

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 Traffic Office is responsible for monitoring and reporting on Tennessee's transportation system, overseeing the Traffic Management Center (TMC), preparing traffic signal, roadway lighting, and roadway signage designs, and performing traffic engineering studies (including traffic simulation and analysis).

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

<https://www.tn.gov/tdot/about/tdot-organizational-charts/org-chart-region.html>



TDOT Intern

Region 1 Traffic Office

Location: Knoxville, TN

Compensation: \$16.00/hourly

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Traffic Office, located in Knoxville, TN. These interns will apply transportation engineering principles and techniques to improve the quality, operations and safety of Tennessee State roadways. The Traffic interns will become familiar with several traffic engineering principles and studies including crash and safety studies. The Traffic interns also complete a bi-weekly report and will given guidance on writing and communication skills. While completing assignments these interns will interact with engineering and technical staff and become familiar with Geometric Design, MUTCD, Highway Capacity Manual and other Traffic Engineering related software like synchro and Arc GIS.

Responsibilities

- Perform traffic studies such as speed studies, turning movement counts, signal warrant analysis studies, and crash & safety studies.
- Reviewing traffic control plans.
- Reviewing site development plans.
- Develop conceptual plans for retrofits to existing geometry to address concerns.
- Conduct and compile speed studies and minimum Passing Lane/Taper Lengths for improved roadway design, sight distance evaluations of intersections, and traffic count studies.
- Develop conceptual plans for retrofits to existing geometry to address concerns.
- Use MicroStation software for conceptual design.

Minimum Qualifications

- Civil Engineering major required.
- Junior, or Senior Class Status required as of May 2021 OR recent Graduate as of Spring 2020.
- Legally authorized to work in the U.S.
- Good Communication skills, desire to work on a team, and critical thinking skill.
- Familiarity with foundational transportation engineering concepts.

Please attach a two (2) page maximum résumé and a transcript to your application.

Selected candidates will be required to provide two letters of reference (professional, or personal).

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.