



ASCE ST. LOUIS SECTION  
2022 ANNUAL AWARDS DINNER

Program to include:

*Presentation of St. Louis Section Awards*  
*Recognition of newly elected ASCE and Region Officers*  
*Installation of new St. Louis Section Officers*

THE EVENING OF FRIDAY,  
**SEPTEMBER 30, 2022**



**INTERNATIONAL PHOTOGRAPHY  
HALL OF FAME AND MUSEUM**

3415 Olive St., St. Louis, MO 63103

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HOPE TO SEE YOU THERE!

Jordan Pettibone, Annual Dinner Chair  
[jepettibone.asce@gmail.com](mailto:jepettibone.asce@gmail.com)

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**LinkedIn**

Follow the Section and share with your network.  
Update your bookmarks with our new Section website  
<http://sections.asce.org/st-louis/>

## Officers & Directors 2021 - 2022

### President

John Weiland  
Wade Trim  
[jweiland@wadetrim.com](mailto:jweiland@wadetrim.com)

### President-Elect

Alison Graves  
Civil Design Inc  
[agraves@civildesigninc.com](mailto:agraves@civildesigninc.com)

### Vice President

Chris Toenjes  
Roeslein & Associates, Inc.  
[chrisatoenjes@gmail.com](mailto:chrisatoenjes@gmail.com)

### Secretary

Melantha Norton  
Nestle Purina PetCare Co.  
[diodonna@hotmail.com](mailto:diodonna@hotmail.com)

### Treasurer

Melissa Rettig  
Hg Consult, Inc.  
[mrettig@hgcons.com](mailto:mrettig@hgcons.com)

### Director of Technical Development

vacant

### Director of Administration

Shari Cunningham  
SCI Engineering, Inc.  
[scunningham@sciengineering.com](mailto:scunningham@sciengineering.com)

### Director of Professional Development

Tony Roth  
Geotechnology, LLC  
[troth@geotechnology.com](mailto:troth@geotechnology.com)

### Past President

Jordan Pettibone  
Horner & Shifrin, Inc.  
[jpettibone.asce@gmail.com](mailto:jpettibone.asce@gmail.com)

## President's Message



June is here, and with it, rising temperatures, kids out of school for the summer, and outdoor activities like picnics, golf, baseball games, outdoor concerts, and other fun events. Something interesting about the month of June is that June 23rd marks International Women in Engineering Day. According to the Society of Women Engineers, since 1982, women have earned almost 10 million more college degrees than men. However, according to ASCE, women earned only 23% of engineering degrees in 2020, held just 18.5% of engineering faculty positions in 2021, and accounted for a mere 14% of engineering employment in 2019.

While progress has been made historically in opening gender diversity in engineering, much more progress is needed to fully realize the potential benefits that equal participation can provide to our profession and society at large. ASCE is fully supportive of encouraging girls and young women to consider STEM-related careers, including engineering. Members of the ASCE St. Louis Section frequently participate in STEM outreach events, career mentoring, and student outreach. If you're interested in participating in any of these activities, please let me know and I will connect you with opportunities with our many committees.

I'm extremely happy to recognize that the election results are in, and the newly-elected ASCE 2023 President-Elect is **Marsia Geldert-Murphey**, P.E., F. ASCE, Regional Director with Lochmueller Group, and a member and Past President of the ASCE St. Louis Section. Marsia is a truly dedicated leader, who makes it a priority to serve her profession and community and mentor young engineers. It is truly a proud moment for the St. Louis Section to have one of our own ascend to this international role of leadership. Please join me in congratulating Marsia on her well-deserved election. We look forward to her leadership!

You may have seen in the May mid-month update that the ASCE St. Louis Section Board of Directors is proposing a Constitutional Amendment to consolidate positions within the Board of Directors. This amendment includes a proposed elimination of the position of Vice-President and a reduction of one Director position. This proposal is made with the intent of reducing the multiple-year time commitment to serving on the Board of Directors in the hope that this may make serving on the Board a more inviting proposition to potential candidates. The following links show the changes to the constitution and the constitution marked up from the changes.

<https://sections.asce.org/st-louis/proposed-revisions-may-2022>

As stated in the Constitution, these revisions are to be published for the membership to view for 30 days before the Board can vote on recommending these changes placed on the ballot. The Board plans on voting on these recommendations at the following this 30-day notification period.

Finally, I would like to mention that the regularly scheduled June luncheon (typically scheduled for the second Tuesday of the month) is being rescheduled to a later date this summer. Please watch out for more details later.

This will be the last regular monthly issue of our newsletter until September. We will send out updates via email to keep you informed of upcoming events and other announcements. I hope everyone has an enjoyable summer!

