



ASSOCIATE ENGINEER (Water Resources)

At Dokken Engineering, we're looking for a fully competent, experienced individual to join our Hydraulics Design team. Dokken Engineering delivers innovative engineering solutions for local, state, and federally funded projects. Our core focus is transportation: *bridges, roadways, highways and interchanges, bicycle and pedestrian paths, dams, and other public works facilities*. Come join us to develop and implement innovative hydraulic strategies associated with transportation challenges -- on projects in the community you live in, regionally and throughout California.

We are seeking an **Associate Engineer/Water Resources** for our Folsom HQ office. Under the guidance of Senior Engineers, you will be providing a variety of professional civil engineering and hydraulics tasks. You will be performing engineering work and exercising independent judgment.

Essential Functions:

- Preparation of hydrologic analyses of large and small watersheds using a variety of calculation methods, including Rational Method, regression analysis, TR-55, and HEC HMS modeling
- Hydraulic analyses of gutter flow/spread, inlet efficiency, storm drain systems, ditches, culverts, and detention/infiltration basins
- Assessment of runoff water quality impacts and design of permanent treatment facilities
- Design of temporary and permanent erosion control methods
- Open channel flow modeling/analysis and scour calculations
- Preparation of plans, specifications, estimates, and reports associated with drainage design/analyses

Other Duties & Responsibilities:

- Coordination with internal/external disciplines, utility companies, subconsultants and clients
- Attend meetings, prepare meeting minutes, and address action items
- Perform quality control for reports/projects
- Mentoring less experienced staff
- Provide oversight for entry level staff
- Support marketing efforts

Minimum Requirements:

- Bachelor of Science in Civil Engineering or related field
- California Professional Civil Engineer license
- 5 to 10 years of progressive hydrology/hydraulic experience
- CA driver's license

NOTE: Job duties and responsibilities are subject to change at any time and may include other tasks, as assigned.

Other Desired Knowledge, Skills & Abilities:

- Strong working knowledge of hydraulic design software such as HEC-RAS, StormCAD, PondPack, CulvertMaster, WSPG, and other similar programs
- Stormwater Practitioner/Designer (QSP/D) certification a plus
- Effective interpersonal, verbal and written communication skills
- Strong technical writing and analytical skills
- Ability to work independently and as part of a team
- Experience with roadway design and CAD software such as Microstation, In-Roads, or AutoCAD

Physical Requirements:

- Will sit, stand or walk for the entire duration of a workday
- Will use telephone, computer system, email, or other electronic devices on a regular basis to communicate with internal staff and external clients, vendors, or the public
- Close vision, distance vision, peripheral vision, depth perception and ability to adjust focus
- Work mostly indoors. Occasionally work outdoors
- Usually work near others, such as in a shared office space
- Occasionally wear protective gear, such as a hard hat
- Sometimes work in noisy or distracting work environments
- Occasionally travel to a project site by automobile and/or airplane
- Occasionally work from a vehicle while at project sites

FLSA Status: Full-Time Exempt

Compensation: Competitive salary ranging from \$100,000 to \$125,000 commensurate with qualifications and experience

Benefits:

- Comprehensive health plan including medical, dental and vision coverages
- 401(k) Profit Sharing Plan with generous employer match
- Participation in Employee Stock Ownership Plan
- Life, accidental death and long-term disability insurance

Location: Folsom HQ Office; In-Person

Schedule: Full-time; Monday to Friday, 8:00 a.m. to 5:00 p.m.

Introductory/Probationary Period: At-Will Employment

Equal Opportunity Employer Statement:

It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age, or disability. Such action shall include employment, promotion, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training.

Date Posted: 2/17/2023

End Post: 3/17/2023