

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.



Estimating Transportation Engineer Construction Division – Construction Estimating Section \$102,300 annually

Job Overview

The Estimating Engineer is a transportation engineer position that will support TDOT's construction estimating processes and systems. This position will provide support to Project Teams. The estimating role requires collaboration with multiple TDOT Divisions, Regions, project team members, contractors, consultants, and other external stakeholders. It requires critical thinking and engineering judgment to problem solve and make well-informed recommendations.

The Estimating Engineer employs Department policies, technical guidance, procedures, software, and systems related to construction estimating. This position assists in implementing the Quality Assurance Program as part of the construction division's activities. This position must effectively articulate technical engineering concepts. This position provides technical assistance to the Regions, Local Programs Development Office, Utilities Division, and Aeronautics Office for construction estimating-related matters. The Estimating Engineer provides project cost information to assist with monitoring and managing the scope, schedule, and budgets of all construction projects as necessary to ensure that the work completed is in alignment with the Strategic goals.

Essential Job Responsibilities

Assist Project Managers as a construction estimating representative in the management of external partners together with the Professional Services Division, including the negotiation of contracts, review of consultant invoicing, development of scopes, management of contract tasks, compliance monitoring, and completion of consultant grading.

Integrate Quality Management into all work in support of estimating products, systems, and deliverables. Assist in the development of preliminary and final construction estimates during all phases of the project life cycle.

Assist in the development and delivery of construction estimating training and mentoring as required. Assist with managing TDOT's estimating program and software.

Take ownership of change, communicate effectively, remain transparent, and hold yourself accountable in assisting in the development, maintenance, and growth of TDOT's construction estimating capabilities, data, software, and systems.

Serve as a resource for Project Teams as part of a matrix organization by providing construction estimating input and clarification. Assist with ensuring alignment and compliance with Division and Section metrics and performance goals.

Provide exceptional customer service to both internal and external customers by exercising effective listening skills, providing prompt responses, maintaining complete and accurate documentation, and communicating effectively.

Remain current on market and pricing trends and national best practices for construction estimating. Assist with collaborating with industry partners to acquire cost information for materials, labor, and equipment; review historical bidding information to ascertain industry patterns and boundaries.

Create accurate Estimates of Construction Cost to assist with the evaluation of bids received by TDOT for contract award or rejection.

Assist in ensuring workflow items are addressed as per the Letting Process and within the time constraints laid out by the project's schedule and assist in the transition of estimating software from the current legacy system to AASHTOWare Estimate and/or other software as approved by TDOT.

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

Qualifications

- Bachelor's degree in engineering
- 4 years of demonstrated competency in developing and/or constructing transportation projects

Necessary Special Qualifications

- Licensed Professional Engineer (PE)

Ideal Candidate

The Estimating Transportation Engineer is a skillful problem solver and communicator. They analyze project requirements and help develop accurate and comprehensive estimates that help TDOT plan and execute work effectively. They utilize their technical skills to achieve positive outcomes, making a direct contribution to the success of the project. Their collaborative nature shines as they work alongside their team, Regions, and Local Program offices.