

Career Opportunity: Pavement Staff Engineer

GMU Geotechnical, Inc.
www.GMUgeo.com
February 2023



Company Overview

GMU Geotechnical, Inc. (GMU) has built a reputation spanning more than 50 years as a trusted consultant for some of the most challenging and recognizable projects throughout Southern California. GMU provides a full range of Pavement & Geotechnical services, as well as numerous other services not typically offered under one roof, including Structural Engineering, Grading Plans, Construction Management for Pavement & Geotechnical projects, Vibration Monitoring, Geotechnical Instrumentation, Laboratory Testing, and Forensic. Our comprehensive range of disciplines, as well as unique expertise in the fields of Pavement & Geotechnical Engineering, allows GMU to offer engaging and rewarding careers.

GMU is based in Rancho Santa Margarita, Orange County, California, which is located in the heart of Southern California near Los Angeles County, San Diego County, and the Inland Empire.

Major Responsibilities for Pavement Staff Engineer

GMU is seeking a Pavement Staff Engineer to join our growing team of pavement engineers. Types of projects range from high-profile public works infrastructure projects to private developer or residential projects. GMU also offers state-of-the-art pavement testing and analysis services, including in-house falling weight deflectometer (FWD) and ground penetrating radar (GPR). Engineer will be assisting with evaluation, design, forensics, and construction projects or tasks such as:

- Construction inspection, observation, and testing
- Pavement condition index (PCI) surveys of pavement networks
- Data processing
- Field investigations, including visual surveys, pavement corings, and subsurface explorations
- FWD, GPR, and DCP operation, testing, and analyses
- Pavement evaluation or design of maintenance, rehabilitation, reconstruction projects or new construction
- Preparation of daily reports, engineering reports, proposals, including plates, appendices, and cost estimates
- Lab data interpretation, assignments, and mix design development (AC mix design, soil-cement, etc.)
- AutoCAD and ESRI ArcGIS
- Practice attention to detail, efficient time management, proactive development of subject matter expertise, collaborate with others

Minimum Requirements

- 0 to 2 years of experience
- Bachelor of Science in Civil Engineering, with coursework in Pavement Engineering
- Strong written and communication skills
- Perform physical activities such as lift 30 lbs and walking for long periods of time
- Vehicle to travel to/from project sites

Preferred Qualifications

- EIT preferred
- Master of Science in Civil Engineering with pavement emphasis
- Proficiency in Microsoft Office Suite and Adobe Acrobat desired
- Experience in AutoCAD, ESRI ArcGIS, and pavement management software (Paver and Streetsaver) a plus
- Field and laboratory experience

Compensation and Benefits Package: The base salary range offered for this position is \$65,000 to \$75,000, plus 401(k) contribution matching, 401(k) profit sharing, profit sharing bonus, and paid holidays. Benefits package also includes medical, dental, vision, and life insurance.

How to Apply

If you possess more or less years of experience or educational background than what is required for this position, we encourage you to submit your resume as there may be additional opportunities for other positions. Please submit your resume to info@gmugeo.com.