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Upcoming Events

December

- 7 YMG December Meeting
- 10 GeoInstitute Meeting
- 13 St. Louis Section Holiday Social
- 15 YMG Winter Social
- 16 EWRI December 2021 Speaker Series

Follow the Section and share with your network.



Update your bookmarks with our new Section website

<http://sections.asce.org/st-louis/>



**2021 ASCE St. Louis Section Holiday Social
Monday, December 13, 2021**

Join us for the ASCE St. Louis Section Holiday Social on Monday, December 13, 2021!

Members and a guest are cordially invited to our [2021 Holiday Social](#) to enjoy the [Anheuser-Busch St. Louis Brewery Indoor Biergarten](#)! Please join us to for a great night of fellowship, food, and spirits.

Please view the Anheuser-Busch [Covid-19 Statement](#) prior to attendance.

RSVP's are due by 12:00 pm on **Monday, December 6, 2021**, online at link shown below.

[RSVP Now!](#)

Time: Event from 6:00 PM to 8:00 PM with cash bar (two drink tickets provided with cash bar thereafter until 7:45 pm). Appetizers from 6:30 pm to 7:30 pm.

Cost: Free

Parking: Self parking - Free. Guest parking lots are available at the northeast and southeast quadrants of Lynch St. and 12th St. intersection.

Officers & Directors 2021 - 2022

President

John Weiland
Wade Trim
jweiland@wadetrim.com

President-Elect

Alison Graves
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Director of Technical Development

vacant

Director of Administration

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Director of Professional Development

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President's Message



I hope you had an enjoyable Thanksgiving. As we enter December and prepare to close the books on 2021, there is much to be thankful for despite the challenges presented to us over the last year, and there is much to look forward to in 2022.

Hopefully you have had an opportunity to participate virtually or in person in our monthly luncheon seminars over the last few months. One event that we're excited to welcome back is the Holiday Social event, which will again be held at the Anheuser-Busch Biergarten on Monday December 13 from 6-8 PM. We look forward to enjoying each other's company as we celebrate

the Holiday season together. Remember to please **RSVP** no later than December 6, and also please view the Anheuser-Busch **Covid-19 Statement** prior to attendance. The event is free for members and a guest. We look forward to seeing you there!

We celebrate the recent passage of the \$1.2 Trillion bipartisan infrastructure funding bill, signed into law by President Biden on November 15, 2021. Included in the bill is \$110 Billion for roads, bridges, and major infrastructure projects; \$40 Billion for bridge repair, replacement, and rehabilitation; \$11 Billion for transportation safety; \$39 Billion for modernizing public transit; \$66 Billion for passenger and freight rail; \$65 Billion for broadband investment; \$17 Billion for ports; \$25 Billion for airports; \$1 Billion for reconnecting communities; \$7.5 for electric vehicle investment; \$65 for improving the electric grid; \$55 Billion for water infrastructure; \$50 Billion for improving the resiliency of infrastructure; \$21 for Superfund and brownfield site remediations; and other investments. Something for everyone. This is a major milestone that ASCE has been advocating for for years, through publication of ASCE's Report Cards for America's Infrastructure, to testifying before Congress, to many other public advocacies. Members of our Section have advocated for infrastructure investment through the Legislative Fly-In events to Washington, DC, as well as Legislative Drive-Ins to our state legislatures. To recognize ASCE's part in advocating for American's infrastructure, our President Dr. Dennis Truax was present at the bill signing. What a great moment for our industry. As we look forward, we and the generations to come will be the ones to implement these improvements and to continue to plan to the future to best serve our society.

By now, you should have received email reminders to renew your ASCE membership for 2022. Please renew by January 31, 2021, at www.asce.org/renew to maintain your membership status. In case you haven't heard lately, there are many benefits of being an ASCE member, including the following:

- Free subscription to *Civil Engineering* magazine
- Discounted conference registrations
- Several third-party discounts
- 10 Free PDHs per year
- Use of our Salary Report calculator and other tools

Technical content through Access Engineering, ASCE institutes, and discounts on continuing education and publications

Networking opportunities virtually and in-person

I would like to wish everyone a joyous holiday season this year and a safe and prosperous New Year!

