

# **BRIAN W. STRICKLAND, P.E., P.L.S.**

## *Principal/Civil*

Brian is responsible for civil engineering design and project management. He has experience in design of transportation, water distribution system modeling, water main design, sanitary sewer collection, site development, and other municipal projects. Brian joined Strickland Engineering in January 1999 after spending four years on staff at the City of Cape Girardeau.

### **EDUCATION**

#### **B.S. Degree in Civil Engineering**

*University of Missouri at Columbia, Columbia, Missouri. 1994.*

#### **Post-baccalaureate study**

*Southern Illinois University at Carbondale, Carbondale, Illinois. 1995-1996.*

### **PROFESSIONAL REGISTRATION**

Professional Engineer, Missouri

Professional Land Surveyor, Missouri

### **PROFESSIONAL AFFILIATIONS**

Member of the National Society of Professional Engineers

Member of the Missouri Society of Professional Engineers

Member of the American Society of Civil Engineers

Member of American Consulting Engineers Council

Member of Consulting Engineers Council of Missouri

Member of Southeast Missouri Area Engineer's Club

### **REPRESENTATIVE PROJECTS**

*Saxony Lutheran High School, Cape Girardeau County, Missouri*

Strickland Engineering provided civil engineering and surveying services for the project. The project included planning and design of site layout, grading, sanitary sewer, storm sewer and stormwater detention.

*Southeast Missouri State University, Multi-Modal Transfer Facility, Cape Girardeau, Missouri*

Strickland Engineering is providing the civil site design as a subconsultant to HNTB Corporation for the proposed \$12 million project. Phase I of the project includes an access road connecting the transfer facility and Show-Me Center parking lots to the existing city street. Strickland Engineering is responsible for design of the access road, driveways, storm drainage, stormwater management, and utility connections to the facility.

*City of Cape Girardeau, Mt Auburn Road Extension, Cape Girardeau, Missouri*

The project is approximately 3,200 feet in length from South Kingshighway to Silver Springs Road and will include construction of a 48-foot wide concrete pavement section, stormwater drainage, stormwater detention, and modifications to the existing signalized intersection at South Kingshighway. Services include design, bidding, and construction layout.

*City of Cape Girardeau, Independence Street Reconstruction, Cape Girardeau, Missouri*

The project is approximately 1,000 feet in length from Pacific Street to Sprigg Street. The Independence/Pacific Street intersection will be reconstructed to improve drainage. The remainder of the project consists of curb and gutter replacement, surface milling and asphalt overlay, and sidewalk replacement.

*City of Cape Girardeau, Commercial Street Channel Improvements, Cape Girardeau, Missouri*

Strickland Engineering provided design and construction phase services for the project that consisted of the improvement of approximately 1,600 feet of drainage channel from South Kingshighway to the confluence with Cape LaCroix Creek. Construction included earthwork, a new box culvert, addition of wingwalls to the existing box culvert, concrete channel protection, concrete slope protection, and asphalt pavement.

## **BRIAN W. STRICKLAND, P.E., P.L.S. CONTINUED**

### *City of Jackson, Reservoir Cover, Jackson, Missouri*

The project includes removal of the existing roof system and construction of a new reservoir cover on the 233,000-gallon ground storage reservoir at the Water Treatment Plant. Services included design, bidding, and construction observation.

### *Cambridge Estates Subdivision, Jackson, Missouri*

The project included planning and design of a 33-acre residential subdivision in the City of Jackson. Phase I of the subdivision contained 2,187 feet of sanitary sewer. The sanitary sewer extension from the existing City system to serve the subdivision consisted of 1,814 feet of sanitary sewer, 2,126 feet of force main, and a pump station.

### *Parkview Terrace Subdivision, Jackson, Missouri*

The project included planning and design of a 3-acre commercial subdivision in the City of Jackson. The project will include extension of the City sewer system to the property and replacement of the existing pump station serving the watershed.