

CLASS SPECIFICATION FOR
Assistant Traffic Engineer

GENERAL STATEMENT OF DUTIES: Assists the Traffic Engineer in the planning, design and implementation of a comprehensive traffic engineering program; does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: Coordinates and participates in assigned major phases of the County traffic engineering program. General supervision is received from the Traffic Engineer, and the incumbent has considerable latitude for the exercise of professional judgment with respect to project design and methodology. Work is subject to review and approval through conferences and the evaluation of plans and reports.

EXAMPLES OF WORK (illustrative only):

- Supervises the Signal Section, Sign and Pavement Marking Section and Engineering Section to insure that all responsibilities and assignments are completed;
- Prepares signal-timing plans for traffic signals;
- Handles citizen complaints relating to traffic and traffic operations;
- Completes complex traffic-related studies such as traffic generation and distribution studies and highway capacity studies;
- Works with employees in the preparation of traffic signal plan layouts, pavement marking plans and parking facility plans;
- Provides assistance and direction to contractors relating to handling traffic during construction and maintenance operations;
- Assists in preparing specifications for traffic-engineering related equipment;
- Assists in reviewing plans of development;
- Compiles and prepares traffic engineering data which is to be utilized for public presentations and public hearings;
- Checks and revises traffic signal and traffic signal system timing plans;
- Prepares work orders for the installation and removal of traffic control devices and for the completion of traffic studies on County roadways;
- Performs related work as assigned.

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES: Considerable knowledge of traffic engineering principles and practices; considerable knowledge of statistical and research procedures and techniques applicable to traffic engineering problems; considerable knowledge of standard traffic laws and regulations applicable to traffic control work; knowledge of the principles of electrical and electronic theory as related to the design and operation of traffic control devices; knowledge of highway design; ability to plan, assign and supervise the work of subordinates; ability to express ideas orally and in writing; ability to effect and maintain good working relationships with employees and the public; tact; good judgment.

MINIMUM EDUCATION AND EXPERIENCE: Possession of a bachelor's degree in civil engineering with courses in traffic engineering and one (1) year of responsible traffic engineering experience; OR, any equivalent combination of experience and training which provides the required knowledge, skills and abilities.