

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.



Statewide Mitigation Technical Specialist
Environmental Division – Mitigation Section
Nashville, TN
\$99,864 annually

Job Overview

The Statewide Mitigation Technical Specialist supports the implementation of innovative concepts that improve performance and increase the sustainability of TDOT's transportation system related to providing compensatory mitigation to offset unavoidable stream and wetland impacts for transportation projects. The position administers the program consistent with Federal and State law while serving as TDOT's liaison with the Regions. The Statewide Technical Specialist role requires collaboration with multiple TDOT Divisions, project team members, consultants, and other external stakeholders.

The Statewide Mitigation Technical Specialist ensures Department policies, technical guidance, procedures, software, and systems related to mitigation are current and accurate for incorporation into the project delivery process. This position assists in implementing the Quality Assurance Program as part of the Environmental Division activities to reduce errors, delays, and contractor claims. This position provides statewide guidance and oversight of mitigation strategies and methodologies. The Statewide Mitigation Technical Specialist assists with monitoring and managing the scope, schedule, and budget of all mitigation-related projects and works with the Project Management Division to make the required adjustments as necessary to ensure that the work completed is in alignment with the Environmental Division's goals.

Essential Job Responsibilities

Ensure all mitigation projects are developed and documented in accordance with applicable state and federal regulations and guidance.

Provide technical assistance in developing mitigation designs for TDOT Alternative Delivery Contracting projects. Provide technical assistance during the construction of mitigation sites.

Design and implement compensatory mitigation plans consistent with the Project Delivery Network (PDN). Identify the optimal type of compensatory mitigation at each site including restoration, establishment, enhancement, and/or preservation.

Oversee the expeditious mitigation of previously unidentified hazards encountered during project construction to protect workers and the public and to allow timely progression of the project.

Conduct and/or coordinate mitigation materials studies for TDOT Alternative Delivery Contracting projects.

Effectively coordinate with NEPA; Cultural Resources; Ecology; and Air Quality, Noise, and Hazardous Materials in developing mitigation documents. Assist Local Governments with mitigation planning for Local Programs Projects.

Serve on selection committees for professional engineering services, including assistance with RFP development, attendance at project-specific marketing meetings, assistance with determining scoring criteria, assistance with project information sessions, when applicable, serving as a scorer as part of the consultant acquisition process, and attendance at de-briefs for consultants where usable feedback must be provided.

Manage and direct consultants preparing mitigation materials-related studies and activities. Research and implement emerging technologies that improve efficiency, effectiveness, reliability, and safety of TDOT's transportation network.

Routinely identify, document, and effectively collaborate with HQ and Asset Management on acquired knowledge that includes maximizing project successes, acknowledging national best practices, and avoiding past errors. Assist with modifications to all applicable policies, procedures, design standards, specifications, and special provisions. Develop, implement, and maintain statewide policies that promote uniformity and consistency of mitigation studies' documents.

Provide exceptional customer service to both internal and external customers, including mentoring and technical guidance, coordinating with other disciplines as part of a matrix organization, exercising effective listening skills, providing prompt responses, maintaining complete and accurate documentation, and communicating effectively.

Assist in the development of training related to mitigation requirements, analysis, and documentation that addresses acquired knowledge, asset management objectives, risk management, technical design elements, and emerging technologies related to transportation for the purpose of improving team performance, creating a stronger understanding of the transportation industry, inspiring new ideas, and developing skills.

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

Qualifications

- Bachelor's degree in Natural, Physical, Social or Environmental Sciences; Archeology or Cultural Resources; Environmental or Civil Engineering
- 8 years of demonstrated competency in an environmental program demonstrated competency in an environmental program relating to the transportation industry

OR

- Master's degree in Natural, Physical, Social or Environmental Sciences; Archeology or Cultural Resources; Environmental or Civil Engineering
- 7 years of demonstrated competency in an environmental program demonstrated competency in an environmental program relating to the transportation industry

Ideal Candidate

The Statewide Mitigation Technical Specialist is a highly-skilled professional who possesses exceptional critical thinking abilities. They are experts in assessing and addressing complex issues related to mitigation, and their expertise is invaluable in developing effective strategies to manage risks and mitigate potential hazards. The Statewide Technical Specialist is dedicated to working as part of a team and understand the importance of cooperation and coordination with their team members and stakeholders. They are a detail-oriented individual who is meticulous in their work. They analyze data and information with a keen eye for detail, ensuring that all aspects of the mitigation process are addressed and accounted for. They are also excellent problem solvers, able to identify and resolve issues quickly and efficiently.