-John

Open Committee Positions

Communications Co-Chair - The Committee's primary goal is to communicate to all local members news of past, present, and future activities and programs for the purpose of stimulating greater interest and participation in section affairs. The Co-Chair is expected to work closely with the president and chairmen of other committees to obtain information of vital interest to the membership. Correct and timely information should be obtained from the program committee regarding forthcoming meetings. Valuable news will also be found in the Section Leader, a regular publication issued from ASCE headquarters. An informal but regular system of contacts or reporters is an essential ingredient to the collection of interesting news.

Younger Member Group Update

Thank you to all who attended our November Meeting at the new Rockwell Beer Garden!

December Meeting – *We're hosting a social at the Missouri Botanical Gardens! Registration costs \$10 and includes your ticket to the Garden Glow as well as a drink. We'll meet as a group at 7:00 pm, grab a drink, and then everyone is welcome to explore the gardens at their leisure. Feel free to bring a plus one and enjoy the holiday season with other Younger Members.*

Date: December 7, 2021

Location: Missouri Botanical Gardens

Time: 7:00-9:00 pm

Cost: \$10.00 (Includes ticket and a drink)

Registration is required! Please register via the link below:

<https://events.r20.constantcontact.com/register/eventReg?oeidk=a07eiu6ktlw7cafc48a&oseq=&c=&ch=>

Contact Michelle Bresnahan, YMG Chair, at MBresnahan@lochgroup.com if you would like to be added to the email list or if you have any questions or comments regarding the YMG Update.



EWRI St. Louis News

EWRI ST. LOUIS MONTHLY SPEAKER SERIES EVENT

The St. Louis Section of EWRI is pleased to announce our monthly webinar **on Thursday, December 16, 2021 from 11:30 am-12:30 pm Central Time.**

This presentation will be broadcast live over a webinar. Registration is free to ASCE members. **Advance registration is required by noon, Monday, December 13, 2021.** Please register online at the following link:

[EWRI December 2021 Speaker Series Presentation](#)

Registrants will receive detailed login and dial-in information prior to the event.

ShowMeFloodRisk – A Modern Approach to Hosting and Sharing Flood Risk Data

We are developing an intuitive web portal designed around hosting, viewing, and sharing digital products to the public. The SEMA web portal, ShowMeFloodRisk, is designed with ArcGIS Online technology along with new capabilities that make hosting and sharing raster data online faster and simpler than ever before. In the first phase of development, the portal currently allows viewing the 1% and 0.2% annual chance Water Surface Elevation and Depth Grids, LiDAR derived bare earth elevation models, and non-raster products such as changes since last FIRM, building footprints, etc. for various counties around the State. As the FEMA RiskMAP program continues to progress across Missouri, Counties will continue to be loaded to the site, along with remaining flood events and non-regulatory raster data sets. This presentation will focus on progress to date, lessons learned, and plans for analytical functions and additional capabilities in Phase 2 of development.

SPEAKER

Darryl Rockfield

Darryl Rockfield Jr. is currently the Mapping and Engineering Section Manager for the Missouri State Emergency Management Agency. 2016 Graduate from University of Missouri-Columbia with a Bachelor of Science in Civil Engineering. Darryl has worked for SEMA since graduation where he manages the CTP mapping program for the State of Missouri. Born in St. Louis, he enjoys the occasional camping and hiking trips throughout the country.

Thank you to our joint seminar sponsor, **EDM Incorporated!**

Please contact **Rohan Benjankar, PhD** (rbenjan@siue.edu) with any questions, if you are interested in presenting, or have an idea for a topic.