Yours truly,

John Weiland

## ASCE President-Elect Marsia Geldert-Murphey

The St. Louis Section sends out a hearty Congratulations to Marsia Geldert-Murphey, P.E., F. ASCE for her election as 2023 President-Elect. Marsia will be sworn in at the Society's business meeting at the ASCE 2022 Convention in Anaheim, California in October. Active in ASCE for over 30 years, Marsia served as St. Louis Section President in 2006 and then as Region 7 Governor 2009-2013.

Also elected to the Region 7 governing board were Erin M. Steever, P.E., M.ASCE (Region 7 Director), Jenifer J. Bates, P.E., M.ASCE (Region 7 Governor) and Elizabeth Staten, P.E., M.ASCE (Region 7 Governor)

You can read more about the election at <https://www.asce.org/publications-and-news/civil-engineering-source/article/2022/06/03/geldert-murphey-tabbed-as-asce-2023-president-elect> .



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## Section Constitution and Bylaws Proposed Revisions

The Board of Directors created a task committee to streamline the number of Board positions within the St. Louis Section. They have proposed elimination of the position of Vice-President and a reduction of one Director position. The following links show the changes to the constitution and the constitution marked up from the changes.

<https://sections.asce.org/st-louis/proposed-revisions-may-2022> . These proposed revisions were posted to the Section website and a link to these revisions were provided via the May mid-month update on May 9<sup>th</sup>.

As stated in the Constitution, these revisions are to be published for the membership to view for 30 days before the Board can vote on recommending these changes placed on the ballot. The Board plans on voting on these recommendations following this 30-day notification period. If the Board of Directors votes to approve these constitutional amendments, the next step is for the Section membership to vote on the amendments, at which time a ballot will be distributed to membership via email for voting. Look out for further updates soon.

You can read the proposed revisions on the Section's website [here](#).

## Call for Local Award Nominations

### Extended - Call for Project of the Year Award

Do you have an outstanding project which deserves recognition? Consider nominating it for an ASCE St. Louis Section award! This prestigious award is presented at the Annual Awards Dinner in September and are a great way to showcase the civil engineering excellence in our Section!

**The St. Louis Section will accept nominations for Project of the Year Award through July 15, 2022!  
All other awards are currently under review.**

#### St. Louis Section Project of the Year

This award is made annually for any engineering project that falls into the general category of civil engineering. The award is given to the owner, lead design engineer and general contractor of the project. Only engineering and construction achievements within the boundaries of the St. Louis Section are eligible. The project must have been completed and placed into operation within 5 years of the date the nomination is submitted. Basis for the Award is “an engineering project that demonstrates the greatest engineering skills and represents the greatest contribution to civil engineering progress and mankind”.

Please submit nominations to Ronaldo Luna at [ronaldo.luna@slu.edu](mailto:ronaldo.luna@slu.edu) and Michelle (Bresnahan) Romine ([Mbresnahan@lochgroup.com](mailto:Mbresnahan@lochgroup.com)). Guidelines and forms for making nominations are available on our St. Louis Section website at: <http://sections.asce.org/st-louis/awards> under the “Awards” tab or the information can be emailed or mailed to you upon request. Email [ronaldo.luna@slu.edu](mailto:ronaldo.luna@slu.edu) or [mbresnahan@lochgroup.com](mailto:mbresnahan@lochgroup.com) with questions.

**Deadline for submittal is July 15, 2022.**

# ASCE YMG Summer Social

Bar K St. Louis (4565 Mcree Ave, St Louis, MO 63110)

Date: Tuesday, June 14, 2022

Time: 4:30-6:30 PM

# ASCE

ST. LOUIS SECTION

YOUNGER MEMBER  
GROUP



**Come out and join us for our last get together before our Summer Break!**

We will meet at the outside bar – look for the ASCE YMG banner. You will be responsible for the entrance fee (\$10 with a dog and free without). \$5 for additional dogs.

The YMG will cover appetizers and at least 1 drink. Dogs and plus 1's are welcome.

You must complete a waiver to enter. It can be completed prior using this link (<https://barkdogbar.com/become-a-member/st-louis-guest-entry-form/>) or once you arrive.

**Please RSVP using this link:**

<https://www.eventbrite.com/e/asce-ymg-summer-social-tickets-344819964797>



**GEO-  
INSTITUTE**  
St. Louis Chapter



### St. Louis Geo-Institute Scholarship Opportunities

The St. Louis Chapter of the Geo-Institute of ASCE is calling applications for a few scholarships. For more information regarding application, please visit [Geo-Institute Chapter](#). Please see the flyer on the next page.

