



NEW JERSEY DEPARTMENT OF TRANSPORTATION  
Public Posting

**POSTING #:** 19-00042

**TITLE:** Engineer Trainee, Transportation (Electrical)

**ISSUE DATE:** 1/17/2019

**TITLE CODE:** 16270

**CLOSING DATE:** 2/28/2019

**DIVISION:** Capital Program Management

**LOCATION:** Ewing

**UNIT:** Highway & Traffic Design

**SALARY:** \$55,420.53

The New Jersey Department of Transportation (NJDOT) is seeking applications for candidates for the position of **Engineer Trainee Transportation (ETT)** within the Division of Capital Program Management. Engineer Trainees are assigned a 40 - hour work week. Current starting salary is \$55,420 and \$57,557 after six months. As a NJ State Department, NJDOT offers a comprehensive benefits package including Health Care (medical, prescription drug, dental and vision care), Pension, Deferred Compensation, 12 paid holidays, and Benefit Leave (12 vacation days, 15 sick days and 3 administrative days). Standard workweek is Monday through Friday.

**This posting is recruiting for positions within only one unit. A Preference Form will not be required.**

**Work experience within this unit WILL qualify as approved Design Experience for the issuance of a NJ PE License.**

#### **DESCRIPTION**

##### **Traffic Engineering**

The Bureau of Traffic Engineering is responsible for the review, evaluation, and providing recommendations of traffic and electrical engineering submissions for Capital Program and Major Access Permits projects; prepare designs for temporary and final traffic signals, pavement markings, and highway lighting; perform plan reviews for work zone traffic control devices and staging and provide field assistance to contractors, resident engineers, and construction safety staff; create new and update existing CADD drawings for traffic signal and electrical designs.

Appointee will assist in the preparation of electrical engineering designs, conduct reviews and field investigations required for new and revised traffic signals, flashing beacons, highway and tunnel lighting, overhead sign panel lighting, material approvals for highway and access projects. Duties will involve both field and office work.

#### **REQUIREMENTS**

Graduation from an accredited college or university with a Bachelor's Degree in **Electrical Engineering**.

**Note:** Possession of a valid Professional Engineer's License issued by the New Jersey State Board of Professional Engineers and Land Surveyors may be substituted for the Bachelor's degree in Engineering.

**Note:** An Engineer - In - Training (EIT) certification issued by the Division of Consumer Affairs, New Jersey Office of the Attorney General may be substituted for the above education requirement. Applicants must submit proof of the EIT certification and the Fundamentals of Engineering (FE) exam results. The area of discipline indicated on the FE exam results (e.g., Civil, Electrical and Computers, Chemical, Industrial and Systems, Environmental, Mechanical, and Other Disciplines) must be appropriate to the position.

For more information regarding this position, please refer to: <http://info.csc.state.nj.us/jobspec/16270.htm>

**License:** Appointee will be required to possess a Driver's License valid in New Jersey.

## REQUIREMENTS (CONT.)

**Work Authorization:** Applicants must be authorized to work in the United States according to the Department of Homeland Security, United States Citizenship and Immigration Services regulations. NJDOT does not provide sponsorship or accept student OPT/CPT programs, F1 or H1B work authorization visas.

**Residency:** All persons hired on or after September 1, 2011 have one year from the date of appointment to establish, and then maintain, principal residence in the State of New Jersey subject to the provisions of N.J.S.A. 52:14 - 7 (P.L. 2011, c. 70), also known as the "New Jersey First Act."

## TO APPLY

**You must apply through the NJDOT website at: <https://www.state.nj.us/transportation/about/employ/openings.shtm>**

Submit a complete packet by the closing date that includes the following documents:

- NJ State Application for Employment (Application and instructions can be found at link above)
- Letter of interest
- Current resume
- Copy of unofficial transcript OR foreign degree evaluation that verifies degree in Electrical Engineering was awarded

**NJDOT Employees:** Submit a letter of interest and current resume **only** by closing date to DOT.NJDOTJOBS@dot.nj.gov.

## IMPORTANT NOTES

**Proof of Degree:** You must provide transcript or evaluation of your **UNDERGRADUATE** degree. Foreign degree evaluation must be evaluated by a USA recognized evaluation service and include your course - by - course evaluation.

**Incomplete Packets:** Applicants MAY NOT be considered if they fail to provide all requested documents upon initial submittal or fail to follow instructions when submitting electronically. Applicants will be selected for an interview on the basis of their application/resume.

**Anticipated Graduation:** NJDOT will accept applications from students anticipating graduation in May 2019. No offer of employment will be made without proof of degree.

**Current State employees:** Any appointments made that involve movement may result in a forfeiture of rights to any promotional lists in their former unit.

**New Jersey Is An Equal Opportunity Employer**