

Who we are:

The Tennessee Department of Transportation provides citizens of Tennessee and travelers with one of the best transportation systems in the country. TDOT is a multimodal agency with responsibilities in building and maintaining roads, aviation, public transit, waterways, railroads, cycling and walking. Our involvement ranges from airport improvements to funding transit buses to planning for river ports.

The Department of Transportation has close to 4,000 employees statewide with regional facilities in Knoxville, Chattanooga, Nashville and Jackson. TDOT's headquarters is located in downtown Nashville

What the Division does:

The Roadway Design Office is responsible providing guidance and oversight for TDOT personnel by establishing roadway design criteria, maintaining and developing roadway design standards and training manuals, ensuring roadway plans meet the state and federal policies as well as the targeted quality assurance and compliance standards.

For more information on this division, please see link below:

<https://www.tn.gov/tdot/about/tdot-organizational-charts/org-chart-region.html>



Civil Engineering Intern
Region 1 Design Office
Location: Knoxville, TN
Compensation: \$20.00/hourly

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Design Office, located in Knoxville, TN. These interns will be assigned an existing TDOT design project. The intern will become familiar with the project and will assist in its development. They will work with design staff to learn about elements of design (horizontal & vertical alignment, super-elevation, cross-sections, drainage, etc.) as well as learn either MicroStation & GeoPak or ORD (depending on which project they are assigned). All projects go through Initial Studies, Right-of-Way, and Construction phase. Depending on the assigned project, the intern will assist in completing the current phase and work towards the project's final submittal.

Responsibilities

- Design a roadway project and develop roadway plan sets using CADD software, reviewing TDOT manuals and reference
- Review project planning document and project status.
- Calculate super-elevation and develop cross-sections for the project.
- Determine next project milestone and required deliverables.
- Use resources along with supervisor's assistance to develop a design for the alignments, profiles, cross sections, drainage, guardrails, slope limits etc.
- Use the CADD software to layout the design and develop a set of plans.
- Attend Field Review or other project related meetings if milestones are met.

Minimum Qualifications

- Civil Engineering major required.
- Junior, or Senior Class Status required as of May 2023 OR recent Graduate as of Spring 2022.
- Familiarity with foundational transportation engineering concepts.
- Familiarity with Microsoft Office, MicroStation/Geopak, and CADD Software
- Legally authorized to work in the U.S.

To be considered for this position, please apply via [SurveyMonkey](#).

Please attach a two (2) page maximum résumé and a transcript to your application.

Applicants will be required to provide an academic portfolio showcasing academic achievements, experience, and knowledge.

Pursuant to the State of Tennessee's Workplace Discrimination and Harassment policy, the State is firmly committed to the principle of fair and equal employment opportunities for its citizens and strives to protect the rights and opportunities of all people to seek, obtain, and hold employment without being subjected to illegal discrimination and harassment in the workplace. It is the State's policy to provide an environment free of discrimination and harassment of an individual because of that person's race, color, national origin, age (40 and over), sex, pregnancy, religion, creed, disability, veteran's status or any other category protected by state and/or federal civil rights laws.