

## **ABOUT CARTWRIGHT NOR CAL:**

Cartwright Nor Cal is a growing civil engineering firm specializing in planning, designing, permitting, and managing construction of land development and public works projects. Our professional staff includes Licensed Professional Civil Engineers, Certified Engineers-in-Training, and Designers. We focus on maintaining a culture of enjoyment at work through open communication, transparency in reporting, & having fun! We host regular group events and provide top-tier benefits for employees and their families. We are a group who loves what we do and takes ownership of the projects and tasks for which we are responsible.

## **ABOUT THE POSITION:**

The position of Civil Designer will be located in our Sacramento Regional office located in Granite Bay, CA. The ideal candidate has a basic understanding of engineering principles, design methods, and software, and is eager to expand their understanding and skills. Additionally, the model candidate will be able to work together with project team members on a daily basis to find innovative solutions to solving engineering problems. This teamwork offers mentoring opportunities to the Civil Designer in a collaborative atmosphere. The Civil Designer is an integral part of the design team, assisting with land development design for commercial, residential, and industrial land development projects throughout Northern California, Nevada, and Hawaii. The position is non-exempt, Hourly, and some overtime may be required.

## **REQUIRED QUALIFICATIONS:**

- Have or in process of completing a Civil Engineering Degree from an ABET accredited University or College, OR a minimum of three years of demonstrated design experience in Civil Land Development projects.
- A basic understanding of Autocad Civil 3D.
- Basic understanding of Microsoft Word, Excel, Outlook, & Project.
- Basic knowledge of Civil Engineering principles and practices for site grading, drainage, erosion control, stormwater quality, water, and sewer systems.
- Be detail oriented and willing to coordinate with a team to produce high-quality deliverables.
- Capable of using sound judgement when making decisions or seeking out solutions.
- Demonstrate good verbal and written communication skills.
- Communicate clearly and work well with others.

## **DESIRED QUALIFICATIONS:**

- Proficient with Microsoft Word, Excel, Outlook, & Project.
- Active participation in professional societies
- Applicable internship experience and/or work experience

## **PERFORMANCE:**

The Civil Designer will work with Cartwright Nor Cal team to successfully complete projects and exceed client goals and expectations by demonstrating attention to detail, producing quality deliverables, and adhering to project schedules and budgets. The Civil Designer must be a team member that is willing to take direction, research solutions, formulate and contribute ideas, and promote a positive culture to the

Cartwright Nor Cal work environment. The Civil Designer shall work to establish and maintain a positive reputation for Cartwright Nor Cal as a consulting firm through being extremely responsive, providing quality plans ready for construction, and providing services at a reasonable fee.

**EXAMPLES OF DUTIES;**

- Researching applicable design standards and jurisdictional codes.
- Reading and implementing jurisdictional conditions of approval and/or plan check comments.
- Under the direction of an Engineer, producing preliminary grading, drainage, and erosion control plans for planning applications.
- Under the direction of an Engineer, producing final grading, drainage, erosion control plans for construction permitting.
- Under the direction of an Engineer, producing drainage reports and performing storm drainage hydrology/hydraulic calculations
- Under the direction of an Engineer, performing water quality design and producing reports for selected site features.
- Perform routine or non-routine drafting assignments in AutoCAD Civil 3D.
- Preparing quantity takeoffs and construction cost estimates.
- Coordinate with Jurisdictional Staff, Clients, and other design consultants.

**SALARY:**

Commensurate with experience.

Send **Cover Letter**, **Resume**, and **References**