

**Job Title: Structural Engineer I****FLSA Status: Exempt****Reports To: Senior Structural Engineer / Partner / Associate Partner**

---

**SUMMARY**

Serves as project lead or secondary Structural Engineer for various BKV Group projects by performing the following duties:

Primary Responsibilities:

Position represents the Structural Engineering discipline in the current and future service development process and programs to serve the firm's clients include the following and other duties may be assigned.

- Analyzes different engineering systems to determine best fit for the owner's needs as directed by Senior Structural Engineer or Engineering Partner.
- Confers openly and directly in a respectful and professional manner with other personnel to clarify or resolve problems and develop design.
- Prepares or directs preparation of calculations and designs for engineering systems and detailed drawings.
- Reports to and submits calculations and designs for review by Senior Engineer or Engineering Partner.
- Provides leadership and work direction for Engineers in Training and Designers working on assigned projects.
- Responsible for completing work in a timely manner on assigned projects within the budgeted hours as supplied by the Senior Engineer or Engineering Partner.
- Oversee the necessary structural design work required on assigned projects.
- Must be proficient with the IBC and ASCE 7 building design codes as well as material specific design codes for steel, concrete, wood, and masonry.
- Maintains appropriate records and files on assigned projects.
- Maintains a free flow of communication with the Senior Engineer, Engineering Partner, Partner-In-Charge, and the Project Manager on assigned projects, as well as other Firm members relative to the activities on assigned projects.
- Responsible for the design process coordination of the engineering discipline with the other discipline leaders on assigned projects.
- Responsible for the technical accuracy and completeness of the engineering documentation for BKV Group on assigned projects.

Job Requirements:

- Must have BS degree in Civil Engineering from an ABET accredited college or university. MS degree in Structural Engineering preferred.
- Professional Engineering license required.

- 1-4 years related experience as a licensed professional.
- Must be fluent in reading, writing, and speaking the English language.
- Must have ability to write reports and business correspondence. Excellent organizational and time management skills.
- Must have the ability to effectively present information and respond to questions from managers, clients, and the general public.
- Must be knowledgeable with some structural engineering software such as RISA 3D/Floor, RAM Steel, ADAPT Floorpro/Edge/Matt, Enercalc, Woodworks, Ramsteel, and Microsoft Office Suite. AutoCAD/Revit experience preferred.