadway design, and structural engineering services. The project scope included over nine miles of asphalt resurfacing, an 8-foot by 7-foot culvert replacement, a guardrail replacement, and a road raise in two locations. The road raises lessened the duration of closures to the Golden Eagle Fairy entrance during flooding occurrences.



QUALIFICATIONS OF PERSONNEL



Tricia Bohler, PE | Project Manager, 32 Years of Experience

Tricia Bohler is the Transportation Service Line Leader for CDI and is responsible for the project oversight of all CDI roadway projects. Tricia has more than 28 years of design and project management experience in highways, municipal roadways, and parks and trails. Her diverse experience lends her a strong knowledge of how to integrate a project team and deliver a successful project.



Elena Wise, PE, PTOE | Traffic Engineer, 29 Years of Experience

Elena’s specialized expertise includes construction staging and maintenance of traffic, highway signage and pavement markings, ADA facilities, traffic studies, traffic control design, and traffic modeling and analysis. She is experienced with the PS&E delivery process, as well as planning-level and design-build strategies. She has an interest in serving the public’s need for practical and sustainable multi-modal use infrastructure.



Alison Graves, PE | Project Engineer, 20 Years of Experience

Alison Graves is a Transportation Project Engineer for CDI, with more than 16 years of experience in highway, municipal roadway, and site design. Throughout her career, Alison has effectively coordinated with professionals across multiple disciplines, offices, and states. At CDI, she has partnered with many public and private clients in Missouri and the St. Louis Region, including several major projects with MoDOT.



Tony Frankenberg, PE | Project Engineer, 17 Years of Experience

Tony Frankenberg is a Project Engineer for CDI, with 15 years of experience in highway and municipal roadway design. Tony’s responsibilities have included conceptual and final roadway and drainage design, plan preparations, environmental impact studies, and traffic analysis studies. His project experience involves various Owners including projects with MODOT, IDOT, St. Louis City, and St. Louis County.

FAMILIARITY/CAPABILITY

CDI has worked as a prime consultant and as a sub-consultant on a variety of urban and rural highway projects throughout Missouri. Our design professionals are **LPA certified** and are familiar with MoDOT LPA processes, procedures, and deliverables. We will bring solutions that are appropriate for the context of each project challenge. The CDI roadway team has a variety of experience and will prioritize your projects to meet schedule and budget.

ACCESSIBILITY

CDI holds a positive record of performance, applying each of our core values to every project: Continuous Learning and Growth, Mutual Trust and Respect, Personal Ownership, and Responsiveness. With headquarters in St. Louis and a location in Jefferson City, our Missouri offices offer the proximity needed to effectively meet each project goal. We look forward to the opportunity to continue our relationship with LPA and know our team can provide the quality Road Design services needed to further community development across Missouri.

Sincerely,

CIVIL DESIGN, INC.



Vicki S. LaRose, President

314.880.4424 | vlarose@civildesigninc.com

“The resurfacing and raising of the road in places are huge improvements to that stretch of Highway B...[The team] promised this project would be completed as soon as possible once the water wad down and it has happened.”

Susan Rose | Calhoun County Resident

COMPANY OVERVIEW

SERVICES



INFRASTRUCTURE + ANALYTICS



SITE



STRUCTURES



SURVEY



TRANSPORTATION



WATER RESOURCES

In 1996, Vicki LaRose, P.E. established **Civil Design Inc. (CDI)** with a focus on helping clients design quality infrastructure through successful, results-based projects. Today, CDI has established a reputation for excellence and a solid base of satisfied, repeat customers. Our firm has grown to over 150 team members with nearly 40 licensed engineers and four Professional Land Surveyors. CDI has the in-house expertise to provide our clients with quality civil engineering, mapping, and surveying services.

Throughout our history, CDI has embraced the idea of developing innovative solutions for complex engineering problems. Our insight and experience allow us to empower our clients to make intelligent decisions on how to apply limited resources in the best way for their projects.

For over 30 years, the culture at CDI has centered around **BUILDING STRONGER COMMUNITIES**. CDI is a leader in providing a positive and sustaining impact on our client community, local community, and co-workers. We are building a community of dedicated and passionate staff who are focused on those we serve. Because of this community-based culture, we will consistently offer the most positive, quality-driven and authentic experience.

CONTACT

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LOCATIONS

- ST. LOUIS
- COLLINSVILLE
- EFFINGHAM
- JEFFERSON CITY
- LOUISVILLE
- PRESTONSBURG





WORKFORCE DIVERSITY

As a woman-owned organization, CDI understands the challenges minorities and women face throughout our industry. Our goal is to continue to further our commitment to diversity as our organization grows and develops. With minority and woman percentages far above the industry average, CDI maintains a commitment to keeping diversity and inclusivity at the forefront of our organization. All team members are offered personal and professional growth opportunities and are afforded the opportunity to explore unique growth paths.

Civil Design, Inc. provides equal employment opportunities to all team members and applicants for employment and prohibits discrimination and harassment of any type without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state, or local laws. We go above and beyond the minimum requirements to ensure our team members and candidates have a safe, welcoming, and inclusive experience.

COMMUNITY RELATIONS APPROACH

Our team understands the value of community input. After all, our mission is to Build Stronger Communities through our contributions to creating quality, sustainable infrastructure systems. We appreciate community feedback, and recognize the direct impact our work can have on the individual members of our communities.

Recently, CDI has worked extensively with communities throughout the Village of Godfrey, on both the D'Adrian Drainage Improvements and Ridgefield Drainage Improvements projects. Community engagement efforts on these projects

included multiple neighborhood meetings with the residents affected by the flooding issues, as well as extensive resident correspondence. Correspondence methods included mailed postcards and letters, which served as a means of developing key project information regarding current conditions. Residents also submitted personal photos to the CDI team, further detailing the flooding issues throughout the area.

Beyond our recent work in the Village of Godfrey, our team has also gathered community relations experience through our experience on a variety of Great Streets projects throughout the Greater St. Louis area. On a recent project, Frenchtown Great Streets, CDI served as a subconsultant to Design Workshop, Inc., and participated in numerous community feedback meetings. Ultimately, the Great Streets Initiative aims to challenge communities to envision streets as more than spaces for automotive travel, meaning community feedback played a particularly valuable and essential role in a successful project outcome. Throughout community feedback meetings, virtual polling technology was utilized to help collect community data efficiently and effectively. The information collected was then used to further advise the Frenchtown Great Streets project. CDI recognizes the vital role a community plays when developing an important project and our team finds community input to be paramount when completing a successful project.



Proactive Coordination

Full-Service Civil Firm



Involved From Start to Finish

Robust Quality Control Program





QUALITY CONTROL PROGRAM

CDI's project oversight and quality control encompasses the entire design process from start to finish. Our Quality Control Program incorporates the review and permitting required by local authorities and regulatory agencies. Agencies include Departments of Transportation, the Department of Natural Resources (DNR), the Environmental Protection Agency (EPA), and the United States Army Corps of Engineers (USACE). CDI's Quality Control Program focuses on the following key components:

QUALITY-FOCUSED APPROACH

CDI's Quality Control Program includes a logical, well-planned, and quality-focused approach. We promote streamlined team communication, clearly identifying project schedules and milestones, team meetings, correspondence, submittal requirements and expectations, QA/QC procedures, and available tools. Efficient and well-timed team meetings ensure all team members are informed of any issues, obstacles, or challenges.

INITIAL ASSESSMENT

CDI developed automated QA/QC tools to review field data and identify missing relevant data. At this stage, quality reviews identify data gaps, such as missing owner communication, easement areas that are not delineated, and incomplete or outdated condition assessments, as well as the feasibility of the proposed design. Our team reviews documented communication with municipalities, counties, and agencies to confirm the project scope is effectively communicated.

TECHNICAL REVIEWS

The internal design review process involves checking, back-checking, updating, and verifying project documents. Reviewers check calculations, drawings, and cost estimates, ensuring design standards are followed and local jurisdictional requirements are met.

INDEPENDENT PEER REVIEWS

In addition to the quality control performed by our QC Manager, CDI team leaders cross-check peer reviews within their field of expertise. This important factor provides our clients with consistent designs and deliverables, while also reducing the municipal and agency review time needed for each project.

MISSOURI'S LOCAL PROGRAM ON-CALL | COMPANY BROCHURE

PROJECT MANAGEMENT AUDITS

Project management audits are performed for each project at every submittal stage to confirm the correct project management procedures are being followed. We begin at zero percent complete, or "day one," ensuring each design team has the necessary resources and information in place before design starts.

CONSTRUCTIBILITY REVIEWS

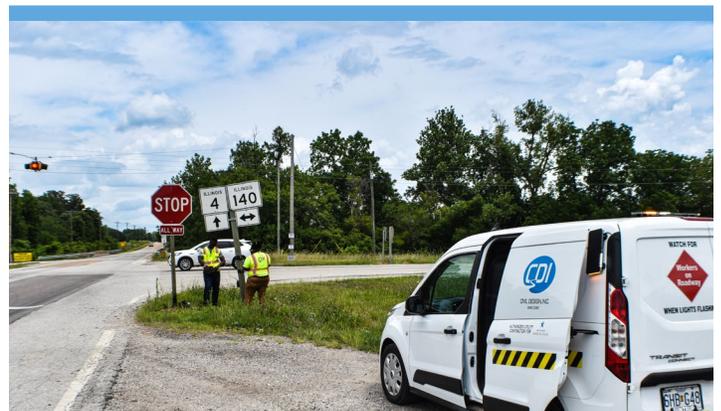
Each technical lead utilizes their project experience and knowledge of construction methods to maintain realistic construction costs and ensure the project can be built in a practical manner. Reviews focus on identifying conflicts, infrastructure component installation, utility coordination, contractor staging and access, and receiving structure capacity. As a result of constructibility reviews, our team can perform design modifications early in the project process.

