

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.



Geotechnical Team Lead

Materials & Tests Division - Geotechnical Engineering Section

\$98,000 - \$109,000 annually

Job Overview

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

This position will implement department policies, discipline-specific technical guidance, procedures, and manuals to lead and assist the Geotechnical Engineering team in producing deliverables and implementing the Quality Assurance Program as part of the Department's Work Program. This position will provide statewide expertise in geotechnical engineering and is responsible for geotechnical plans delivery, construction and maintenance support, and day-to-day geotechnical issues. The Geotechnical Team Lead will supervise technical staff, support the Project Delivery Network (PDN), Regional Maintenance and Operations, Regional Construction, Headquarters Division and will implement performance plans, schedules, and budgets, ensuring expected outcomes, performance, and accountability of each team member. The Geotechnical Team Lead will research national best practices to drive innovation and efficiency within each technical unit as part of the Geotechnical Team.

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 negotiating contracts, reviewing consultant invoicing, developing contract scopes, managing contract tasks, and completing consultant grading.

Establish and ensure that there is a direct relationship between quality and work outcomes by developing and implementing standards for the Geotechnical Team and coordinate with the Quality Team Lead in assisting with quality control tasks as per the TDOT Quality Assurance Process with respect to Geotechnical operations.

Assist in the development of Consultant Acquisition Plans (CAP) and oversight of external partners by serving on selection committees for professional engineering services as part of the Brooks Act. Provide support in the development of the Request for Proposal (RFP), by attending project-specific marketing meetings, determining scoring criteria, participating in project information sessions, serving as a scorer as part of the consultant acquisition process, and attending de-briefs with consultants.

Manage change, clarifying the vision, taking ownership of the change, communicating effectively, remaining transparent, and holding yourself and others accountable throughout the process.

Serve on Project Teams as part of a matrix organization in developing the project vision for those projects having the highest complexity; ensuring geological information is incorporated into plan including providing recommendations for roadway improvements, bridge foundations, retaining wall foundations, and construction concerns; define critical goals and intended outcomes for the scope, schedule, budget, and quality in coordination with the Project Manager related to Materials and Testing operations; support Project Management staff by writing the Materials Control Scope of Work in collaboration with TDOT Environment, TDOT Maintenance, and TDOT Construction; applying context-sensitive design strategies; effectively coordinating with other units within TDOT to mitigate constructability and maintenance concerns as part of the Functional Design Plans development per the Project Delivery Network (PDN); proactively assess risk factors; and, for Project Teams associated with Alternative Delivery Contracts, forecast the cause and effect of implementing Alternative Technical Concepts related to the Request for Proposal (RFPs), project cost, and construction timing.

Lead the Geotechnical team in providing exceptional customer service to both internal and external customers, exercising effective listening skills, providing prompt responses, maintaining complete and accurate documentation, and communicating effectively.

Remain current on revisions to the design codes, standards, and guidelines related to geological specifications, special provisions, Standard Operating Procedures (SOPs); perform the design and technical analysis of acceptance, testing, and verification of geotechnical engineering tasks for complex projects having the highest degree of risk and assist with Risk Assessments.

Monitor and track Geotechnical projects using the established statewide tracking mechanism to ensure the scope, schedule, budget, and quality of all Geotechnical related activities support the delivery of the Department's Work Program while also ensuring compliance with Federal and State rules and regulations.

Provide oversight in the development and completion of Geotechnical deliverables and ensure they 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 PE

5 years of demonstrated competency in Geotechnical Engineering with regards to transportation projects

Ideal Candidate

The Geotechnical Team Lead possesses diverse abilities that contribute to their effectiveness in the field. Their exceptional analytical skills enable them to analyze complex data and make informed decisions, ensuring the successful completion of projects. Their attention to detail is crucial in identifying potential risks and developing effective strategies to address them. The Geotechnical Team Lead motivates and inspires team members, fosters a positive work environment that encourages creativity and productivity, and is passionate about building and maintaining relationships.