



COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

HIGHWAY TRAFFIC TECHNICIAN SPRNTNDNT

Job Number: 20000473

Job Code: 11660V250516

Job Group: 1100 - MAINTENANCE AND TRADES

Job Established: 03/16/2000

Job Revised: 05/16/2025

Grade: 13 Salary (MIN - MID):

\$20,549-\$30,824 - Hourly

\$3,339.22-\$5,008.90 - 37.5 Hr. Monthly Salary

\$3,561.84-\$5,342.84 - 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.*

Supervises staff and performs qualified work in the installation and repair of all electrical traffic control devices; and performs other duties as required.

MINIMUM REQUIREMENTS:

EDUCATION:

High school graduate.

EXPERIENCE, TRAINING, OR SKILLS:

Must have eight years 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 II or Level III 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.*

Supervises, plans, and assigns the work of a highway crew in the installation and repair of traffic signals and roadway lighting. Performs qualified work in the installation and repair of electrical traffic control devices. Repairs energized electrical items. Repairs critical items that include conflict monitor repair and repair of railroad preemption and emergency vehicle preemption systems. Inspects work for completion. Performs critical diagnostic and repair duties on conflict monitors, railroad preemption systems, and emergency vehicle preemption systems. Manages electrical maintenance contracts. Maintains and completes records and reports (including electronic) on personnel, equipment, and materials. Maintains an adequate inventory of materials, equipment, and supplies. Receives, reviews, and provides disposition of complaints from the public and employees. Follows purchasing procedures for procuring necessary materials and supplies. Interprets department policies and procedures. Ensures safety of employees. Evaluates condition of existing highway features. Uses a computer and all required software in support of electrical device maintenance. Coordinates special assignments and projects with appropriate authorities. Installs equipment and materials such as signal controllers, support poles and anchors, spans, lighting fixtures, and wiring to form a traffic signal or roadway lighting devices. Installs different types of signals, beacons, vehicle and pedestrian detection devices and lighting fixtures. Repairs traffic signals and lighting devices in the field or in the shop. Troubleshoots malfunctioning electrical devices and recommends necessary repairs. Operates various types of machinery and equipment. Inspects, assists, and coordinates the work of contractors installing or repairing traffic signals or lighting devices. Maintains and completes records and reports on equipment, materials, and work orders. Responds to emergency calls.

UNIQUE PHYSICAL REQUIREMENTS:

Employees in this job must possess the ability to walk, sit, stoop and bend. Must be able to lift and carry 50 pounds. Must be able to accommodate emergency response as necessary.

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

Incumbents with this job 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.