

### **POSITION DESCRIPTION**

Maurer-Stutz, Inc. is seeking an experienced structural engineer to grow our existing structural engineering team in Peoria, Illinois. In addition to structural planning and design this position requires working with clients, client managers, and project managers to complete projects on time and within budget. Candidates should be able to demonstrate excellent technical, analytical, and communication abilities. In addition, ideal candidates will have experience in project management and business development.

### **EXAMPLES OF RECENT STRUCTURAL ENGINEERING PROJECTS:**

- ▣ Phase I Study for the reconstruction and resurfacing of 12 bridges on I-74 from US Route 150 West of Danville, Illinois to the Vermilion River for the Illinois Department of Transportation
- ▣ Phase I Study and Phase II PS&E for the replacement of a geometrically deficient overpass bridge at a busy I-74 interchange in East Peoria, Illinois for the Illinois Department of Transportation
- ▣ Structural design for a new student center at a local community college campus in Peoria, Illinois. The new facility contained a library, bookstore, conference spaces, dining area, and more to better serve student needs
- ▣ Structural analysis and design of beams, joist, headers, bearing walls and shear walls in the wood frame system of the upper 3 stories of an apartment building in Peoria Heights, Illinois

### **STRUCTURAL ENGINEER RESPONSIBILITIES:**

- ▣ Complete the design of bridges and steel, concrete, masonry, and wood structures
- ▣ Perform analysis and design calculations, and provide guidance for other structural designers
- ▣ Prepare specifications, details, and construction plans
- ▣ Perform structural investigations of existing residential and commercial properties and prepare reports

### **BASE REQUIREMENTS:**

- ▣ Bachelor's degree in Civil Engineering plus five or more years of experience in the field of Structural Engineering
- ▣ Licensed Structural Engineer in the State of Illinois
- ▣ Experience with CAD Software (Including AutoDesk AutoCAD and Revit)
  - Experience with Revit is preferred but not required for consideration
- ▣ Solid understanding of concrete, steel, and wood design specifications
- ▣ Attention to detail and good problem-solving skills
- ▣ Excellent written and verbal communication
- ▣ Good interpersonal skills