Apex
Engineering Group

Location: Fargo Office

Engineering Services Group: Transportation

Employment Type: Full Time Position - Hourly

Position Description:

Apex Engineering Group has an opening for a Survey Technician located in our Fargo office. This is an opportunity to participate in establishing and expanding Apex Engineering Group's services in the region. The Survey Technician will primarily work under and report to a Survey Crew Chief and perform typical surveys in the field including topographic, boundary and construction surveys on various civil engineering projects including highway and urban roadway projects. Ideally the Survey Technician will also be capable of assisting design teams by using or be trained to use various CADD applications such as AutoCAD or Microstation when survey workloads fluctuate.

Qualification Requirements:

- High School diploma or equivalent is required.
- A 2-year Associates Degree in Engineering Technology or Land Surveying is highly desirable (applicable experience may be acceptable in lieu of an Associate's Degree).
- 2 or more years of topographic and highway/roadway construction staking experience preferred.
- Capable or familiar with operating GPS, robotic and total station survey equipment.
- Familiar with survey data collection and construction survey methods.
- Experience with CADD programs such as AutoCAD/Civil-3D or Microstation/GeoPak software is considered a plus.
- Perform simple surveying calculations using engineering calculator, laptop computer, and coordinate geometry software.
- Knowledge of Microsoft Windows/Office products (Word, Excel, Outlook and PowerPoint) required.
- Must be willing to interact with people and work in team environments.
- Must be detail orientated, self-motivated with strong interpersonal and organizational skills.
- A valid driver's license is required or the ability to obtain one.

Physical Requirements:

- Ability to sit and operate a computer under normal ergonomic office conditions.
- Required to work in an outdoors environment including construction sites and close proximity to traffic, noise and dust.
- Will require prolonged periods of standing and walking to perform some of the typical tasks and duties associated with topographic and construction surveying.
- May be required to clear vegetation, dig holes, occasionally shovel snow and pound stakes with hand tools.
- Ability to lift equipment or objects weighing 50 to 75 pounds.

Typical Tasks and Duties:

- Work with a Survey Crew Chief or Land Surveyor while performing land surveying services including plane and/or geodetic surveys for construction, topographic, right-of-way, and control survey projects.

- Gathers field survey data through the use of conventional surveying and GPS methods.

- Prepares accurate field notes, drawings and records change in conditions while in the field.

- May be required to assist with construction observation duties on civil engineering projects.

- Learn and follow surveying methods and standards as required by state and public agencies.

- Participates in pre-survey planning meetings with project managers and engineers on a consistent basis by providing updates and progress during all phases of projects.

- This position may lead to a more prominent role as a Land Surveyor or Crew Chief which will include becoming responsible for other survey personnel on a project and reporting to project managers and engineers.

- This position will require the initiative to think independently and make rational judgment calls.

- Effectively communicate with contractors, engineering staff and project owner representatives in the field.

- Understand and follow company employee handbook and mandated safety policies.

- Perform responsibilities in a conscientious, legal and ethical manner with a strong attention to detail.

- Must be able to work independently and in a team environment.

- Travel and out of town stays will be required; may work overtime especially during the construction season.

- Other duties as assigned.