

Transportation Project Specialist Senior – Traffic Signals

TDOT Traffic Operations Division – 1 Position

The Traffic Operations Division Transportation Project Specialist Senior will be assigned to the Traffic Engineering Office and responsible for overseeing traffic signal design projects in multiple regions. Traffic signal design related duties include the preparation of in-house traffic signal design projects and review/coordination of traffic signal design projects prepared by consultants. May be required to provide technical support to other sections in the Traffic Engineering Office.

Prepares traffic signal design layouts, construction plans, project specifications, cost estimates following established TDOT guidelines, procedures, and manuals. Must have working knowledge of Microstation, MUTCD, Highway Capacity Manual (HCM), Synchro, ITE Traffic Engineering Handbook, and ITE Trip Generation. Having a valid Tennessee Professional Engineer (PE) license or the ability to obtain one is preferred, but not mandatory.

Supervises other employees within a unit regarding traffic signal design projects. Must interact professionally with federal, state, city, county, consultant, citizen, and other persons at all times. Reviews traffic signal design plans for both in-house and consultant design projects. Ensures compliance with federal, state, regional and local regulations as they apply to the design and construction of the traffic signal project which includes intelligent transportation systems (ITS), pedestrian and bicycle treatments, ADA compliance, and roadway lighting.

Maintains a comprehensive, current knowledge of applicable policies, procedures, programs, codes, regulations and standards relating to traffic signals. Maintains an awareness of new issues, methods, equipment, trends and advances in traffic signals. Assists with the development of engineering solutions to problems related to traffic signals and makes recommendations for implementation. Assists in the review of city and county traffic signal proprietary requests. Assists in the development of guidelines for policies and manuals related to traffic signals.

This position will require occasional statewide travel. May attend project meetings, field on-site meetings, conferences, workshops, and training sessions as needed. Must follow established safety guidelines and procedures at all times.

One Transportation Project Specialist Senior – Traffic Signals position is open in the Traffic Engineering Office at headquarters in Nashville, Tennessee.