



Land Surveyor I

Salary Group: B19

Class Code: 2050

<u>CLASS TITLE</u>	<u>CLASS CODE</u>	<u>SALARY GROUP</u>	<u>SALARY RANGE</u>
LAND SURVEYOR I	2050	B19	\$42,244 - \$68,960
LAND SURVEYOR II	2054	B21	\$48,278 - \$78,953
LAND SURVEYOR III	2056	B23	\$55,184 - \$90,393
LAND SURVEYOR IV	2058	B25	\$63,104 - \$103,491

GENERAL DESCRIPTION

Performs moderately complex (journey-level) surveying work. Work involves planning and conducting field surveys; conducting inspections; taking field measurements; and compiling, updating, and maintaining maps. Works under general supervision, with limited latitude for the use of initiative and independent judgment.

EXAMPLES OF WORK PERFORMED

Conducts field surveys, verifies survey accuracy, composes field notes, and prepares survey reports.

Collects field survey data and plots survey lines using various instruments, hand-held calculators, computers, and global positioning system (GPS) equipment.

Interprets maps, construction drawings, and legal land documents to accurately perform various types of surveys.

Compiles sketches from maps, reports, plots, deed records, field notes, and other documents related to surveys.

Calculates data such as heights, depths, relative positions, property lines, and other characteristics of terrain.

Prepares descriptions of property boundary surveys for use in deeds, leases, or other legal documents.

Researches legal records, survey records, and land titles to obtain information about property boundaries in areas to be surveyed.

Organizes technical data, analyzes findings, and makes recommendations as appropriate.

Performs related work as assigned.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Experience in land surveying work. Graduation from an accredited four-year college or university with major coursework in land surveying, geomatics, or civil engineering is generally preferred. Experience and education may be substituted for one another.

KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of professional surveying principles, techniques, and procedures; of algebra, geometry, and trigonometry; and of aerial photography.

Skill in the use of surveying instruments and drafting tools and equipment.

Ability to conduct field surveys; to design, research, and analyze mapping systems; to compile ink maps and working sketches; to transfer data from maps and other sources to base maps; and to communicate effectively.

REGISTRATION, CERTIFICATION, OR LICENSURE

Must be registered as a professional land surveyor by the State of Texas.

May require licensure as a state land surveyor by the State of Texas.