Land Surveyor

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
LAND SURVEYOR I	2054	B21	$54,278 - $87,046
LAND SURVEYOR II	2056	B23	$61,184 - $99,658
LAND SURVEYOR III	2058	B25	$69,572 - $114,099

GENERAL DESCRIPTION

Performs surveying work involving planning and conducting field surveys; conducting inspections; taking field measurements; and compiling, updating, and maintaining maps.

EXAMPLES OF WORK PERFORMED

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

Calculates and verifies 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.

DESCRIPTION OF LEVELS

Examples of work and descriptions are meant to progress through the levels. For example, an employee at level III may also perform work listed within the previous levels.

LAND SURVEYOR I: Performs moderately complex to complex (journey-level) surveying work. Works under general supervision, with moderate latitude for the use of initiative and independent judgment. Employees at this level may routinely assist other staff in performing job duties of greater complexity.

Note*: A senior-level employee (levels II-III) may serve in a lead or supervisory role. Senior-level employees may perform the full range of work identified in the preceding levels, and/or may coordinate or oversee that work for others. Factors that may distinguish between senior levels include the scope of responsibility and oversight, the scope and complexity of work, and the employee's related experience, education, and certifications.*

LAND SURVEYOR II: Performs highly complex (senior-level) surveying work. Works under limited supervision, with considerable latitude for the use of initiative and independent judgment. Employees at this level may:

- Negotiate and advise on complex surveying projects and contracts.
- Serve as an advisor to executive staff, management, and the public on land or engineering surveying matters.

LAND SURVEYOR III: Performs highly advanced (senior-level) surveying work. Works under minimal supervision, with extensive latitude for the use of initiative and independent judgment. Employees at this level may be considered technical experts in the field and may manage and verify field survey work.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Agencies have the discretion to identify the general or specialized experience, education, or certifications required for positions and may tailor qualification requirements to specifically meet the agency's business needs. Agencies may substitute experience, education, military service, apprenticeships, and relevant credentials for one another, if appropriate and allowed by statute.

KNOWLEDGE, SKILLS, AND ABILITIES

For all levels

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

Additional for Land Surveyor II – III levels

- Ability to oversee and/or supervise the work of others.

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.