TN TDOT
Department of Transportation

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).