Dear EWRI St. Louis members

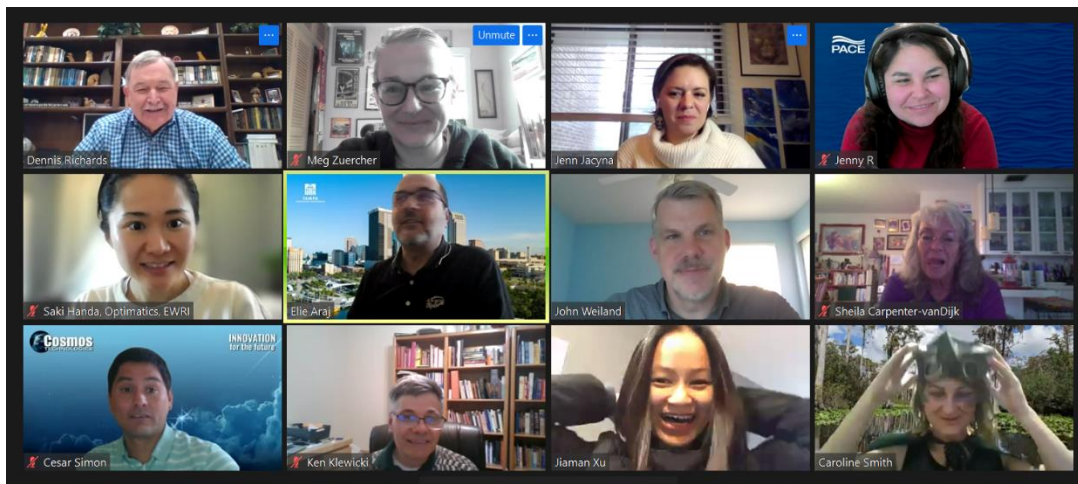
EWRI St. Louis Chapter Meeting, Virtual on January 11, 2022

You are invited to attend our meeting on Tuesday January 11th, tentatively from 11:30am-1pm. A decision on whether to conduct the meeting virtually or in person will be made closer to the meeting. Register ahead of time using this link: <https://docs.google.com/forms/d/1-IEScHI5UDS0sEe8mKljFw6S9ZA99dkZ4DNu9iKGTW0/edit#responses>. You don't need to register ahead of time to attend, but it will help us make sure you get the needed communications.

The meeting will provide Chapter's status report and discussions of chapter activities including financial update. Please email questions or proposed agenda items to Chapter chair Meg Zuercher, at meg.zuercher@Jacobs.com.

Chapter News:

EWRI held their annual Leadership & Council Weekend on October 29th -30th. The St. Louis chapter was well-represented! Meg Zuercher and Jiaman Xu joined to represent the St. Louis Chapter, while Jim Zhou joined representing his work on the national level with the advisory boards. John Weiland also joined and provided valuable insight into how the St. Louis chapter functions and what are goals are.



Meg, John and Jiaman contributed to the Local Activities Council breakout session. Here's to meeting in person in the future!

Getting Involved with EWRI Chapter

You are invited to get involved with various activities of our Chapter such as helping to organize the webinar series and symposium/workshop, offering your ideas how our Chapter can better serve our members and the professional community. Please contact Chapter chair Meg Zuercher, at meg.zuercher@Jacobs.com for conversation.

Professional Development Activities: in addition to webinars, the EWRI Chapter continues to offer annual symposium/workshop. The next event is planned for Spring 2022. We want to hear your inputs. Please contact Azadeh Bloorchian, at azadeh.bloorchian@stantec.com with suggestions.

You can learn more about Chapter's activities at LinkedIn page https://www.linkedin.com/company/environmental-and-water-resources-institute-st-louis-chapter?trk=similar-pages_result-card_full-click

GeoInstitute Chapter Updates

Next meeting: December 10, 2021 at 7:30 AM via Microsoft Teams. Contact Travis Kassebaum (Travis.Kassebaum@terracon.com) for the meeting invite if you wish to attend virtually.

Be on the lookout for the call for abstracts for the Case Histories event coming in spring of 2022.

We are discussing potential speaker options for the March Luncheon.

The committee is considering providing a webinar sometime this winter. The winter webinar is TBD, depending on the outcome of this month's meeting.

First Annual Shamsheer Prakash Geotechnical Scholarship awarded

The first annual **Shamsheer Prakash Geotechnical Scholarship** was awarded at the 2021 Structural and Geoconfluence to **Gabrielle Kowalik** from Saint Louis University. Students pursuing a bachelor's degree with an emphasis in Geotechnical or Geological Engineering and are enrolled at one of the universities within the ASCE St. Louis Section are eligible. The intent of the scholarship is to provide financial assistance for geotechnical studies towards a bachelor's degree. The scholarship awardee would be selected annually based on their enthusiasm for geotechnical engineering studies, their appreciation of the importance that field experience plays in the professional growth of an engineer, and their academic record.

