



COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

TRANSPORTATION BRIDGE INSPECTOR III

Job Number: 20001396

Job Code: 70230V241116

Job Group: 7000 - ENGINEERING AND GEOLOGICAL

Job Established: 04/16/2010

Job Revised: 11/16/2024

Grade: 16 Salary (MIN - MID):

\$27,348-\$41,022 - Hourly

\$4,444.06-\$6,666.08 - 37.5 Hr. Monthly Salary

\$4,740.32-\$7,110.48 - 40 Hr. Monthly Salary

Special Entrance Rate:

\$34.992 - Hourly

\$5,686.20 - 37.5 Hr. Monthly Salary

\$6,065.28 - 40 Hr. Monthly Salary

PROBATIONARY PERIOD:

This job has an initial and promotional probationary period of 6 months, except as provided in KRS 18A.111.

CHARACTERISTICS OF THE JOB: *Characteristics of a job are general statements indicating the level of responsibility and discretion of positions in that job classification. These are not intended to be an exhaustive list.*

With the specific written approval of the State Highway Engineer, coordinates the activities in a district inspection program. Leads and performs bridge inspections on all types of bridge structures per the National Bridge Inspection Standards (NBIS) and the Specifications for the National Bridge Inventory (SNBI). Interprets NBIS standards and establishes policies and procedures for the bridge district inspection program; and performs other duties as required. (Engineering decisions recommended by positions of the class must be approved by a KRS Chapter 322 Licensed Professional Engineer.)

MINIMUM REQUIREMENTS:

EDUCATION:

High School graduate.

EXPERIENCE, TRAINING, OR SKILLS:

Nine years of bridge inspection experience with four of those years performing Non-Redundant Steel Tension Member (NSTM) bridge inspections.

Substitute EDUCATION for EXPERIENCE:

Licensure as a professional engineer by the Kentucky Board of Engineers and Land Surveyors with four and half years of bridge inspection experience (four of those years as a National Certified Bridge Inspector) will substitute for the required experience and education. An Accreditation Board for Engineering and Technology (ABET) accredited bachelor's degree in engineering with six years of bridge inspection experience (four of those years as a National Certified Bridge Inspector) will substitute for the required experience and education. An ABET accredited associate's degree in engineering technology with eight years of bridge inspection experience (four of those years as a National Certified Bridge Inspector) will substitute for the required experience and education.

Substitute EXPERIENCE for EDUCATION:

NONE

SPECIAL REQUIREMENTS (AGE, LICENSURE, REGULATION, ETC.):

Must be 18 years of age. Must possess and maintain a valid driver's license prior to employment in this job classification. Successful completion of a Federal Highway Administration (FHWA) approved comprehensive bridge inspection training course, FHWA Stream Stability and Scour Training Course, FHWA Nonredundant Steel Tension Member Training Course, FHWA Plan of Action for Scour Critical Bridges Training Course, and National Certified Bridge Inspector (Qualified Inspection Team Lead) Must maintain any required licensure(s), certification(s), or other credentials for the length of employment in this job classification. Employing agency is responsible for ensuring employee possesses and maintains required licensure(s), certification(s) or other credentials.

EXAMPLES OF DUTIES OR RESPONSIBILITIES OF THE JOB CLASSIFICATION: *Examples of duties or responsibilities are not to be construed as describing what the duties or responsibilities of any position shall be and are not to be construed as limiting the appointing authority's ability to assign, or otherwise alter the duties and responsibilities of a position. This is not intended to be an exhaustive list.*

Performs and approves bridge inspections on all bridge structures, including Non-Redundant Steel Tension Member (NSTM) structures. Leads bridge inspection teams. Oversees work of other bridge inspectors. Acts as team leader and coordinates the work of members of a bridge inspection team. Operates computer and applicable software related to NBIS data collection, inspection report compilation, and data transfer. Sorts and records data collected from bridge inspectors during inspections. Inputs data collected from inspections into computer database. Maintains and organizes district bridge files. Operates various measuring devices, camera, and survey equipment, and collects measurements for streambed elevations and profiles. Understands NSTM bridge mechanics. Understands hand analysis for simple span structures. Assists Transportation Bridge Inspector Supervisor with scheduling district bridge inspections as requested. Performs quality control and quality assurance reviews of district bridge inspection staff and consultants. Maintains district posting compliance. Provides technical assistance for specialized inspections. Available for emergency response of reported damage to structures as needed. Attends required training classes. Attends yearly bridge inspection refresher training. Trains district bridge inspectors in OSHA/KOSHA safety standards pertaining to inspection practices. Understands various Nondestructive Testing methods for inspection.

UNIQUE PHYSICAL REQUIREMENTS:

Any unique physical requirements necessary to perform the duties of a specific position will be listed on the individual position description, if applicable.

TYPICAL WORKING CONDITIONS: *Incumbents in the job will typically perform their job duties under these conditions.*

Work is performed in the office and in the field. Will be exposed to risks inherent to bridge construction sites, including extreme temperatures, heights, and working in and over water which may require the following of safety procedures.

ADDITIONAL REQUIREMENTS:

Upon employment, employees in this job classification may be required to drive a licensed vehicle. Applicants and employees in this job classification may be required to submit to a drug-screening test and background check. Applicants and employees in positions which perform job duties that may require contact with offenders in the custody or supervision of the Department of Corrections or with youth in the care, custody, or supervision of the Department of Juvenile Justice must meet qualifications pursuant to the federal Prison Rape Elimination Act, 28 C.F.R.115.17 and 115.317.

The Commonwealth of Kentucky does not discriminate on the basis of race, color, sex, disability, age, national origin, religion, sexual orientation, gender identity or expression, pregnancy or related medical condition, marital or familial status, ancestry, political affiliation, genetic information, or veteran status in accordance with state and federal laws.