### SuperPile 2022

Save the Date for SuperPile '22 which will be held in St. Louis, **June 15–17, 2022**. Please check the event website at <https://www.xcdsystem.com/dfi/program/2D2hmzD/index.cfm>

The technical committees of DFI and ADSC combined their industry expertise to organize SuperPile '22. This three-day conference includes presentations on the latest developments in:

- Driven piles
- Augered cast-in-place/drilled displacement piles
- Micropiles
- Marine foundations
- Testing and evaluation of foundation systems
- Seismic and lateral loads
- Drilled shafts
- Ground improvement (related to piling)
- Helical piles and tiebacks

St. Louis Chapter of the Geo-Institute of ASCE Presents

# Scholarship Opportunities!

### 1. The Mike Alizadeh Scholarship

- a. Must have graduated or will receive before July 1, 2022 a B.S. degree and have been accepted to an ABET accredited Midwestern university for graduate studies in Civil or Geological Engineering
- b. Students seeking a PHD or their undergraduate, are not eligible
- c. One or more scholarships will be awarded, with the total value being \$14,000

### 2. GeoConfluence Research Scholarship

- a. Must be pursuing a master's (thesis option) or PHD specializing in geotechnical or geoenvironmental engineering at a university within the ASCE St. Louis Section
- b. Students seeking a B.S. are not eligible
- c. Submittal deadline is June 30, 2022

### 3. Shamsheer Prakash Geotechnical Scholarship

- a. Must be pursuing a B.S. in Geotechnical or Geological Engineering in Fall of 2022
- b. Graduate and PHD students are not eligible
- c. One scholarship will be awarded, with a total value being \$1,000
- d. Submittal deadline is May 6, 2022
- e. Application and additional information can be found at <https://sections.asce.org/st-louis/geo-institute-chapter>



**GEO-  
INSTITUTE**  

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**St. Louis Chapter**



**STRUCTURAL  
ENGINEERING  
INSTITUTE**  

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**St. Louis Chapter**

## **Structural and Geo-Confluence** *CALL FOR ABSTRACTS!*

Wednesday, November 2, 2022

River City Casino

St. Louis, Missouri

The St. Louis Chapters of the Geo-Institute (GI) and Structural Engineers Institute (SEI) are now accepting abstracts for the 7th Annual Structural and Geo-Confluence. The conference will be a multi-track, full-day event featuring technical topics and case histories presented by local and national experts. The joint morning session will be focused on topics concerning the confluence of geotechnical and structural engineering. There will be two tracks in the afternoon: one track including sessions on geotechnical engineering and geoenvironmental topics and one track focused on structural engineering topics. The conference is open to all engineering and construction professionals. Last year's conference was attended by nearly 200 people located throughout Illinois and Missouri.

The planning committee is seeking speakers to provide a 30- to 60-minute presentation focused on structural engineering, geotechnical engineering, or geo-environmental topics with specific preference given to topics that overlap these focus areas. All persons are encouraged to submit an abstract to Nick Roth at [nick.roth@jacobs.com](mailto:nick.roth@jacobs.com) by July 17, 2022. Abstracts should be limited to 250 words. Once the planning committee has reviewed the abstracts, notification will be provided to the selected presenters by August 19, 2022. The submitted abstracts and presentation slides will be assembled and included in the conference publication.

Accepting abstracts, sponsorships, and exhibitors.





20 Allen Avenue, Suite 200  
St. Louis, Missouri 63119  
p 314.962.7900 f 314.962.1253

[www.f-w.com](http://www.f-w.com)

Come join the Farnsworth Group team and find out why our employees have earned us the Great Place to Work certification for several consecutive years! Farnsworth Group is a 130-year-old, employee-owned full-service Engineering, Architecture and Land Surveying firm with approximately 500 employees. We can provide employment opportunities located throughout a nationwide network of offices. Give us a closer look and discover why we are a Great Place to Work!

**Farnsworth Group** is seeking the following positions in our **St. Louis** office:

**Civil Engineer** - In this role, you will be responsible for providing our private, municipal, and state clients with cost effective, user friendly, and attractive projects as well as developing new client relationships. Requirements include a BS in Civil Engineering, PE license and a minimum of 4 years civil engineering experience.

**Traffic Engineer** - Qualified candidates will complete traffic studies (traffic impact, safety, speed, etc.), intersection design studies, traffic modeling, and traffic signalization plans. Candidates may also design and manage various Transportation and Traffic Engineering related projects, work with clients, and coordinate all aspects of the projects assigned. Requirements include a BS in Civil, Transportation or Traffic Engineering and 4 – 20 years of experience.

