

**Position Role**

This position will be working under the office of Forecasting of TDOT's Long Range Planning Division. This position will develop and maintain Tennessee statewide travel demand model. This position will be working closely with TDOT staff, consultants and MPOs' modeling groups to perform professional transportation planning work including development, monitoring, evaluating, and coordination of transportation planning projects.

The position requires strong statistical analysis skill using R, SAS, SPSS or other statistical packages. The successful candidate must possess knowledge of GIS spatial analysis, in TransCAD, ArcMap, GeoMedia, or other GIS-based software packages.

Experience in Transportation Demand Model Packages (particularly TransCAD) is also preferred. Master degree in Transportation Planning and Modeling, Civil engineering, Geography or closely related field is a plus.

**Minimal Qualifications:**

**Education and Experience:** Graduation from an accredited college or university with a bachelor's degree in transportation planning, civil engineering, geography, or other related bachelor's degree and experience equivalent to one year of full-time professional planning work.

**OR**

Possession of a master's degree in transportation planning, civil engineering, geography, or other related bachelor's degree from an accredited college or university.

**Main Responsibilities:**

Duties include, but are not limited to, in a team environment:

1. Provide development, maintenance, and use of the Tennessee Statewide Model, and the Tennessee MPO models.
2. Participate in integration of transportation and land use models.
3. Work closely with other TDOT Long Range Planning Division offices, including Data Collection, Roadway Inventory, Data Visualization, Policy, and Community Planning.
4. Respond to requests for data analysis, technical assistance from other divisions of TDOT, other government agencies, OCT offices, as well as the TN MPOs and the TN RPOs

**Application Deadline:**

5.p.m. Central on Monday August, 1, 2016. To submit your resume and cover letter, or questions, email to [Chin-Cheng.Chen@tn.gov](mailto:Chin-Cheng.Chen@tn.gov).

**Salary and Benefits**

The Transportation Modeler position will be filled at the Modeler (TDOT Planning Specialist) or Modeler Adv. (TDOT Planning Specialist Adv.) level depending on the qualifications and experience of the selected candidate. The annual salary ranges for the two levels are: Modeler – \$42,396 - \$50,875, and Modeler Adv. - \$46,752 - \$56,102. Detailed Benefits can be found at <https://www.tn.gov/hr/topic/benefits>