

TRANSPORTATION TECHNICIAN 2

Nature of Work: Under general supervision, an employee in this class performs full-performance level technical work in one or more of the following areas: mapping, traffic studies, highway planning, highway design, surveying, construction, inspection or materials testing. Assists Transportation System Analysts and Engineers in various projects. The work may require travel, working outdoors and being exposed to dust and chemicals. Performs related work as required.

Distinguishing Characteristics: Transportation Technician 2 is distinguished from Transportation Technician 1 by the full-performance level work assigned to the position. Exercises more independent judgement in actions taken.

Examples of Work

Assists System Analysts and Engineers in the development and testing of pilot studies for use in the highway planning function of developing methodologies, training field crews, evaluation of data and methodology revisions.

Conducts inspections on various types of highway construction, utility lines, railroad crossings, and paving projects for compliance requirements and state and federal safety regulations.

Coordinates testing of materials to assure compliance with standards and specifications.

Conducts field surveys and investigations relating to right-of-way acquisition, relocation, and citizen complaints.

Prepares exhibits on survey findings.

Researches legal documents to obtain background information.

Maintains records and compiles and records data for reports or other purposes.

Cleans, repairs, and maintains equipment to assure safety and in good working condition.

Prepares and revises plans.

Prepares sketches, drawings and layouts of graphs, charts and maps for reports, hearings and meetings.

Classifies construction projects and other subject matter by categories, ratings, priority and etc.

Knowledge, Skills and Abilities

Knowledge of materials and processes for mixing and applying asphalt, concrete, and cement in highway construction.

Knowledge of materials, methods and equipment used in highway construction and maintenance.

Knowledge of the principles, practice and terminology used in conducting land surveys.

Knowledge of preparing maps and property description.

Knowledge of the laws, policies and procedures applicable to right-of-way acquisition and relocations.

TRANSPORTATION TECHNICIAN 2 (CONT'D)

Knowledge, Skills and Abilities (cont'd)

Knowledge of testing materials standards.

Knowledge of basic mathematics, algebra, or geometry.

Ability to establish and maintain effective working relationships with other employees, officials, and the general public.
Ability to express ideas clearly and concisely, both orally and in writing.

Ability to read highway construction plans, property descriptions, survey notes, deeds and legal documents.

Ability to conduct tests on metals, cement, coatings, aggregates and soil materials for compliance with standards and specifications.

Ability to compile, analyze and tabulate road inventory, traffic count data and planning study results for inclusion in reports and budgets.

Ability to update general and special purpose maps using drafting tools.

Minimum Qualifications

Training: Education equivalent to graduation from an accredited high school.

Experience: Three years of full-time or equivalent part-time technical experience in transportation planning, collection and analysis of traffic data, in highways construction, inspection or maintenance, civil engineering, drafting, utility technician, laboratory technician or conducting physical tests on materials used in construction, or one year as a Transportation Technician 1.

Substitution: Successfully completed study from an accredited college, university or vocational technical school in engineering technology, chemistry, physics, math, urban or regional planning, economics, statistics, or drafting may be substituted for the required experience on a year-for-year basis.

Special Requirement: A valid West Virginia driver's license may be required.

Established: 11/16/93

Effective: 11/16/93