The Shamsheer Prakash Geotechnical Scholarship fund was established in early 2021 with a donation by the Prakash Family to the American Society of Civil Engineers (ASCE) St. Louis Section. The scholarship is currently administered by a subcommittee within the ASCE St. Louis Geo-Institute Chapter. The 2021 scholarship fund will provide an award total of \$1,000.



Shamsheer Prakash Geotechnical Scholarship winner Gabrielle Kowalik receives award from Travis Kassebaum (left) and Lyle Simonton (right).

MSPS Call for Nominations Sought for Awards

Please consider nominating a fellow member, colleague, customer or company for one or more of the St. Louis Chapter's Awards this year. The awards will be presented at the annual Engineers Week Awards Banquet. Deadline for submitting nominees and applications is the **December 17th, 2021**. Nominations should include resume, biographical sketch or completed application form.

A full list of past award winners, award descriptions and specific qualifications is available on the website <http://mspe.org/content.php?page=St. Louis Chapter> under *St. Louis Chapter History*.

Questions or nominations should be directed to Awards Committee Chair, Bently Green, at greenb2@bv.com

Engineer of the Year

- PE in Missouri
- Membership in MSPE/NSPE *is not* required

Young Engineer of the Year

- Age 34 or younger as of January 1, 2020
- Membership in MSPE and NSPE *is* required

Outstanding PE In Government

- PE in Missouri
- Membership in MSPE/NSPE *is not* required

Outstanding PE Private Practice

- PE in Missouri
- Membership in MSPE/NSPE *is not* required

Outstanding PE in Construction

- PE in Missouri
- Membership in MSPE/NSPE *is not* required

Outstanding PE in Industry

- PE in Missouri
- Membership in MSPE/NSPE *is not* required

Outstanding Professional Engineer in Education

- PE in Missouri
- Membership in MSPE/NSPE *is not* required

Qualifications-Based Selection (QBS)

- Company award

Private Practice Professional Development (PPPD)

- Company award

Employment Opportunities



ST. LOUIS CHAPTER MISSOURI SOCIETY OF PROFESSIONAL ENGINEERS

Instructor needed for the Roadway Class for the MSPE Civil PE Refresher Course!
This would be for one Saturday in February or March from 8 am to 12 pm, teaching materials are already prepared, and the position is paid. A PE license is required.
Contact Lisa Cheng for more information at Lisa.Cheng@hdrinc.com

Positions available at EDM

Accountant Position

A St. Louis design firm has an opening for a full-time accountant. Salary is commensurate with experience.

Some of the Responsibilities include:

Providing financial and project reports for management, Maintaining all corporate financial records, Maintaining project management system including cost accounting and progress reporting, Maintaining personnel records and payroll, Preparing invoices, Supervising account receivables collections.

Accountant Qualifications:

Self-starter capable of working independently.
Experience with all aspects of Architectural/Engineering firm accounting
Good communication skills – internal and external
Skilled in using MS Excel, MS Word and Deltek Vision accounting software.

Education, Experience, and Licensing Requirements:

Bachelor's or master's degree in accounting or finance
Minimum 5 years' experience in accounting/finance

Must be a U.S. citizen or lawfully authorized alien worker.

Marketer Position

A St. Louis design firm has an opening for a full-time Marketer. Salary is commensurate with experience.

List of some of the Responsibilities

Responsible for the preparation, design and coordination of RFQ/RFP responses.
Participate in RFQ strategy planning, including screening RFQ for unusual or challenging requirements.
Create, organize and update all marketing/business development materials, including overviews, project description pages, staff resumes, advertisements, social media releases/posts, and project award applications.
Accountable for final quality check/proofreading of grammar and compliance for all responses and marketing material.

