



**NEW JERSEY DEPARTMENT OF TRANSPORTATION  
Public Posting**

**POSTING #:** 24-00144

**TITLE:** Electrical Engineer Trainee Transportation

**ISSUE DATE:** 4/12/2024

**TITLE CODE:** 16270

**CLOSING DATE:** 5/10/2024

**DIVISION:** Capital Program Management

**LOCATION:** Ewing

**UNIT:** Traffic Engineering

**SALARY:** \$62,088.54-\$64,482.40

The New Jersey Department of Transportation (NJDOT) is seeking applications for candidates for the position of Engineer Trainee Transportation (ETT), Electrical. Engineer Trainees are assigned a 40 - hour work week. Current starting salary is \$62,088 and \$64,482 after six months. Standard workweek is Monday through Friday but may require working contractor hours.

The Division of Traffic Engineering is responsible for the management of the following units: Traffic Engineering, Signal Investigations, Traffic Regulations, Special Projects, Electrical Engineering, North and South Regional Traffic Control/Work Zone.

The Engineer Trainee Transportation Electrical learns to review electrical traffic signal plans, highway lighting plans, lighting analyses, conduit fill calculations and overhead wire elevations for conformance with the High Voltage Proximity Act. These positions learn to handle County/Local Electric Service Inquiries to the Utility Company for all new and modified services. The Engineer Trainee learns to recommend Electrical Materials for approval, approve traffic signal controller testing, and assist in the preparation of electrical plans and highway lighting designs for in - house design projects. Duties will involve both field and office work.

As a NJ State Department, NJDOT offers a comprehensive benefits package including:

- Health Care (medical, prescription drug, dental & vision care)
- Pension
- Deferred Compensation
- 13 paid holidays
- Benefit Leave (12 vacation days, 15 sick days and 3 administrative days)
- Training & Tuition Aid Opportunities

**REQUIREMENTS**

**Degree:** 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.

## REQUIREMENTS

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

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

**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

## IMPORTANT NOTES

**Proof of Degree:** You must provide transcript or evaluation of your **UNDERGRADUATE** degree.

**Foreign Degree Evaluation:** If you obtained your undergraduate degree outside of the US, you **MUST** provide a Foreign Degree Evaluation from a USA recognized evaluation service agency that includes a course - by - course evaluation in order to be deemed eligible. Failure to provide evaluation will result in your application being disqualified.

**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.

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

NJDOT provides reasonable accommodations to applicants with disabilities where appropriate. If you need a reasonable accommodation for any part of the application and hiring process, please email dot - hr.ada@dot.nj.gov. Determinations on requests for reasonable accommodation will be made on a case - by - case basis.

**SAME APPLICANTS:** If you are under the NJ "SAME" program, your supporting documents (Schedule A or B letter), must be submitted along with your resume by closing date indicated above. For more information on the SAME Program visit their Website at: <https://nj.gov/csc/same/overview/index.shtml> , email: [SAME@csc.nj.gov](mailto:SAME@csc.nj.gov) , or call CSC 609 - 292 - 4144, option 3.

**New Jersey Is An Equal Opportunity Employer**