

## COMPANY OVERVIEW

### SERVICES



### INFRASTRUCTURE + ANALYTICS



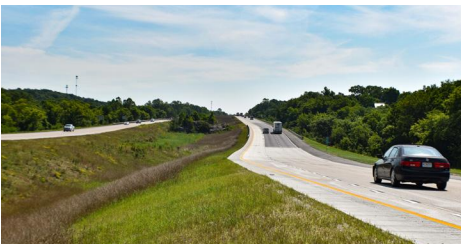
### SITE



### 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 100 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 25 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

**Vicki Larose, PE, President**

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## WBE/DBE CERTIFICATIONS

- Women's Business Enterprise National Council (WBENC)
- State of Missouri
- City of St. Louis
- Metropolitan St. Louis Sewer District (MSD)
- Missouri Department of Transportation (MODOT)
- St. Louis Airport Authority
- State of Illinois
- Illinois Department of Transportation (IDOT)
- Illinois Capital Development Board (CDB)
- Indiana Department of Transportation (INDOT)
- METRO Louisville
- Kentucky Transportation Cabinet (KYTC)

## LOCATIONS



EFFINGHAM, IL  
JEFFERSON CITY, MO  
LOUISVILLE, KY  
ST. LOUIS, MO



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.

## 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.

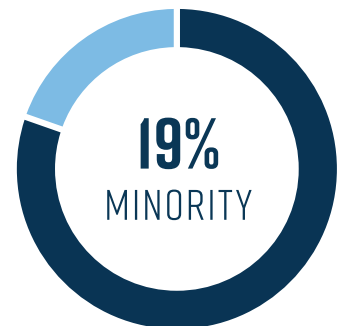
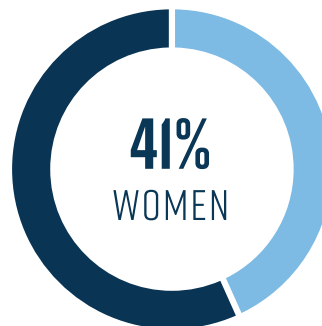
## COMMUNITY RELATIONS APPROACH

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.

## LOCAL WORKFORCE

Civil Engineer (PE)	17
Civil Engineer (EI)	9
Civil Engineer	3
Structural Engineer (SE)	2
Structural Engineer (PE)	2
Structural Engineer	3
CADD Technician	1
GIS Specialist	1
Land Surveyor (PLS)	1
Surveyor in Training (SIT)	1
Field Technician	16
Landscape Architect	1
Administrative/Other	11
<b>TOTAL</b>	<b>68</b>





## 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 the Utility with consistent designs and deliverables, while also reducing the municipal and agency review time needed for each project.

## 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

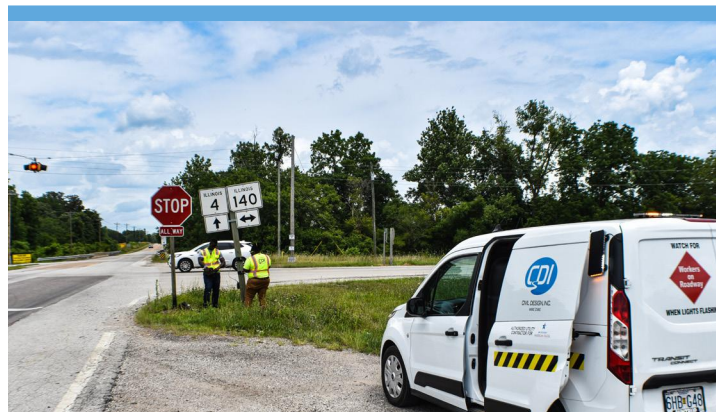
Each technical lead utilizes their project experience and knowledge of construction methods to maintain realistic construction costs and ensure the project can be built in a practical manner. Reviews focus on identifying conflicts, infrastructure component installation, utility coordination, contractor 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

