

BRYAN E. PELTZER, P.E.
Senior Project Engineer

EDUCATION

Masters of Science, Civil Engineering, 2005, South Dakota School of Mines and Technology, Rapid City, South Dakota
Bachelor of Science, Geology, 2001, Calvin College, Grand Rapids, Michigan

REGISTRATIONS

Registered Professional Engineer - Arizona, PE 46834
Registered Professional Engineer - Colorado, PE 44662
Registered Professional Engineer - New Mexico, PE 19810
Registered Professional Engineer - Nevada, PE 021953
Registered Professional Engineer - Texas, PE 105469

EXPERIENCE

Mr. Peltzer has over thirteen years of experience in the field of Civil Engineering as a Geologist and Engineer. As a geologist, Mr. Peltzer performed subsurface explorations for the design of residential, commercial, industrial, and municipal projects in Michigan. During graduate school, Mr. Peltzer worked with the South Dakota Department of Transportation in Rapid City, South Dakota, where he reviewed plans and performed engineering inspections during construction of mechanically stabilized earth walls, bridge foundations, bridge abutments, bridge decks, drainage culverts, and roadway subgrade.

As an Engineer, Mr. Peltzer has managed projects that involve the forensic geotechnical evaluation and repair of residential homes in mass graded subdivisions and on custom lots, commercial and retail shopping centers and parking structures, underground utility lines, roadway subgrade, and public works projects such as pipelines, roadways, bridges, and educational facilities.

As a Senior Project Engineer and part owner of Peterson Geotechnical Group, Mr. Peltzer's experience has included coordinating geotechnical and forensic investigations, overseeing and monitoring field testing activities, overseeing laboratory testing, performing geotechnical calculations, as well as writing, reviewing, and sealing reports which convey professional opinions and recommendations. Mr. Peltzer has also provided expert witness testimony before the Arizona Registrar of Contractors and overseen repairs of homes on hillside lots in Maricopa and Pima Counties.

Mr. Peltzer's recent experience includes the following:

- Forensic geotechnical evaluations for numerous residential and commercial structures throughout Arizona, including Yuma, Bullhead City, Fort Mohave, Lake Havasu, Kingman, Show Low, Prescott Valley, Flagstaff, Benson, Holbrook, Phoenix metro, and Tucson.
- Design and oversight of geotechnical repairs for commercial and residential structures including the use of injection grouting, helical and push piers, micro-piles, non-structural cut-off walls, French drainage systems, and surface drainage improvements.
- Numerous moisture intrusion evaluations throughout Arizona in order to determine source(s) of moisture contributing to microbial growth, soil movement, efflorescence, and perched groundwater conditions.
- Review of engineering calculations for the installation of thousands of micro-piles and helical piers at two different solar power generation stations in the southwestern United States.

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers
Association of Environmental & Engineering Geologists
American Concrete Institute