



COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

HIGHWAY TRAFFIC TECHNICIAN I

Job Number: 20000470

Job Code: 11610V250516

Job Group: 1100 - MAINTENANCE AND TRADES

Job Established: 06/16/1982

Job Revised: 05/16/2025

Grade: 10 Salary (MIN - MID):

\$15,438-\$23,157 - Hourly

\$2,508.68-\$3,763.02 - 37.5 Hr. Monthly Salary

\$2,675.92-\$4,013.88 - 40 Hr. Monthly Salary

Special Entrance Rate:

NONE

NONE

NONE

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.*

Performs qualified work on energized electrical traffic control devices. Installs and repairs traffic signals, flashing beacons, roadway lighting, and navigational lighting; and performs other duties as required.

MINIMUM REQUIREMENTS:

EDUCATION:

High school graduate.

EXPERIENCE, TRAINING, OR SKILLS:

Must have one year of experience in electrical or electronic installation or electrical or electronics maintenance work.

Substitute EDUCATION for EXPERIENCE:

Vocational or technical training in electricity, electronics or a related field will substitute for the 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 to qualify for employment in this job classification. Must possess certification in International Municipal Signal Association (IMSA) Level I training. <https://www.imsasafety.org/>. 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 qualified work on low voltage electrical traffic control devices. Installs and repairs energized electrical items, such as solar school flashers, beacons, LED Enhanced signs, traffic signals, flashing beacons, roadway lighting, and navigational lighting. Operates an aerial lift truck. Repairs and replaces signal controllers, input and output wires, power supplies, surge arrestors, pole wiring, and other electronic components. Uploads and downloads traffic signal timing. Performs lockout/tagout procedures. Completes daily work reports. Plans, oversees, and inspects the establishment of temporary traffic control and safety of job sites. Responds to emergency calls at any time. Uses a computer and traffic controller software in support of electrical device maintenance. Performs a variety of general labor functions and operates basic equipment such as single axle trucks (dump, flatbed, pickup) as needed to install or repair traffic signals and roadway lighting or their components. Places traffic control devices and serves as flagger to control and direct traffic through work zones. Assists in the work of contractors installing or repairing traffic signals or lighting devices. Maintains and completes records and reports on equipment, materials, and work orders.

UNIQUE PHYSICAL REQUIREMENTS:

Incumbents working in this job title must possess the ability to walk, 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 various locations throughout the district or at a highway traffic facility. Must be able to work extended hours and during inclement weather, when necessary.

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.