



DEPARTMENT OF TRANSPORTATION
JOB OPPORTUNITY
Transportation Engineer 3 (Engineering)
Bureau of Engineering and Construction

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

Open To: The Public
Location: Office of Engineering – Newington Office
Job Posting No: 29418
Hours: 40 hours per week
Salary: Pay grade FS-27a, \$81,531 - \$116,893 annually plus full State of CT benefits
Closing Date: Wednesday, March 1, 2017, 4:00 pm

REVISED POSTING – Candidates who applied to posting # 31859 which closed 1/18/17 will be considered for this posting and should not reapply.

There is one current and several anticipated opportunities available for the position of Transportation Engineer 3 (Engineering) in the Office of Engineering, Division of Bridges, State Bridge Design, Bridge Consultant Design (Consultant Liaison Engineer & Major Bridge Units) and Bridge Safety & Evaluation. The positions are in the P-4 (Engineering and Scientific) bargaining unit. Applicants who are interested in applying to any TE3 position in the Division of Bridges are encouraged to apply to this posting because the candidate pool resulting from these interviews may be used to fill Transportation Engineer 3 (E) vacancies that occur in the Division of Bridges, in the next twelve (12) months. Only one application package is required.

State Bridge Design, Bridge Consultant Design (Consultant Liaison Engineer Unit), or Bridge Consultant Design (Major Bridge Unit): Responsibilities of these positions may include, but are not limited to: Oversee work of lower level engineers in preparation of bridge study reports through completion of structure plans, specifications and estimates; perform complex structural design work; work as a lead project engineer in project administration and technical design/support; leading municipalities, consultants, consultant liaison engineers or bridge design engineers, technicians and clerical personnel in the preparation of calculations, plans, specifications and estimates for construction of bridges; schedule, assign and oversee design crew engineering work; oversee and conduct research on materials incorporated in bridges and miscellaneous structures as well as maintenance and construction methods in the field; maintain and report on project budgets and schedules; perform and oversee load rating analysis for bridges and other structures; oversee field inspection of structural conditions of existing structures and project site constraints; prepare design man-hour counter proposals and represent state in negotiations with consultants for determined scope of services; assist in project public outreach including preparation and presentations at public information meetings; maintain and report on project budgets and schedules; and other duties as required.

Bridge Safety and Evaluation: Responsibilities of these positions include, but are not limited to, technical review and analysis of bridges and other structures for condition and safety; providing solutions for bridge-related maintenance problems; supervising the work of crews engaged in bridge inspection; administrating consultants engaged in bridge inspection; overseeing and maintaining bridge inventories and inspection records; working with bridge databases; preparing reports and correspondence; making oral presentations at public meetings and other related duties.

Eligibility Requirement: Please note that the exam for Transportation Engineer 3 (Engineering) has been cancelled and the Transportation Engineer 3 (Engineering) classification has been changed to non-examined. To be eligible for this posting, candidates must meet the Minimum Qualifications listed below. State employees currently holding the above title or those who have previously attained permanent status may apply for lateral transfer.

Minimum Qualifications Required: General Experience: A Bachelor's degree in Engineering and three (3) years of experience in transportation engineering. **Special Experience:** One (1) year of the General Experience must have been at the working level in a professional transportation engineering capacity. For state employees this is interpreted at the level of Transportation Engineer 2 (Engineering).

Substitutions Allowed: Possession of Professional Engineer (PE) 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. A Master's degree in engineering may be substituted for one (1) year of the General Experience. Current incumbents in the class of Transportation Engineer 2 (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 3 (Engineering) upon having three (3) years of experience in transportation engineering. One (1) of the three (3) years' must have been as a Transportation Engineer 2 (Engineering).

Special Requirements: 1) Incumbents in this class may be required to possess and retain a valid Motor Vehicle Operator's license. 2) Incumbents 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.

Preferred Knowledge, Skills and Abilities: Considerable knowledge of principles and practices of civil engineering, structural engineering preferred; considerable interpersonal skills and oral and written communication skills; ability to work with other Department units, consultants, towns, state and federal agencies; knowledge of highway and bridge construction methods and materials; ability to analyze bridge and structural design problems and recommend effective solutions; desire to apply bridge management and accelerated bridge construction techniques and software. The successful candidate for these positions must be available to attend public meetings outside of normal working hours, when necessary.

Interviews may be limited to candidates whose experience and training most closely meet the requirements of the position. Note: The filling of this position will be in accordance with reemployment, SEBAC, transfer, promotion and merit employment rules, if applicable.

Application Instructions: Submit a cover letter which states your interest and suitability for these positions, a resume, and an Application for Employment [CT-HR-12](#). Current State of Connecticut employees must also include copies of their last two service ratings received. Send to: **Carol M. Morse, Bureau of Engineering and Construction, Division of Bridges, 2800 Berlin Turnpike, Newington, CT 06111**, or e-mail to carol.morse@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.