



COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

TRANSPORTATION ENGINEER SPECIALIST

Job Number: 20001428

Job Code: 70830V230916

Job Group: 7000 - ENGINEERING AND GEOLOGICAL

Job Established: 05/16/1995

Job Revised: 09/16/2023

Grade: 18 Salary (MIN - MID):

\$33,091-\$49,637 - Hourly

\$5,377.30-\$8,066.02 - 37.5 Hr. Monthly Salary

\$5,735.78-\$8,603.76 - 40 Hr. Monthly Salary

Special Entrance Rate:

\$42,340 - Hourly

\$6,880.26 - 37.5 Hr. Monthly Salary

\$7,338.94 - 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 written approval of the State Highway Engineer, serves as an advisor for statewide or high-profile transportation projects. Provides expertise on various transportation projects and develops engineering guidelines. Reviews and approves engineering documents as a Licensed Professional Engineer; and performs other duties as required.

MINIMUM REQUIREMENTS:

EDUCATION:

See Special Requirements.

EXPERIENCE, TRAINING, OR SKILLS:

Must have four years of engineering experience in addition to that required for licensure as a Professional Engineer.

Substitute EDUCATION for EXPERIENCE:

A master's degree in engineering will substitute for one year of the required experience. Graduate work in engineering beyond a master's degree will substitute for the required experience on a year-for-year basis.

Substitute EXPERIENCE for EDUCATION:

NONE

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

Must possess a valid driver's license prior to employment in this job classification. Must be licensed as a professional engineer by the Kentucky Board of Licensure for Engineers and Land Surveyors OR must be licensed in another state with the ability to obtain a Professional Engineering license from the Kentucky Board of Licensure for Engineers and Land Surveyors within the employee's initial six month probationary period. Engineering decisions recommended by individuals without a Kentucky

Professional Engineering License must be approved by a KRS Chapter 322 Licensed Professional Engineer until licensure is obtained. For additional information refer to: <http://kyboels.ky.gov/>. 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 a staff specialist capacity, coordinates the activities of an engineering program. Reviews and analyzes data received from others. Performs or coordinates the planning and/or design of transportation facilities in accordance with the department's policies, procedures, and standards and in accordance with federal statutes, rules, regulations, and standards. Performs or supervises the performance of studies as required by statutes, regulations, policies, and standards or performs complex forecasting activities for major infrastructure investments. Represents the Secretary and/or Commissioner of Highways in complex engineering matters with other public agencies or organizations. Coordinates and administers Transportation Management Systems as required. Statewide responsibilities for technical expertise concentrated in a specialty discipline of engineering design, management, or construction. Interprets specifications and policies. Writes, reviews, and recommends changes to policies, manuals, methods, and specifications. Evaluates new technology, materials, equipment, and procedures. Prepares cost estimates and project schedules for complex projects. Travels throughout an assigned area or throughout the state for the purpose of conferring on technical and operational problems with contractors, materials suppliers, consultants, local officials, departmental engineers, and county maintenance and special operations crew. Makes inspection and acceptance of construction and maintenance projects. Determines ways and means for proper expenditure of funds for various transportation programs. Interprets and writes professional and technical papers and reports. Reviews studies and makes recommendations for alternative solutions. Makes recommendations/ specifications concerning the planning or design of transportation facilities and related work. Studies bridge location surveys and makes bridge construction or maintenance estimates. Performs engineering analysis for the purpose of engineering recommendations and reports. Prepares detailed cost estimates for transportation projects. Negotiates agreements for engineering services.

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 construction sites which 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.