STATE OF RHODE ISLAND
invites applications for the position of:

STUDENT CIVIL ENGINEER (DOT)

DEPARTMENT: DEPARTMENT OF TRANSPORTATION
DIVISION:
OPENING DATE: 09/12/18
CLOSING DATE: Continuous
SALARY: $18.00 - $22.00 Hourly
PAY GRADE: 0261 G
JOB TYPE: Non-Union (99)
NAME OF BARGAINING UNIT UNION: Non-Union (99)
LOCATION: Statewide and Two Capitol Hill, Providence
SCHEDULED WORK DAYS: HOURS OF WORK
These Appointments will begin in May, 2019. Depending on assignment, the work week hours will be 35 hours or 40 hours.
WORK WEEK: Standard 40.0 Hours
JOB NUMBER: 05896
CLASS DEFINITION:
GENERAL STATEMENT OF DUTIES: To assist in civil engineering work at the beginning level in connection with the state transportation projects; and to do related work as required.
SUPERVISION RECEIVED: Duties are assigned individually in detail; work is closely supervised.
SUPERVISION EXERCISED: Usually none.
ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:
Infrastructrure/Bridge – to work among experienced bridge inspection and rating engineers and will be involved with reviewing plans, design computations, and specifications; checking quantities, and field reviewing bridge structures.
Project Management/Construction – to assist staff with field inspection of work to ensure quality workmanship is performed by contractors, ensure contract work is in compliance with project specifications, perform calculations to verify quantities of work performed in the field, prepare daily activity reports, and assist in close-out of projects.
Safety/Traffic – to work closely with and under the direction of a Professional Engineer
with responsibilities of development of traffic studies, such as conducting traffic counts, performing speed studies, sight distance assessments, crash history review and development of engineering improvements; to develop engineering work orders that are designed to provide safety or mobility improvements to the State's Road network; to conduct research and provide State documents as needed in accordance with the State's Open Records Request commitment; to review design plans and ensure that they are in conformance with all Federal and State guidelines; to investigate public concerns and recommend mitigation if appropriate; to prepare responses to public inquiries. To develop knowledge and use of engineering publications such as the Manual on Uniform Traffic Control Devices, Institute of Transportation Engineering handbook, AASHTO's "Green Book" and others.

**Project Management/Materials** – to assist a professional civil engineer, or an engineering technician of a higher classification, in materials testing activities; to assist in the taking and testing of sample aggregates, mixes, asphalt, steel and other materials used in highway or bridge construction; to assist in the preparation of materials survey reports; and to assist in materials research.

To do related work as required.

**REQUIRED QUALIFICATIONS FOR APPOINTMENT:**

**KNOWLEDGES, SKILLS AND CAPACITIES:** Must possess an understanding of basic civil engineering principles and practices; Ability to perform all the computations applied to standard engineering operations; a working knowledge of computer software programs and techniques; the ability to prepare accurate engineering proposals, plans, papers and technical correspondence; the ability to understand and carry out complex oral and written instructions; the ability to establish and maintain effective working relationships; the ability to write effectively and to make oral presentations; and related capacities and abilities.

**EDUCATION:** Applicants should be at least a second year student, enrolled at an accredited college/university with specialization in Civil Engineering, or Civil-Environmental Engineering. Students majoring in civil engineering are given initial placement preference; a student's academic standing and GPA are judged for placement preference.

**SUPPLEMENTAL INFORMATION:**

Full time students must attach a current resume detailing their education, work experience and any community involvement, a statement of interest describing career plans and a copy of latest unofficial college academic transcript. If selected, applicant must provide most recent official college transcript. **Graduate students are compensated at the $22.00/hour level.**
STUDENT CIVIL ENGINEER (DOT) Supplemental Questionnaire

* 1. Are you currently enrolled full-time in an academic program at a four-year college or university?
   - Yes  
   - No

* 2. What academic year/class level are you currently enrolled in?
   - Freshman
   - Sophomore
   - Junior
   - Senior
   - Graduate

* 3. What is your last semester's cumulative grade point average?

* Required Question