Qualifications

Associate's or Bachelor's degree in Communication, Marketing, Journalism or related field.
Software experience with InDesign, Photoshop, and MS Office Suite, especially Excel, Word and PowerPoint.
Possess strong verbal, written and graphic communication skills.
Experience with SF330 forms is a plus. A similar position with a firm in a related field (architecture/engineering/construction/real estate) is desired, but if not, willing to learn all facets of AEC marketing.

The firm is an employee-owned equal opportunity employer. For immediate consideration, email your resume to Gholam Masoumy, President, EDM, at Gholam.masoumy@edm-inc.com.

At DMA, we engineer the foundations of communities. Our business is to create and preserve the Nation's infrastructure. We design and assess highways and bridges, buildings, sewers and tunnels, and electric and gas networks used by millions of Americans every day. We work on iconic projects – international airports, national monuments, universities, hospitals and medical campuses, sports stadiums, and so much more.

Our family-first and hard-working culture stretches far beyond the name of Mason. We believe everyone works together, an "all oars in the water" approach to help everyone succeed. Our team members are like extended family and we collaborate to serve our customers with integrity.

We are energized by the challenge and inspired by our people.

CURRENT OPENINGS (St. Louis Office)

Benefits package includes health, dental, life, long-term disability, and long-term care insurances, 401k, holidays, PTO and every other Friday OFF.

STRUCTURAL PROJECT MANAGER - Minimum 10 years of experience; Licensed PE or SE; Bentley RAM Modules, RISA 3-D and L-Pile. Knowledge with using AutoCAD and REVIT is a plus.

STAFF STRUCTURAL ENGINEER - Minimum 5-8 years of experience; RISA, RAM, L-Pile, AutoCad software is required. REVIT experience is a plus.

CIVIL STAFF ENGINEER - Minimum 2 years of experience; AutoCAD-Civil3D and exposure to engineering modeling software such as HEC-HMS, HEC-RAS, preferred; requires an Engineering Intern (EI) Certification with intentions of pursuing and obtaining a Professional Engineering (PE) License.

CIVIL ENGINEERING CAD DESIGNER - Minimum 5-8 years of experience; AutoCAD / with a focus on civil engineering design. Experience should include site layout, grading, drainage and utility design projects. Civil 3D experience preferred. A working knowledge of Microstation is a plus.

DRAFTER/DESIGNER – ELECTRICAL UTILITY - Minimum 5-10 years of experience; knowledge of Bluebeam and a proficiency for Bentley MicroStation, AutoCAD, and/or comparable applications; working knowledge in utility, transmission, and power distribution applications, associated with the design modification of schematic, wiring and interconnect diagrams.

For all career opportunities at DMA, and to apply, visit: davidmason.com/careers

 Health	 Dental	 Life	 Long-Term Disability	 Long-Term Care	 401(k) Option
 Great Culture + Team	 Professional Growth Opportunities	 Family Environment	 Every Other Friday Off	 Equal Opportunity Employer	

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Lochmueller Group has great opportunities for Structural Design or Bridge Engineers to join our team!

This is an excellent opportunity to join a growing firm and immediately put your design skills to work on a variety of projects, including highways and bridges for various local public agencies and state DOT's, miscellaneous structural design elements to support other business units, and design-build pursuits.

Candidates must have a Bachelor's degree in Civil or Structural Engineering and be registered as a Professional Engineer; Structural Engineer registration is a plus. **Project Engineer candidates will also have a minimum of 5 years of experience in bridge and structural design.** The position responsibilities include:

- Develop calculations as necessary for structural engineering components on projects.
- Assist CAD technicians to develop structural plans and develop construction specifications for state and municipal transportation projects.
- Perform structural design and develop details as related to roadway bridges, various types of retaining walls, culverts, miscellaneous reinforced/prestressed concrete and structural steel design.
- Act as part of a team of professionals headed by a Project Manager. Candidates must be able to work independently or as part of a larger design team and interact well with the manager and other members on various aspects of the project.
- Prepare cost estimates, calculate quantities, and assist in writing technical engineering and design reports.
- Utilize various structural design and rating software, spreadsheets, and drawing packages (Microstation or AutoCAD) to design and analyze structural components.
- Visit job sites as needed to support projects.
- Perform other duties as assigned.

