



CIVIL ENGINEERING DESIGNER

The Blueline Group is actively searching for a qualified Civil Engineering Designer. He/she will be responsible for working with the Project Manager, Professional Engineers, and Drafters on private residential/commercial development projects and public municipal projects.

Primary responsibilities include:

- Coordination with review agencies, subconsultants, and clients.
- Preparation of plans and project documents.
- Evaluate engineering alternatives and resolve technical issues.
- Make independent assessment of engineering problems and recommend solutions to engineering discipline leads.
- Plan, coordinate, and execute work in a safe, timely, cost effective and compliant manner.
- Research and follow jurisdictional requirements unique to each project.
- Use Autodesk Civil 3d to design plan and profile views for roadways, grading, and utilities including storm drainage facilities, sanitary sewer systems, and water distribution systems.
- Perform complex mathematical calculations that required knowledge of geometry, trigonometry and algebra.

To perform the job successfully, an individual should demonstrate the following abilities:

- Strong mathematical and problem-solving skills.
- Ability to visualize 3-dimensionally when given a 2-dimensional sketch.
- Thorough understanding of land development industry and the role of Civil Engineering in it.
- Interacting positively and professionally with other employees, as well as clients and industry professionals.
- Maintaining a high degree of accuracy in all of his/her work.
- Excellent organization and time management skills.
- Ability to learn and retain new information quickly.
- Dependability and thoroughness.
- Experience using Autodesk Civil 3d and Microsoft Office 2010.

Education, Experience and Training:

- 4+ years in an engineering designer role.
- Past project experience required in following areas: subdivisions, mixed-use and commercial land development projects.
- Proficiency with Autodesk Civil 3d 2012 or better (2014 preferred).