



CIVIL ENGINEER-IN-TRAINING (EIT)

The Blue Line Group is actively searching for a qualified Civil Engineer-in-Training (EIT). He/she will be responsible for working with the Project Manager, Professional Engineers, Designer 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.
- Ensure technical accuracy, standard engineering practices, and inclusion of appropriate documentation on various reports and design projects.
- Evaluate engineering alternatives and resolve technical issues.
- Perform engineering interpretation of specifications and drawings, recommending and documenting design modifications, and coordinating with the design team.
- 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.
- Field investigation and documentation of downstream drainage systems.
- Perform quantity take-offs.
- 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.
- Run hydrologic models to analyze and size stormwater facilities and pipe systems.
- Perform complex mathematical calculations that required extensive knowledge of calculus, trigonometry and geometry.

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

- Strong mathematical and problem-solving skills.
- Strong communication skills; both written and verbal.
- Strong research and report writing skills.
- Ability to visualize 3-dimensionally when given a 2-dimensional sketch.
- Through 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.
- Experience using hydrologic modeling software such as KCRS, WWHM3, MSFlood, and StormShed.

Education, Experience and Training:

- BS Degree in Civil Engineering or Environmental Engineering.
- 2+ years in an engineering and/or intern role.
- Board of Engineer's Engineering-in-Training certification (or equivalent).