**Civil Engineer – Entry Level – Transportation** - In this role, you will have an opportunity to work with experienced engineers and a variety of transportation related clients including local and government agencies. Requirements include a BS in Civil Engineering and 0-3 years of experience.

**Engineering Manager** - In this role, you will work closely with our other offices as you grow and lead a client focused, technically excellent transportation and traffic engineering team to serve local, statewide, and nationwide clients in the support of multiple planning, design, and construction projects. Requirements include a BS in Civil Engineering and 10-25 years of transportation and/or structural experience.

### **How to Apply:**

Visit our website at <https://www.f-w.com/careers> or email your resume to [mbridgers@f-w.com](mailto:mbridgers@f-w.com).



11166 TESSON FERRY ROAD – SUITE 100  
ST. LOUIS, MO 63123-6966  
Office: (314) 729-7600  
Web: <https://design9.com/>

## About Opportunity

Design Nine, Inc (DNI) is currently looking for **co-op/intern and full-time drafting and engineering candidates** with a focus or experience in surveying, drafting, transportation, and or structural disciplines.

## About Position

DNI is looking for highly motivated candidates(s) interested in assisting in advancement of railroad related projects from conception to construction. The railroad industry is fast paced where projects are conceived, developed, and constructed on an accelerated timeline to meet the ever-changing market demands and growing economy. DNI has an established history of hiring drafting and engineering candidates who are considering a new or continuing a career path with a structural, transportation or general civil focus or discipline. Previous education and experience in the railroad industry is not required as much of our practice is hands-on skills that will be taught by our staff on a project-by-project basis. Our small office setting allows for ample opportunity for an inquisitive candidate to expand their knowledge and experience in problem solving and accomplishing their assigned tasks in an environment where daily interaction, technical resources and guidance is readily accessible. Prior knowledge or basic experience in AutoCAD, MicroStation or a drafting software is preferred.

## About Design Nine, Inc.

Design Nine, Inc. is an engineering firm comprised of railroad engineers and support staff uniquely focused on providing surveying, transportation, structural and project management engineering services to railroads and industries served by railroads. Our firm is unique for the industry we serve and how we serve our clients. Our staff is fully engaged in all aspects of a project from early on when a project is conceived by a client, through the topographic location survey and into the final design and award to a contractor. Our services routinely continue in providing construction staking of the design and project management and oversight of the construction efforts until final acceptance.

## About Resume Contact

Michael Atzert, P.E.  
Project Engineer  
[mpatzert@design9.com](mailto:mpatzert@design9.com)

# Join the Prairie Team



*Prairie Engineers is a team of forward-thinking engineers, surveyors, and scientists solving problems for agencies that improve and preserve public works across the United States. Since our founding in 2010 we have developed expertise in delivering quality products, built a strong network of teaming partners, and instilled a responsive “can do” culture in our firm. These attributes are just a few examples of what continues to set us apart as a small business delivering big results.*

## Generous Benefits



### Flexible work arrangements.

We accommodate the non-traditional. Have a non-routine schedule? Want a part-time professional position? Need a personal leave of absence? Or want to work from home or a office/home hybrid? Talk to us - we can try to make that work.



### Ample time-off.

We give 160 hours of PTO to staff with under 10 years of experience and 200 hours of PTO to those over. In addition, we'll give you an extra 8 hours for every 5 years with our company



### Paid premium overtime.

The first 80 hours of overtime goes into a comp time bank which you can use as additional paid time off. If you work more overtime than that, we pay 1.5x your hourly pay rate. Not just for entry-level positions, but for most professional positions.



### A bonus that rewards your efforts.

We want people who will work hard with a “can-do” attitude and give our clients top notch service, and we expect to reward you for that effort! We distribute approximately half (yes, half!) of our post-tax profits in our bonus program.



### Robust benefits package.

A fully paid health insurance premium combined with an HRA for your annual deductible pays 100% of your routine and minor healthcare costs. Plus, life, AD&D, short term and long term disability – with all insurance effective on day 1 of your employment. A 401k that doesn't require a match – you'll get 3% AND the freedom to invest your money how you want.

## CURRENT OPENINGS

Structural (Bridge) Engineer  
Mid-Level Transportation Engineer  
Senior Transportation Engineer  
Mid-Level Water Resources Engineer  
Senior Water Resources Engineer

**Apply Today**  
[prairieengineers.com](http://prairieengineers.com)





## Come join our Water Resources Department as a Civil Designer!

We are looking for a talented and experienced Civil CAD Operating professional to join our Water Resources team in St. Louis. This position could also be located in St. Charles or one of our Southern Illinois offices.

