

BRYAN W. REED, P.E.

Senior Geotechnical Engineer

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Bryan W. Reed is a graduate of the University of Arizona and a Senior Geotechnical Engineer with Smith & Annala Engineering Co. (SAECO). He has over 14 years of geotechnical engineering experience including performing, reviewing, and coordinating geotechnical investigations. Mr. Reed has provided these services for a variety of project types including commercial, residential, and industrial developments, power plants, water treatment plants, hospitals, educational facilities, highways, bridges, soil retaining structures, and slope stabilization. As Senior Geotechnical Engineer for SAECO, Mr. Reed conducts geotechnical analyses; prepares and reviews soil and foundation reports and specifications; reviews and provides technical support to engineers, technicians, and construction personnel; and assists in project management. Mr. Reed's project experience includes:

Red Rock Village - Red Rock, AZ

Project Manager for geotechnical investigation for the development of a 134 acre, 452 lot subdivision. Also included in the project was a 15.8 acre site for the model home complex of the subdivision, Sasco Road improvements, and 12.5 acre park. Provided geotechnical report and pavement design summary.

Tucson Modern Street Car - Tucson, AZ

Project Manager for geotechnical investigation and pavement design for all segments of the street car alignment. Geotechnical investigations were also provided for the electrical substations planned along the routes and the Maintenance & Storage Facility.

Ocotillo Elementary - Vail, AZ

Project Manager for geotechnical investigation for a new school to be located at this 12-acre site. The school will have five single-story buildings and associated parking and ball fields. Prepared geotechnical report which included recommendations for foundations, pavement design and construction, earthwork and drainage recommendations.

Mariposa Community Health Center - Rio Rico, AZ

Project Manager for geotechnical investigation for an approximately 16,000 square foot health care center and associated paved parking. Also provided recommendations for construction of a single-story 3,500 square foot pre-engineered building.

Tucson Airport Residence Inn - Tucson, AZ

Project Manager for the geotechnical investigation for a three story, 124 room hotel with a plan area of 25,500 square feet.

Bisbee Sewer Improvements - Cochise County, AZ

Performed geotechnical field investigations and coordinated laboratory testing for the construction of approximately 30 miles of sewer improvements in the Bisbee Area. Sewer improvements included sewer line replacement, a new sewer force main, an interceptor sewer line, an effluent line, the construction of Mule Gulch Lift Station and the construction of the San Jose Waste Water Treatment Plant.

EDUCATION

ME Geological Engineering, 2012,
University of Arizona, Tucson, Arizona

BS Geological Engineering, 2000,
University of Arizona, Tucson, Arizona

PROFESSIONAL REGISTRATION AND CERTIFICATIONS

Professional Engineer, Civil
Arizona, No. 44728

Professional Engineer, Civil
California, No. C81486

MSHA Certification, Exp.7/2014

EXPERTISE

Geotechnical Consulting Services for
Roadways, Industrial, Water/Wastewater
Treatment Plants, Pipelines, Buildings,
Bridges, Power Plants, Railways

EXPERIENCE HIGHLIGHTS

Numerous geotechnical transportation
projects including new major freeway
segments, multi-level interchanges,
emergency slope repair, and bridge
and roadway widening

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers,
Younger Member Forum, Past
President

Association of Engineering Geologists,
President, 1999-2000, Student Chapter

