

## **Job Title: Bridge Engineer II**

To apply, please provide a cover letter, resume, and references to [resume@cmtran.com](mailto:resume@cmtran.com).

### **Who We Are:**

Carpenter Marty Transportation is an interdisciplinary civil engineering firm that offers an unsurpassed range of expertise to streamline transportation projects and improve design value for clients and project partners. We have a proven track record of providing clients with the highest quality plans, studies, and superior customer service. Our expertise lies in bridge, roadway, and traffic engineering; project management; public involvement; survey; right-of-way design services; and operational analysis. We have a need for a full-time experienced Bridge Engineer within our Columbus or Cincinnati office locations. Carpenter Marty Transportation is an Equal Opportunity Employer.

### **What We Offer:**

- Competitive pay
- Employee bonus program
- Retirement plan
- Flexible schedule
- Work from home Fridays
- Medical, dental, vision, life, and disability insurance
- Health savings account
- Section 125/Dependent Care Assistance flexible spending account
- Paid parental leave
- Paid time off and holidays
- Company paid professional development, organizational membership, and exams
- Open, collaborative office environment
- Regular team building activities
- Verizon discounts
- Working Advantage discount program – up to 60% off event tickets, travel, and shopping

### **Our Style:**

Our team members perform work in an open workstation environment utilizing a personal computer and various communication tools to perform tasks and coordinate with internal and external contacts. Our management style focuses on encouragement/support so you should be able to thrive in that environment and have a style that is compatible. Your attitude and fit with the company are just as important as your skillset. We are willing to train a top candidate in some aspects of the work if they are the right fit for our team. The position may require occasional travel to project site locations or to various client offices. Site visits may include visual and in-depth inspection of bridges, field measurements for load ratings and taking photos of the sites. Work-related travel could be in a personal vehicle unless a company vehicle is available.

### **Your Role:**

As a team member you will be working on the daily production of bridge construction documents for our transportation clients. You will be generating and/or reviewing standard detailed drawings using CAD, design software, and engineering principles for specific portions of construction, maintenance, and planning of transportation projects. The position involves overseeing and performing technical work designing bridge plans, bridge construction quantities and estimates, load rating, and completing bridge hydraulics. You must have a strong theoretical knowledge of bridge engineering principles.

**Your Skills:**

- Self-confident, action-minded, motivated, and goal-oriented
- Ability to comfortably jump between concurrent projects while meeting specified deadlines
- Experience in overseeing staff and projects
- Thrive in a team environment
- Desire to mentor or train less experienced team members
- Previous experience writing reports and giving presentations
- Participate in and lead project meetings with the bridge team and clients
- Desire to learn, attend trainings and professional meetings, and keep informed on new design criteria and policies

**Key Skills, Competencies, Experience, & Certifications required:**

- Ohio PE Certification
- 5-12 years of professional experience in designing complex bridge projects
- Previous experience working in a team environment
- Microstation and AutoCAD experience
- Proficiency with bridge design programs such as LEAP Bridge Steel, Merlin Dash, LEAP Bridge Concrete, and AASHTO BrR
- ODOT Level 2 Bridge Design Prequalification

**Key Skills, Competencies, Experience, & Certifications preferred:**

- Understanding of the ODOT Bridge Design Manual and AASHTO Bridge Design Specifications
- ODOT Level 1 Bridge Inspection Prequalification