

SURVEY PARTY TECHNICIAN II

DEFINITION

Under immediate supervision, performs routine and skilled technical field surveying and engineering work as a member of a survey party.

ESSENTIAL FUNCTIONS INCLUDE BUT ARE NOT LIMITED TO

Performs "instrument" duties on a small survey crew. Operates various surveying instruments and equipment such as rods, levels, theodolites and electronic total stations in performing street construction, topographic, cross section and other land survey work. Takes notes, makes sketches and field calculations. Reduces survey notes and prepares and maintains field records; assists in the supervision of Survey Party Technician I activities. May perform the duties of Survey Party Chief in a training or relief capacity. Performs other functions as assigned.

DISTINGUISHING FEATURES OF THE CLASS

This is the second level classification in the survey series. An employee of this class normally works as second in command of a three-member survey crew.

MINIMUM BASIC QUALIFICATIONS

Education and experience equivalent to high school graduation including or supplemented by courses in algebra, geometry, and trigonometry and two years of field surveying experience or one year of field surveying experience and a valid California L.S.I.T. or any equivalent combination of training and experience which provides the following knowledge, skills and abilities.

Knowledge of: the practices, methods and nomenclature employed in topographic, construction and boundary surveying. Knowledge of basic horizontal and vertical curves and of curve staking. Knowledge of mathematics including trigonometry. Familiarity with simple legal descriptions.

Skill in: the use of surveying tapes, rods, levels, theodolites, electronic total stations, data collectors and electronic distance meters.

Ability to: read and understand plans and specifications used in public works projects. Ability to perform precise survey work, make necessary computations and prepare and reduce field notes. Ability to speak clearly and concisely and to work effectively in a team setting.

SPECIAL REQUIREMENT

Possession of a valid Class C Driver's License is a condition of employment.

SPECIAL WORKING CONDITIONS

Duties involve working out-of-doors under varying climatic conditions and in heavy traffic.

CHARACTERISTICS OF SUCCESSFUL PERFORMERS

Successful performers are very attentive to duty and detail oriented. These team players work harmoniously with other members of the survey team and readily assume a leadership role when appropriate. Successful performers are safety conscious, enjoy working outdoors and deal tactfully with co-workers and the public.

Class title change from Instrumentman per SACEA MOU 81-83,
effective 7-1-81