



Services

GMU is a multi-disciplined engineering firm with over 50 years of experience.

Our services range from Geotechnical, Pavement, and Structural and Civil Engineering to various types of inspections and monitoring.

Geotechnical Engineering & Engineering Geology

- Comprehensive Experience with Virtually All Types of Private Development and Public Works Structures
- Full Range of Geotechnical Services
- GMU's Known for Complex Geotechnical Analysis and Difficult Sites
- Ground Motion Hazard Analyses and Site Response Analyses
- Geotechnical Instrumentation
- Geotechnical and Seismic Numerical Modeling
- Construction Vibration/Blast Consulting

Pavement Engineering

- Pavement Evaluation, Design, and Engineering of Streets and Parking Lots Including Full Plans and Specifications
- Comprehensive Caltrans-Certified Pavement Lab Including Pavement Mix Design
- Pavement Field Compaction, Plant Inspection, and Slurry Seal Testing
- Pavement Construction Management and Pavement Management Plans

Civil Engineering

- Project Types
 - Erosion Repair
 - Deep-Seated Landslide Remediation
 - Surficial Slope Repairs
 - Parking Lots
 - Streets
- Grading Plan Design
- Specifications and Bid documents
- Bid Support
- Plan Submittal and Permit Processing

Forensic Engineering

- Forensic Evaluation of Landslides, Structures, Pavement and More
- Expert Witness Consultation and Support

Soil and Materials Testing and Special Registered Inspection

- Geotechnical Observation and Testing and Grading Support
- Dual Certified Technicians Enabling Geotechnical and Special Registered Inspections In One Visit
- Comprehensive Field Inspection Services
- Soils and Registered Special Inspection

Structural Engineering

- All Types of Retaining Structures Including MSE Walls, Tie-Back Walls, Soil Nail Walls, etc.
- Outdoor Amenity Structures such as Gazebos, Shade Structures, Large Umbrellas, Seat Walls, TV Walls, Light Poles, Gates, Fences, etc.
- Full Plans and Calculations
- Combination Structural and Geotechnical Design Packages

Construction Management and Monitoring

- Construction Management for Pavement Projects and Construction of Structural Walls
- Comprehensive Preconstruction Services for Medium-Large Construction Projects
- Full Instrumentation Construction and Monitoring Services
- Stormwater QSP