

Kristi Kelty Bumpas, E.I.

PROJECT MANAGER

SHEPHERD GEOTECHNICAL ENGINEERING, INC.

PROFESSIONAL EXPERIENCE

Ms. Bumpas is a project manager responsible for geotechnical engineering projects and marketing. She has extensive experience in soils testing and evaluation, pavement testing and evaluation, and project management.

REPRESENTATIVE PROJECT EXPERIENCE

- **I-40 Crosstown Relocation – Oklahoma City, Oklahoma**
Conducted geotechnical engineering investigation for two 1-mile sections of the project. Structures included bridges, retaining walls, drainage structures, and roadways.
- **Chickasaw Nations Campus – Norman, Oklahoma**
Conducted geotechnical engineering investigation for an approximate 80 acre site with three 3 to 4 story office buildings, a parking garage and associated parking and drives.
- **Vance AFB Force Protection Enhancements – Enid, Oklahoma**
Conducted geotechnical engineering investigation in expansive soils for 6 structures and approximately 6,200 feet of concrete road pavement. Environmental precautions were necessary for this site due to soil contamination as a result of activities at the base.
- **OSU Science & Technology Building – Stillwater, Oklahoma**
Conducted a geotechnical engineering investigation, including pressuremeter testing, in expansive soils for a 5-story laboratory, classroom, and office building.
- **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 sf footprint.
- **OU Gould Hall Addition – Norman, OK**
Conducted geotechnical engineering investigation for a 3 story architectural library addition with an approximate 25,000 sf footprint and associated parking and drive areas.
- **Multiple Airport Improvements – Various sites in Oklahoma**
Conducted geotechnical engineering investigations in expansive and non-expansive soils for building constructions, pavement reconstructions and taxiway extensions. Some projects included pavement evaluations with FWD testing and coring.
- **Multiple County Bridges – Various Sites in Oklahoma**
Conducted geotechnical engineering investigations recommending drilled pier and/or h-pile foundation systems for county bridges across Oklahoma.
- **Multiple Pavement Evaluations – Various Sites in Oklahoma**
Conducted pavement and subgrade evaluations, including FWD testing, for highways and turnpikes across Oklahoma.

EDUCATION

Bachelor of Science, Civil Engineering,
2003, Oklahoma State University

Masters Courses, Geotechnical Engineering,
2006 – 2007, Oklahoma State University

AFFILIATIONS

American Society of Civil Engineers,
Vice President

Commercial Real Estate Council,
Forecast 2008 Steering Committee

Society for Marketing Professional Services

WORK HISTORY

Shepherd Geotechnical Engineering., Inc.

Project Manager, 2007 – Present

Shepherd Engineering Design Co., Inc.

Project Manager, 2005 – 2007

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