

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

## What the Division does:

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 – Field Services

Location: Knoxville, TN  
Compensation: \$21.00/hourly

## Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Field Services section of the Materials & Tests division, located in Knoxville, TN. The primary focus of this internship is to learn and understand the sampling and testing procedures for roadway construction material both in a lab setting and in the field. The intern will learn the basic sampling and testing methods for aggregate, asphalt, and concrete. They will spend several weeks performing precast and prestress inspections. Also, the intern will assist in performing field testing with the LTL-M Reflectometer for striping and the profiler for road smoothness. If time allows the intern will perform a study on the reflectivity results versus aging on both thermoplastic and paint striping lines.

## Responsibilities

- Learn procedures for sampling materials and safety in using lab equipment.
- Download test data and complete the striping reports for each completed route/county.
- Perform concrete testing.
- Perform aggregate gradations on several coarse and fine aggregates and perform a rock/dirt proctor (AASHTO T11, T27, and T99) on material received in the lab.
- Complete reflectometer testing on the Regional Performance Based Striping contracts.
- Work with construction materials, gather field samples, perform tests, and report results.

## Minimum Qualifications

- Civil Engineering or Engineering 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.
- Interest in construction materials such as aggregate, concrete and asphalt, and desire to learn testing methods in a lab setting and in the field.

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.*