

**Senior Engineer – Traffic Engineer**  
**Montgomery County Engineer's Office**  
**\$80,000.00 (\$38.46/hr) to \$94,536.00 (\$45.45/hr)**

**Class Concept:**

The Montgomery County Engineer's Office (MCEO), located in Dayton, Ohio, is responsible for building, maintaining, and operating 315 miles of county roads, 525 bridges, 54 traffic signals and approximately 7,000 traffic control signs. MCEO is seeking a senior level traffic engineer to provide professional and technical guidance on civil engineering projects and studies as assigned.

**Job Duties:**

- Directs the traffic count, speed studies, access permit and high crash monitoring programs
- Prepares and reviews traffic studies to determine appropriate treatments and traffic control to resolve safety and congestion issues
- Provides traffic engineering reviews on construction plans, temporary traffic control (MOT) plans, and studies submitted by consultants related to capital improvements and commercial/residential developments
- Performs design activities and assists in the preparation of bid submittal documents for capital improvement projects (signals, signs, pavements markings, temporary traffic control plans)
- Ability to mentor, direct activities, and supervise work of traffic department staff
- Oversees the operations and maintenance of County maintained traffic signals
- Manages civil engineering service contracts for design projects and traffic studies
- Assists staff in the development and budgeting of the five-year capital improvement program
- Investigates public concerns/inquiries; meets with citizens to define and resolve issues
- Functions as the ADA coordinator for facilities located within the public right-of-way

**Qualifications:**

- Bachelor of Science Degree in Civil Engineering from an Accreditation Board for Engineering and Technology (ABET) curriculum; Masters degree preferred
- Ohio Professional Engineer license or the ability to obtain within one year required
- 5 or more years of civil engineering design experience involving traffic operations, maintenance of traffic signals, road, bridge and/or drainage projects
- Working knowledge of the MUTCD, traffic signal design, traffic controller operation, capacity analysis, and high crash location analysis required
- Familiarity with the Highway Capacity Manual, Synchro, and SimTraffic required
- Familiarity with AutoCAD preferred, but not required
- Knowledge of Microsoft Office applications, including Word, Excel, and PowerPoint
- Ability to analyze problems and deal with conflict effectively
- Self-motivated individual who seeks and accepts responsibility
- Strong communication skills and experience relating to the public, peers and support personnel
- Valid State of Ohio Driver's License or ability to obtain within 6 months

Equal Opportunity Employer

Please go to [www.mcoho.org](http://www.mcoho.org) to apply or send your resume to Kim Beckner at [becknerk@mcoho.org](mailto:becknerk@mcoho.org)