



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

**POSTING #:** 22-00398

**TITLE:** Temporary Employee Services (TES)- Structural Design

**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:** 3

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 Structural Value Solutions (SVS) Unit provides necessary support to Project Scope Development in the determination of a project's final scope of work and conducts Quality Assurance reviews on all capital projects throughout the design process. The SVS unit also reviews and recommends approvals for all Design Exceptions for bridge clearances and reviews Value Engineering (VE) construction proposals for all capital projects. This unit provides necessary support when requested to Project Management, Construction, and Operations in the resolution of field problems on construction projects.

**Position Description:**

Civil Engineer w/emphasis on Structural Design/Engineering

**Duties of Position:**

- Assist in providing necessary support to Capital Program Management (CPM) project scope development in the determination of a project's final scope of work.
- Assist in performing Structural Quality Assurance and Conceptual reviews on all CPM, TOS&S, Emergency and Local Aid projects throughout the design and construction processes.
- Assist in reviewing and evaluating structural related design exceptions and waivers.
- Assist in reviewing and evaluating Value Engineering (VE) construction and design proposals for all capital projects.
- Assist in providing necessary support to Project Management, Construction Services, and Operations on all projects.
- Assist in conducting field investigations of assigned projects as required.

**Preferred Skills:**

- Strong written and verbal communication skills.
- Understanding of structural engineering concepts.
- Ability to read and understand structural plans and drawings.
- Technical background having taken most of the coursework required to design structures using steel and concrete.
- Skills in AutoCAD are desirable but not required.
- Organization and communication skills desired.
- Ability to multi - task and work with multiple clients and on multiple projects.
- Ability to think through problems, break down tasks, and prioritize work.
- Physically able to visit construction sites, meet with architects and contractors, and be able to spend 5 - 10% of the week outside the office.

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**