*Lochmueller Group is a Midwest regional consulting firm with an emphasis on planning and designing state and local infrastructure improvements. Some may view these as highways, bridges, trails, drinking water, storm water, or wastewater facilities, but at Lochmueller, we see these as our clients' dreams for their communities. Through the projects we are privileged to work on, we partner with our clients to reinvent their future.*

**Our Water Resources Department is involved in a wide variety of projects for states, municipalities, utilities, regional sewer districts and various private entities. In addition, this candidate may support and coordinate with our other business units to assist with various infrastructure, industrial, and site development projects.**

Our St. Louis office is comprised of a dynamic group of talented professionals spanning multiple disciplines. We are a growing firm that holds tightly to our culture of valuing each person as an individual and providing a path for you to grow in your career.

### **In this position, the candidate will:**

- Produce drawings in AutoCAD Civil 3D and MicroStation for projects pertaining to design, plans, and specifications for Water Resources projects that include water, wastewater, and stormwater. There may also be some overlap or backup with Transportation department projects.
- Prepare GIS exhibits for design and planning studies.
- Perform quantity computations and checks.
- Read and interpret schematic and construction plans.
- Understand and work with surveying data provided by survey department.
- Apply basic engineering standards to plan development and layout.
- Ensure project designs are in conformance with the latest design specifications and various Federal, State, and Local rules and regulations.
- Completes tasks assigned by the Project Engineer/Manager within allocated budget and schedule and proactively communicate status of task assignments.
- Perform related work as required.

### **What we offer:**

- Employee Stock Ownership Plan (ESOP) – Become an employee-owner!
- Availability of flexible work hours and part-time telecommuting
- Rich coverage for major medical insurance
- 401(k) plan with company match
- Basic life insurance (with option for additional voluntary life insurance)
- Short-Term and Long-Term disability insurance
- Generous vacation and sick leave
- Student loan repayment benefit

## **We also have opportunities available in: Traffic Engineering & Planning, Bridge Design, and Roadway Design!**

Check us out at [www.lochgroup.com](http://www.lochgroup.com) or submit your resume to [aburress@lochgroup.com](mailto:aburress@lochgroup.com) or [jkonrath@lochgroup.com](mailto:jkonrath@lochgroup.com)

**CARDIA:** Means “from the heart” and it is what our values and culture represent here at Lochmueller Group. Creativity; Accountability; Respect; Dedication; Integrity; Achievement – that is what sets us apart from the others!

411 North 10th Street, Suite 200  
St. Louis, Missouri 63101  
PHONE: 314.621.3395

## Structural Engineer position at Special Inspections and Design

### **DESCRIPTION**

We are seeking an experienced Structural Engineer (5+ years experience) for an opportunity to work on a wide variety of projects. The position will be based out of our Collinsville, IL office. You will be responsible for analysis and design of structural systems and components using structural steel, concrete, masonry, wood, and light gage steel. Your duties will include preparation of construction and repair drawings, demolition plans, visual structural inspections, report preparation, and construction review.

### **QUALIFICATIONS**

Qualified candidates must have:

- BS in Civil Engineering (MS is a plus).
- PE license (SE is a plus).
- Minimum 5 years experience.
- Working knowledge of structural engineering software (RISA is ideal).
- Working knowledge of IBC and other national standard codes.
- AutoCAD proficiency is a plus.
- Good written and oral communication skills.

### **TO APPLY**

Please send resume and any questions to Ashlee Peno at [ashleepeno@SIDengineers.com](mailto:ashleepeno@SIDengineers.com)

For more information about our company please visit [www.SIDengineers.com](http://www.SIDengineers.com)

# CIVIL DESIGN, INC.

## WHO WE ARE

At CDI, we strive to help our clients create quality infrastructure while also contributing positively to our communities. 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, CDI has grown to over 80 team members with 35 engineers and six services, including **Infrastructure + Analytics, Site, Structures, Survey, Transportation, and Water Resources**.

