

# **TDOT Transportation Planning Supervisor**

## **Forecasting Transportation Planning Supervisor**

The Forecasting Transportation Planning Supervisor is responsible for overseeing the development and application of urban, rural and regional travel demand models.

The Forecasting Transportation Planning Supervisor will utilize skills and experience to create and update software code for travel demand model development including but not limited to the TransCAD software. The position will frequently draw upon extensive knowledge in spreadsheet development and application including macros with VBA programming script. Knowledge of transportation modeling software (e.g., VISSIM/VISUM, SYNCHRO, CUBE, HCS, Corsim, SimTraffic, etc.).

The Forecasting Transportation Planning Supervisor will work to assemble and prepare data for model validation and long-range future year travel forecasts, model validation to required accuracy standards, development of forecasts for state transportation projects, and documentation of results. As part of the model design, will use ArcGIS with related database development and appliance skills, along with SQL. The position will utilize investigational skills for research on design, data development, and statistical analyses to address perceived model shortcomings and recommend an improved modeling approach.