

Jerry D. Shepherd, P.E.

VICE PRESIDENT/SENIOR GEOTECHNICAL ENGINEER
SHEPHERD GEOTECHNICAL ENGINEERING, INC.

PROFESSIONAL EXPERIENCE

Mr. Shepherd is the Senior Geotechnical Engineer responsible for all geotechnical engineering projects, marketing and risk management. **He specializes in geotechnical engineering on soft or marginal sites.** Other experience includes embankment design, slope stability and soil mechanics.

Mr. Shepherd was an engineer/manager in the Oklahoma City, OK area with another firm for 10 years. He was responsible for risk management operations of geotechnical and construction materials testing engineering projects. He was also responsible for marketing; engineering review, report writing, billing and overall profitability of the office.

Mr. Shepherd served as president of another engineering firm responsible for seven profit centers in two locations performing geotechnical, environmental and construction materials testing engineering functions. He also directed staff in marketing; presentations and budgeting.

Mr. Shepherd also owned and operated an engineering testing company for 18 years, directing five offices in two states.

REPRESENTATIVE PROJECT EXPERIENCE

- **Dell Center – Oklahoma City, OK**
Conducted geotechnical engineering investigation for a 40 acre site which was a closed municipal landfill. Performed design and quality control for dynamic compaction for entire site.
- **Belle Isle Station – Oklahoma City, OK**
Conducted geotechnical engineering investigation for shopping center site. Designed and monitored construction of the first wick drain system in Oklahoma.
- **Blue Canyon Wind Farm – North of Lawton, OK**
Conducted geotechnical engineering investigation for approximately 120 wind turbine towers in two phases located on top of a mountain. All foundations were in rock.
- **Bass Pro Building – Oklahoma City, OK**
Conducted geotechnical engineering investigation and construction monitoring for large building constructed on existing trash fill. Designed and monitored a geogrid/gravel building pad.
- **MAPS Ballpark Facility – Oklahoma City, OK**
Conducted geotechnical investigation and provided construction materials testing services for new ballpark.
- **Remington Park Racetrack - Oklahoma City, OK**
Conducted geotechnical investigation and provided construction materials testing services for the racetrack, grandstand, and parking area.

EDUCATION

Bachelor of Science, Civil Engineering,
University of Oklahoma

AFFILIATIONS

American Society of Civil Engineers, Past
State Section President

Consulting Engineers Council of
Oklahoma, Board of Directors, Past
President

WORK HISTORY

Shepherd Geotechnical Engineering, Inc.
Senior Geotechnical Engineer,
2007 - Present

Shepherd Engineering Design Co., Inc.
Senior Geotechnical Engineer,
2005 – 2007

Terracon,
Department Manager,
Geotechnical Engineering,
1995 –2005

Rone Engineers, Inc.,
President, 1994-1995

Professional Services Industries, Inc.,
District manager, 1990-1994

Shepherd Engineering Testing Co., Inc.,
President/Owner 1972-1990

- **National Center for Employee Development – Norman, Oklahoma**
Conducted geotechnical engineering investigation for an approximate 70 acre training facility campus with conference rooms, offices, and associated parking and drives.
- **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.
- **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.
- **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.
- **Lewis Field Refurbishment – Stillwater, Oklahoma**
Conducted geotechnical engineering investigation for the turf refurbishment of the football field.
- **OSU Student Housing – Stillwater, Oklahoma**
Conducted a geotechnical engineering investigation to replace Kerr Drummond dorms with a new student housing complex along with recommendations for the associated parking and drives.
- **Cardinal Glass Plant – Durant, OK**
Conducted geotechnical engineering investigation and construction monitoring of a full production glass plant which had expansive soil problems and embankment construction.
- **Big Lots Distribution Center – Durant, OK**
Conducted geotechnical engineering investigation for a large warehouse/distribution center which had extensive earthwork and expansive soils problems.
- **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.