



**NEW JERSEY DEPARTMENT OF TRANSPORTATION  
Public Posting**

**POSTING #:** 24-00335

**TITLE:** Environmental Engineer Trainee

**ISSUE DATE:** 10/4/2024

**TITLE CODE:** 54247

**CLOSING DATE:** 10/25/2024

**DIVISION:** Capital Program Management

**LOCATION:** Ewing

**UNIT:** Office of Hydrology and Hydraulics

**RANGE:** P95

**SALARY:** \$64,632.84-\$67,234.22

**WORK WEEK:** NE

The New Jersey Department of Transportation (NJDOT) is seeking candidates for the position of **Environmental Engineer Trainee** for the Office of Hydrology and Hydraulics under the Division of Capital Program Management within the New Jersey Department of Transportation. The Office of Hydrology and Hydraulics (OHH) is responsible for ensuring that the Capital Program construction projects are in compliance with applicable State and Federal stormwater management and Flood Hazard Area regulations, with the drainage requirements in the NJDOT Roadway Design manual, and with the engineering standards in the Soil Erosion and Sediment Control standards. These services include the preparation and review of engineering reports demonstrating compliance with NJDEP regulations. This office also reviews development projects along the State roadways to prevent adverse impacts to the roadway drainage.

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.

If you previously applied for posting 24 - 00256, no need to reapply.

**Duties include:**

- Preparation and review of engineering reports demonstrating compliance with NJDEP regulations;
- Review of hydrologic analyses calculations using HydroCAD, PondPack and other software utilizing NRCS runoff methodology and routing;
- Review of hydraulic analyses using HEC - RAS or Surface Modeling System SRH - 2D;
- Review of drainage analysis including drainage areas, Manning's values, and rainfall intensity.
- Review of plans for compliance with applicable regulation, the Roadway Design Manual, and the NJDOT Soil Erosion and Sediment Control Manual; and
- Providing input to scopes of work, project work plans, budgets, and schedules associated with drainage, flooding, and regulations.

## REQUIREMENTS

### EDUCATION:

Graduation from an accredited college or university with a Bachelor's degree in Civil, Chemical, Mechanical, Environmental, Ocean, Coastal, Bio - Resource, Biomedical, Sanitary, Industrial, Agricultural, or Mining Engineering, or other field of engineering related to the environment.

**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 must be in Chemical, Civil, Environmental, Industrial & Systems, Mechanical, or other disciplines.

**LICENSE:**Appointees will be required to possess a driver's license valid in New Jersey only if the operation of a vehicle, rather than employee mobility, is necessary to perform the essential duties of the position.

For more information regarding this position, please refer to: <http://info.csc.state.nj.us/jobspec/54247.htm>

**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 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.nj.gov/transportation/careers/indexhr.shtml>**

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

### 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.

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

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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](mailto: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.

**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

**New Jersey Is An Equal Opportunity Employer**