



**CONTINUOUS RECRUITMENT EXAMINATION OPEN TO THE PUBLIC**

**TRANSPORTATION ENGINEER 1  
(CONSTRUCTION ENGINEERING)**

**ANNUAL \$57,275 SALARY**      **SALARY**      **APPLICATION CLOSING**      **EXAM**  
**SALARY: \$77,137**      **GROUP: FS 21**      **DATE: SEE BELOW**      **NO: 081691CRMC**

**(REISSUED WITH TEST DATES FOR 2011 AND 2012)**

**PURPOSE OF CLASS:** In the Department of Transportation this class is accountable for performing less complex engineering and related tasks in highway construction, inspection of construction projects and specialized engineering activities such as materials testing, programming and scheduling, contracts, municipal systems or surveys.

**MINIMUM QUALIFICATIONS REQUIRED**

IN ORDER TO BE CONSIDERED FOR THIS EXAMINATION, YOU MUST INDICATE ON YOUR APPLICATION THAT YOU HAVE THE FOLLOWING EXPERIENCE AND TRAINING BY THE CLOSING DATE:

**GENERAL EXPERIENCE:** A Bachelor's degree in Engineering or Construction Management and one year of experience in transportation construction engineering.

**SUBSTITUTIONS ALLOWED:** (1) Possession of Land Surveyor (LS) licensure or Professional Engineer (PE) licensure from the Department of Consumer Protection State Board of Examiners for Professional Engineers and Land Surveyors consistent with C.G.S. §20-302 may be substituted for the Bachelor's degree requirement. (2) Possession of Land Surveyor-In-Training (LSIT) licensure or Engineer-In-Training (EIT) licensure from the Department of Consumer Protection State Board of Examiners for Professional Engineers and Land Surveyors consistent with C.G.S. §20-302 may be substituted for the Bachelor's degree requirement. (3) Possession of at least Level III 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 Bachelor's degree requirement.

**SPECIAL REQUIREMENTS:** (1) Incumbents may be required to possess appropriate certification from the New England Transportation Technician Program (NTTCP). (2) 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.

**KNOWLEDGE, SKILLS AND ABILITIES (KSA's):** Knowledge of principles and practices of more than one specialized field involved in transportation engineering such as construction, surveys, geodetic surveys, and materials testing; knowledge of highway construction methods and materials; ability to identify construction engineering and location problems and recommend solutions; skill in preparation of engineering and administrative reports; skill in use of computer aided design and drafting (CADD) applications; interpersonal skills; oral and written communication skills; ability to perform mathematical calculations; ability to interpret plans and specifications.

<b>THE EXAMINATION WILL BE COMPOSED OF:</b>	<b><u>PART</u></b>	<b><u>WEIGHT</u></b>
<b>(Exam questions will cover KSA's listed above.)</b>	<b>WRITTEN</b>	<b>100%</b>

(Applicants admitted to take the Transportation Engineer 1 & 2 (Construction Engineering) examinations will only need to attend one examination session.) You must apply for both examinations separately if you wish to be considered for jobs at both levels.

**APPLICATION PROCEDURE:** In order to be considered for admittance into this examination, you must complete all parts of the examination application (CT-HR-12) detailing how you meet the minimum experience and training requirements stated above. Make certain your application form clearly details your employment history, including job titles, dates of employment and actual job duties as well as college degrees earned and current licenses and certifications. **Applications must be date stamped by DAS/Human Resources or postmarked by OCTOBER 12, 2011 for the NOVEMBER 9, 2011 test date; by APRIL 2, 2012 for the MAY 9, 2012 test date; and by OCTOBER 2, 2012 for the NOVEMBER 7, 2012 test date. Mail applications to DAS/Human Resources, Room 404, State Office Building, 165 Capitol Avenue, Hartford, Connecticut 06106-1658 (Secure Fax #860-622-2840).** If faxing materials make certain that your application form is complete and transmitted correctly and without error. Incomplete faxes or faxes received blank because pages were faxed upside down will not be accepted. Due to the large number of applications received, we cannot confirm receipt of applications. Applicants must meet the experience and training requirements by the closing date for the exam administration they are applying for. **A separate application form must be submitted for each exam you are applying for.**

**NOTE:** **Applicants who applied for the August 3, 2011 exam that was cancelled, do not need to reapply for the November 9, 2011 examination.**

**FORMS:** Application forms (CT-HR-12) and exam announcements are available from the Department of Administrative Services (<http://.das.ct.gov/employment>) or at the Offices of the Connecticut State Job Centers.

(revised September 27, 2011)

**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.