



**NEW JERSEY DEPARTMENT OF TRANSPORTATION
Public Posting**

POSTING #: 24-00390

TITLE: Engineer Trainee, Transportation (Civil)

ISSUE DATE: 12/6/2024

TITLE CODE: 16270

CLOSING DATE: 12/27/2024

DIVISION: Safety Programs & Transportation Data

LOCATION: Ewing

UNIT: Various

SALARY: \$64,261.62-\$66,739.26

POSITION: Three (3)

STUDENTS ANTICIPATING GRADUATION IN DECEMBER 2024 OR MAY 2025 ARE ENCOURAGED TO APPLY

The New Jersey Department of Transportation (NJDOT) is seeking applications for candidates for the position of Engineer Trainee Transportation (ETT).

WORK SCHEDULE AND SALARY

Engineer Trainees are assigned a 40 - hour work week. Current starting salary is \$64,261 and \$66,739 after six months. Standard workweek is Monday through Friday, but some positions may require contractor work hours. Work experience within many of the units will qualify as approved Design Experience for the issuance of a New Jersey PE License.

The Department of Transportation (DOT) currently offers a telework pilot program, and this position may qualify for up to 2 days of remote work at your primary residence outside of your assigned DOT work location. This program does not supersede the "New Jersey First Act", which requires newly hired NJDOT employees to establish, and then maintain, principal residence in the State of New Jersey.

New hires will not be eligible for the telework pilot program until they successfully complete their 4 - month working test period.

Statewide Planning, Safety & Capital Investment is hiring for multiple areas including:

Bureau of Transportation Data and Support (BTDS) is responsible for collecting and verifying roadway data used in the planning and design stages of capital program project development. The Bureau is responsible for submitting monthly and annual reports, via the Highway Performance Monitoring System (HPMS), to the FHWA on behalf of the Department for the purpose of securing federal fund apportionments. Types of data compiled by the BTDS include traffic counts, vehicle classifications, roadway attributes and milepost delineations, vehicle miles traveled, cross - section geometry, truck weights, and digital roadway images. The BTDS administers the Automated Straight - Line Diagrams and Linear Referencing System (LRS). The BTDS collects all crash reports (NJTR - 1 forms) statewide from state and local law enforcement agencies. The BTDS receives an average of 320,000 crash reports per year that need to be processed, scanned, verified, and stored in a database. The Bureau provides technical oversight of the CRD database and NJCrash portal and any required coordination with internal and external stakeholders. The Bureau also manages the Federal Motor Carrier Safety Administrations (FMCSA) Motor Carrier Safety Assistance Program and SafetyNet. The Bureau maintains records that are used to monitor the safety performance of motor carriers, reviews commercial vehicle crash records for accuracy, maintains an acceptable State Safety Data Quality level with the FMCSA for timeliness, completeness, and accuracy of reports, and responds to data quality challenges by motor carriers.

The Bureau of Safety, Bicycle and Pedestrian Programs (BSBPP) is made up of three primary units: Office of Safety Program Management, Office of Bicycle and Pedestrian Planning, and the Office of Complete Streets Implementation. The Bureau is responsible for administering the federally funded Highway Safety Improvement Program (HSIP) for all public roads (municipal, county and state) in New Jersey. HSIP funds are used for State Highway Improvements and Metropolitan Planning Organization locally driven roadway improvement projects, in support of the New Jersey's Strategic Highway Safety Plan (SHSP). The Bureau is responsible for managing the implementation of the New Jersey 2020 SHSP and the development of the New Jersey 2025 SHSP. Under the Infrastructure Bill (IIJA), in 2025, New Jersey will be allocated approximately \$85 million and the funds are only to be used on projects with a documented safety need. The Bureau is also responsible for initiating safety related problem statements to address data driven safety concerns along state routes. To this extent, the Bureau is responsible for managing technical projects that identify, inventory, review and analyze safety concerns along state and non - state roads, with a goal of suggesting safety countermeasures. The Bureau is also responsible for a variety of bicycle and pedestrian planning and program activities including the Complete Streets initiative and Subject Matter Expert (SME) support to the Safe Routes to School program. The Bureau serves as a SME on the Department's Complete Streets policy, and for ensuring its implementation. This requires coordination with the Division of Project Management (DPM) and supervision of staff to thoroughly assess all NJDOT projects regarding bicycle, pedestrian, and Complete Streets accommodations in a timely manner.

The ETT preferred skills and responsibilities include, but not limited to the following:

- Gather and tabulate data.
- Making necessary engineering calculations
- Preparing documentation and reports
- Various Field work
- Ability to work in fast - paced offices.
- Strong customer service
- Strong analytical skills
- Participate in webinars, innovative ideas, and meetings.
- Strong mathematical skills

REQUIREMENTS

Degree: Graduation from an accredited college or university with a **Bachelor's Degree in Civil 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: <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."

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 Civil Engineering was awarded

TO APPLY

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.

BENEFITS PACKAGE

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

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 , or call

CSC (609) 292 - 4144, option 3.

New Jersey Is An Equal Opportunity Employer