

## Michele A. Bogdon, PE | Senior Engineer

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### Professional Summary:

As a senior engineer, Ms. Bogdon is responsible for the forensic investigations of various types of structural facilities in commercial and residential buildings including foundation analysis, water intrusions, roof inspections, structural failures, and hurricane damages. She is also responsible for facilities services including property condition assessments for lenders, sellers, and buyers of various types of commercial properties. She is a registered professional engineer with experience in structural engineering and project management.

Ms. Bogdon's professional career contains a broad background of structural engineering experience in the areas of residential, commercial, and industrial buildings, research and development, and telecommunications as well as property condition assessments for facilities services.

- Timber design
- Structural steel design
- Reinforced concrete design
- Masonry design
- Project Management
- Report and manual writing
- Property Condition Assessments

### Licenses and Certifications:

Professional Engineer, AZ, #38231  
Professional Engineer, AR, #10923  
Professional Engineer, CO, #36854  
Professional Engineer, CT, #21349  
Professional Engineer, FL, #58304  
Professional Engineer, KS, #15338  
Professional Engineer, KY, #22112  
Professional Engineer, LA, #30408  
Professional Engineer, MA, #42501  
Professional Engineer, MS, #17013  
Professional Engineer, NV, #15984  
Professional Engineer, NJ, #42076  
Professional Engineer, NM, #15832  
Professional Engineer, NY, #77137  
Professional Engineer, OK, #20529  
Professional Engineer, TX, #87473  
Professional Engineer, UT, #517654-2202  
EVS/R – Roof Specialist

### Project Experience:

**EFI Global, Inc., Arkansas, Florida, Oklahoma, Texas, Utah, Louisiana**

**Structural Projects**

Investigated structures for areas of failure from fires, hurricanes, tornados, and wind. Performed site visits and investigations to determine amount of structural damage and potential repairs.

**EFI Global, Inc., Dallas, Texas  
DFW Business Center**

Performed seismic calculations for an existing building to determine if retrofitting necessary per the federal government guidelines.

**EFI Global, Inc., Arkansas, Colorado, Oklahoma, Louisiana, Texas  
Water Intrusion Projects**

Performed site visits and investigations into the cause of water intrusion causing mold damage to various residences and commercial structures.

**EFI Global, Inc., Arizona, Arkansas, Oklahoma, Louisiana, New Mexico, Texas  
Foundation Projects**

Performed site visits and investigations including foundation surveys to determine if the plumbing leaks caused foundation movement to various residences and commercial structures.

**EFI Global, Inc., Arkansas, Florida, Oklahoma, Louisiana, New Mexico, Texas  
Roof Investigation Projects**

Performed site visits and investigations to determine if wind or hail caused damage to roofs of various residences and commercial structures.

**EFI Global, Inc., United States  
Property Condition Assessments**

Performed site visits to determine the condition and required repairs/replacement items of each of the building and site components. Investigated any additional scope requirements (locating water intrusion sources, determining deferred maintenance items, determining structural condition, etc.). Determined cost estimates for capital expenditures. Researched the drawings, building history, and code information.

**Presnell Group, Pikeville, Kentucky  
Eastern Kentucky Exposition Center**

Designed and detailed the structural plan including the calculations for the lateral analysis, beams, slabs, canopies, and overhangs for the arena. Interfaced with the architect to provide solutions to various issues.

**Carter & Burgess, Inc., Texas, Colorado, Kansas, Missouri  
Winstar Projects**

Performed site investigations for the telecommunications industry for placement of antennas and suite build-outs and/or renovations. Responsible for two multi-disciplined teams.

**Hanington Engineering Consultants, Greenwich, Connecticut  
Cohen Residence**

Designed and detailed the structural plans for the renovation and addition of an approximate 33,000 sq. ft. residence, which included an indoor swimming pool, ice rink, basketball court, and stock trading center. Interfaced with architect and builders to ensure the home was built according to the plans.

**Hanington Engineering Consultants, Alpine, New Jersey  
Stark Residence**

Designed and detailed the structural plans for a new 22,000 sq. ft. residence including an indoor swimming pool and weight room. Interfaced with architect and builders to ensure the home was built according to the plans.

**Butler Manufacturing, Grandview, Missouri  
Shadowwall™ Project**

Managed the research and development of the design and implementation of the Shadowwall™ wall panel project. Proofed roll lines, and wrote the material specifications, builder erection manual, and the specification to program Butler proprietary software.

**Butler Manufacturing, Virginia  
Dry Mill Complex**

Designed and detailed custom parts for the metal buildings in the complex and evaluated the design of the engineer who designed the remaining buildings.

**Bliss & Nyitray, Inc., Charlotte, North Carolina  
Carolina Panthers NFL Stadium**

Assisted senior engineers with the design and detailing including lateral analysis, scoreboard, and miscellaneous beam calculations.

**Professional Experience:**

EFI Global, Inc. Farmers Branch, TX, Senior Engineer, 2001 - Present  
Presnell Group (QK4), Bedford, TX, Structural Project Engineer, 2000 - 2001  
Carter & Burgess, Inc., Fort Worth, TX, Assistant Project Manager, 2000 - 2000  
Hanington Engineering Consultants, Flanders, NJ, Structural Project Engineer, 1998 – 2000  
Butler Manufacturing, Grandview, MO, (Laurinburg, NC), Engineer II, 1995 – 1998  
Bliss & Nyitray, Inc., Coral Gables, FL, Structural Engineer, 1994 – 1995

**Education:**

Master of Science, Architectural Engineering, Kansas State University, Manhattan, KS  
1992  
Bachelor of Science, Civil Engineering, University of Miami, Coral Gables, FL, 1991  
Bachelor of Science, Architectural Engineering, University of Miami, Coral Gables, FL  
1991

**Affiliations:**

American Society of Civil Engineers  
Architectural Engineering Institute  
Structural Engineering Institute

**Publications and Presentations:**

Bogdon, Michele. "Fiber Optic Lighting." Master's Thesis, 1992  
Amori, PE RRC, David and Bogdon, Michele. "Squaring the Slab - An Engineering Perspective on Evaluating Foundations for Reuse", October 2014

\*\*Court and Litigation CV available on request