

LAND SURVEYOR

DISTINGUISHING FEATURES OF THE CLASS: The work involves responsibility for land surveys and map preparation for the engineering division of the Ulster County Department of Public Works. The incumbent would supervise and participate in surveying parties engaged in field measurements for road and bridge maintenance and construction. The work is carried out in accordance with the professional standards of the field and performed under the direct supervision of the Ulster County Commissioner of Public Works with leeway allowed in decisions requiring independent professional judgment. Does related work as required.

TYPICAL WORK ACTIVITIES: The typical work activities listed below, while providing representative examples of the variety of work assignments in the title, do not describe any individual position. Incumbents in this title may perform some or all of the following, as well as other related activities not described.

Supervises and participates with a surveying party engaged in determining exact field measurements for road and bridge maintenance repair and construction projects;

Establishes property boundary lines for mapping purposes;

Computes and supervises computations involving location of property lines including closures, area and coordinate positions;

Assists in the design and layout of safety projects on existing county roads detailing all drainage systems and runoffs for such systems that are the county's responsibility;

Describes and checks easements and property maps and prepares them for public filing;

Gathers background information to facilitate the conduct of the surveys;

Insures that survey instruments and equipment are in good working condition;

Prepares cross sections and topographic maps from field notes;

Supervises plotting and drafting of survey and deed data;

Searches public records for details of land holdings.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS: Thorough knowledge of the techniques and practices of land surveying; **thorough** knowledge of methods, policies, principles and procedures of **land and tax map** construction; good knowledge of geometric and trigonometric principles as they apply to surveying; skill in the use and care of instruments and equipment used in surveying and drafting work; ability to make, read and interpret sketches, maps and plans **as they relate to land and road and bridges construction**; ability to follow technical oral and written directions; ability to supervise the work of others; initiative and resourcefulness; good judgment; integrity; accuracy; physical condition commensurate to the demands of the position.

MINIMUM QUALIFICATIONS: Possession of a New York State Land Surveyor's license at time of appointment and throughout duration of employment in this title.

ULSTER COUNTY
3835 LAND SRVY
Classification: Competitive
Grade: 19
Union: CSEA

Adopted: January 15, 2009