

Staff Engineer- Maintenance

Ohio Turnpike – Berea, OH



The Ohio Turnpike & Infrastructure Commission is seeking an experienced Staff Engineer to work in our Engineering/Maintenance Department at the Administration Building in Berea, OH. Please consider bringing your experience, talents, and goals to one of Northern Ohio's vital resources and join the future of transportation.

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

- Salary range from \$66,401.14-\$80,711.02 annually
- Excellent pension and health care benefits
- Generous paid leaves
- Stability

The Staff Engineer–Maintenance 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.

Main Job Tasks:

- 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.
- Performs operational checks, documentation, testing, reporting, and coordinates required maintenance for building and physical plant equipment at service plazas, toll plazas, maintenance buildings, etc., which includes heating, ventilation and air conditioning equipment, boilers, pumps, mechanical and electrical control type systems, doors, lights, fixtures, backflow prevention, generators, fire suppression systems, water and wastewater systems, underground storage tanks, 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.

Work Characteristics:

- 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.
- Ability to understand electrical, mechanical, water, and wastewater systems, read and understand plans and specifications.
- Knowledge of practices associated with the maintenance and repair of building systems and equipment; diagnostic test equipment; associated safety practices.

- 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 facility 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), Institute of Steel Construction (AISC), and the American Concrete Institute (ACI), some of which may be developed after employment).

Minimum Qualifications:

- Bachelor degree in civil or mechanical engineering or related curriculum.
- Passing results obtained of the Fundamentals of Engineering (F.E.) Exam.
- Ability to obtain professional engineer registration within four years.
- Experience with any combination of design, construction, and/or maintenance practices associated with typical engineering infrastructures, including internships or co-op programs is a plus.
- 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.
- May be required to obtain additional mandated certificates and/or licenses, based on changes in state or federal law, as necessary to perform the required duties of this position.

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. Field activities are necessary including supervision, inspection, verification and troubleshooting of turnpike facilities. The work environment includes driving and field inspections during the day and possibly night. Required to be available for on-call hours to assist with problems affecting maintenance operations, including emergency and other situations. 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.

Application Process

Those interested may apply [HERE](#). This link will redirect you to the Online Application site.

Applications will be received until the position is filled.

The Ohio Turnpike & Infrastructure Commission provides equal employment opportunities to all employees and applicants for employment and prohibits discrimination and harassment of any type without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state, or local laws.