

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 Long Range Planning Division is responsible for the planning, development and management of statewide transportation studies and planning tools that help guide the policies and programs of TDOT and its various divisions.

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

<https://www.tn.gov/tdot/long-range-planning-home.html>



TDOT Intern

Long Range Planning Division – Data Management

Location: Nashville, TN

Compensation: \$16.00/hourly

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Headquarters Long Range Planning Division's Data management office, located in Downtown Nashville. These interns will assist with the collection of MIRE (Model Inventory of Roadway Elements) Fundamental Elements. States are required to collect and use these elements "to support enhanced safety analysis and safety investment decision-making." The project goal is to develop and document a collection workflow, extracting the remaining elements from our state network using a combination of ArcGIS Pro/Map and python. These interns will gain hands on experience with ArcGIS and data collection methods while working closely with Long Range Planning staff to research and develop the workflow.

Responsibilities

- Research data collection methodologies and workflows used in other State DOTs.
- Use GIS tools to create complex queries, use geoprocessing tools and scripts.
- Provide analysis and assessment of various data (traffic, pavement, geometry) to improve data quality.
- Work alongside team members to assist in implementing GIS concepts and new workflows for transportation problems handled within the team.
- Assist in applying policy recommendations to the transportation network.

Minimum Qualifications

- Civil Engineering, GIS/Geography, or Urban Planning 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.
- Knowledge and experience with Microsoft Office products, namely Excel, and Python.
- Basic knowledge and experience with geographic information systems, such as ArcGIS preferred.

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.