



NEW JERSEY DEPARTMENT OF TRANSPORTATION
Public Posting

POSTING #: 24-00360

TITLE: Engineering Technician Apprentice

ISSUE DATE: 11/8/2024

TITLE CODE: 10119

CLOSING DATE: 11/29/2024

DIVISION: Capital Program Management

LOCATION: Ewing

UNIT: Railroad Safety Unit

RANGE: A13

SALARY: \$43,620.21-\$49,445.58

WORK WEEK: 40 Hours

The New Jersey Department of Transportation (NJDOT) is accepting applications for candidates interested in the position of **Engineering Technician Apprentice** within the Division of Capital Program Management (CPM), Railroad Safety Unit. Engineering Technician Apprentices are assigned a 40 - hour work week. Upon successful completion of the twenty - four (24) month apprenticeship program, appointees will be eligible for advancement to the title of Engineering Technician 1.

The Railroad Safety Unit is responsible for inspecting, investigating, and identifying railroad and light rail at - grade crossing problems and deficiencies to determine the appropriate warning devices and treatments (such as lights, gates, signs, and pavement markings) and surface upgrades required for all public at - grade crossings, both passenger and freight, within the state. The Unit facilitates the planning, development, and construction of safety enhancements at all public at - grade crossings statewide. This includes reviewing and providing recommendations for projects initiated by the Unit, Capital Program Management, Local Aid, and developers that impact at - grade crossings. The Unit implements guidelines and regulations set forth by the Federal Railroad Administration and the Federal Highway Administration to establish safe at - grade crossings.

Apprentice will learn to:

- Assist the lead Engineer/Engineering Tech to provide oversight on construction supervision & inspection of railroad crossing (RRX) installations & removals
- Assist the lead Engineer/Engineering Tech with the compliance with NJDOT and manufacturer procedures & specifications
- Assist the lead Engineer/Engineering Tech to address issues that arise during construction, provide clear direction for the necessary action to be taken
- Attend Pre - Construction meetings.
- Maintain the Crossing Inventory Management System Database
- Assist the lead Engineer/Engineering Tech with conducting Safety and Final Inspections as directed
- Assist supervisors with the various administrative needs and duties
- Assist the lead Engineer/Engineering Tech with Complaint Investigation or Special Inspection assignments; RRX Traffic Counts & Observations; Plan Review
- Assist the lead Engineer/Engineering Tech with Review Traffic Control and Detour Design and Implementation for site specific situations
- Assist the lead Engineer/Engineering Tech with coordinating and directing contractors, ensure all equipment/signs are installed properly
- Keep accurate daily records of manpower, materials, equipment & the construction work completed

Preferred Qualities/Skills/Experience:

- General construction knowledge
- Effective communication and writing skills
- Microsoft product knowledge

REQUIREMENTS

Education: High School Diploma and satisfactory completion of high school level courses in basic mathematics which shall have included completion of courses in Geometry and Algebra levels 1 and 2.

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 program, F1 or H1B work authorization visas.

Residency: All persons newly hired on or after September 1, 2011 have one year from the date of employment 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 (L.2011, Chapter 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 High School Transcript to verify completion of Geometry, Algebra 1 and Algebra 2 courses**

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.

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

IMPORTANT NOTES

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.

New Jersey Is An Equal Opportunity Employer