



COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

HIGHWAY TECHNICIAN I

Job Number: 21002027

Job Code: 70510V240516

Job Group: 7000 - ENGINEERING AND GEOLOGICAL

Job Established: 12/16/2017

Job Revised: 05/16/2024

Grade: 11 Salary (MIN - MID):

\$16,984-\$25,476 - Hourly

\$2,759.90-\$4,139.86 - 37.5 Hr. Monthly Salary

\$2,943.90-\$4,415.84 - 40 Hr. Monthly Salary

Special Entrance Rate:

\$21,730 - Hourly

\$3,531.14 - 37.5 Hr. Monthly Salary

\$3,766.54 - 40 Hr. Monthly Salary

PROBATIONARY PERIOD:

This job has an initial and promotional probationary period of 12 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.*

Performs intermediate level work in roadway or roadside maintenance operations. Operates intermediate equipment and learns to operate advanced equipment such as, boom saws, bulldozers, cranes, excavators, graders, lowboys, milling machines, self-propelled pavers, semi-trucks/trailers. Performs technical tasks in support of highway construction and/or maintenance programs; and performs other duties as required. (Engineering decisions recommended by positions of the class must be approved by a Licensed Professional Engineer under KRS Chapter 322.)

MINIMUM REQUIREMENTS:

EDUCATION:

High school graduate.

EXPERIENCE, TRAINING, OR SKILLS:

Must have four years of construction or highway maintenance experience.

Substitute EDUCATION for EXPERIENCE:

Graduate of a college or university with an associate's degree in engineering technology, construction management, engineering science, engineering mechanics, geology, earth science, industrial drafting, design technology, construction technology or a related field will substitute for two (2) years of the highway related experience in construction and maintenance. Graduate of a college or university with a bachelor's degree in engineering will substitute for four (4) years of the highway related experience in construction and maintenance. College coursework related to any of these fields will substitute for experience on a year- for-year basis.

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 and a Class A commercial driver's license with tanker endorsement to qualify for employment in this job classification. The employee must successfully complete the KYTC Highway Technician Academy Level 2 or equivalent within one year of employment in this job classification. 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.*

In addition to performing duties listed in Highway Technician Assistant II, positions in this class will perform the following duties as appropriate: Performs a variety of intermediate level highway maintenance work including grade ditches, roll hot mix, spray chemicals, use backhoe to set pipe, paint large islands or cross hatching, advanced carpentry work, concrete finishing, welding, or basic equipment repair. Installs more complex signs. Operates intermediate equipment such as, but not limited to, asphalt distributors, asphalt hot boxes, asphalt recyclers, backhoes, belt loaders, concrete mixers, front-end loaders, hydro- seeders, pipe cleaners, road wideners, rollers, skid steers with attachments, slope mowers, tandem dump trucks, and tow pavers and learns to operate advanced equipment such as, but not limited to, boom saws, bulldozers, cranes, excavators, graders, lowboys, milling machines, self-propelled pavers, semi- trucks/trailers. Learns to plan, organize, assist, and inspect the proper traffic control on job sites in accordance with MUTCD standards. Performs duties associated with the Cabinet's snow and ice policies. Performs surveying activities for highway maintenance and construction. Operates medium (transit and level) surveying equipment. Assists with operating complex surveying equipment. Establishes centerlines, takes cross-sections and determines elevations. Records field data and makes calculations. Performs basic quality assurance materials sampling and testing such as concrete slump and temperature and asphalt content and density. Completes materials testing report forms. Serves as quality assurance inspector for single activities of construction or maintenance work such as laying pipe, concrete coring, earthwork, paving asphalt and guardrail installation for compliance with plans and specifications. Completes daily inspection reports. Reads engineering plans and specifications for construction, maintenance and repair of roadways and bridges. Performs moderate/ intermediate calculations of quantities of materials. Reduces and checks field notes. Performs inspection, record keeping and prepares reports for maintenance or construction activities. Uses computer in all applications when necessary. Trains new employees. Attends required training classes. Coordinates the work of other sub-professional engineering or structures staff.

UNIQUE PHYSICAL REQUIREMENTS:

Incumbents in this job title must possess the ability to work, sit, stoop and bend. Must be able to lift and carry 50 pounds. Must be able to respond to emergencies.

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

Incumbents in this job title typically perform their work at a highway maintenance facility or section office, at work sites throughout the assigned work area and when necessary, district wide. Incumbent will be exposed to risks inherent to working with large equipment and machines involved with road construction. Must be able to work extended hours and be outside during inclement weather.

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.