



# Department of ADMINISTRATIVE SERVICES Job Postings



## DEPARTMENT OF TRANSPORTATION JOB OPPORTUNITY Transportation Engineer 2 (Engineering)

**PLEASE FOLLOW THE SPECIFIC APPLICATION FILING INSTRUCTIONS AT THE BOTTOM OF THIS PAGE!**

Open To: The Public.  
Location: 2800 Berlin Tpke, Newington, CT  
Job Posting No: 101514  
Hours: 40 Hours/week, Monday-Friday (8:00 am to 4:30pm)  
Salary: FS-23a: \$67,346.00 to \$97,227.00 annual  
Closing Date: July 28, 2017

**Position Description:** The office of Rail Design, Bureau of Public Transportation, has a job opportunity for a Transportation Engineer 2 (E), in the Bridge Inspection Unit, which may be under-filled at the Transportation Engineer 1 (E) or Transportation Engineer Trainee level.

**Eligibility Requirement:** Please note that the exams for the Transportation Engineer 1 E and Transportation Engineer 2 E classifications have been cancelled and the classes have been changed to non-examined. In order to be considered candidates must possess the minimum required qualifications that include experience, education and training listed below for Transportation Engineer 2 E or have attained permanent status in the classification for a lateral transfer. You must specify how you meet the minimum qualifications, including the experience, education and training required on your CT-HR-12 application for employment. To apply at the Transportation Engineer 1 E or Transportation Engineer Trainee level, you need to meet the minimum qualifications as stated on the job specifications found on the Department of Administrative Services website or have attained permanent status for lateral transfer. You must specify on your CT-HR-12 Application for Employment how you meet the minimum qualification, including the experience, education and training.

### MINIMUM QUALIFICATIONS REQUIRED

**KNOWLEDGE, SKILL AND ABILITY:** 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.

**ENGINEERING:** Acts as a team member in preparation and review of plans and estimates for construction or maintenance of bridges, structures, highways and transportation facilities; performs designs for horizontal and vertical geometry necessary for development of highway design plans, profiles and cross sections; develops necessary coordinate geometry for layout of design plans; prepares and reviews computations for storm drainage systems and culvert designs; assists in project budget preparation, report writing, general planning and administration of unit work from an engineering project coordination and technical stand point; conducts engineering procedural studies; prepares research and administrative reports; plans and oversees highway maintenance; oversees activities of lower grade engineers and technical aides in traffic control and operation studies, designs and analyses; prepares and reviews storm drainage systems and culvert designs and computations for watersheds of 1000 acres and less; performs mathematical calculations in development of flood profiles, synthetic hydrographs, flood routing, energy dissipation, pollution abatement and erosion protection; performs related duties as required.

### Special Experience:

1. Incumbents in this class may be required to possess and retain a valid Motor Vehicle Operator's license.
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.

### Experience and Training:

**General Experience:** A Bachelor's degree in Engineering and two (2) years of experience in transportation engineering.

**Special Experience:** One (1) 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).

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

**Note:** The filling of this position will be in accordance with reemployment, SEBAC, transfer, promotion and merit employment rules, if applicable. The candidate pool resulting from these interviews may be used to fill future Transportation Engineer 2 E positions in the office of Rails within twelve months.

**Application Instructions:** Interested and qualified candidates who meet the above requirements should submit a cover letter, a resume, and an Application for employment CT-HR-12. **State employees must also include copies of last two service ratings received.** Your application must be received by July 28, 2017, and will not be considered complete without all required documents: Send documents to:

Rose Hunter

Department of Transportation, Office of Rail  
2800 Berlin Turnpike, Newington, CT 06131-7546  
or email to [Rose.Hunter@ct.gov](mailto:Rose.Hunter@ct.gov)

**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.