



## **Civil Engineer II-IV – Transportation Practice Group**

WBK Engineering, LLC (WBK) is currently seeking a motivated individual to work out of our St. Charles, IL or Aurora, IL office. WBK is a full-service civil engineering consulting firm providing transportation, structural, municipal, construction, environmental and storm water engineering, as well as urban planning, which is positioned for growth. Our staff includes 30 engineers, planners and support professionals. WBK has offices in Aurora and St. Charles, Illinois, and in Battle Creek, Michigan.

WBK is seeking an experienced Civil Engineer with Transportation Design proficiency who will work within the Transportation Practice Group. The position will support the design efforts of projects with IDOT, the Tollway and various County and Municipal projects. MicroStation proficiency is required and the ability / interest to manage and lead projects.

### **Essential Duties & Responsibilities:**

- Responsible for performing roadway or highway design tasks for projects of moderate to large size and complexity under the supervision and guidance of senior transportation engineers
- Technical assignments may include roadway and highway geometrics, drainage system design, traffic analysis and design, barrier warrant analyses, maintenance of traffic, municipal engineering, general civil/site development and other related tasks
- Designs will be performed primarily with the use of MicroStation and Geopak Open Roads 3-D modelling software
- Additional assignments will include developing preliminary design studies and Project Reports, preparing specifications, completing quantity take-offs, and checking design computations

### **Additional Duties & Responsibilities:**

- Traffic studies and traffic analysis using HCS, Synchro and other traffic modelling software as necessary.
- Coordinate engineering plan and permit submittals to clients and regulatory agencies.
- Preparation of Engineer's Opinion of Probable cost for transportation projects and roadway elements of non-transportation projects.
- Coordinate with structural engineers on bridge designs and other structural elements of transportation projects.
- Significant client contact and ability to scope transportation engineering services and assist in development of fee proposals
- Demonstrated project management skills and comfortable taking on new and possibly unfamiliar tasks

### **Education & Experience Requirements**

- Bachelor's Degree in of Civil Engineering or related engineering field.
- Five to ten years of experience in a transportation related engineering position.
- Professional Engineer licensure in Illinois preferred, however candidates with the ability to obtain licensure within six months will be considered.

WBK desires responsible professionals who are committed to personal service and professional growth. We offer a professional work environment with exceptional learning opportunities and competitive benefits.