

Who we are:

TDOT is a multimodal agency with responsibilities in 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 (TDOT) has close to 3,800 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:

Long Range Planning



GIS Technician-INT

Nashville, TN

Annual Compensation: \$42,504 - \$63,600

Overview

The Tennessee Department of Transportation is currently hiring a full-time **GIS Technician-INT** for the Long-Range Planning (LRP) Division's Roadway Data Office located at TDOT Headquarters in Davidson County, TN

The Roadway Data Office (RDO) manages the state's Enhanced Tennessee Roadway Information Management System (E-TRIMS). This is a map-centric, web-based application used to query and display asset information and is used by most divisions of the department as well as authorized members of public and private agencies and institutions. RDO is currently in the process of establishing a local data integration program (LDIP), with the goal of streamlining functional class and local roadway updates. This new program will ensure a more current, accurate, robust, and complete state network on the E-TRIMS platform.

Furthermore, LRP is currently transitioning to ESRI's Roads and Highways Linear Referencing System. The transition comes after the Federal Highway Administration's release of the All Roads Network of Linear Referenced Data (ARNOLD) reference manual, and RDO's mission to stay up to date with industry best practices and efficient planning processes.

RDO is seeking qualified professionals with a transportation planning background to complement TDOT's strategic direction in order to further the department's stated goals and values.

Responsibilities

- Utilize Geographic Information Systems (GIS) software to assist RDO with ongoing implementation, maintenance and editing of the state's Linear Referencing System (LRS).
- Support the Planning Supervisor and work directly with other team leads and GIS technicians to assist with primary work functions.
- Assist in the developing and maintaining program documentation, Standard Operating Procedures (SOP); and provide analysis and written summaries to support projects and programs within the Division.
- Assist in the development of workflows for use internally and externally using ESRI Workflow Manager.
- Interpret and apply federal guidance (where applicable) to the management of roadway and systems data. These include MIRE, ARNOLD, HPMS and other federally applicable system data items.
- Participate in regular team meetings and coordinate with other staff to ensure project completion.
- Additional roles and responsibilities may be assigned based on experience and qualifications.

Qualifications

- Proficient in the suite of ESRI's online and Pro desktop products.
- Excellent communication skills.
- Independent and Critical thinker
- Proficiency with Microsoft Office 365 products

Preferred

- Experience with data collection, statistics, ESRI field collection applications, Python, and ESRI Workflow Manager.
- Demonstrated experience working with Linear Referencing Systems, ESRI Roads and Highways experience is a plus.
- Knowledge of transportation planning practices

Applications must be submitted online.

Interested applications should apply online at:

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

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.