

LAND SURVEYOR

DISTINGUISHING FEATURES OF THE CLASS: The work involves planning and performing office and fieldwork relating to a variety of public work projects. Duties are performed under the general supervision of the County Director of Engineering. This class differs from others in the engineering technician series by virtue of the fact that an incumbent assumes personal legal responsibility for work certified by him or her pursuant to their State issued license and registration. General supervision may be exercised over employees involved in survey-related work. A Land Surveyor does related work as required.

TYPICAL WORK ACTIVITIES:

- Plans, coordinates and performs with the assistance of staff members, field work involving surveying land to determine precise locations and measurements of points, elevations, lines, areas, and contours for construction map-making or other purposes;
- Researches previous survey evidence, maps, deeds, and other records to obtain data needed for surveys;
- Determines methods and procedures for boundary surveys and for establishing or reestablishing survey control;
- Keeps accurate notes, records, and sketches to describe and certify work performed;
- Coordinates findings with work of contracted engineering firms and surveyors and other government agencies;
- Exercises independent professional judgement on complex highway or land boundary determinations;
- Establishes and documents procedures and methods utilized for land surveying, work projects and standard operating procedures;
- Develops technological procedures and standards as advancements and new developments in computer aided drafting and surveying occur and move to promptly and effectively initiate their use;
- Utilizes industry standards for use of photogrammetry, balancing, and process of field data and interpretation of NYS Laws;
- Manages survey projects, schedule priorities for supporting staff, provide professional guidance and technical direction to engineering staff;
- Prepares and stamps “taking maps” for various acquisitions;
- Provides expert witness testimony as required by the County Attorney.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES, AND PERSONAL CHARACTERISTICS: Thorough knowledge of current survey principles and practices; working knowledge of the general principles and practices of civil engineering; skill in utilizing current computer aided drafting techniques; skill in utilizing GPS survey equipment; ability to understand and carryout oral and written instructions; ability to plan and organize the work of others; ability to communicate effectively to others.

MINIMUM QUALIFICATIONS: Possession of a license and current registration to practice as a Land Surveyor in New York State.

SPECIAL REQUIREMENT: Possession of a valid license to operate a motor vehicle in New York State.

CATTARAUGUS COUNTY CIVIL SERVICE

Adopted: 12/15/99

Revised: 6/27/17

Revised: 4/19/19