



Position: GPS/Survey Manager

Job Status: Full Time

Department: Operations

Reports To: VP/Chief Estimator

Schedule: Varies

POSITION SUMMARY: Conduct land surveys and GPS file construction to determine precise location and measurements of points, elevations, grades, lines, areas, quantities, and contours for earthwork projects such as road and highway construction.

ESSENTIAL FUNCTIONS

- Using Topcon GPS equipment calculates dimensions, locations and quantities of material, such as dirt, borrow, aggregate, and other construction materials to produce information for construction planning.
- Pound high lathe and/or other ground markers into ground marking cuts/fill limits, new road alignments, construction limits, slopes, etc.
- Assigns GPS equipment to company projects. Routinely monitors whereabouts and condition of GPS equipment. Initiates maintenance and repair procedures on GPS hardware and software as needed.
- Trains company employees how to properly use and handle GPS hardware and related systems.
- Sets up machine control GPS units on site. Ensures on site GPS equipment is working properly.
- Troubleshoots and corrects GPS problems in the field.
- Convert DOT and other design files for use by Topcon GPS and other company software.
- Using Agtek & Micro Station/Geopak software, arrange electronic data into useful format for construction planning and construction.
- Reviews and interprets project plans and specs for purpose of surveying.
- Keeps accurate notes, records, and sketches to describe and present work performed.
- Coordinates findings with project superintendents and project managers and others concerned with project.
- Travel to and from job site in company trade area (MT, NE, SD, WY)

POSITION QUALIFICATIONS

Degree in civil engineering or construction management or minimum five years experience working with Topcon, or equivalent GPS equipment, and total station on highway or other heavy civil construction projects and setting grade with various equipment on heavy civil construction projects. Clean MVR.

PHYSICAL DEMANDS/ABILITIES

Position requires employee to frequently stand, walk, twist, bend, handle objects, reach outward, and reach above head and shoulders, climb, squat, kneel, bend, and frequently lift /carry/push/pull/move/drag on flat ground or steep slopes up to 50 lbs.

WORK ENVIRONMENT

Work is outdoors and indoors. Working conditions outdoors range from frigid to hot temps, high winds, flying dust, slipping

hazards and conditions and frequently exposed to loud noise from heavy equipment and machinery.