

SURVEY PARTY TECHNICIAN I

DEFINITION

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

ESSENTIAL FUNCTIONS INCLUDE BUT ARE NOT LIMITED TO

Performs chain and rod duties on a small survey crew. Drives stakes, sets sights, assists in setting monuments, benchmarks and tie points. Maintains hand tools and truck supplies. Makes simple calculations and sketches. Sets cones and flags to route and warns drivers of crew activity. Occasionally operates survey equipment such as transit and level, usually in a training capacity. May drive survey truck. Performs other functions as assigned.

DISTINGUISHING FEATURES OF THE CLASS

This is the entry-level class within the survey series. The Survey Party Technician I functions as an assistant to the Survey Party Technician II and the Survey Party Chief.

MINIMUM BASIC QUALIFICATIONS

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

Knowledge of: the practices, methods and nomenclature employed in topographic, construction and boundary surveying. General knowledge of the elementary principles of algebra, geometry and trigonometry as applied to field engineering work; civil engineering construction methods and materials.

Skill in: the use of surveying tapes, rods and other related equipment.

Ability to: speak clearly and concisely; maintain effective working relationships in a team setting.

SPECIAL REQUIREMENT

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

SPECIAL WORKING CONDITIONS

Must be willing and able to work outside under varying climatic conditions and in heavy traffic.

CHARACTERISTICS OF SUCCESSFUL PERFORMERS

Successful performers are thorough, careful and attentive to detail. These team players work harmoniously with other members of a survey crew assisting whenever possible in the speedy completion of assignments. Appropriate individuals are safety conscious, enjoy working outdoors and respond in a customer-service oriented manner to inquiries from the public.

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

Revised: 5/90; 6/02
ADA Approved: