

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 4,100 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:

<https://www.tn.gov/tdot/traffic-operations-division.html>



Transportation Project Specialists (4 Positions)

TDOT Traffic Operations Division

Location: Nashville, TN

Compensation: \$4,091 (min.) to \$6,546 (max.) per month

Overview

The Tennessee Department of Transportation is currently accepting applications for **four (4) full-time Transportation Project Specialists** for the Traffic Operations Division located at the TDOT Headquarters in Nashville, TN, Davidson County. **The positions will be responsible for the following functional areas:**

- Traffic Engineering Signal and Lighting Design (one (1) position)
- Traffic Engineering Policy and Procedures (one (1) position)
- ITS Construction Engineering and Inspection/Deployment (two (2) positions)

The mission of the Division is to improve safety and reliability of Tennessee roadways using technology and operational strategies. In this effort, the positions would be focused in two offices with the following responsibilities:

1. **Traffic Engineering** – design of signal and lighting projects statewide; policy and procedure for compliance with MUTCD, spot safety improvements, access management (i.e. driveway policies and approvals), and performance measurement for traffic metrics.
2. **Intelligent Transportation System (ITS) Design and Deployment** - planning, design, and deployment of ITS projects statewide consisting of technology such as CCTV surveillance cameras, Dynamic Message Signs (DMS), Radar Detection Sensors (RDS) to support the Regional Transportation Management Centers (TMCs)

These four (4) positions are eligible for Alternative Workplace Solutions (AWS). AWS is an effort by state government to change the way many state employees work. This program creates flexibility and promotes a more efficient work environment. Selected candidates will be eligible to work from home up to three (3) days per week and must report to the office or job site a minimum of two (2) days per week.

Responsibilities

Traffic Engineering Signal and Lighting Design

- 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, Vissum, 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.
- 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.

Traffic Engineering Policy and Procedures

- Reports to our Traffic Engineering Office.
- Development of policies, procedures, traffic planning documents, and manuals.
- 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, Vissum, and Highway Capacity Software.
- 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.

ITS Construction Engineering and Inspection / Deployment

- Reports to our ITS Design and Deployment Office
- Attend project related meetings such as kick-offs, field reviews, or development milestone reviews as requested by Manager or Supervisor.
- Support development and/or review of ITS plans to be submitted to Management prior to established turn-in date.
- Support preparation and/or review of ITS Special Provisions to be submitted to Management prior to advertise date.
- Correction of errors and omissions on plans and special provisions.
- Provide requested information and support to the ITS Deployment office to ensure constructed projects meet the design intent.
- Assist in providing information requests from consultants such as electronic files, as-built plans, and other related requests.
- Assist in reviewing invoices.
- Conduct site visits to ITS, State-wide TMCs, or related projects as needed

Minimum Qualifications

- Education equivalent to graduation from an accredited college or university with a bachelor's degree in civil engineering
- Experience equivalent to one (1) year of full-time professional civil engineering work; this may include student assistant or college seasonal civil engineering work with the State of Tennessee.
- Candidate must have passed the National Council of Examiners and Surveys' (NCEES) Fundamentals of Engineering exam.
- A valid motor vehicle operator license is required.

OR

- Possession of a master's degree in civil engineering from an accredited college or university
- Candidate must have passed the National Council of Examiners and Surveys' (NCEES) Fundamentals of Engineering exam.
- A valid motor vehicle operator license is required.

Applications must be submitted online in order to be considered for the position. Please submit one application for consideration for any or all four (4) of the positions.

Interested applications should apply online at: <https://www.tn.gov/tdot/human-resources-home/tdot-careers.html>
Select **TRANS PROJ SPECIALIST**

Questions? Email 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.