

## 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>



### TDOT Intern

Region 1 Project Development - Survey

Locations: Knoxville & Johnson City, TN

Compensation: \$16.00/hourly

### Overview

The Tennessee Department of Transportation is currently hiring student interns for the Survey Offices located in Knoxville and Johnson City, TN. The survey interns will learn how to collect survey data in the field to build a 3-D terrain model for performing design activities. The Survey interns will learn how to properly locate underground and overhead utilities with the technology currently used in the industry today. In addition, to the 3-D survey elements, the survey interns will also learn how to research and verify the location of legal boundaries including ROW, property lines, water boundary rights and easements.

### Responsibilities

- Participate in field surveys by collecting field data gathering from GPS Static Surveys, Utility Location Surveys, Scanning Surveys, LiDAR Surveys, and Drone Surveys.
- Process field data using Utility Location Data Processing, MicroStation (Geopak), Spectra Software, etc.
- Learn how to set up GPS and Total Station Equipment for Static and RTK surveys.
- Assist in the field data collection for the utility (the selected intern will be shown what/where to survey the needed utilities) and stake-out surveys to be completed.
- Visit courthouses to perform the research necessary to identify legal boundaries.
- Learn to identify relevant field information needed for Location projects as well as assignments involving Right-of-Way, or Geotechnical staking.
- Conduct computer drafting using MicroStation and Geopak to build the existing layout for the transportation project.

### Qualifications

- Civil Engineering major preferred.
- Junior, or Senior Class Status required as of May 2021 OR recent Graduate as of Spring 2020.
- Legally authorized to work in the U.S.
- Familiarity with Microsoft Excel, AutoCAD, and MicroStation software preferred.

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

**Selected candidates will be required to provide two letters of reference (professional, or personal).**

*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.*