

Zahn Engineering, Inc. is seeking a Junior Level Civil Engineer in Training (EIT). You're offered an opportunity to work in a challenging, fast-paced, and team oriented environment that will utilize college education and work related experience to develop professionally into a well-rounded engineer with the ability to grow in today's multi-disciplined environment.

Join Zahn Engineering and make your mark among a team of engineering consultants that provides innovating solutions to transportation, development, government, and industrial clients. 35 years strong and 100-percent employee owned, Zahn Engineering is the right place for talented and motivated individuals who seek to distinguish themselves in a company poised for unlimited growth.

Essential Duties and Responsibilities:

- Design of Stormwater Best Management Practices (open channels, culverts, infiltration / exfiltration systems, detention, and/or retention basins), Erosion and Sediment Pollution Controls, Site Grading.
- Civil Site Design:
 - Construction Plans,
 - Erosion and Sediment Pollution Control Plans,
 - Stormwater Management Plans,
 - Site Development and Access Road Grading Plans,
 - Utility design: water, sewer, stormwater,
 - Maintenance and Protection of Traffic Plans.
- Coordination of other design professionals: surveying, geotechnical, environmental, landscaping and architecture.
- Hydrology and Hydraulic analyses.
- Preparation of calculations, drawings, specifications, and quantity and cost estimates.
- Preparation of Construction Documents.
- Preparation of various permit applications (including permits for water and sewer system extensions, earth disturbance, water obstruction and encroachment, building, subdivision and land development, grading)
- Utility coordination and value engineering.
- Feasibility studies and alternative analyses.
- Constructability field investigations, environmental monitoring, construction support and monitoring.
- Land planning, including rezoning, Future Land Use Amendment, variance applications, and other conditions involving land use.

Qualifications:

- Bachelors (B.S.) degree from an accredited college in Civil Engineering.
- Experience or concentration in General Civil or Water Resources Engineering beneficial.
- 0 to 4 years of civil engineering experience with title and salary adjusted as appropriate.
- EIT Certification or ability to take and pass the exam within six months.
- AutoCAD Civil 3D proficiency preferred.
- GIS proficiency is a plus.

Physical Demands and/or Other Job Information (if applicable):

- Ability to hike moderate distances through unimproved terrain, utility rights-of-way, in remote areas, etc.
- Ability to hear and visualize potential hazards during fieldwork or site visit situations.
- Zahn Engineering prides itself on the quality of its employees and as such, candidates who receive a job offer will be required to successfully pass a drug screening.