

## 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 Headquarters Division of Materials and Tests monitors the quality and performance of TDOT's highway network by performing field evaluations, conducting production facility reviews, performing laboratory tests, and analyzing a variety of data. The division coordinates pavement and materials research projects and maintains the department's Qualified Products List

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

<https://www.tn.gov/tdot/materials-and-tests.html>



**TDOT Intern**  
**Materials & Tests Division –**  
**Geo-technical Section**  
Location: Knoxville, TN  
Compensation: \$21.00/hourly

### Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Headquarters Geo-technical section of the Materials and Tests Division, located in Knoxville, TN. The Geotech intern will have an opportunity to delve deep into anchor and soil nail installation to help develop a TDOT anchor manual to train the construction inspectors. Within the CNX074 Alcoa Hwy at Cherokee project there are multiple soil nail walls, anchors for a soldier pile wall, and a large area that will be covered in rock bolts. There are many details to track and installation methods to monitor. The intern will be working closely with the Construction office to aid in development of tracking sheets and training materials. By the end of the summer, the intern will have created a clear training manual to distribute to the Construction Teams to aid with anchor and soil nail installation tracking.

### Responsibilities

- Work in Excel to build on the existing tracking spreadsheets to aid construction with installation details.
- Develop a training manual for Construction personnel to understand the importance high points of anchors and the importance of tracking the data.
- Research how soil nails and anchors work.
- Research extensively about soil nail walls and anchors.
- Work with geofoam wall installation, geohazards, and slide repair.

### Minimum Qualifications

- Civil Engineering or Geology major required.
- Junior, or Senior Class Status required as of May 2025 OR recent Graduate as of Spring 2024.
- Legally authorized to work in the U.S.
- Comfortable working outdoors, attention to detail, and an interest in geology, or geotechnical engineering preferred.
- Communication, teamwork, punctuality, critical thinking, organization, planning, problem solving, fast learner, and Microsoft Office Suite preferred.

To be considered for this position, please visit the [TDOT Summer Internship Program](#) website and submit an application.

**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.*