

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 Intern Aeronautics Division – Drones & Advanced Air Mobility

Location: Nashville, TN
Compensation: \$22.00/hourly

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Aeronautics Division's Drones & Advanced Air Mobility office located in Nashville, TN. The Aeronautics intern will support TDOT in standardizing drone operations by creating a comprehensive Standard Operating Procedure (SOP) for Wingtra Ray UAV systems. This role provides hands-on experience in UAV mission planning, safety protocol development, data collection, and operational documentation. The intern will work closely with TDOT staff to ensure UAV operations are efficient, safe, and replicable across projects.

Responsibilities

- Fly the Wingtra Ray drone and manually inspect it to validate maintenance processes.
- Review existing SOPs and practice drafting new ones for UAV operations.
- Test SOP procedures in the field, identify gaps, and make corrections as needed.
- Analyze the Wingtra Ray manual and other states' SOPs to incorporate best practices.

Minimum Qualifications

- Drone and/or UAS majors required
- Junior, or Senior Class Status required as of May 2026 OR recent Graduate as of Spring 2025.
- Legally authorized to work in the U.S.

To be considered for this position, please visit the [TDOT Summer Internship Program](#) website and submit an application..

Please attach a two (2) page maximum résumé and a transcript to your application.

Pursuant to the State of Tennessee's Workplace Discrimination and Harassment policy, the State is firmly committed to the principle of fair and equal employment opportunities for its citizens and strives to protect the rights and opportunities of all people to seek, obtain, and hold employment without being subjected to illegal discrimination and harassment in the workplace. It is the State's policy to provide an environment free of discrimination and harassment of an individual because of that person's race, color, national origin, age (40 and over), sex, pregnancy, religion, creed, disability, veteran's status or any other category protected by state and/or federal civil rights laws.