

We've got a great opportunity for an experienced CAD designer to join our team in our Denver, Colorado office. Are you detail-oriented, committed to providing excellent services and products, and looking for a great team and work environment? If so, we may be the place for you. Matrix Design Group, Inc. is an employee-owned engineering, planning, and environmental consulting firm with offices across the U.S. and on Guam. Our company offers the opportunity to work on interesting projects, work with great people, and enjoy a generous benefits package.

This position will primarily support our Water Resources Group; however, it may support other disciplines as necessary. We are looking for a team member who is motivated, detail-oriented, and committed to providing both our internal and external clients with the highest level of support and quality products. Previous work experience with water resource engineering strongly preferred.

Responsibilities:

- Under general supervision, with some exercise of judgment, prepares computer-generated engineering drawings according to established standards and procedures.
- Prepares civil engineering drawings from rough sketches or from general engineering and design information (verbal instructions and notes) using CADD software programs.
- Revises or changes drawings, traces and/or copies existing drawings and completes simple calculations with specific instructions.
- Understands and follows the company's standard CADD procedures for layering and standard drawing procedures for sheet layout.
- Quality checks all work and work of other designers to ensure complete and accurate plans are provided to engineers.
- Maintains schedules and offers progress reports.
- Identifies and resolves problems in a timely manner; gathers and analyzes information skillfully.
- Completes work within scope, schedule and budget limits.

Skills and Qualifications

- Use of profiles, alignments, and sections through Civil3D
- Modeling of river corridors in Civil3D with use of templates.
- Development of output to HEC-RAS and input into Civil 3D with use of River Analysis
- Delineation of drainage areas
- Development of 3D surfaces
- Understanding of file exchanges between Civil3D and Microstation
- Understanding of file exchanges between Civil3D and GIS
- Generation of sheet sets and utilization of data shortcuts
- Minimum of 6 years of experience as a CADD technician with civil emphasis and advanced proficiency in Civil 3D required.

- Ability to work independently, think critically and proactively, and work efficiently in a team oriented fast-paced environment.
- Ability to manage a wide range of responsibilities in a flexible manner.
- Willingness to assist with a wide range of projects and work with multiple project managers.
- Detail oriented.
- Strong organizational and time management skills.

To apply: Please visit the “Careers” area of our website to upload your resume.
<http://www.matrixdesigngroup.com/careers-matrix>

Matrix Design Group is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or protected veteran status and will not be discriminated against on the basis of disability. Any applicant with a qualifying physical or mental disability who believes s/he requires a reasonable accommodation for any part of the application process should contact us at 719-575-0100 for assistance. We apologize that we are not able to contact all applicants. Only those qualified applicants being considered for interview will be contacted.