## JOIN OUR TEAM!

### Water Resources Leader

Effingham, IL | Louisville, KY | St. Louis, MO

### Experienced Structural Engineer

St. Louis, MO | Louisville, KY

### Site Project Engineer (Mid-Level)

Louisville, KY

### Programming Engineer

St. Louis, MO

### Professional Land Surveyor

Louisville, KY

### Senior Water Resources Project Engineer

St. Louis, MO

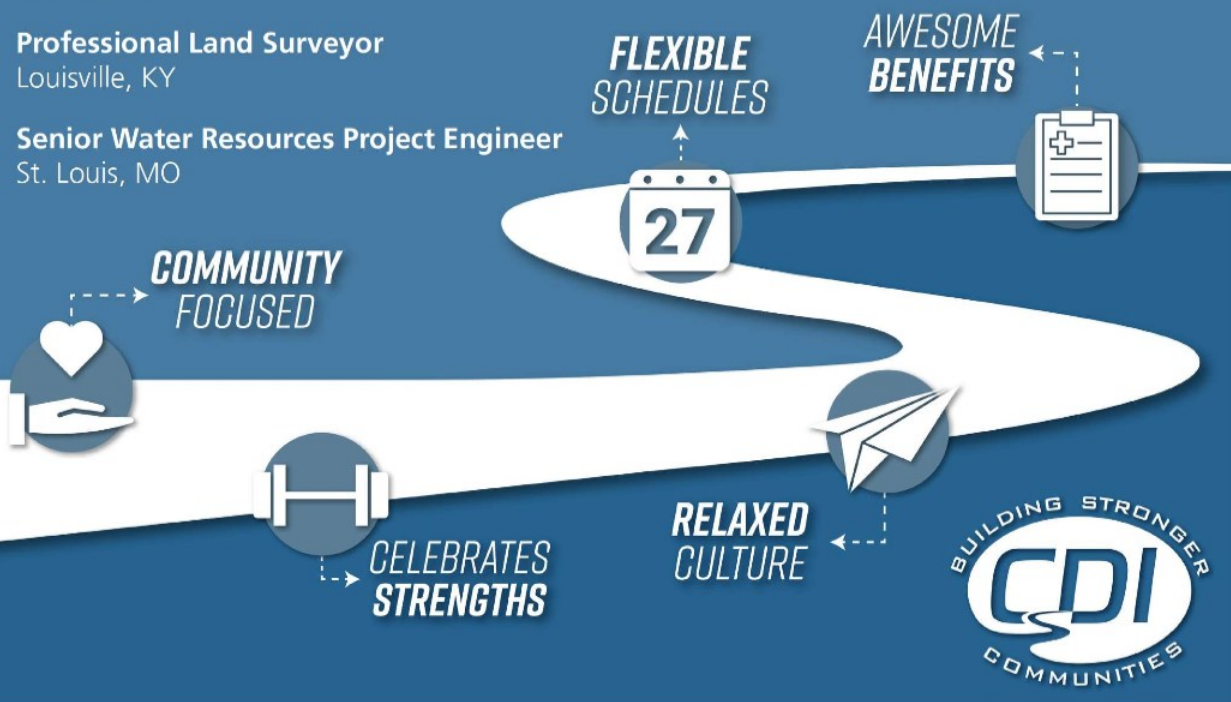
## OUR VALUES

PERSONAL OWNERSHIP

MUTUAL TRUST & RESPECT

CONTINUOUS LEARNING & GROWTH

RESPONSIVENESS



LEARN MORE OR APPLY AT [WWW.CIVILDESIGNING.COM](http://WWW.CIVILDESIGNING.COM)



# WE'RE HIRING

## DESCRIPTION

The right candidate is a degreed engineer with experience with industrial and/or bridge projects. Duties will include preparation of design drawings, specifications, and reports, as well as generating studies and cost estimates. Successful candidates should have experience designing industrial and/or bridge structures using applicable codes (IBC, AASHTO, ASCE-7), as well as material design codes (AISC, ACI concrete, ACI masonry, etc.). Proficiency using finite element software (STAAD, RISA), CAD, and spreadsheets is required. Individual shall be self-motivated, able to manage time effectively, and able to stay within defined project budgets and work scopes. Good people skills are necessary to work collaboratively as part of a design team and to communicate with clients, other project personnel, and management.

This individual should also be able to work independently and collaboratively. Good people skills and willingness to travel (on occasion) are a must.

## REQUIREMENTS

- B.S. Degree with Emphasis in Structural Engineering
- Licensed Professional Engineer or Ability to Become Licensed
- 3-10 Years of Relevant Experience

## CULTURE

- Fun, Collaborative Work Environment
- Challenging & Fulfilling Projects Across Multiple Markets
- Professional Development & Networking Opportunities
- Tuition Reimbursement

## HOW TO APPLY

Please visit <http://www.cdgengineers.com/careers/> or email your resume to [careers@cdgengineers.com](mailto:careers@cdgengineers.com).

