

Transportation Project Specialist Senior – Roadway Lighting

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 roadway lighting design projects statewide. Roadway lighting design related duties include the preparation of in-house roadway lighting design projects and coordination of roadway lighting design projects prepared by consultants. May be required to provide technical support to other sections in the Traffic Engineering Office.

Prepares roadway lighting design layouts, construction plans, project specifications, cost estimates following established TDOT guidelines, procedures, and manuals. Must have working knowledge of Microstation, MUTCD, Roadway Lighting Design Guide, Roadway Lighting Handbook, and the National Electric Code (NEC) Handbook. Having a valid Tennessee Professional Engineer (PE) license or the ability to obtain one is preferred, but not mandatory. Experience in both lighting and signal design is preferred.

May be required to supervise other lighting or signal designers. Must interact professionally with federal, state, city, county, consultant, citizen, and other persons at all times. Reviews roadway lighting 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 roadway lighting project which includes intelligent transportation systems (ITS), pedestrian and bicycle treatments, ADA compliance, and traffic signals.

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

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 – Roadway Lighting position is open in the Traffic Engineering Office at headquarters in Nashville, Tennessee.