

Bridge & Structures Staff Engineer

Ohio Turnpike – Berea, OH



The Ohio Turnpike & Infrastructure Commission is seeking an experienced Bridge & Structures Staff Engineer to work in our Engineering 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 \$76,949.34 - \$101,560.68 annually
- Excellent pension and health care benefits
- Generous paid leaves
- Stability

Main Job Tasks:

- Responsible for the management of the Ohio Turnpike Commission's bridge inventory; projects related to bridge reconstruction and rehabilitation.
- Responsible for maintaining communication with outside agencies with regards to bridge inventory.
- Assist in writing and reviewing requests for proposals (RFP) for consulting engineering services for bridge rehabilitation and structural related repair projects.
- Coordinates and reviews construction plans, and specifications prepared by consulting engineers for constructability, accuracy, and completeness, and for compliance with applicable codes and policies.
- Develops construction and materials specifications for bridge and related structural repair and rehabilitation projects.
- Provides project management services for bridge and structural related projects which includes but not limited to attending contract pre-construction meetings; assists in monitoring construction progress and quality of work and conformance to contract documents.
- Resolves or assists in resolving construction related problems.
- Reviews extra work orders and change orders for bridge rehabilitation and structural related projects.
- Reviews pay requests by contractors, consultants, and testing laboratories.
- Assists in monitoring contracting engineers and inspector's performance.
- Reviews contractor's construction schedules, attends progress meetings at construction sites, schedules, and conducts contract final inspections prior to acceptance.
- Manage and coordinate the efforts of the General Engineering Consultant for the annual inspection of all Ohio Turnpike bridge and structural assets including the in-depth inspection of major bridge structures.
- Act as the National Bridge Inspection Standards (NBIS) Program Manager for the Ohio Turnpike Commission and provide all required interaction and cooperation with the Ohio Department of Transportation with regards to structure filings and updates.
- Performs any other duties as may be assigned by the Deputy Chief Engineer.

Work Characteristics:

- Knowledge of structural engineering concepts in both design and construction.
- Skill in use of computer equipment and programs related to structural analysis and load ratings.
- Ability to comprehend and interpret variety of civil engineering principles, techniques, procedures, criteria, plans, specifications, and related data.

- Define problems, collect data, establish facts, and draw valid engineering/technical conclusions.
- Use statistical analysis; knowledge of safety practices associated with bridge and structural component inspections; cooperate with co-workers on group projects.
- 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.
- Respond quickly and efficiently to incidents which may affect the safety of customers, the completion of contracts, and delays to contractors.
- Effectively accomplish several work assignments simultaneously.
- Ability to resolve disputes among stakeholders.
- Develop internal/external public relations.
- Interpret FHWA safety standards; implement employee training and development.
- Employ supervisory principles and techniques.
- Knowledge and skill with various computer programs including AASHTOWare BrR, Primavera P6, AutoCAD, Microsoft Project, Excel, Word, and Access.

Minimum Qualifications:

- Bachelor of Science in Civil Engineering required.
- Must also be a Licensed Professional Engineer in the State of Ohio with a minimum of seven (7) years' experience in structural engineering.
- Must be able to or have successfully completed a Federal Highway Administration (FHWA) approved comprehensive bridge inspection training course.
- Strong written and oral communication skills required.
- Must possess and maintain a valid Ohio driver's license.

Unusual Working Conditions:

The predominant work environment is the office; however, the work environment includes driving and field reconnaissance during the day and night. Must be able to navigate construction work sites on foot. Some climbing of ladders or obstacles may be required. May work varying hours. Required to travel throughout the distance of the Ohio Turnpike.

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 Resources Manager
 Reference Code: Bridge & Structures Staff Engineer
 682 Prospect Street
 Berea, Ohio 44017

Applications will be received until 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.