

## 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 ITS Communications Technician 2  
Traffic Operations Division – ITS Communications Section  
Location: Nashville, TN  
Compensation: \$4,562.00 - \$5,694.00/ Monthly

### **Job Overview**

The Tennessee Department of Transportation is currently hiring a full-time TDOT ITS Communications Technician 2 for our Traffic Operations Division location in Davidson County. This position involves a combination of office and field work, but the duties are primarily performed in the field. Work may frequently occur in outdoor environments and may sometimes require working in inclement weather.

This position is in the ITS Communications Section within the TDOT Traffic Operations Division. The ITS Communications Section is responsible for design, procurement, installation, repair, and preventive maintenance of TDOT's mission-critical land mobile radio (LMR) system. The LMR system supports both highway maintenance and incident management (HELP) personnel in the field; statewide on a 24/7/365-day basis. In addition, the Section supports TDOT's interoperability communications, Intelligent Transportation Systems (ITS), and connected vehicle programs.

### **Essential Job Responsibilities**

Maintain analog and digital radio communication systems including land mobile radio systems, Ethernet Internet Protocol (IP) wide-area networks, high-capacity microwave radio backhaul systems, including mobile radio site repeaters, dispatch consoles, antennas, towers, tower obstruction lighting, shelters and generators.

Troubleshoot system failures to identify and resolve failures in LMR systems and associated infrastructure.

Perform installation on various analog and digital radio communication systems for TDOT including, but not limited to, land mobile radio systems, advanced connected vehicle radio systems, high capacity backhaul microwave systems, and (IP) computer networking systems.

### **Qualifications**

Education equivalent to completion of one year of coursework at a vocational or technical school in communication equipment repair or another related field.

Experience equivalent to 3 years of full-time communications technical work or computer networking experience.

Additional experience in communications technical work or computer networking may be substituted for the required education on a year-for-year basis, up to one year.

Higher education in electrical engineering, information technology, or a related field may be substituted for experience on a year for year basis up to two years.

Land mobile radio experience and/or certification(s) in LMR is preferred.

**Ideal Candidate**

Applicants must possess a broad working knowledge of both communications and computer technical skills. Individuals should be adept at working independently and in team environments. Interpersonal, organizational, task prioritization and customer service skills are a necessity as this position oftentimes functions under a diverse mission critical, complex work environment both in-office and in the field.