

## Who we are:

Transportation is so basic that many of us overlook its overwhelming importance in our daily lives. Practically everything used in our homes, offices, or schools across Tennessee – from furniture to food items to clothing – requires a large and complex transportation network. 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 approximately 3,500 employees with four statewide region facilities in Knoxville, Chattanooga, Nashville, and Jackson. TDOT Aeronautics is located near the John C. Tune Airport in Nashville, TN.



### **Region Geodetics Quality Team Lead** Region Preconstruction - Geodetics \$109,200 annually

#### **Job Overview**

The Region Geodetics Quality Team Lead will lead, mentor, and train the Region Geodetics Quality Team through empowerment, communication, and delegated authority. This position will implement work plans that align with the Region Geodetics Section's strategic vision and will effectively delegate authority and responsibility, when applicable, while providing the resources needed for the Region Geodetics Quality Team to be successful.

This position will implement department policies, discipline-specific technical guidance, procedures, and manuals to lead and assist the Region Geodetics Quality Team in producing deliverables and implementing the Geodetics Quality Assurance Plan that focus on ensuring quality, minimizing variability, and providing flexibility on a risk-based scale to maximize efficiency as part of the Department's Work Program. The Region Geodetics Quality Team Lead will supervise technical staff and implement performance plans, schedules, and budgets, ensuring expected outcomes, performance, and accountability of each team member. The Region Geodetics Quality Team Lead will pilot national best practices within the Region Geodetics Quality Team and will report and recommend ideas that drive innovation and efficiency.

#### **Essential Job Responsibilities**

Manage resources and staff utilization and assist Project Managers in the management of external partners together with the Professional Services Division, including the negotiation of contracts, review of consultant invoicing, development of contract scopes, management of contract tasks, and completion of consultant grading.

Establish and ensure that there is a direct relationship between quality and work outcomes by implementing standards for the Region Geodetics Section and coordinate with the Statewide Geodetic Quality Engineer in assisting with quality control tasks as per the TDOT Quality Assurance Process with respect to geodetic elements. Coordinate with Unmanned Aircraft Systems (UAS) group for the use of UAS within Geodetics and best practices regarding quality deliverables with UAS technology.

Assist in the development of a Consultant Acquisition Plan (CAP) and assist in the oversight of external partners by serving on selection committees for professional engineering and non-engineering services, including assisting with RFP development, attending project-specific marketing meetings, assisting with determining scoring criteria, assisting with project information sessions, when applicable, serving as a

scorer as part of the consultant acquisition process, and attending de-briefs with consultants, including those projects for which Alternative Delivery methods are applied.

Manage change by serving as the bridge between executive direction and the envisioned change, clarifying the vision, taking ownership of the change, communicating effectively, remaining transparent, and holding yourself and others accountable throughout the process as part of the Region Geodetics Quality Team.

Serve on Project Teams as part of a matrix organization in developing the project vision for those projects having the highest complexity; define critical goals and intended outcomes for the scope, schedule, budget, and quality in coordination with the Project Manager related to Region Geodetics; support Project Management staff by writing the Geodetics Scope of Work in collaboration with TDOT Roadway, TDOT Environment, TDOT Maintenance, and TDOT Construction; apply context-sensitive survey data collection methodologies per the TDOT Survey Standards Manual; effectively coordinate with other disciplines within TDOT to address all potential survey needs as part of the Functional Design Plans development per the Project Delivery Network (PDN); and proactively assess risk factors related to legal aspects, public relations and safety related to Geodetics tasks.

Lead the Region Geodetics Quality Team in providing exceptional customer service to both internal and external customers, exercising effective listening skills, providing prompt responses, maintaining complete and accurate documentation, provide training and guidance, and communicating effectively.

Remain current on revisions to the design codes, standards, and guidelines related to geodetics; maintain collaboration with the transportation industry to enhance the work of preconstruction teams through the implementation of new technologies and national best practices; and implement policies and procedures related to geodetics. Collaborate on innovative strategies used as best practices for statewide quality assurance needs.

Implement the Division's tracking mechanism that ensures all workflow items are addressed as per the PDN and within the time constraints laid out by the project's schedule and maintain a single-point data system for use in providing TDOT staff with geodetics data for the Region.

Assist in ensuring the Geodetics deliverables are consistent, predictable, and repeatable to provide for consistently high levels of achievement, mitigation of risk, and an established track record of success.

### **Qualifications**

- Bachelor's degree in Civil Engineering
- Licensed Professional Engineer (PE)
- 5 years of demonstrated competency in geodetics, civil engineering, or data analytics

### **Ideal Candidate**

The Region Geodetics Quality Team leads the way for geospatial and cadastral data and information excellence. They are extremely knowledgeable in the technical components and emerging geospatial data collection and dissemination technologies. The Region Geodetics Quality Team Lead is a coach and mentor who helps articulate an enterprise vision and provides guidance on best practices, creating a center of excellence within their Region. They are inquisitive problem-solvers and strong communicators who can easily translate complex concepts to various audiences.