



**NEW JERSEY DEPARTMENT OF TRANSPORTATION
Temporary Employee Services**

POSTING #: 22-00396

TITLE: Temporary Employee Services (TES)- Geologist

ISSUE DATE: 12/23/2022

TITLE CODE:

CLOSING DATE: 1/31/2023

DIVISION: Capital Program Management

LOCATION: Ewing

UNIT: Bridge Engineering & Infrastructure Management

SALARY: \$22 per hour

POSITION: 1

The New Jersey Department of Transportation (NJDOT) is seeking currently enrolled college students who are interested in hourly employment opportunities this upcoming summer.

As the State's Department of Transportation, the NJDOT plans, designs, builds, and maintains New Jersey's transportation network. The Department is now offering hourly positions that will allow students to work on an hourly basis in the summer of 2023 (between May and August). Hours of work will be determined by the hiring unit, but will not exceed 40 hours per week. It should be noted that the position does not offer a benefits package.

Division Description:

The Division of Bridge Engineering & Infrastructure Management plans, organizes, oversees, and implements the various work programs in the offices of Structural Design & Geotechnical Engineering, Structural Evaluation & Bridge Management, and Structural & Railroad Engineering Services. This Division is also responsible for implementing and maintaining comprehensive management systems to preserve and improve the transportation infrastructure of New Jersey's highway network. These management systems include bridge, geotechnical and highway railroad crossings. In addition, this Division is responsible for the safety inspection of all bridges, railroad crossings, state - owned sign structures, minor bridges, culverts, dams, and tunnels in New Jersey.

Unit Description:

The Engineering Geology Section is responsible for oversight of all matters related to Engineering Geology, Rock Mechanics, and Geotechnical Subsurface Exploration on all NJ Department of Transportation (NJDOT) projects. The section designs and reviews rock mechanic designs for all projects and provides construction engineering services for rockfall mitigation projects and rock related construction activities on all NJDOT projects. In addition, it oversees all geological/geophysical studies and geotechnical subsurface explorations conducted for NJ highway projects. The Engineering Geology Section maintains a Rockfall Hazard Management System for all highway rock cuts on NJ State and Interstate highways and responds to emergency rockfall events. The Section also maintains the Geotechnical Data Management System of all gathered subsurface information and provides internet access to said data.

Position Description: Geologist

Duties of Position:

- Assist in field monitoring of subsurface exploration for geotechnical & geology - related projects
- Assist in documentation review of subsurface exploration programs and contract submissions for geotechnical & geology - related projects
- Assist in field monitoring of construction activities on rockfall mitigation projects including drilling, excavation, and blasting
- Assist in gathering of field data in support of the Rockfall Hazard Management System (RHMS) to prioritize rockfall mitigation projects
- Assist in gathering field data in support of maintaining the Geotechnical Data Management System

Preferred Skills:

- Proficient in Microsoft Office applications
- Basic technical writing skills
- Geology field skills (field measurements, rock & soil identification, scientific notation, etc.)

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.

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 instructions can be found at link above)
- Letter of interest
- Current resume
- Copy of unofficial transcript OR foreign degree evaluation
- Letter of recommendation from a previous employer or college professor

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 NJDOT employees are not eligible for this opportunity.

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