

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 Survey Office performs surveys for the Design, Construction, Maintenance, Right of Way and Geotechnical Divisions of TDOT. The Survey office provides all the necessary survey information required to design new roadway projects including topographic features, digital terrain models, utilities and drainage structures, sets and determines coordinates on GNSS control points to be used on all regional projects, and stakes Geotechnical borehole points, existing right of way, and proposed right of way for our Right of Way and Geotechnical Divisions.

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 Survey Office

Locations: Johnson City & Knoxville, TN

Compensation: \$20.00/hourly

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Survey Offices located in Johnson City and Knoxville, TN. The survey interns will be working on multiple TDOT survey projects that will include both office and field work. The field portion of these projects will include traditional surveys utilizing GPS equipment and total stations as well as nonconventional surveys methods. These methods include terrestrial LiDAR scanning and aerial surveys utilizing unmanned aircraft. In addition, the intern will also assist in setting new ground control points, perform additional information requests for the Project Development department, and complete staking requests for our Geotech and/or ROW departments. Upon completion of the field portion of the internship, the intern will 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. This will range from computing control values on newly installed ground control points for use by the survey teams to full surveys to be utilized in design for project planning and construction.

Responsibilities

- Participate in field surveys by collecting field data gathering from GPS Static Surveys, Utility Location Surveys, Scanning Surveys, LiDAR Surveys, and Drone Surveys.
- Collecting ground and topographic features in the field with conventional GPS equipment, total stations, LiDAR scanners and drone photography.
- Establish ground control for new projects and installing informational stakes for other departments.
- Perform data processing operations and compiling this data into working plan sets to be used by the design and construction departments.
- Assist the office specialist in developing survey DGN files within Open Roads Designer (ORD).

Qualifications

- Civil Engineering, or surveying major required.
- Junior, or Senior Class Status required as of May 2023 OR recent Graduate as of Spring 2022.
- Legally authorized to work in the U.S.
- Familiarity with Microsoft Excel, AutoCAD, and MicroStation software 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.