

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 - Pavement

Location: Nashville, TN

Compensation: \$21.00/hourly

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Pavement section of the Headquarters Materials & Tests division, located in Nashville, TN. This intern will have a primary responsibility of assisting on various projects related to pavement evaluation. Responsibilities will include pavement design, Resurfacing Program, Friction Testing, Roadway Profiler, and working in the Materials Laboratory. Daily tasks will be assigned such as: processing data and creating reports for profiling data, coring operations and related laboratory activities, and miscellaneous data collection/processing in Excel. When not performing pavement evaluation duties, the intern will also perform work with our concrete and aggregate section. These tasks include concrete plant audits, mix design reviews, and assisting with research activities.

Responsibilities

The HQ M&T intern will have a primary responsibility of assisting on various projects related to pavement evaluation, materials laboratories, and concrete and aggregate.

- Core Projects: Assist in retrieving/labeling cores, record field data, complete laboratory testing (if applicable), assist in forming a final report.
- Laboratory Testing: An introduction to various asphalt tests. Read and follow national standards to test asphalt material.
- Concrete Section: Assist in the verification of mix designs. Perform precast concrete plant audits.
- Pavement Design: Assist with gathering the required information (Geotech Report, Traffic Data) to draft a pavement design.
- Resurfacing Program: Assist with windshield surveys to help in surface treatment type selection.

Minimum Qualifications

- Civil Engineering, Construction Management, Concrete Management, Project Management 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.
- Familiarity with Microsoft Excel, AASHTO and/or ASTM specifications, laboratory experience, and general knowledge of soils/aggregate/asphalt 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.