

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.



Production Design Quality Team Lead
Engineering Division – Production Support Section
Nashville, TN
\$109,200 annually

Job Overview

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

This position will implement department policies, training, discipline-specific technical guidance, procedures, and manuals to lead and assist the Preconstruction Teams in producing deliverables and implementing the Quality Assurance Program as part of the Department's Work Program. The Production Design Quality Team Lead will supervise technical staff and will implement performance plans, schedules, ensuring expected outcomes, performance, and accountability of each team member. The Production Design Quality Team Lead will pilot national best practices as part of preconstruction efforts and will report and recommend ideas that drive innovation and efficiency.

Essential Job Responsibilities

Manage resources and staff utilization to allow the Production Design Quality Team to perform their roles effectively and efficiently, optimizing the Team's ability to successfully address unanticipated challenges, and assist in managing external partners together with the Professional Services Division, including development of contract scopes, management of quality tasks, and completion of consultant grading with respect to Production Design Quality.

Integrate Production Design Quality into all deliverables with the purpose of reducing plan errors, right-of-way delays, construction delays, and contractor claims; assist Preconstruction Divisions with quality assurance tasks as per the TDOT Quality Assurance Process and coordinate with the Region Design units to ensure consistency and compliance with the statewide policies and standards related to production quality design.

Manage change to quality processes by serving as the bridge between executive direction and the envisioned change, verifying consistency with the vision, communicate effectively, remain transparent, and hold yourself and others accountable throughout the process as part of the Production Design Quality Team.

Serve on Project Teams as part of a matrix organization in confirming consistency with the project vision for those projects having the highest complexity; define critical goals and intended outcomes for the quality in coordination with the Project Manager, effectively coordinate 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 Design Quality and Production Support Team in providing exceptional customer service to both internal and external customers, exercising effective listening skills, providing prompt responses, maintaining complete and accurate documentation, providing training and guidance, and communicating effectively.

Remain current on revisions to the design standards, specifications, and guidelines; maintain collaboration with the transportation industry to enhance the work of preconstruction teams through the implementation of new technologies and national best practices; lead the development of policies and procedures related to quality; assist in defining the Department's vision for corridor planning, perform the quality reviews as part of transportation projects.

Implement the Division's tracking mechanism that ensures all workflow items are addressed and completed within the time constraints laid out by the project's schedule.

Assist in ensuring the Production Design Quality Support 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 a transportation engineering field

Ideal Candidate

The Production Design Quality Team Lead plays a vital role in ensuring the quality of production. They use their technical expertise to guide the production design quality process and are proactive in explaining control measures and making recommendations. They are also a coach and mentor who can see the big picture and apply their analytical skills to ensure accuracy and quality. The Production Design Quality Team Lead is committed to quality, evident in everything they do, from developing policies and procedures to performing quality reviews. They are excellent problem-solvers who work well in a team and can explain complex concepts to different audiences.