Position: President
Professional Engineer (IL, MO) Since joining PSBA, Michael has been responsible for project management of all projects located in the State of Missouri. Michael has nearly 12 years of project management experience.

Position: Executive V.P. & Structural Engineer
Professional Engineer (IL, MO, IA, KS) and a licensed Structural Engineer (IL). Since joining PSBA, Charlie has been the corporate officer in charge of structural engineering projects for the firm.

Position: Civil Engineer
Professional Engineer (IL, MO, IA). Zach has extensive experience with Share Use Trails, Safe Routes to School Projects, Site Design, Environmental, and general civil work. Zach has worked in the field as a project engineer and as a material/construction inspector.

Position: Civil Engineer
Professional Engineer (IL, MO, IA) Nate’s experience includes Municipal Design, Road/Highway, Site Design, Environmental, and general civil work. Nate has worked in the field as a survey technician and as a material/construction inspector.

Position: Electrical Designer
Todd focusses on electric and communication design. Todd has experience in signal design, camera detection and security, and street lighting.

Position: Sr. Engineering Technician
Bill has been with PSBA since 2007. Prior to working for PSBA, Bill was the Director of Public Works for the City of Keokuk, Iowa. Bill’s focus is on Street Design/Construction Inspection, Traffic Signal Improvements, and Storm Water.
PSBA has over 48 years of experience in providing a wide range of engineering, architectural, GIS and surveying services. Our team has the experience and the dedication to see a project from the design phase through to the ribbon cutting. Below is a brief description of just a handful of the trail and sidewalk projects that our team has worked on in Missouri, Illinois and Iowa.

**Levee Trail & Mississippi River Overlook, Canton, MO**
PSBA was hired by the City of Canton for the planning, design and construction inspection of 2,200-foot-long walking/hiking trail and a scenic overlook on the top of the existing Mississippi River levee. Design services included topographic, property and utility surveys sufficient to develop plans for the project; arranged for subsurface investigations as needed; reviewed possible alternative designs, prepared preliminary plans and cost estimate and recommended to the Local Agency the best overall general design; submitted preliminary plans, estimates and associated information for review by the Local Agency and MoDOT; prepared detailed construction plans, cost estimates, specifications and related documents as necessary for the purpose of soliciting bids for construction of the project; secured adequate ownership information to determine if additional ROW was required to build, operate and maintain the project; ensured compliance with water quality requirements by coordinating with the Missouri DNR and U.S. Army Corps of Engineers, and also insured compliance FEMA. Bidding phase included final corrections resulting from reviews by agencies involved and provided adequate number of plans, specification, and bid documents to the Local Agency; provided a list of qualified area bidders and assisted in advertising for bids. PSBA also assisted in evaluating bids and requesting concurrence in award from MoDOT.

**Sam A. Baker State Park, Wayne County, MO**
This project consisted of the construction of 8,700 LFT of 10’ wide paved bicycle/pedestrian access path that links campground #1 with Campground #2, the Visitor Center, the Park Store and the Dining Lodge. The path is adjacent to State Highway 143, which runs through the main public use area of the park. The purpose of this project was to divert bicycle and pedestrian users onto this path and off Hwy 143. In the past, park visitors used the highway as their access route to park facilities. Many of the park’s users were young and there was concern for their safety there were no shoulders on the highway. Per MoDOT staff, the 1994 traffic count for Hwy 143 was 670 vehicles/day. The speed limit outside the park was 55 mph, with a speed zone of 35 mph inside the park. Drivers did not adhere to the speed zone and on major holidays and weekends with heavy traffic, the concern for visitor safety increased. The construction of this path had the potential of serving approximately 384,000 people and is an asset both to the transportation system and the Park.

**Canton Lights & Sidewalk Program, Canton, MO**
PSBA provided design services for the City’s Lights and Sidewalks Program which also included installation of approximately 8-15’ tall historic period poles and luminaries. During the design phase, PSBA worked with the City and MoDOT to ensure compliance with the historic preservation requirements through coordination with the MO DNR. PSBA also worked with MoDOT during the bidding phase with final corrections resulting from review by agencies involved and provided plans and specifications to the City. In addition, PSBA provided the construction inspection for this project.
Paris, MO Grant Application and Main Street Lighting & Sidewalk
Design improvements for this project included approximately 6,700 sq. ft. of sidewalk along Main St and extended the historic period lighting from the county courthouse north to the railroad tracks which was completed in 2008. Scope-of-work included planning, design and construction inspection. These enhancements were made possible through Transportation Enhancement funds and were programmed as STP 9900(336).

Rolling Hills Road Improvement, Boone County, MO
PSBA was selected by the Boone County Resource Management department to develop an Urban section for a new Collector Corridor just outside of Columbia, MO. The 1.11-mile corridor runs from New Haven Rd to State Route WW (Broadway). PSBA provided engineering, planning, design and surveying services. PSBA led the planning process which included developing a new alignment, facilitating right-of-way acquisition, coordinating geotechnical investigation and relocating several major utilities. The project has required over 55,000 c.y. of excavation and 2 SWPPP. An additional SWPPP will be required for Phase 3 when the eastern 2 lanes are constructed. PSBA was also responsible for re-establishing the PLLS corners, creating vertical and horizontal control and establishing property lines, as well as providing exhibits for and attending public meetings concerning the project.

Sidewalk/Trail Along Bluff Road, Fort Madison, IA
PSBA prepared plans, cost estimates and construction specifications for a bike path/walking trail in the City of Fort Madison, IA. It provides a connection to a trail constructed in conjunction with the U.S. 61 four-lane bypass of the City. The project was bid with asphalt and concrete alternates to ensure the City received the best possible job for the money expended. The City decided to construct the trail 6’ wide using Portland Cement concrete. Bids were accepted on the project on September 25, 2001 and the trail was constructed during the fall of 2001. As part of this project, it was necessary to relocate four fire hydrants.

Keokuk Safe Routes to School, Keokuk, IA
When the City of Keokuk was awarded FHWA Safe Routes to School funds, they contracted with PSBA to provide professional design services. PSBA worked with the City, DOT, and school to develop construction documents and award a construction contract for these improvements. PSBA was hired by the City of Keokuk to provide design and construction engineering services for a Safe Routes to School, sidewalk improvement project. Design services provided included preliminary field surveys, preliminary plans, check plans, final plans, special provisions, final estimate of costs & project development certification. Construction engineering services included construction staking, construction observation/inspection, on-site materials testing, plant monitoring at the concrete ready mix plant.

Rodeo Park Trails Improvements, Fort Madison, IA
PSBA completed the topographic survey for the City of Fort Madison, IA for design, preliminary plans, and final plans for improvements included widening, replacing gravel surface with all-weather Hot Mix Asphalt surface, and improving grades to meet AASHTO.

5th Street Between Maine & Hampshire Streets, Quincy, IL
PSBA completed the topographic survey for the City for design, preliminary plans, final plans, all construction staking services, assisted the City in construction observations.