



NEW JERSEY DEPARTMENT OF TRANSPORTATION
Public Posting

POSTING #: 19-00034

TITLE: Engineer Trainee, Transportation (Civil)

ISSUE DATE: 1/17/2019

TITLE CODE: 16270

CLOSING DATE: 2/28/2019

DIVISION: Transportation Operations Systems & Support

LOCATION: Ewing

UNIT: Operations

SALARY: \$55,420.53

OFFICE DESCRIPTION

The New Jersey Department of Transportation (NJDOT) is seeking applications for candidates for the position of **Engineer Trainee Transportation (ETT)** within the Division of Division of Transportation Operations Systems & Support. 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 in multiple units within Operations. If you are found to be eligible for this position, a Preference Form will be provided to you in which you must specify which units you are interested in being considered for.

Work experience within this unit WILL NOT qualify as approved Design Experience for the issuance of a NJ PE License.

DESCRIPTION

Region North, Region Central & Region South Operations Locations: Mt. Arlington, Ewing or Cherry Hill

Region North includes the following counties: Sussex, Passaic, Bergen, Warren, Morris, Essex, Hudson, and Union.

Region Central includes the following counties: Hunterdon, Somerset, Middlesex, Mercer, Monmouth, and Ocean.

Region South includes the following counties: Burlington, Camden, Gloucester, Salem, Atlantic, Cumberland, and Cape May.

As a Engineer Trainee in the Regional Operations, you will be part of a fast - moving, high - output team. The Region is responsible for the maintenance of state highways, roadsides and bridges and equipment repair. Each Region has between 250 to 400 personnel, 15 to 30 Operational Crews, 3 to 5 Garages and an Engineering Section.

The appointee to this position will be required to work on/be responsible for the following:

- Reviewing and interpreting plans, and specifications
- Participate in preparing as - built plans; cost estimates of materials for specific projects
- Operate a transit and level
- Stake final grades
- Locate and plot topographical features
- Perform engineering calculations
- Collect, compute, and analyze hydrologic, hydraulic, and other engineering data for flood control work
- Check and sample materials for laboratory tests
- Conduct inspection of all materials and products used in the construction and maintenance of highways and transportation facilities
- Lay out and conduct detailed inspections of excavating, embankment, earthwork, concrete, sheet asphalt, curbs, pipes, guard rails, culverts, inlets and utility holes
- Investigate dependable yield of surface water
- Participate in hydrologic analyses of storm rainfall and flood runoff, and develops basic flood control data
- Inspect and oversee construction of bridges, buildings, dams, highways, and other public works projects to ensure that procedures and materials comply with plans and specifications
- Prepare various engineering reports, documents, and correspondence
- Receive and investigate inquiries from property owner, citizen and public officials

Operations Support

Location: Mercer County

Operations Support is responsible for providing engineering and operations support to the Department, preparing and promulgating direction pertinent to roadway and bridge engineering and operations, providing emergency response to roadway and bridge emergencies to address health and safety hazards on the highway transportation system, maintaining and operating movable bridges and tunnel systems in accordance with State and Federal regulations, managing the Department's fleet of vehicles and equipment.

The Bureau of Bridge and Roadway Maintenance Engineering and Operations, within the Division of Operations Support, performs engineering design, construction and inspection work to maintain our highway pavement and riding surfaces. Maintenance engineering responsibilities for this Unit include, but are not limited to, resurfacing projects, pavement preservation projects, drainage repair projects, storm water management projects, hot mix asphalt repair, guiderail repair and replacement, and other on - call regional repair projects. Work within this unit is complex and includes design, construction, and inspection activities that are critical during times when emergency response is paramount.

REQUIREMENTS

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: <http://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 Civil 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

Applying to Multiple Positions: If applying to multiple opportunities, only **ONE** application packet need be submitted. In your letter of interest, include a list of all the posting numbers you are interested in (example: 19 - 00031, 19 - 0032, 19 - 00040).

Once we review your application, if you are found to be eligible for this position, we will provide you with a Preference Form so that you can specify which specific units within each Division you would like to be considered for. The Preference Form will serve as the official record of which positions NJDOT will consider you for.

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