

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 more than 3,400 employees statewide with regional facilities in Knoxville, Chattanooga, Nashville and Jackson. TDOT's headquarters is located in downtown Nashville.

What we do:

The Geodetics Office is responsible for developing, implementing, and maintaining statewide policy, standards, specifications, and direction that promote uniformity and consistency across the Department. Other responsibilities include researching and implementing emerging technology and providing technical guidance; providing training, staff development, and support to Region Geodetics and other TDOT Divisions; delivery of aerial surveys and state-wide base mapping; management of the CORS network and other Geodetics systems; and collaboration with internal and external partners.

For more information on this division, please see link below:
<https://www.tn.gov/content/tn/tdot/find-local->



TDOT Intern

Region 1 Geodetics

Location: Knoxville, TN

Compensation: \$20.00/hourly

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Region 1 Geodetics office located in Knoxville, TN. The geodetics intern will be working on multiple TDOT projects that will include both office and field work. These field portion of these projects will include traditional surveys utilizing GPS equipment and total stations, as well as nonconventional surveys methods such as terrestrial LiDAR scanning and aerial surveys utilizing unmanned aircraft. The intern will work with specialists and supervisors to develop a further understanding of the overall function of Survey within Project Development.

Responsibilities

- Work with a field crew performing location surveying using total station and real-time kinematic GPS equipment, setting project control, and staking proposed ROW and Geotechnical boring locations.
- Install monuments and gather static GNSS data in field with survey crew according to prescribed TDOT data collection methods.
- Complete hands-on training using total station, GNSS equipment, digital levels, and other survey equipment and software.
- Setup ground control points, perform additional information requests for the Project Development department, and complete staking requests for our Geotech and ROW departments.
- Learn to use control points, LIDAR scanner, MicroStation / ORD, and UAS Drone
- Use the data collected in the field by themselves and other team members to create survey files that will be turned in to the appropriate teams.
- Review TDOT Survey Manual and TDOT Feature Codes

Qualifications

- Civil Engineering, or land survey major required.
- Junior, or Senior Class Status required as of May 2024 OR recent Graduate as of Spring 2023.
- Legally authorized to work in the U.S.
- Experience with CAD software, map and/or plan reading experience preferred.

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.