

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 Technical Specialist – Equipment/Garages Maintenance Operations Division – Field Support Section Nashville, TN \$99,864 annually

Job Overview

The Statewide Technical Specialist for Equipment and Garages oversees the management of heavy equipment, garage, and ferry operations. This role includes reviewing heavy equipment assets and specifications to ensure they meet project requirements, as well as auditing garages to ensure compliance with Standard Operating Guidelines and Procedures. By working closely with internal maintenance teams and third-party vendors, this position enhances the efficiency and effectiveness of TDOT's maintenance operations and asset management.

The Statewide Technical Specialist utilizes critical thinking skills to address challenges and make decisions that improve the longevity of heavy equipment and garage assets, streamline inventory procedures, and optimize ferry operations. These efforts contribute to the efficient functioning of Tennessee's transportation system. The role involves close collaboration with TDOT Divisions, project teams, regional leadership, direct forces, third-party vendors, and contractors to deliver cost-effective and efficient garage operations.

Essential Job Responsibilities

Oversee the evaluation and analysis of Maintenance Operations Heavy Equipment specifications to ensure all equipment complies with established safety and operational standards. Provide strategic recommendations in collaboration with the Asset Management Division for equipment acquisitions and purchases based on comprehensive data analysis, research, and alignment with TDOT's operational goals and long-term objectives.

Manage the inventory and lifecycle of all TDOT-owned heavy equipment by monitoring detailed information such as equipment location, operational usage, repair history, scheduled maintenance, and performance metrics in collaboration with the Asset Management Division. Additionally, track timelines for equipment replacement and plan for end-of-life retirement to ensure timely disposal or reassignment of assets in alignment with TDOT's operational standards. Utilize fleet management platforms to provide accurate, real-time data that supports decision-making and budget planning and ensures compliance with TDOT's Standard Operating Guidelines (SOGs) and Standard Operating Procedures (SOPs).

Ensure availability of all TDOT heavy equipment safety, repair, and operation manuals and provide garages with requested copies. Ensure all newly purchased equipment comes with safety, repair, and operational manuals and that garages can access these manuals.

Collaborate with the Transportation Worker Proficiency Program Coordinator and Safety Teams to develop comprehensive training programs and operational procedures based on heavy equipment safety manuals, operational guidelines, and industry best practices. Facilitate and conduct specialized heavy equipment training sessions to ensure proficiency in safe operation and compliance with regulatory standards.

Guide the development, review, and continuous improvement of Maintenance Operations Garage Standard Operating Guides (SOGs) to ensure they remain aligned with the evolving needs of TDOT's Maintenance Operations teams. Ensure all Garage and Equipment SOGs adhere to TDOT memorandums, directives, safety regulations, and best practices while fostering operational efficiency and organizational consistency across statewide maintenance activities.

Provide oversight and management of TDOT's Ferry Equipment and Operations, ensuring compliance with established safety protocols and regulatory standards. Review, update, and implement Standard Operating Guidelines (SOGs) for Ferry Operations to maintain operational efficiency and safety. Utilizing a fleet management system, maintain comprehensive data records for all ferry equipment repairs and maintenance. Ensure accurate documentation and reporting for compliance and operational analysis of services.

Collaborate with TDOT's Asset Management and Finance Teams, as well as TDOT Garage Managers, to support the auditing and management of garage inventories. Ensure the accuracy and integrity of data collection processes and the efficient management of inventory records for reporting and compliance purposes.

Provide exceptional customer service to project stakeholders by sharing relevant data, ensuring accessible and organized data information, practicing effective communication, and maintaining positive public relations. Respond promptly and accurately to inquiries from the public and department personnel.

Qualifications

- Bachelor's Degree in Business, Information Systems, Computer Science, or related field.
- 8 years of demonstrated competency in maintenance and/or garage operations, IT software support, contract compliance, or related technical discipline.

OR

- Master's Degree in Business, Information Systems, Computer Science, or related field.
- 7 years of demonstrated competency in maintenance and/or garage operations, IT software support, contract compliance, or related technical discipline.

Ideal Candidate

The Statewide Technical Specialist is a highly skilled professional with extensive experience in maintenance operations, equipment evaluation, and lifecycle management. They excel in data collection, analysis, and using asset management platforms to drive strategic decisions related to equipment acquisition and inventory control. With strong organizational, communication, and technical writing skills, they ensure the development and implementation of operational guidelines while maintaining compliance with TDOT standards and safety regulations. The Statewide Technical Specialist also collaborates with teams to deliver training programs and enhance operational efficiency, providing exceptional service and support to stakeholders and the public.