

Survey Technician

Reports to Survey Crew Chief/Survey Department Head

A. Overall Role

The Survey Technician assists in boundary and engineering-related surveys to prepare maps, plots, and plans depicting topography.

B. Essential Responsibilities

1. Holds level or stadia rod at designated points to assist in determining elevations and laying out stakes for mapmaking, construction, land, and other surveys.
2. Place stakes at designated points and drive them into ground at specified elevation.
3. Is familiar with and able to operate all of the instrumentation required for the collection or distribution of survey data (total station, data collector, level).
4. Mark points of measurement with elevation, station number, or other identifying mark.
5. Measure distance between survey points.
6. Transmit survey data to the proper files in the computer network.
7. Cut and clear brush and trees from line of survey.

C. Other Responsibilities

1. Perform occasional building and grounds maintenance.
2. File and index jobs once complete.
3. Keep work truck stocked with stakes, iron, flagging, etc.
4. Other duties as needed.

D. Working Conditions and Environment

The Survey Technician works primarily in the field. There is a considerable amount of travel to and from job sites. While performing the duties of the job, the employee is frequently required to stand up for eight hours or more at a time, walk in rugged conditions, and work in adverse weather conditions. The noise level in the work environment is usually loud. He/she must regularly lift up to 25 pounds, frequently lift up to 50 pounds and occasionally lift up to 100 pounds or more.

E. Education and Experience

1. Minimum
High school diploma or GED
2. Preferred
Associates degree in Land Surveying or related field