Experience with Missouri and Illinois DOT projects and/or local agency projects is preferred, as is an understanding of the policies and procedures of these agencies. Proficiency with Microsoft Office products including Excel, Word, and PowerPoint required. Previous experience utilizing seismic analysis and design is also preferred.

Project Manager or Team Leader candidates should have a minimum of 10 years of experience including five or more years managing project budgets and financial performance; work assignments for the team; project schedules; and client communications and management. In addition, experience with project pursuits and procurement is strongly desired, including team building; cost estimating; scope development; and proposal writing or presentation.

We also accommodate work-from-home hybrids (depending on experience and assignment specifics), though periodic engagement with various team members is required.

Benefits: Lochmueller Group is now an Employee-Owned Company, and we would be excited to have you to join our talented group of employee-owners! In addition to our ESOP, we provide a 401(k) plan, rich coverage for major medical insurance, basic life insurance, short-term and long-term disability insurance, generous vacation and sick leave, Student Loan Repayment benefit, and several others.

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!

Check us out at www.lochgroup.com or submit your resume to: jkelly@lochgroup.com.

Geotechnical/Tunnel Engineer at WSP

WSP is currently initiating a search for a full-time Geotechnical/Tunnel Engineer for our St. Louis, Missouri office. Be involved in projects with our our Geotechnical and Tunneling Technical Excellence Center and be a part of a growing organization that meets our client's objectives and solves their challenges.

At WSP, we are driven by inspiring the right people to be part of our future-focused business objectives. Our devotion to teamwork has allowed us to build communities, expand our skylines and tunnel beneath the earth. Here at WSP, anything is within our reach and yours as a WSP employee. Come join us and help shape the future!

The successful candidate will be involved infrastructure projects in the Central region as well as projects across US. The position requires an effective team player who can work cooperatively to provide engineering services to its clients on design and construction projects.

<https://phe.taleo.net/phe01/ats/careers/v2/viewRequisition?org=V8D6AK&cws=37&rid=1868>

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

For more information about our company please visit 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

