

Structural Designer – Job Description

About the Position:

Starling Madison Lofquist Inc. is a structural and forensic engineering firm located in Phoenix, Arizona who have been providing structural engineering services to the southwest United States for nearly 40 years. They provide design and consulting services for projects including commercial, industrial, and residential construction, as well as structural failure investigation and analysis. The continued and growing success of Starling Madison Lofquist Inc. is the result of a commitment to providing quality engineering services that exceed the expectations of their clients. If you're passionate about creating a meaningful impact to an already thriving team, they want to speak to you!

Looking for a detail oriented Structural Engineer to prepare structural calculations and details of structural elements for commercial, industrial and residential projects. Construction administration responsibilities include responding to RFI's, plan check comments and reviewing construction submittals for conformance to contract and design documents. The ideal candidate can work with minimal supervision, perform special inspections and other fieldwork as required. Projects involve multiple building material types including masonry, wood, concrete, steel, and CFS.

You Will:

- Consistently communicate and document your communication with clients working with project managers to provide timelines and updates.
- Provide excellent customer service to the company's internal and external customers.
- Design and engineer a variety of projects, including but not limited to residential remodel (masonry, concrete, steel, aluminum, and wood), and commercial/industrial structures.
- Support other project managers and engineers with their projects as needed.
- Present progress and status updates, integrating feedback from key stakeholders as needed.
- Communicate with clients, vendors, and other stakeholders to ensure that company quality of work is maintained.
- Conduct special structural inspections including concrete, masonry, structural steel, and various special cases, such as drilled piers and post-installed anchors.
- Learn and adhere to company policies and standards, using appropriate checklists to ensure quality and consistency.

You Are:

- Seeking to join a small and close-knit team dedicated to delivering high quality projects through collaboration, communication, and constant improvement.
- An assertive and driven professional who knows how to solve problems and move projects forward while overcoming obstacles.

- Someone who can manage their time to ensure your project is on time and on budget.
- A reliable communicator who proactively keeps the client (and other team consultants as needed) appropriately informed and updated of the project status.

What You Bring to the Team:

- Bachelor's degree in Civil, Mechanical, Structural Engineering or related engineering discipline.
- FE (EIT) Min. required, PE (SE Preferred) License as an active Professional Engineer (P.E.) in the state of Arizona or have an active NCEES record or be eligible to obtain within 6 months of employment.
- 2-6 years' experience in structural engineering, forensics analysis and/or field inspections.
- Have a valid driver's license with an acceptable driving record.
- Strong computer skills a plus including experience with AutoCAD, and structural analysis using Enercalc, Ram, MathCAD, Excel, and RISA 3D.
- Strong technical writing skills with experience using Microsoft Word in addition to general computer skills such as using Microsoft Calendar, Outlook, etc.
- Experience working on multiple projects while prioritizing effectively, managing competing expectations, and meeting deadlines.
- Impeccable attention to detail and delivery of high-quality, error-free, code-compliant work in a fast-paced environment.
- Strong sense of ownership and accountability.
- Excellent communication and interpersonal skills.
- Effective working independently with minimal supervision, while interacting well with others.
- Superior customer service skills, be team oriented and enjoy service-oriented work.

Physical Requirements:

This role requires some time spent outside the office gathering information from the field such as: photographs, measurements and performing condition assessments.

Approximately 0%-15% of the hours worked will be spent outside the office performing tasks in the greater Phoenix valley. Therefore, we believe the ideal candidate will on occasion be able to perform these physical tasks:

- Occasionally required to stand on one's feet for prolonged periods of time.
- Occasionally required to lift and/or move objects weighing up to 40 LBS.
- Occasionally required to climb onto first and second story roofs, ascend/descend ladders, stairs, scaffolding, ramps, etc.
- Occasionally required to balance, stoop, kneel, crouch or crawl.
- Occasionally required to reach with arms and hands.
- Occasionally required to use hands to finger, handle or feel.
- Occasionally required to drive a vehicle for extended periods of time.

What The Company Brings to You:

- An opportunity to play a significant role in the community designing new and retrofitting existing structures.
- Growth, development, learning, and advancement opportunities.
- A flexible environment where your voice, thoughts, and ideas are valued and heard.
- Licensing and continuing education opportunities paid for by SML.
- Professional development and external training.
- Excellent benefits (company-paid and voluntary): Health / Dental / Vision / 401(k) with 3% No Matching Requirement / Paid Time Off / Paid Life Insurance, long-term and short-term disability!
- 8.5 paid holidays
- 15 days of PTO/Sick Leave, 20 days after 5 years and 25 days after 10 years

Target Comp Range:

\$75,000 - \$90,000 base salary depending on experience and licensing.

About The Company:

Starling Madison Lofquist Inc. is a structural and forensic engineering firm located in Phoenix, Arizona. They have been providing structural engineering services to the southwest United States for nearly 40 years. As a widely diversified engineering firm of 10 licensed professional engineers (3 SE), 2 EIT's, and a very experienced design, drafting, and support staff they provide design and consulting services for projects including commercial, industrial, and residential construction and structural failure investigation and analysis. The continued and growing success of Starling Madison Lofquist Inc. is the result of a commitment to providing quality engineering services that exceed the expectations of their clients.

They believe in and encourage their team to bring their authentic selves to work to strengthen the company as a whole. They're dedicated to creating an inclusive workplace - one that values and promotes diversity and fosters an empowered workforce—allowing all employees to succeed in their jobs.

They are committed to equal employment opportunity and value the unique contributions that you can bring in terms of your education, opinions, culture, ethnicity, race, sex, gender identity and expression, nation of origin, age, languages spoken, veteran's status, color, religion, disability, sexual orientation, and beliefs.

Want to hear more?

If you're interested in applying for the position, we would love to get in touch with you! Send us an email or give us a phone call so we can talk more about this opportunity!

Please contact us using the information below:

Tyler Wiggins
t.wiggins@agavosgroup.com
(805) 794 - 2488