

DEPARTMENT OF TRANSPORTATION
JOB OPPORTUNITY
TRANSPORTATION ENGINEER TECHNICIAN TRAINEE
TARGET CLASS - TRANSPORTATION ENGINEER TECHNICIAN

[PLEASE FOLLOW THE SPECIFIC APPLICATION FILING INSTRUCTIONS AT THE BOTTOM OF THIS PAGE!](#)

Open To: The Public

Location: Office of Construction – District 4, 359 South Main Street, Thomaston

Job Posting No: 31819

Hours: 40 hours per week, full time

Salary: \$44,642.00 to \$61,642.00 *for Transportation Engineer Technician Trainee
\$49,064.00 to \$67,316.00 *for Transportation Engineer Technician

*Incumbents new to state service begin at minimum

Closing Date: July 17, 2015

Eligibility Requirement: State employees currently holding the title of Transportation Technician, or those who have previously attained permanent status as a Transportation Engineer Technician, may apply for a lateral transfer.

Position Description: As an instrument person sets up and operates survey equipment; serves as the head rod person or chain person, monitoring the setting and driving of stakes, clearing survey lines, and setting benchmarks; maintains survey instruments, equipment and electronic measuring devices; performs construction layout; takes and reviews field notes; collects and collates field data; creates charts, profiles, cross sections, maps and other drawings; plots profiles, survey notes, topography, lines and grades; calculates areas and volumes using standard formulas, planimeters, calculating machines and computer applications; lays out project limits by line and grade; consults with state officials and contractors regarding projects; inspects site safety conditions; inspects projects at all phases for conformance to plans, specifications and schedules; inspects old roads, marks out defective areas and calculates material quantities needed for repair; verifies labor, equipment and materials submitted for payment; obtains samples and performs field or laboratory tests such as density, gradations, compactions or other tests; controls and places materials, concrete, asphaltic and other mixes; prepares reports, cost estimates and writes and coordinates equipment transfers and requisitions; utilizes computers to update engineering data; compiles maps based on analysis and interpretation of aerial photographs; provides Chief of Survey Party assistance and reviews calculations; acts as Chief of Survey Party in his/her absence; performs related duties as required.

Knowledge, Skills and Abilities for Transportation Engineer Technician:

Knowledge of surveying and survey equipment; basic knowledge of construction engineering principles and practices; basic knowledge of construction methods and materials; interpersonal skills; oral and written communication skills; ability to perform mathematical calculations involving the use of trigonometric functions and logarithm tables; ability to create, read and interpret scales, diagrams, plans, specifications and drawings; ability to use and maintain surveying and drafting equipment and instruments; ability to prepare accurate drawings; ability to keep records.

General Experience: An Associate's degree in Engineering Technology or Construction Technology and one (1) year of related experience involved in monitoring highway construction projects or a variety of routine surveying activities.

Substitution Allowed:

1. Possession of at least Level II certification in the Civil Engineering Technology-Transportation Program, Highway Construction Inspection or Highway Surveys from the National Institute for Certification in Engineering Technologies (NICET) may be substituted for the Associate's degree requirement.
2. For state employees, successful completion of a Transportation Engineer Technician Trainee program may be substituted for the General Experience.

Knowledge, Skills and Abilities for Transportation Engineer Technician Trainee:

General knowledge of basic construction engineering theories, principles and methods; skill in use of drafting and calculating instruments and computer applications; considerable ability in performing mathematical computations; ability to prepare accurate drawings.

General Experience: An Associate's degree in Engineering Technology or Construction Technology.

Substitution Allowed: Possession of at least Level II certification in civil Engineering Technology-Transportation Program, Highway Construction Inspection or Highway Surveys from the National Institute for Certification in Engineering Technologies (NICET) may be substituted for the General Experience.

Promotion: Incumbents in this class will be eligible for promotion without further competitive examination to the Transportation Engineer Technician upon successful completion of the one (1) year training program.

Special Requirement: Incumbents in this class may be required to travel.

Working Conditions: Incumbents in this class may be exposed to some danger of injury or physical harm from highway or construction environments and a moderate degree of discomfort from exposure to year round weather conditions.

Note: The filling of this position will be in accordance with reemployment, SEBAC, transfer, promotion and merit employment rules, if applicable.

Application Instructions: Interested and qualified candidates who meet the above requirements should submit a cover letter, (State Employees must include their last two Service Ratings), a resume, and a CT-HR-12 Application for Employment by **July 17, 2015** to:

Department Of Transportation
359 South Main Street
Thomaston, CT 06787

Attn.: Bonnie Murone, Administrative Assistant

Incomplete applications where the required documentation is not submitted will not be considered for this position. Applications will be accepted by US Mail only and must be postmarked no later than the closing date indicated above. Due to the large volume of applications received we are unable to provide confirmation of receipt or status updates during the recruitment process.

AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER

The State of Connecticut is an equal opportunity/affirmative action employer and strongly encourages the applications of women, minorities, and persons with disabilities.