

## **Bridge Engineer 2**

Salary Range: (\$29.75 to \$34.00/hourly)

The Montgomery County Engineer's Office (MCEO) located in Dayton, Ohio is responsible for building, maintaining, and operating 541 bridges and 315 miles of county roads. MCEO is seeking a Bridge Engineer 2 to focus on the design and development of in-house bridge projects. Opportunities to assist with project management and further develop bridge replacement/rehabilitation and maintenance programs are available. Position requirements include:

### **Responsibilities:**

- Provide technical expertise for bridge design projects and maintenance activities
- Design and develop plans, specifications, and estimates for in-house bridge projects
- Perform quality control for consultant structural work products
- Assist with the project management of assigned bridge projects, including consultant, utility, public agency, and stakeholder coordination
- Assist other staff with the development of bridge replacement, rehabilitation, and maintenance programs
- Provide office support during construction

### **Qualifications:**

- Bachelor's degree in Civil Engineering; Master's degree preferred
- Ohio PE or the ability to obtain within one year desired
- 3 or more years of bridge experience, with demonstrated ability to design and prepare structural plans and specifications. Experience should include design of precast culverts and single and multi-span bridges (concrete box, I-beams and steel beams). Broad design experience with abutments, piers, foundations, and associated roadway components preferred.
- Basic bridge and culvert hydraulic analysis experience desired
- Understanding of bridge maintenance activities (inspection, load rating, in-house repairs)
- Desire to coach and develop junior and non-structural staff
- Strong communication skills and experience relating to peers, consultants, contractors and the public
- Self-motivated individual who seeks and accepts responsibility
- Experience with AutoCAD and/or MicroStation required
- Valid State of Ohio Driver's License or ability to obtain within 6 months

Equal Opportunity Employer

Please send resume to: [becknerk@mcoho.org](mailto:becknerk@mcoho.org)