



CITY OF LONG BEACH CLASSIFICATION SPECIFICATION

TITLE: TRAFFIC ENGINEERING ASSOCIATE I-II

DEFINITION: Under general supervision, performs a variety of professional engineering work in the preparation, planning and design of traffic engineering projects.

DISTINGUISHING CHARACTERISTICS:

Grade Level I - Performs the beginning level duties of the class.

Grade Level II - Performs the more difficult duties of the class. This grade level typically requires a minimum of two years of professional traffic engineering experience.

EXAMPLES OF DUTIES:

- Supervises and participates in field investigations of street operations problems, collection and analysis of data pertaining to traffic movement and safety, and surveillance of the arterial system;
- Performs traffic accident analyses with particular reference to engineering features involved;
- Prepares and assists in the preparation of preliminary reports, plans, estimates, specifications, and designs for traffic signal installations and systems, street lighting facilities, intersection channelization schemes, traffic signing and pavement marking plans, parking facilities, and other traffic transportation projects;
- Designs traffic signal timing systems;
- Conducts route location and feasibility studies, reviews plans for roadway construction and off-street development projects;
- Supervises non-professional personnel;
- Conducts special studies and prepares technical reports;
- May plan traffic signal signing, marking, and lighting projects;
- May assist in the supervision of field installations for traffic controls;
- May review recommendations and work of subordinates;
- Performs other related duties as required.

MINIMUM REQUIREMENTS:

Graduation from an accredited four -year college or university with major work in civil or general engineering or closely related work; or possession of a valid Engineer in Training Certificate.

A valid motor vehicle operator license or permit.

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TRAFFIC ENGINEERING ASSOCIATE I-II (continued)

DESIRABLE QUALIFICATIONS:

Knowledge of the theory, principles and practices of traffic engineering; knowledge of the types, uses and design of various devices used to control traffic movements, including traffic signal control and operation; knowledge of sources of traffic engineering information; knowledge of traffic problems encountered in a large city; knowledge of statistical procedures applying to compilation and presentation of traffic data; and good working relations with others.

HISTORY:

Traffic Engineering Assistant Established: 06/02/72

Traffic Engineering Associate Established: 09/01/70

Traffic Engineering Assistant and Traffic Engineering Associate Consolidated: 8/29/03

Approved/Adopted: 09/24/03