

LINN COUNTY CLASSIFICATION

TITLE: SURVEY TECHNICIAN 1

NUMBER: 851

PAY RANGE: 11

CATEGORY: OPEU

APPROVAL ORDER

NUMBER: 99-468

DATE: September 22, 1999

GENERAL STATEMENT OF DUTIES/JOB OBJECTIVES: Performs a variety of sub-professional field and office survey work as an aide on a survey party engaged in engineering or surveying projects.

SUPERVISION RECEIVED: Works under the supervision of a Survey Technician 2 or the Chief Deputy Surveyor who assigns tasks and reviews work for accuracy and effectiveness.

SUPERVISION EXERCISED: Supervision is not a normal responsibility of positions in this classification.

ESSENTIAL FUNCTIONS: A person employed in this classification must possess the capability to perform the following duties to be considered for this position. The duties are essential functions requiring the critical skills and expertise needed to meet job objectives. Additional specific details of these essential functions may be provided by the specific office or department job announcement, if applicable.

1. Research right-of-way irons for road projects; use metal detector to locate buried irons. Research other court, office and government records for related survey work.
2. Establish or re-establish designated land claim corners, section corners or property corners. Measure the size of building and property involved.
3. Run preliminary survey lines for roads; establish distance and horizontal alignment between points.
4. Run levels for cross sections and profiles, etc. Run centerlines for road alignment.
5. Operate various pieces of survey-related equipment and instruments.
6. Develop and maintain effective, harmonious and reasonable work relationships with others.
7. Maintain regular and predictable work attendance.

OTHER FUNCTIONS:

8. Other duties as assigned.

RECRUITING REQUIREMENTS: (Additional specific details may be provided by the specific office or department job announcement, if applicable).

KNOWLEDGE, SKILL AND ABILITY: Knowledge of mathematics, including algebra and trigonometry. Knowledge of the principles, practices, procedures and methods involved in survey work. Knowledge of the equipment and instruments used in survey work, their operation and care.

Ability to use hand tools. Ability to understand and follow written and oral instructions. Ability to learn the operations of various pieces of surveying equipment and instruments. Ability to make mathematical computations and to keep accurate records. Ability to work out-of-doors in performing manual tasks and survey work. Ability to establish and maintain harmonious working relationships with superiors, fellow employees and the general public.

EXPERIENCE, EDUCATION AND TRAINING: One year of surveying experience as a member of a survey crew. Graduation from a senior high school, supplemented by additional college level coursework, preferably having attained an Associate Degree in surveying or related field. Any satisfactory equivalent combination of experience, education and training which demonstrates the ability to perform the work described.

NECESSARY SPECIAL QUALIFICATIONS: Possession of a valid motor vehicle operator's license and an acceptable driving record at the time of appointment may be a condition of employment.

PHYSICAL DEMANDS AND WORK ENVIRONMENT: Work is generally performed outdoors in all types of weather and in all areas of the county. Work requirements include the ability to see, talk, hear, sit, stand, walk, bend, stoop, kneel, jump and run. The ability to use hands to finger, handle or operate objects, tools or controls, to reach with hands and arms and to lift or move ninety (90) pounds is also required.