



DEPARTMENT OF TRANSPORTATION
JOB OPPORTUNITY

Transportation Bridge Safety Inspector 2
Bureau of Engineering and Construction

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

Open To: The Public
Location: Various locations in CT – see below
Job Posting No: 29411
Hours: 40 hours per week
Salary: Pay grade FS-20, \$59,650 - \$80,596 annually plus full State of CT benefits and currently a \$50 per week recruitment and retention stipend
Closing Date: **Monday, January 23, 2017, 4:00 pm**

There is one current and several anticipated opportunities available for the position of Transportation Bridge Safety Inspector 2 in the Bridge Safety and Evaluation Section of the Division of Bridges, Bureau of Engineering and Construction. These positions are full-time, 40 hours per week, and are in the P-4 Engineering and Scientific Bargaining Unit. It is anticipated that the current position will be filled in Thomaston, and subsequent positions may be filled in various locations including Thomaston, Rocky Hill, Norwich, New Haven and/or Newington.

The selected candidates will act as the lead member of a team responsible for the technical inspection of bridges and related structures and will perform a variety of bridge safety inspection tasks, including but not limited to, inspecting bridges for corrosion and deterioration in steel beams and girders; making technical measurements to determine if bridge cross-sectional area is reduced (section loss); inspecting concrete beams and girders for spalling, diagonal cracking and flexure (vertical) cracking; inspecting abutments, piers and bents for evidence of tilt or settlement as well as corrosion; inspecting decks, trusses, bearings, etc., for deterioration; preparing inspection notes and sketches covering bridge defects noted; may compute calculations related to bridge inspection; operating special bridge inspection equipment used in non-destructive testing; evaluating the seriousness of bridge defects noted and making on-the-spot reports if indicated; preparing accurate and complete reports of all bridge inspections using customized software; supervising and training bridge inspectors of lower grade in the techniques, procedures and methods of bridge inspection; performing related work as required. The selected candidates may also act as the non-lead member of an inspection team at times.

Eligibility Requirement: Applicants must meet the General and Special Experience, Knowledge, Skills and Abilities, and Special and Physical Requirements listed below in order to be considered. State employees currently holding the title of Transportation Bridge Safety Inspector 2 or those who have previously attained permanent status may apply for lateral transfer.

Knowledge, Skills and Abilities: Considerable knowledge of the methods and techniques of technical bridge inspections; considerable knowledge of bridge components, their purposes and inter-relationships; some knowledge of basic civil engineering principles as applied to bridge construction; considerable ability to prepare neat and accurate drawings and sketches; considerable ability to operate and adjust specialized bridge inspection measurement and detection devices; considerable ability to prepare complete and accurate bridge inspection reports, ability to operate a camera and computer; ability to read and interpret basic bridge construction plans.

General Experience: Five (5) years of employment in bridge inspection assignments in a responsible technical capacity.

Special Experience: One (1) year of the General Experience must have been at the level of Transportation Bridge Safety Inspector 1.

Substitutions Allowed: 1. Current certification as a Level 3 or 4 Bridge Safety Inspector under the National Society of Professional Engineer's program for National Certification in Engineering Technologies (NICET) may be substituted for the General Experience. 2. Meeting the requirements for registration as a Professional Engineer in the State of Connecticut may be substituted for the General Experience. 3. Possession of a Professional Engineer's license in the State of Connecticut may be substituted for the General Experience.

Special Requirements: 1. Incumbents in this class must possess certification for successful completion of the comprehensive bridge safety inspector's training course based on the "Bridge Inspector's Training Manual" (United States Department of Transportation) at time of appointment. 2. The appointing authority may require possession of an appropriate current Connecticut Motor Vehicle Operator's license at time of appointment and during employment in this class. 3. Incumbents in this class may be required to travel.

Physical Requirement: Employees appointed to positions in this class must have adequate physical agility, stamina and strength and are expected to maintain such physical fitness for performance of the required duties.

Working Conditions: Incumbents in this class may be exposed to considerable danger of injury or physical harm due to falls, traffic, and hazardous fumes and may be exposed to a moderate degree of discomfort from weather conditions.

Note: The filling of this position will be in accordance with reemployment, SEBAC, transfer, promotion and merit employment rules, if applicable. Interviews may be limited to candidates whose experience and training most closely meet the requirements of these positions. The candidate pool resulting from these interviews may be used to fill Transportation Bridge Safety Inspector 2 vacancies that occur in the next twelve (12) months.

Application Instructions: Submit a cover letter, 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:

Maegan Senerth

Bureau of Engineering and Construction, Division of Bridges
2800 Berlin Turnpike, Newington, CT 06111 or e-mail to maegan.senerth@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.