

Mid-Level Structural/Architectural Engineering Associate (3-7yrs) – Boston, MA



Wiss, Janney, Elstner Associates, Inc. (WJE) is seeking a **Mid-level Structural/Architectural Engineering Associate** to join our [Boston office](#).

As an Associate at WJE, you will become a multi-disciplinary professional primed to make a meaningful impact in your field. You will build on your academic and industry experience to date, as you continue to deepen your technical expertise, hone your problem-solving capabilities, and cultivate your project management skills. If you are a critical thinker, curious about how things work, and not afraid to get your hands dirty, we want you on our team!

[WJE's engineering and architecture practice spans thirty offices company-wide.](#) WJE Associates learn from and grow alongside industry-leading experts in a challenging yet collaborative interdisciplinary environment, supported by the company's [collective technical knowledge](#) of all types of structural, enclosure, and other types of building systems. This knowledge is supplemented by in-house [state-of-the-art laboratory and testing capabilities that are unique in the industry](#). Additionally, WJE utilizes unmanned aircraft systems (UAS) or drones and telephoto photographic equipment to create gigapixel panoramic images and/or models to investigate and document various types of building distress or deterioration.

WJE is an employee-owned company that employs a diverse group of C²E² people—people with outstanding **C**haracter, unwavering **C**ommitment to our core and culture, strong **E**xpertise, and genuine **E**nthusiasm for their work. Our extraordinary people enjoy a fulfilling and flexible work environment: one that is inclusive and genuinely values and

fairly treats every employee; one that is based on trust and personal responsibility; one that encourages open communication, continued learning, innovative thinking, excellence, and teamwork; and one that provides each employee a combined opportunity for personal, professional, and financial growth that is unsurpassed in our business. [Learn more at www.wje.com/about](http://www.wje.com/about)

Responsibilities:

- Assume responsibility for key aspects of projects and complete assignments with limited oversight, including managing projects and acting as primary point of contact for clients, contractors, and project teams, as appropriate
- Perform on-site investigations, condition assessments, and construction observations, which may include documenting distress, performance evaluation and field testing, collecting data and samples, and troubleshooting details
- Apply sound engineering judgment as you analyze field data, perform research, and review modern and historic construction documents, governing codes, and design guidelines to facilitate analysis, problem solving, and repair design
- Prepare conceptual, preliminary, and final client deliverables, including written reports, calculations, construction documents, repair details, and project specifications
- Contribute to company-wide objectives through involvement in office and company development initiatives, in-house Technical Resource Groups (TRGs) and research projects, and relevant industry committees and professional organizations

Qualifications:

- **Master's degree** or better in civil, structural, or architectural engineering
- **Three or more years** (5+ preferred) of civil, structural, or architectural engineering industry experience
- Solid foundation in engineering principles with demonstrated interest in the assessment, construction, investigation, and rehabilitation of various modern and historic structures, building systems, and construction materials including forensic engineering of building structures or systems
- Effective technical, graphical, written, and verbal communication skills
- Team player mindset with willingness to proactively take on various responsibilities, tackle new challenges, and learn new skills
- Ability to prioritize tasks and adapt to changing demands, while maintaining a high standard of excellence, integrity, and attention to detail
- Licensed Professional Engineer (PE) preferred (EIT with demonstrated progress towards attaining PE licensure will also be considered.)

Physical Requirements:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. This position requires visual acuity and listening ability. Individuals must have the dexterity to be able to operate office and field equipment such as computer, printer, copier, telephone, voice mail system, and other office and field equipment. Requirements may also include:

- Ability to attend meetings at the various office, field, and construction sites
- Ability to perform inspections of buildings and other structures, both visually and with instruments
- Ability to lift and carry materials and equipment up to 50 lbs.
- Ability to perform work in the temperature extremes presented by work in the outdoors
- Ability to read construction drawings, diagrams, printed materials, and computer screens
- Ability to record data clearly and write passages for reports, letters, etc.
- Ability to travel
- Ability to safely work at heights
- Ability to safely use and/or operate ladders, scaffolds, lifts and other access equipment
- Ability to understand and appreciate safety training specific to numerous workplace and construction hazards
- Ability to safely work in a variety of occupationally hazardous locations
- Medically fit to utilize respiratory protection devices and other forms of Personal Protective Equipment
- Ability to drive and safely operate a motor vehicle

WJE is an Equal Opportunity Employer. We invite all qualified applicants to apply including individuals with disabilities, minorities, women, and protected veterans (VEVRAA federal contractor).

WJE will consider qualified applicants with criminal histories in a manner consistent with the requirements of Fair Chance Ordinances.

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