

SURVEY PARTY CHIEF

DEFINITION

Under direction, supervises and trains a survey party involved in performing survey and lay-out work on engineering and mapping projects in the field.

SUPERVISION RECEIVED/EXERCISED

Receives supervision from the Chief Surveyor or designee. This class exercises supervision over assigned staff.

DISTINGUISHING CHARACTERISTICS

Survey Party Chief is the supervisory level in the Survey Party series. Incumbents train a crew of personnel involved in survey and lay-out work on engineering and mapping projects. This class is distinguished from Chief Surveyor in that the incumbent of the latter is responsible for the day-to-day operation of the Survey Section, including the budget and administration. The Survey Party Chief is distinguished from Survey Party Technician in that incumbents of the latter perform the less complex survey work and do not have supervisory responsibilities.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES

(may include, but not limited to, the following:)

Supervises and trains a crew performing all phases of preliminary and construction surveys.

Performs inspection surveys on large and complex construction projects and subdivisions to assure compliance with plans and accepted engineering practices.

Performs property surveys; sets property monuments for City properties and along right-of-ways as required.

Performs precise horizontal and vertical control surveys and preliminary surveys on which design and cost estimates are based.

Performs field layouts of difficult and complex Public Works projects; acts as advisor to other departments and divisions on engineering field problems.

Applies surveying methods in the measurements of contractor's pay quantities on City contracts.

Performs related duties as required.

JOB RELATED AND ESSENTIAL QUALIFICATIONS

Knowledge of:

Principles, practices, and instruments used in surveying.

Trigonometry as applied to computation of angles, areas, distances, and traverses.

Construction, specifications, plans, and regulations relating to Public Works projects.

Engineering maps and records and drafting nomenclature and symbols.

Ability to:

Perform difficult technical computations and to compile engineering data statistics.

Effectively train and supervise personnel.

Establish and maintain effective working relationships with co-workers, contractors, and the general public.

Physically withstand long working hours in occasional adverse weather conditions.

Efficiently use a computer and applicable software programs.

Skill to:

Set-up and use of surveying instruments, appliances, and related equipment.

MINIMUM QUALIFICATIONS

Possession of High School diploma or equivalent;

AND

Successful completion of coursework in algebra, geometry, trigonometry and surveying;

AND

Three years of experience equivalent to that gained as a Survey Party Technician with the City of Fresno. Two additional years of qualifying experience may be substituted for the required coursework.

Special Requirements

Possession of a valid California Driver's License at time of appointment.

APPROVED: _____
Director of Personnel Services

DATE: _____

MR/TP/po/07/01/87

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