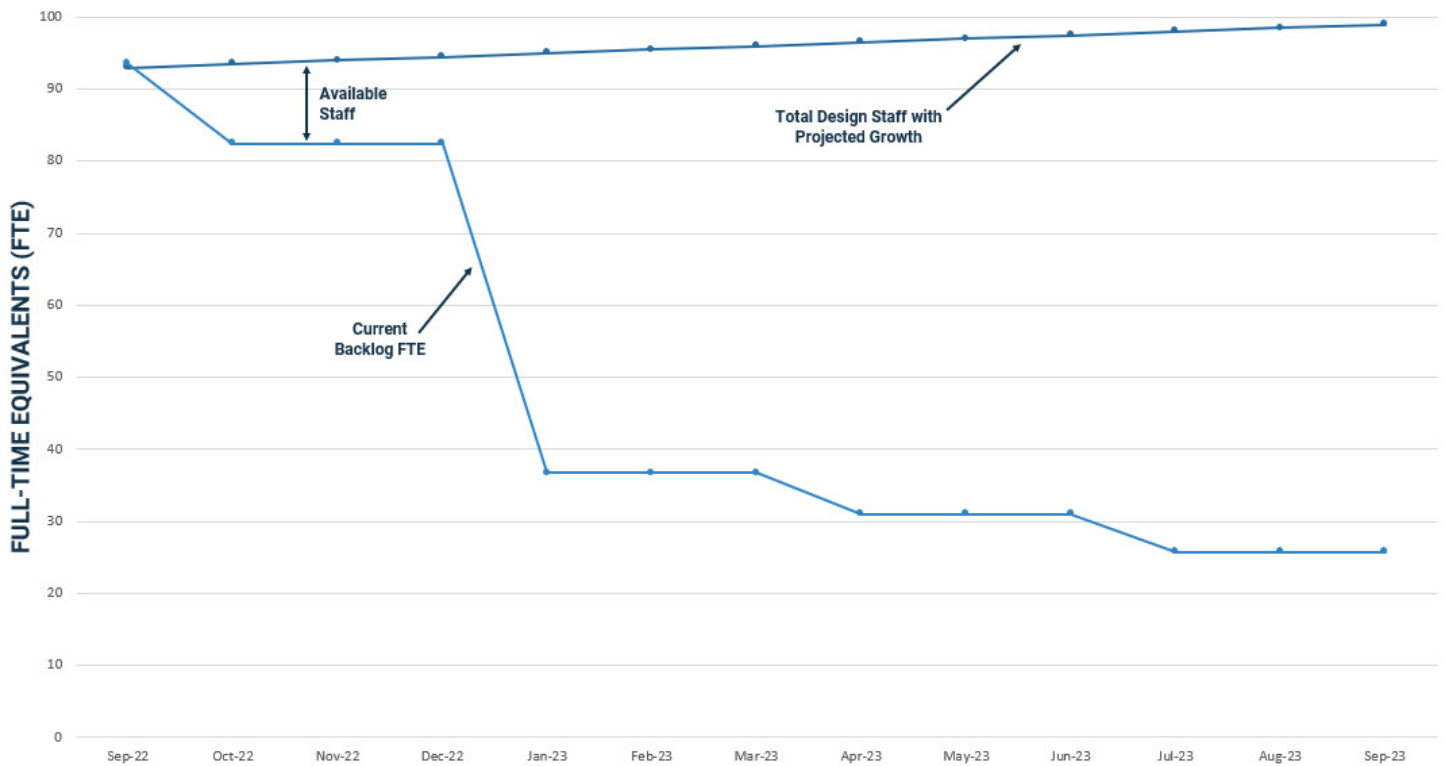
We find our team to be the most important asset at CDI, valuing the safety, dignity, and respect of all our team members. Due to the variety of the projects that we undertake and the various specialties of our team, developing a unified safety program covering all aspects of the nature of our work is 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 | SEPTEMBER 2022 THROUGH SEPTEMBER 2023



## FIRM BREAKDOWN

	FIRMWIDE	STL	EFF	JEF	LOU
CIVIL ENGINEER (PE)	26	17	3	2	4
CIVIL ENGINEER (EI)	9	7	1	0	1
CIVIL ENGINEER	5	4	1	0	0
STRUCTURAL ENGINEER (SE)	4	2	2	0	0
STRUCTURAL ENGINEER	4	4	0	0	0
CADD TECHNICIAN	3	1	0	0	2
GIS SPECIALIST	3	1	2	0	0
LAND SURVEYOR (PLS)	4	1	2	0	1
SURVEYOR IN TRAINING (SIT)	2	1	0	0	1
FIELD TECHNICIAN	25	18	3	0	5
LANDSCAPE ARCHITECT	1	1	0	0	0
ADMINISTRATIVE/OTHER	9	6	1	1	2
INTERN	5	4	0	0	1
<b>TOTAL</b>	<b>101</b>	<b>67</b>	<b>15</b>	<b>3</b>	<b>17</b>

*The CDI staff are competent, innovative, and highly engaged with the client and property owners. The designs they provide reflect this effort and are of high quality.*

**Joseph Krypciak, PE**  
Project Manager/Engineer  
City of Maryland Heights, MO