

GPS Engineer

The **GPS Engineer** is part of the project team who helps both the Project Management Teams and the Superintendents. A GPS Engineer supports the GPS equipment on site and helps utilize the GPS equipment to make the job more efficient, aid in productivity, and calculate quantities on several job sites.

Major Duties and Responsibilities:

- Maintain and troubleshoot all the GPS base stations, machines, and rovers on the job site to determine layout of project i.e., curb locations, light post locations, etc.
- Perform layout and staking for the jobsite for construction crews.
- Collect topographic information for existing, ongoing, and final points to accurately calculate quantities for the job.
- Work with the Superintendent to provide timely information for excavation activities as well as collaborating with the Project Management Team to calculate final quantities for the job.
- Daily communication with the Project Management Teams, Superintendents, GPS Managers, subcontractors, GPS laborers, and GPS operators regarding scheduling.
- Train GPS laborers and GPS operators on the GPS equipment.
- Update GPS files when there are revisions to the job site plans.
- Use Carlson AutoCAD to draw up all points shot on the job.
- Working knowledge of the job specific plans and specs.
- Work with the Project Management Team to resolve plan and field issues/discrepancies.
- Responsible for Millimeter GPS, stringless paving, and drone technology.
- Continuously maintain a safe environment on the job site.

Required Skill/Knowledge

- Bachelor's degree in Civil Engineering or related field
- 1 – 4 years of civil construction experience or survey experience to include civil sites, roadways and/or building plans
- Previous internship in a civil construction role and/or equivalent work experience a plus
- Basic knowledge of CAD software and Microsoft Office
- 1 year of Carlson AutoCAD experience preferred
- Previous experience with GPS technology (Topcon and/or Trimble)
- Basic knowledge of surveying