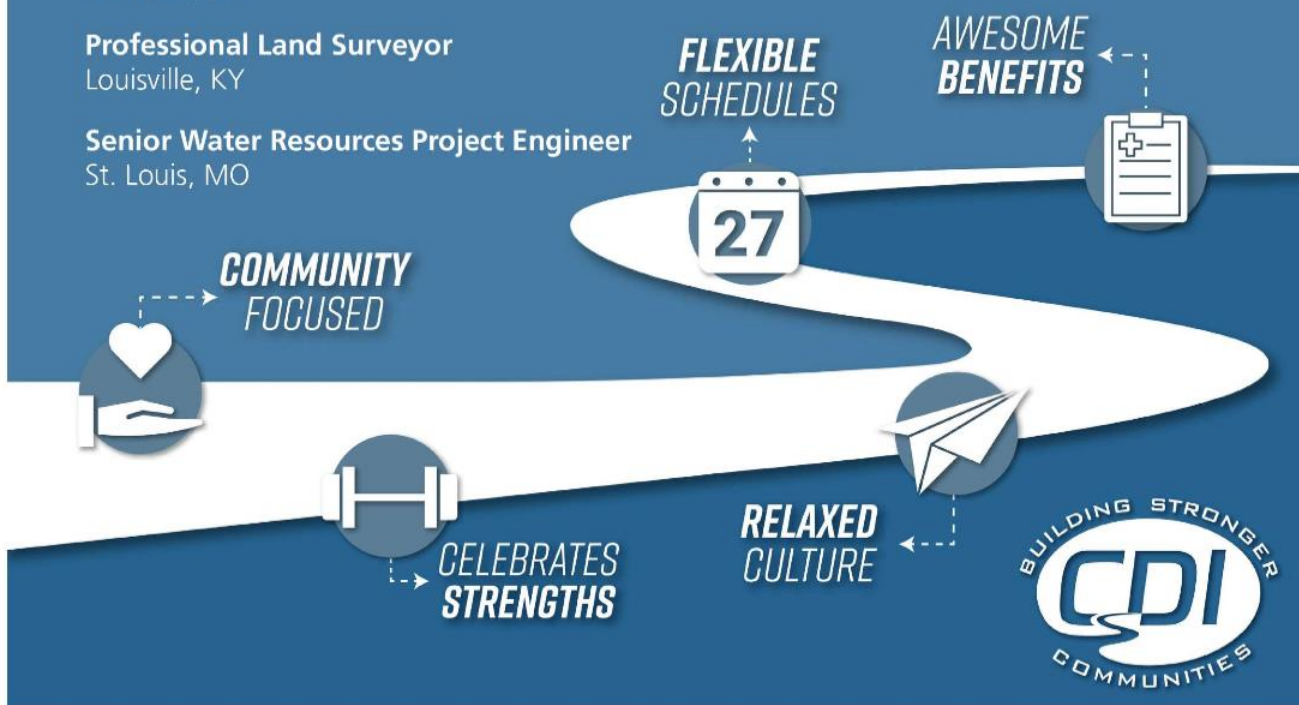
Programming Engineer
St. Louis, MO

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



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.



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: Hydraulic/Water Resources Engineer

Location: Chesterfield, MO

EDSI has an immediate opening for a full time Hydraulic/ Water Resources/Civil Engineer with 4 or more years of experience to support our Structures/Water Resources and Transportation Groups. The ideal candidate for this position will be expected to perform analysis and design related to bridge replacement projects, flood protection, hydraulic studies, and drainage studies. Experience with all H&H aspects of bridge replacement design for small and medium creeks and waterways is required. Roadway drainage design experience; MSD, MoDOT and IDOT experience; and the ability to support structural and/or roadway design is preferred.

Requirements include a B.S. in Civil Engineering from an ABET-Accredited University, proficiency in HECRAS, stormwater drainage system analysis, AutoCAD Civil 3D and/or MicroStation. A Professional Engineer License in the State of Missouri required with a P.E. License in Illinois as well is preferred.

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

Please send resume to: Hiring@engdesignsource.com <http://engdesignsource.net/>



Company Overview

Gonzalez Companies, LLC is a rapidly growing, fast-paced, professional services company specializing in civil engineering, construction management, and construction inspection. Gonzalez is a certified Minority Business Enterprise focused on providing professional services for power, water, sewer, stormwater, roadway, and site development projects. Our 20 plus years in business has been guided by providing our clients with the highest level of professional services. Our 100+ team members are committed to building stronger communities in the markets that we serve. We have offices in St. Louis, MO; Belleville, IL; O'Fallon, IL; Salem, IL; Chicago, IL; and Louisville, KY. Gonzalez has a strong family-oriented culture driven by the desire to achieve strong co-worker, client, and community relationships. Motivated by the principles of continuous learning and growth, our team members have a spirit of entrepreneurship, coupled with mutual trust and respect that results in a synergetic atmosphere providing employee, client, and company success.

Opportunities:

Civil Engineering

Materials Coordinator, Downers Grove IL
Regional Manager, Downers Grove IL
Resident Engineer, Downers Grove IL
Civil Design Engineer, Louisville, KY
Water/Wastewater Project Engineer, O'Fallon, IL
Project Engineer, Ottawa IL
Project Engineer, Downers Grove IL
Structural Project Engineer, Salem IL

Construction Management

Documentation Engineer, Downers Grove, IL
NACE Inspector level II, St. Louis MO

For more information and to apply for an open position above, please go to:

<https://www.gonzalezcos.com/careers>

****For all recruiting or position inquiries, please contact careers@gonzalezcos.com****



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

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Submit items to the newsletter...

Please try to get all announcements for placement in the newsletter to the Newsletter Editor by the 20th of the month prior to publication. Items may be sent via e-mail to Brent Vaughn (ASCE newsletter editor) at brent.vaughn.asce@gmail.com. **MS Word files are the preferred file type.** PDF files are also acceptable but may not look as sharp when inserted into the newsletter and hyperlinks will probably not carry through to the final version. For multiple page announcements, please consider providing 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). 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 or via feedback directly from our website.

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

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**ASCE – St. Louis Section
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