Civil Engineering Manager 1/ITS Deployment Manager
Traffic Operations Division
Location: Nashville, TN
Compensation: $6,908.00 per month

Overview

The Tennessee Department of Transportation is currently hiring a full-time **ITS Deployment Manager** in the Traffic Operations Division location in Davidson County.

The position is in the Intelligent Transportation Systems (ITS) Office within the Traffic Operations Division. TDOT's ITS program is focused on leveraging existing and emerging technologies to improve the safety and reliability of Tennessee's transportation system. The responsibilities of the ITS office the following:

- Support the management of TDOT's ITS infrastructure
- Design & Deploy ITS Projects to meet the needs of our stakeholders
- Establish ITS Technology Specifications & Standards
- Maintain the Tennessee ITS Architecture
- Support the deployment of locally managed ITS and traffic signal technology projects in Tennessee
- Maintain an ITS Qualified Product List
- Conduct Research & Testing on Emerging Technologies like Connected & Autonomous Vehicles.

Responsibilities

The direct roles and responsibilities of the **ITS Deployment Manager** include the following:

- Support the review of construction contract letting materials such as design plans, specifications and estimates to ensure completeness and adherence to TDOT standards and established guidelines.
- Support the development of ITS projects through activities such as plans review, constructability review, and value engineering evaluations.
- Coordinate through the Traffic Operations Division or Roadway Design offices to ensure the project established deadlines are met.
- Coordinate with regional construction offices to ensure ITS projects receive the necessary and adequate construction engineering and inspection services using in-house or consultant resources.
- Monitor the performance of ITS SmartWay networks to ensure performance metrics are maintained and assets receive necessary maintenance and repair.
- Provide post letting technical support to ongoing ITS deployment to resolve deployment conflicts and ensure deadlines and completion dates are met.
- Lead the process of identifying the technology needs within TDOT to ensure up-to-date ITS technology is available to serve transportation management and operations within TDOT.

Minimum Qualifications

- Bachelors or master's degree in civil engineering or structural engineering

- current registration in active status with the State of Tennessee as a professional engineer in either the civil engineering or structural engineering disciplines. This

must be maintained during employment in the Civil Engineering Manager 1 classification.

- Experience equivalent to three years of full-time work managing and/or supervising professional and technical civil engineering staff involved in the survey, design, or construction of a roadway, runway, or transportation structure

Special skills, knowledge or experience desired
- Extensive knowledge of transportation industry standards and experience in ITS principles, strategies, and implementation.
- Well matured project management and supervisory capabilities. Certification as Project Management Professional (PMP) from the Project Management Institute (PMI) preferred.
- Experience with computer networks and advanced communication technologies
  - Computer programming and network design knowledge preferred
- Extensive knowledge of budgets, accounting principles, and procurement processes; ability to quickly learn TDOT invoice processes and procurement processes; and experience with federal grant requirements
- Technical knowledge of Connected and Automated Vehicle design, deployment, and support

Applications must be submitted online in order to be considered for the position.

Interested applications should apply online at: https://www.tn.gov/tdot/human-resources-home/tdot-careers.html
Select ADMIN SERVICES ASSISTANT 4-041019-175267

Questions? Email TDOT.Careers@tn.gov