

SMITHGROUP

SmithGroup is an award-winning, multinational integrated design firm with a team of 1,300 experts across 15 offices in the U.S. and China. We employ research, data, advanced technologies and design thinking to help clients solve their greatest challenges. Our specialists—from artists and engineers, to nurses, workplace strategists and beyond—develop beautiful, sustainable, future-focused solutions for healthcare providers, science and technology organizations, higher education and cultural institutions, urban environments, diverse workplaces, mixed-use and waterfront developments, and parks and open spaces.

The Madison or Milwaukee office of SmithGroup is looking for a Senior Structural Engineer to join our team.

Working with us, you will:

- Provide leadership and help to build a structural engineering team.
- Perform structural analysis, design and documentation of buildings, site structures, architectural features, earth retention systems, sheet pile, and complex projects involving interdisciplinary project teams. Waterfront and marine structure experience is a plus.
- Develop structural designs for structures of various materials that experience multiple loading conditions that could include extreme loading (high wind, heavy snow, ice, high seismic, blast, progressive collapse, etc.)
- Create and develop innovative planning and design concepts for projects through collaboration with architectural and site design leaders.
- Independently assess design requirements, determine level of effort and provide input on scheduling and fees. Manage and monitor structural and budget performance of projects.
- Revise, review, and coordinate construction documents (drawings and specifications) to meet project requirements.
- Lead quality assurance reviews of projects developed by other teams.
- Direct and manage team's construction administration including site visits as required for observation, answering contractor questions, or representing the owner in reviewing completed work.
- Prepare presentation drawings, assist in developing proposal materials and participate in presentations both internally and externally.
- Supervise, mentor and train Structural Engineers, CAD/Structural techs, interns and junior staff.

An ideal candidate has:

- A bachelor's degree in Civil or Architectural Engineering with a concentration in Structural Engineering or equivalent. Master's degree in Structural or Architectural Engineering preferred.
- 12+ years of structural and civil engineering experience.
- Professional Engineer (PE) required. Structural Engineer (SE) licensure preferred.
- Strong communication and interpersonal skills to work with team members in other disciplines, consultants, and clients.
- A working knowledge of the design and construction process, project administration and administration procedures.
- Proficiency with REVIT, Structural Analysis Programs, and the Microsoft Office Suite, experience with CAD is a plus.
- Interest in and active participation in professional societies a plus.

SmithGroup offers competitive compensation and an excellent benefit package, including 401(k) and continuing educational reimbursement. We offer 3 weeks of paid time off within the first year of employment, with the option of purchasing additional time off, and pay for 8 federal holidays. We also offer an alternative work schedule that provides employees with an additional 15 days off per year (usually Fridays) to help with work/life balance.

Equal Opportunity Employer/Veterans/Disabled

SmithGroup is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, sexual orientation, gender identity, national origin, or protected veteran status and will not be discriminated against on the basis of disability or arrest/conviction records.