

## Who we are:

TDOT is a multimodal agency with responsibilities in aviation, public transit, waterways, railroads, and cycling and walking. Our involvement ranges from airport improvements to funding transit buses to planning for river ports.

The Department of Transportation (TDOT) has close to 3,500 employees statewide with regional facilities in Knoxville, Chattanooga, Nashville, and Jackson. TDOT's headquarters is located in downtown Nashville.

## What we do:

The Tennessee Department of Transportation (TDOT) provides citizens and travelers of Tennessee with one of the best transportation systems in the country.

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

[Traffic Operations Division \(tn.gov\)](https://www.tn.gov/traffic-operations)



## Graduate Transportation Associate

Compensation: \$4,500.00/month

### Overview

The Tennessee Department of Transportation is currently hiring a full-time **Graduate Transportation Associate** for the **Traffic Division's, Traffic Engineering Office** located at the TDOT headquarters in Davidson county.

The Traffic Engineering Office provides guidance and direction to improve highway safety and traffic operation along Tennessee's roadways. The office participates with other agencies in the coordination of educational activities, enforcement and regulatory measures, and engineering solutions to promote and emphasize roadway safety and operational efficiency.

### Responsibilities

- Reports to our Traffic Engineering Office.
- Design of signal and lighting design projects.
- Applying knowledge of AASHTO Policy on Geometric Design of Highways and Streets, Manual on Uniform Traffic Control Devices (MUTCD), Highway Capacity Manual (HCM), and ITE's Traffic Engineering Handbook and Trip Generation.
- Using MicroStation, ArcGIS, Synchro, and Highway Capacity Software.
- Reviewing TDOT projects for compliance for standards including components critical to signal and lighting designs, signs and markings, impacts to traffic capacity and safety and other TSMO strategies.
- Reviewing TDOT projects for compliance for standards including signs and markings, impacts to traffic capacity and safety and opportunities to incorporate TSMO strategies.
- Statewide travel may be required to attend meetings, training sessions, and other related events as needed and out of state travel may be required occasionally for training or research.

### Minimum Qualifications

- Education equivalent to graduation from an accredited college or university with a bachelor's degree in Civil Engineering
- Must pass the National Council of Examiners for Engineering and Surveying (NCEES) eight-hour Fundamentals of Engineering (FE) Examination within 11 months of starting employment with TDOT
- Legally Authorized to work in the U.S.

**Applications must be submitted online to be considered for the position.**

**Interested applications should apply online at:**

<https://www.tn.gov/tdot/human-resources-home/tdot-careers.html>

Questions? Email [TDOT.Careers@tn.gov](mailto:TDOT.Careers@tn.gov)

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.