



Staff Engineer – Maintenance Operations

The Ohio Turnpike and Infrastructure Commission

If you want to accelerate your career growth, you need to stop thinking about today. Instead, think year one and beyond. Bring your talents and goals to one of Northern Ohio's vital resources and join the future of transportation.

If you are interested, here's what we can offer you:

- Salary range from \$55,014.70 - \$66,766.18 annually
- Excellent pension, and health care benefits
- Generous paid leaves
- Growth and advancement
- Educational assistance and reimbursement

Main Job Tasks and Work Characteristics:

- The Staff Engineer–Maintenance Operations will perform engineering, infrastructure maintenance management, and related administrative work which requires research, development, and design of maintenance operations components such as material and service contracts, miscellaneous construction work, and related activities of the Ohio Turnpike and Infrastructure Commission. Provides department support for the management of issues dealing with the operation and maintenance of the turnpike's roadway, bridges, and facilities including the development, auditing, and review of departmental standard operating procedures and policies, specifications, services, etc.; assists in preparing construction contract plans, specifications and cost estimates for construction and reconstruction projects for Ohio Turnpike roadways, bridges, interchanges, toll plazas, service plazas, and maintenance buildings; coordinates and reviews construction plans, specifications and cost estimates prepared by consulting engineer and/or architectural firms; processes and coordinates the advertising of construction documents for bidding; assists in reviewing, coordinating and resolving construction, maintenance and traffic problems with consulting engineers, testing laboratories, contractors, Ohio Turnpike and Infrastructure Commission Maintenance, and Highway Patrol; assists in monitoring and inspection of construction projects; performs any other duties as may be assigned by the Maintenance Operations Engineer.
- Ability to comprehend and interpret a variety of professional engineering principles, techniques, procedures, criteria, plans and specifications and related data; define problems, collect data, establish facts and draw valid engineering/technical conclusions; handle routine and sensitive contacts with government officials, consulting firms, contractors and general public; plan and develop engineering projects with unique or controversial problems and/or novel engineering related concepts and approaches. Ability to craft well-written specification and contract language

for various turnpike maintenance materials and services; familiarity with various governmental and/or organizational regulations and specifications as they relate to highway, structure, and environmental issues (These include the Ohio Environmental Protection Agency (OEPA), Ohio Basic Building Code, OTIC Standards, Ohio Department of Transportation (ODOT) Construction and Materials Specifications and Standard Drawings, American Association of State Highway and Transportation Officials (AASHTO), Bureau of Underground Storage Tank Regulations (BUSTR), Occupational Safety and Health Act (OSHA), American Society for Testing and Materials (ASTM), National Fire Protection Association (NFPA), Society of Automotive Engineers (SAE), Manual on Uniform Traffic Control Devices (MUTCD), American Institute of Steel Construction (AISC), and the American Concrete Institute (ACI), some of which may be developed after employment); assist in the update of the maintenance department's procedures and operations, such as snow and ice control, pavement preservation, structure upkeep and renovation, storm water management, materials management, and budget preparation.

Unusual Working Conditions:

- The predominant work environment is the office; however, must be physically capable and sufficiently agile to perform a variety of field activities, which may require climbing, walking, running and lifting, visual and auditory observations. The work environment includes driving and field inspections during the day and night. May be exposed to extreme weather conditions, dirt, grease, dust, unpleasant odors, confined spaces and loud noises while working outdoors. Must be able to navigate construction work sites on foot. Some climbing of ladders or obstacles may be required. May require varying work hours based upon construction season and projects. Required to travel throughout the distance of the Ohio Turnpike.

Minimum Qualifications:

- Entry level position; Bachelor's degree in civil engineering or related curriculum; passing results obtained of the Fundamentals of Engineering (F.E.) Exam; ability to obtain professional engineer registration (civil preferred) within four years. Experience with any combination of design, construction, and/or maintenance practices associated with typical Civil Engineering infrastructures, including internships or co-op programs is a plus. Ability to assist and develop skills needed to operate standard survey instruments and compile requested survey data using survey methods and computations. Must possess proficiency in the use of computer equipment and programs including electronic drafting software (AutoCAD, Micro Station), Outlook, Access, Excel and Word. Strong written and oral communication skills are required. Must possess and maintain a valid State of Ohio driver's license.

Application Process:

Those interested may obtain a copy of the employment application [HERE](#). Individuals must print the application, fill out using a blue or black pen, and send it along with a cover letter and resume via U. S. mail to:

The Ohio Turnpike & Infrastructure Commission
Attn: Human Resource Generalist
Human Resources Department
Reference Code: Staff Engineer – Maintenance Operations
682 Prospect Street
Berea, Ohio 44017

Applications will be received until Thursday, March 29, 2018 at 5:00 p.m.

The Ohio Turnpike and Infrastructure Commission is an *Equal Opportunity Employer*