*CDG Engineers, Inc. is an Equal Opportunity Employer and does not discriminate on the basis of race, religion, color, national origin, age, sex, gender, disability, genetic information, or any other characteristic protected by law.*

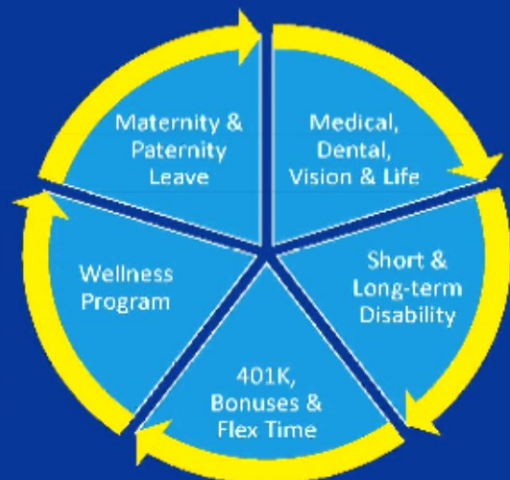
## STRUCTURAL ENGINEER



**CDG's greatest strength is our culture of commitment to the brightest people**

CDG is looking for a degreed structural engineer to join our St. Louis, MO office. CDG is a multi-discipline consulting engineering firm headquartered in St. Louis. The firm has approximately 80 personnel with capabilities in civil, structural, mechanical, electrical, and architectural disciplines primarily servicing the fields of infrastructure, power, mining, industrial, and agriculture. CDG is known for solving some of the most complex problems in challenging environments and our staff is expected to regularly engage in high level problem solving to enable our clients to be successful.

## BENEFITS





## **Civil Engineer/E.IT or P.E – Competitive – Wentzville, Missouri**

### **The Role**

Are you an innovative civil engineer with project management experience? If so, Cochran Engineering, one of the largest engineering firms in St. Louis, are looking for a Civil Engineer/E.IT or P.E.

The successful candidate will perform as a project manager, supervising the execution of work and ensuring that the firm maintains its high quality standards.

The key responsibilities of a Civil Engineer/E.IT or P.E include, but are not limited to:

- Performing engineering design.
- Preparing technical reports.
- Building and maintaining positive external relationships with clients, and internal relationships with colleagues.
- Providing direction, coordination, quality assurance, and quality control to engineering colleagues.
- Leading by example, operating with integrity and sound business principals.

### **The Company**

Cochran Engineering is an established, multi-location civil engineering and land surveying firm currently ranked among largest engineering Firms in the St. Louis area by the St. Louis Business Journal.

With 60 years' experience, we are dedicated to building long-lasting client relationships and have an outstanding reputation for superior customer service.

### **The Benefits**

- Simple IRA with 4% Company Match.
- Company paid medical, dental, vision, life and long term disability Insurance.
- Flexible benefits plan.
- Paid vacation/sick time and holidays.
- Professional development training.
- Competitive salary, commensurate with experience.
- Relocation package may be available for this position.

### **The Person**

The essential skills and qualities of a Civil Engineer/E.IT or P.E:

- E.I.T. or P.E. in the State of Missouri.
- 3 to 5+ years' experience in Civil Design.
- Bachelor's Degree – Civil Engineering.
- Proficiency with AutoCAD and Civil 3D.
- Project management skills.
- Areas of expertise may include but are not limited to: roadway, site design, commercial design, water and sewer, and/or residential development.
- Experience with design of hydraulics, hydrology, grading and overall site development is desired.

If you are interest in joining this forward-thinking company, please submit your resume to [msample@cochraneng.com](mailto:msample@cochraneng.com).





**Job Title: Roadway Engineer**

**Location:** Chesterfield, MO

EDSI has an immediate opening for a full time Roadway Engineer with 4-10 years of experience. The ideal candidate will have a strong interest in detailed design work as well as the ability to interact with clients and contractors. Responsibilities include a broad range of planning and design tasks such as roadway design, roadway rehabilitation, ADA compliant designs, bike and pedestrian trail design, traffic signal design, geometric layout, drainage/hydraulics and quantity development. The position requires competent skills to complete feasibility reports and prepare conceptual, preliminary and construction plans and bid documents for a variety of public and private clients.

Requirements include a B.S. in Civil Engineering from an ABET-Accredited University, Professional Engineer License or plan to obtain a P.E. License, proficiency in AutoCAD Civil 3D and GeoPak, an understanding of construction and bid documents including project specifications and strong technical writing, analytical and communication skills.

**Job Title: Engineering CAD Technician**

**Location:** Chesterfield, MO

EDSI has an immediate opening for a full time Civil Engineering CAD Technician. The ideal candidate should have 3-5 years of experience in design drafting of transportation related projects. Responsibilities include assisting both project managers and engineers with the design and layout of engineering drawings, development of engineering details, preparation of conceptual layouts for highway, roadway and street projects including drainage design, intersection layouts and utility location.