COMMITMENT TO SAFETY

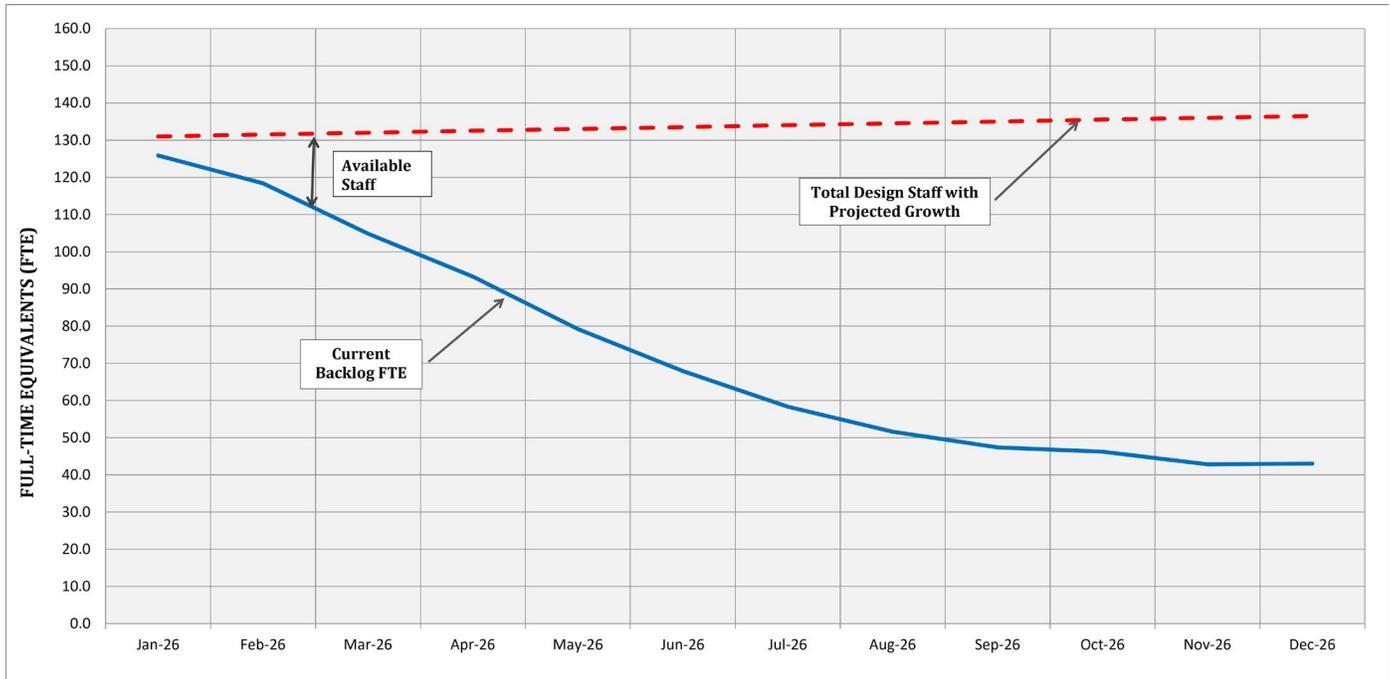
We find our team to be the most important asset at CDI, valuing the safety, dignity, and respect of all our team members. Due to the variety of the projects that we undertake and the various specialties of our team, developing a unified safety program covering all aspects of the nature of our work is a vital undertaking. To address the variety of safety concerns faced by our team members, we formed an internal committee to develop and maintain a safety program meeting the needs of each of our services.

CDI's Safety Program is intended to provide guidelines to establish and maintain an effective safety management culture to reduce team member injuries and support compliance with OSHA workplace safety regulations.

The practice of occupational safety and health and its related regulatory programs are constantly under review and change. In order to prevent work-related injuries, all CDI team members are properly trained and held accountable for safety. Team members are required to understand all known hazards presented in their work environment and are able to respond appropriately to unplanned hazards which may arise.



WORKLOAD CAPACITY | JANUARY 2026 THROUGH DECEMBER 2026



FIRM BREAKDOWN

	FIRMWIDE	STL	EFF	JEF	LOU	CVL	PBG
ADMINISTRATIVE/OTHER	12	6	2	1	2	1	0
CADD TECHNICIAN	5	2	1	0	0	2	0
CIVIL ENGINEER	21	12	3	3	2	3	0
CONSTRUCTION INSPECTOR	2	0	1	0	1	0	0
CONSTRUCTION MANAGER	1	0	1	0	0	0	0
LAND SURVEYOR	9	2	3	1	2	1	1
GIS SPECIALIST	8	3	2	0	1	1	1
STRUCTURAL ENGINEER	18	7	4	1	2	4	0
FIELD TECHNICIAN	34	20	6	0	5	1	2
TRANSPORTATION ENGINEER	28	12	7	1	3	4	1
WATER RESOURCES ENGINEER	6	4	1	1	0	0	0
OTHER (INTERN)	17	7	0	0	1	5	0
TOTAL	163	75	34	8	19	22	5