

Kristi K. Bumpas, P.E., LEED AP

PRESIDENT / PROJECT ENGINEER

PROFESSIONAL EXPERIENCE

Ms. Bumpas is a project engineer responsible for geotechnical engineering projects and business development. She has extensive experience in soils testing and evaluation, pavement testing and evaluation and project management. Areas of focus include mitigation of expansive soils (including sulfate soils), pavement design and sustainable design through innovative geotechnical applications and foundation recommendations.

REPRESENTATIVE PROJECT EXPERIENCE

- **ETBU Student Center – Marshall, TX**
Conducted a geotechnical engineering investigation in expansive soils for an approximate 30,000 square foot (footprint) multi story building containing a food court, lounges, conference rooms, a chapel and offices. The project also included asphalt and concrete pavement recommendations.
- **OSU Henry Bellmon Research Center – Stillwater, OK***
Conducted a geotechnical engineering investigation in expansive soils for a 5 story laboratory, classroom and office building. This project included pressuremeter testing of the bedrock materials to provide a more cost effective drilled pier design.
- **OU Gaylord Hall, Phase II – Norman, OK***
Conducted geotechnical engineering investigation for a 3 story communications classroom and office building addition with an approximate 40,000 square foot footprint.
- **OSU-OKC Energy Technology Building – Oklahoma City, OK***
Conducted geotechnical engineering investigation for a single story 9,600 square foot building with associated parking and drive.
- **OU Gould Hall Addition – Norman, OK***
Conducted geotechnical engineering investigation for a 3 story architectural library addition with an approximate 25,000 square foot footprint.
- **OSU-OKC Safe Room – Oklahoma City, OK***
Conducted geotechnical engineering investigation for a single story 800 square foot building addition.

* Project was completed under previous employment

EDUCATION

Bachelor of Science, Civil Engineering,
Oklahoma State University

Masters Courses, Geotechnical Engineering,
Oklahoma State University

REGISTRATION

Oklahoma PE

Texas PE

AFFILIATIONS

American Society of Civil Engineers,
Past President

ASCE Geo Institute, Oklahoma Chapter
Secretary, Founder

American Council of Engineering Companies

Society for Marketing Professional Services

Edmond Chamber of Commerce

WORK HISTORY

Red Rock Consulting, LLC
Project Engineer, 2009 - Present

Shepherd Geotechnical Engineering, Inc.
Project Engineer, 2007 – 2009

Shepherd Engineering Design Co., Inc.
Project Manager, 2005 – 2007

Professional Services Industries, Inc.
Project Manager, 2003 – 2005