SENIOR CIVIL ENGINEERING DESIGNER

Posting ID: EM1881347F

Company: TRU Engineering

Position Type: Full-Time

College Major(s): Civil Engineering (CEE)

Company Website: https://trudevco.com/

Work Location: Las Vegas, NV 89134

Salary: TBD

College Level(s): Alumni

OVERVIEW

TRU Engineering provides engineering consultant services during the predevelopment and construction phases for both public and private Commercial, Retail, Industrial, Schools, Office and Warehouse projects. Our scope of work includes Civil Engineering, Land Development and Planning/Entitlement services for Due Diligence/Feasibility Studies, Drainage Studies, SWPPPs, Traffic Studies, Civil Improvement Plans, Grading Plans, Demolition Plans and Utility/Offsite Improvement

Roles and Responsibilities

TRU Engineering has an immediate need for a Senior Civil Engineering Designer to join our development team of professionals designing multifamily, commercial and mixed-use projects. The Senior Civil CAD Designer position provides a great opportunity to grow with our team and advance your career. We have current projects requiring immediate AutoCAD Civil 3D design and development.

Mandatory Requirements

• Proficient in drawing and detailing civil engineering plans using AutoCAD Civil 3D
• Proficient in producing base drawings from raw field data through as-built drawings
• Proficient in using AutoCAD software to establish horizontal and vertical alignments, plans and profiles, pipe networks and cross sections
• Proficient in using Autodesk Civil 3D to perform accurate drafting and annotation for plan, profile and detail sheets in construction plans
• Proficient in creating 3D surface models using AutoCAD Civil 3D
• Proficient in using AutoCAD Civil 3D in preparation of plans for drainage, precise grading, horizontal control, water, sewer, storm drain, street improvements, details, signage and striping, for private infrastructure projects
• Ability to complete redlines for modification of existing plans and notes and preparation of new details or design elements
• Ability to prepare construction plan sets by compiling plan, profile, note and detail sheets to present a comprehensive design
• Ability to produce drawings and designs under minimal direction of the engineer or project manager
• Working knowledge of CAD standards, Civil 3D label styles, sheet set manager and

Marian Mason | Internship & Career Services Coordinator | coecareer@unlv.edu | https://unlv.edu/engineering/jobs

UNLV, Howard R. Hughes College of Engineering
drawing setup, alignments, profiles, surfaces and pipe networks
- Knowledge of the public agency processes in the Clark County Area
- Understand Civil vocabulary and terminology
- Attention to detail and thoroughness in completing multi-step tasks
- Experience working with engineers and senior designers on land development projects
- Excellent teamwork and communication skills to work in a fast-paced environment dedicated to meeting deadlines
- Experience completing construction plan sets
- 5-8 years minimum civil design/modeling experience in land development
- Experienced using Microsoft Office products
- Strong verbal and written communication skills
- Able to read architectural, structural, landscape, MEP and civil drawings

Preferred Requirements
- Technical degree or certification in CAD software and specific AutoCAD Civil 3D experience
- Bachelor’s Degree in Civil Engineering
- EI Certification

Job Responsibilities
- Develop detailed Civil design drawings using AutoCAD Civil 3D 2018 software
- Manage multiple assignments to meet project deadlines
- Follow engineering sketches to produce civil plans with minimum supervision.

Education and Qualifications
Bachelor's Degree in Civil Engineering/Design

Preferred Skills
AutoCAD, Construction, Drawing, Computer-Aided Design, Communication, Civil Engineering, Design, AutoCAD Civil 3D

How to Apply
Please submit resumes to: bw@trudevco.com