



Civil Designer I

Founded in 2016, ENGenuity Infrastructure is a full-service planning and engineering firm focused on building resilient communities. ENGenuity balances planning principles with technical engineering expertise to achieve the goals of our clients. We are WBE, SBE, and DBE certified in the State of New Jersey, and nationally certified as both a WBENC-WBE and WBENC-WOSB.

We are currently seeking an entry level Civil Designer. The ideal candidate should be a self-starter with a desire to build working knowledge of local, county, and state land use processes and regulations, and the ability to design plans under supervision, on time and on budget.

Technically, the right candidate will be proficient in AutoCAD Civil 3D, GIS, and able to demonstrate skills necessary to design site plans, roadway plans, grading plans, utility plans, earthwork, and profiles. The candidate should have an interest in public projects and the Land Development process for obtaining plan approvals. The candidate should also have a strong interest in learning to prepare civil construction documents, and in working on street analysis, planning, geometric design, and or transportation design.

Qualifications

- Bachelor of Science degree in Engineering
- Interest in learning local city, county and state land use processes and regulations (NJ)
- Fundamentals of Engineering or Engineer in Training (FE/EIT) Certification preferred
- Demonstrated Civil 3D skills with the ability to design site layouts concept through completion.
- Proficiency in technical skills in AutoCAD Civil 3D, GIS, and the Microsoft Office Suite.
- Interest in building codes, zoning codes and approval process as it relates to Civil Engineering.
- Excellent verbal and written communication skills. Ability to interact well with coworkers, clients, and regulatory agencies. Candidates with experience presenting projects to stakeholders and clients preferred.
- Strong attention to detail with excellent analytical and judgment capabilities. Highly organized.
- Self-starter with the ability to work independently.

Responsibilities

- Civil design including street analysis, planning, geometric design, conceptual layouts, grading, and modeling. Coordinates, writes and/or edits specifications, drawings, reports and data sheets for projects. Develops calculations, design documents, and permit applications.
- Supervised preparation of contract documents including reports, plans, specifications, details, and cost estimates.
- Accompanying supervisor to field inspections.
- Technical entry of civil project services and project discipline scope elements within budget and schedule.
- Gathers information for inclusion in engineering reports, technical studies.
- Perform basic quantity calculations and produce engineering analytical data and related information for accurate design and any technical reports.
- Review of local ordinances and regulations.
- Completes assignments on time and on budget.

ENGenuity offers a range of Benefits and competitive salaries commensurate with experience. This role is based in our offices in Red Bank, NJ.

For immediate consideration, please submit a cover letter and resume to admin@engenuitynj.com.

ENGenuity Infrastructure is an Affirmative Action and Equal Opportunity Employer, (Minority/Female/ Disabled/Veteran) participating in e-Verify.