

# Structural Engineer

## Responsibilities

Perform a broad range of planning and design tasks for structural infrastructure projects. Duties will include the development of plans, specifications, design computations, reports and construction documents. The position will be technically involved in detailed design work, coordination of civil and non-civil designs on multi-discipline projects, coordination with utilities and public agencies, as well as resolution of design issues that may include performing field investigations.

## Job Requirements

- B.S. in Civil Engineering from an ABET-Accredited University
- Professional Engineering license in Missouri and Illinois
- 4+ years of design experience related to structural engineering
- MoDOT and IDOT bridge design experience
- Extensive experience using AutoCAD Civil 3D including development of designs and construction drawings
- Experience using Microstation, Hydraflow, Revit and GIS a plus
- Research relevant codes, standards, and permitting requirements specific to each project
- Prepare reports, memos, minutes, and other technical documents
- Technically competent and willing to learn engineering software
- Strong technical writing skills
- Proficiency in Microsoft Office applications Excel, Word, and Outlook
- Physically able to participate in site visits and field investigations

## Required education

- Bachelor's Degree in Civil Engineering

## Required experience

- Structural Engineering: 4 years