



# CONTINUOUS RECRUITMENT EXAMINATION OPEN TO THE PUBLIC TRANSPORTATION ENGINEER 2 (ENGINEERING)

**ANNUAL \$61,630  
SALARY: \$88,975**

**SALARY  
GROUP: FS 23a**

**APPLICATION CLOSING  
DATE: SEE BELOW**

**EXAM  
NO: 081722CRMC**

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

**PURPOSE OF CLASS:** In the Department of Transportation this class is accountable for independently performing a full range of engineering or related tasks in one or more aspects of transportation engineering projects or studies in the following areas: administration, bridge design, design, drainage, electrical, foundations, hydraulics, maintenance, operations, pavement management, regulation compliance, rehabilitation, research, traffic or utilities.

## 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 and two years of experience in transportation engineering.

**SPECIAL EXPERIENCE:** One year of the General Experience must have been at the junior working level in a professional transportation engineering capacity. For state employees this is interpreted at the level of Transportation Engineer 1 (Engineering.)

**SUBSTITUTIONS ALLOWED:** (1) Possession of 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 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) A Master's degree in engineering may be substituted for one year of the General Experience. (4) Current incumbents in the class of Transportation Engineer 1 (Engineering) who do not possess the degree or certification/licensure qualifications as detailed on this class specification may be considered for promotion to Transportation Engineer 2 (Engineering) upon having two years experience in transportation engineering. One of the two years must have been as a Transportation Engineer 1 (Engineering).

**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.

**KNOWLEDGE, SKILLS AND ABILITIES (KSA's):** Considerable knowledge of principles and practices of more than one specialized field involved in transportation engineering such as bridge design, foundations, highway design, transportation facilities design, transportation planning, maintenance, drainage or hydraulics, research, pavement design, pavement management and traffic; skill and ability to analyze and evaluate engineering, highway, structural and pavement design, hydraulic and traffic problems and provide effective solutions; considerable skill in use of computer aided design and drafting (CADD) applications; considerable technical skills in preparation of engineering and administrative reports; interpersonal skills; oral and written communication skills; ability to perform complex mathematical calculations; ability to develop and interpret plans and specifications.

**THE EXAMINATION WILL BE COMPOSED OF:**  
**(Exam questions will cover KSA's listed above.)**

**PART**  
**WRITTEN**

**WEIGHT**  
**100%**

(Applicants admitted to take both the Transportation Engineer 1 (Engineering) and Transportation Engineer 2 (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 15, 2011 test date; by APRIL 9, 2012 for the MAY 15, 2012 test date and by OCTOBER 9, 2012 for the NOVEMBER 14, 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 24, 2011 exam that was cancelled, do not need to reapply for the November 15, 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.