Job Requirements:

- Proficient in AutoCAD, and/or MicroStation design and drafting software
- Work independently, plus the ability to coordinate effectively with multi-disciplined project teams
- Ability to read construction and engineering documents
- Possess workload management skills to meet deadlines
- Detail-oriented

**Job Title: Structural/Bridge Engineer**

**Location:** Chicagoland

Engineering Design Source, Inc. (EDSI) is a vibrant Civil Engineering and Surveying Firm. We are currently expanding our Bridge Department and are looking for a Structural/Bridge Engineer to join our team in Chicagoland. The qualified applicant will have a minimum of 4 years of structural design experience and be a registered PE. Licensure as an SE is beneficial. The main focus of the applicant's experience should be bridge design. The ideal applicant will have experience successfully completing State Department of Transportation projects. The applicant shall be proficient in the completion of structural calculations and preparation of plans and specifications from the preliminary design phase through final PS&E documents. Strong communications skills and technical writing abilities are required. Computer capabilities for structural design and drafting are required. The ability to successfully collaborate and work as an integral member of a professional design team are required.

Requirements of Position:

- Location: St. Louis, MO (Remote work or in office)
- Licensing: PE (minimum), SE (beneficial)
- Experience: 4 years (minimum)
- Education: BSCE (accredited, minimum)
- Computer Program Proficiency (minimum): LEAP Bridge Concrete CONNECT, LPILE, Excel, MicroStation V8i, Word, PowerPoint

Please send resume to: [Hiring@engdesignsource.com](mailto:Hiring@engdesignsource.com) <http://engdesignsource.net/>



## **JOB OPENINGS**

Horner & Shifrin, Inc. is currently looking for candidates to fill the positions of:

**CAAD Technician (Structural Bridge)**

Associate in Applied Science degree in Drafting Technology, St. Louis

**Project Manager (Water/Wastewater)**

7+ years' experience in drinking water, wastewater and/or storm water design

**Electrical Engineer**

5+ years' experience, knowledge of the National Electrical Code, St. Louis

**Project Manager (Structural Building)**

10+ years' experience, LPE, proficient in AutoCAD, Revit Structure & Ram Structural System

**Project Manager (Transportation)**

10+ years' experience, knowledge of GEOPAK SS4 or Civil 3D, Poplar Bluff, MO Northwest Arkansas

**Project Manager (Transportation)**

10+ years' experience, knowledge of GEOPAK SS4 or Civil 3D, Poplar Bluff, MO

**Engineer (Transportation)**

Entry-level, EIT certificate preferred St. Louis

**GIS Analyst**

5+ years' experience, BS in Geography Computer Science or related field, St. Louis

**Project Engineer (Transportation)**

5+ years' experience, proficient in MicroStation and Geopak SS4, Chicago or St. Louis

Please visit our website at [www. https://www.hornersshifrin.com/careers/](https://www.hornersshifrin.com/careers/)

## Submit items to the newsletter...

Please send all announcements for placement in the newsletter to the Newsletter Editor by the **20<sup>th</sup> of the month prior to the month of publication**. Items may be sent via e-mail to Brent Vaughn (ASCE newsletter editor) at [brent.vaughn.asce@gmail.com](mailto:brent.vaughn.asce@gmail.com).

**MS Word files are the preferred file type**, especially where there are multiple hyperlinks and the formatting and graphics are relatively simple. Floating text boxes, floating images and embedded tables frequently cause formatting problems, so please avoid those. PDFs are welcome to show the desired end result and can be more useful where the doc contains lots of graphics content and just one hyperlink, but text and image sharpness may degrade since we will likely need to insert the doc as an image. (I may be able to insert the PDF, but the formatting typically does not convert well.) I will be delighted to work with you to get the best end-product for the newsletter.

For multiple page announcements, please provide a single-page flyer, concisely worded, with links provided to ancillary pages such as registration forms or other attachments. Also, please clearly include in the email subject line a concise title for the announcement and desired month(s) of publication.

Most news items will be available on the Section's Web Page, which can be reached via the link on ASCE National Website ([www.asce.org](http://www.asce.org)). Click on "Geographical and International Units" to link to the Section or go directly to our page at: <http://sections.asce.org/st-louis/>. The Section's Website Editor is Jeff Smith e-mail: [JESmith@HNTB.com](mailto:JESmith@HNTB.com) or via feedback directly from our website.

For more information and updates see our Web Page: <http://sections.asce.org/st-louis/>

This newsletter will be sent to all Section members via e-mail. Delivery of the newsletter hardcopy by First Class mail will be made upon request. Members have the responsibility to keep their contact information in the ASCE national database up to date. Please note that the St. Louis Section is only provided with members' PRIMARY information on file at the Society level. To ensure that we can contact you, please edit your PRIMARY information to contain the information where you would like the section to contact you and how you would like your information to appear in our annual roster.

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**ASCE – St. Louis Section**  
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