

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 4,000 employees statewide with regional facilities in Knoxville, Chattanooga, Nashville and Jackson. TDOT's headquarters is located in downtown Nashville.

What we do:

The Region 4 Materials and Tests Division monitors the quality and performance of West TN's highway network by performing field evaluations, conducting production facility reviews, performing laboratory tests, and analyzing a variety of data.

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

<https://www.tn.gov/content/tn/tdot/find-local-information.html>



Civil Engineering Intern Region 4 Materials & Tests Location: Jackson, TN Compensation: \$20.00/hourly

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Region 4 Materials and Tests division located in Jackson, TN. The Materials intern will work on numerous lab activities of various types to learn the basics of Materials and Tests at TDOT, including, asphalt mix design acceptance and verification, alternate treatment projects, concrete testing, and soils & aggregate testing. The intern will also learn the specifications, supplemental specifications, standard operating procedures, test methods etc. for testing numerous materials in our lab.

Responsibilities

- Perform several tests including, Rice gravities, Marshall pills, TSR pills, burnouts, gradations, etc.
- Enter data from tests into spreadsheets
- Check spreadsheets next to contractor mix designs ensuring data is within accepted parameters
- Compile all data into a report to be sent out to other departments and contractors
- Run proctors on Soils and aggregates to determine optimum moisture and density
- Run gradations on soils and aggregates to classify them for certain uses on a project
- Compile data onto a report to be sent out for contractor and other departments use
- Assist on core drill operations to retrieve samples by determining the type of mix and condition of existing asphalt.
- Test samples in the lab for various things for use on a mix design

Qualifications

- Civil Engineering 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.
- Completion of engineering materials coursework preferred.

To be considered for these positions, 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.