

Who we are:

Transportation is so basic that many of us overlook its overwhelming importance in our daily lives. Practically everything used in our homes, offices, or schools across Tennessee – from furniture to food items to clothing – requires a large and complex transportation network. 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 approximately 3,500 employees with four statewide region facilities in Knoxville, Chattanooga, Nashville, and Jackson.



TDOT Intern
HQ Traffic Operations Division
Location: Nashville, TN
Compensation: \$22.00/hourly

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Headquarters Traffic Operations division located in downtown Nashville, TN. This section will be hiring two interns to support Intelligent Transportation Systems (ITS) and Transportation Systems Management and Operations (TSMO) initiatives. One intern will work to analyze the current performance and lifecycle of ITS devices, as well as the maintenance costs associated with each. This analysis will allow collaboration with the TSMO team to identify device and regional trends and make recommendations on overall device performance. The other intern will review TDOT specifications, standard drawings, and construction notes related to ITS and compare them to FHWA guidelines, other states' practices, and industry best standards. This effort will enable collaboration with the TSMO team and the Traffic Operations Division to identify gaps and provide recommendations for next steps.

Responsibilities

- Work alongside ITS deployment and TSMO staff to learn about ITS functions at TDOT, including data management and maintenance management.
- Utilize data sets from the ITS Fiber Deployment Plan to expand information on product type, BABA compliance, and average monthly maintenance costs.
- Analyze collected data to evaluate overall performance of technologies and manufacturers and identify trends.
- Review ITS specifications, standards, and the Qualified Products List (QPL) to assess compliance with federal guidelines and industry best practices.
- Develop research-based recommendations and propose next steps for implementation based on findings.

Minimum Qualifications

- Civil engineering major required
- Junior, or Senior Class Status required as of May 2026 OR recent Graduate as of Spring 2025.
- Legally authorized to work in the U.S.
- Data Analysis, GIS familiarity, Plans reading, Research, and Technical Writing skills 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.

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.