



CIVIL ENGINEER ENTRY LEVEL FULL TIME

Position: Civil Engineer Entry Level Full Time

Department: Engineering

Supervisor: Project Manager

Date: June 13, 2023

Job Summary

This is an entry-level position for someone with 0-3 years of experience in land development and site engineering. In this developmental role, the engineer will be mentored under the direction of a licensed Professional Engineer and will have the opportunity to apply engineering fundamentals to the preparation of design and construction documents.

Supervisory Responsibilities

There are no direct supervisory duties, although management of projects includes directing project-related activities of the project team members.

Qualifications

- Bachelor's degree in Civil Engineering or be enrolled in an Associate degree program with the intention of obtaining a Bachelor's degree in Civil Engineering.
- 0-3 years of experience in site development/land development engineering in the role of Project Engineer or equivalent.
- Familiarity with commonly used e-mail, word processing, and spreadsheet software programs.
- Professional registration as an Engineer-in-Training (EIT) a plus.

Essential Functions

- Utilize engineering experience, judgment, and education to solve engineering problems, seeking assistance from senior engineers when necessary.
- Input data into engineering software programs and other relevant applications.
- Develop proficiency in using AutoCAD software for design and Computer-Aided Drafting (CAD) applications.
- Prepare AutoCAD drawings based on original designs or sketches provided by others.
- Follow detailed steps, guidelines, and engineering principles applicable to assigned tasks.
- Identify discrepancies in results, make necessary adjustments, and ensure data quality and accuracy.
- Collaborate with the Project Manager to create and review detailed plans, specifications, and construction cost estimates, ensuring compliance with project scope and design standards.
- Perform routine engineering tasks such as grading, drainage, utility layout and profiling, and stormwater management facilities.

Required Skills/Abilities

- Technical capacity
- Communication proficiency
- Problem-solving/Analysis

Physical Requirements

This position may require prolonged periods of sitting and working on a computer. Must be able to lift 15 pounds at times. Reasonable accommodation may be made to enable individuals with disabilities to perform essential functions.

Travel

Travel is primarily local during business hours, though some projects might require more overnight and out-of-area travel. This trip will often be brief.



Work Authorization/Security Clearance

Applicants Must Be Currently Authorized to Work in the United States. MSA uses the U.S. Department of Homeland Security's E-Verify system to confirm employment eligibility. MSA is a federal contractor, it is to be anticipated that some positions might require security clearances.

AAP/EEO Statement

MSA is an equal opportunity employer. All qualified applicants will receive consideration without regard to race, age, color, religion, sex, marital status, national origin, disability, veteran status, or other classification protected by law.

Status

Full-time, Exempt position.

Special Requirements

Valid driver's license.