

## Charles B. Skaggs | Senior Forensic Engineer, Professional Engineer

1060 Elizabeth Street, Suite 7, Nicholasville, KY 40356

859-885-1518

[Charles.Skaggs@efiglobal.com](mailto:Charles.Skaggs@efiglobal.com)

### Professional Summary:

Mr. Skaggs has over forty-three years of experience in mining engineering, civil engineering, structural engineering, land surveying, project management, and design/build construction. He currently serves as a Senior Civil/Structural Engineer. He conducts forensic engineering investigations including structural damage analysis; evaluation of design, and construction of commercial, industrial, and residential structures; vibration damage investigations, and roof inspections. Mr. Skaggs also performs geotechnical investigations including slope stability, settlement analysis, and subsurface investigations.

- Civil Engineering
- Structural Engineering
- Roofing Services

### Licenses and Certifications:

Professional Engineer, State of Alabama Board of Licensure for Professional Engineers & Professional Land Surveyors, License No. 37769-E

Professional Engineer, Board of Licensure for Professional Engineers & Professional Land Surveyors AR, License No. 15947

Professional Engineer, Illinois Department of Financial & Professional Regulation, IL, License No. 062.040362

Professional Engineer, Indiana State Board of Registration for Professional Engineers, IN, License No. PE20023

Professional Engineer, Kentucky Board of Engineers & Land Surveyors, KY, License No. 12824

Professional Engineer, Missouri Board for Architects, Engineers, Land Surveyors & Landscape Architects, MO, License No. E-2002017820

Professional Engineer, State Board of Registration for Professional Engineers & Surveyors, OH, License No. PE75150

Professional Engineer, State Board of Architectural & Engineering Examiners, TN, License No. 107766

Professional Engineer, West Virginia State Board of Registration for Professional Engineers, WV, License No. 22906

### Project Experience:

Commonwealth Edison, Romeoville, IL  
Utility Coal Handling System

Design/build coal handling system to unload unit trains at Will County Station power plant and supply coal to storage piles or transfer to barge loading facility.

Calvert City Terminal, Calvert City, KY  
Coal Transloading/Blending Facility

Design/build coal unit train trans-load/blending facility located on the Tennessee River. Facility received western coal by unit trains for unloading, storage, blending, and re-loading onto barge for delivery to Tennessee Valley Authority (TVA) coal fired power plants.

IMI/GAB Robins, Madisonville, KY  
Class Action Lawsuit

Technical expert and expert witness for Alkali Carbonate Reaction (ACR) class action law suit in western Kentucky. Inspected ACR affected structures and provided repair recommendations for direct and collateral damage. Testified in civil court.

#### **Court Qualifications/ Depositions:**

Litigation CV available upon request.

#### **Professional Experience:**

EFI Global, Inc., Lexington, KY, Civil/Structural Engineer, 2010 – Present

Private Consultant, Mining & Civil Engineering, Land Surveyor. 2009

CES, Inc., Principal Engineer & Co-Owner, 1995-2008

Morris & Sons, Inc., Project Manager, 1990-1995

White County Coal Corporation, Chief Mine Engineer, 1982-1989

General Electric, Inc., Process Specialist, 1980-1982

U. S. Army, Corps of Engineers, Commissioned Officer, 1975-1980

#### **Specialized Education:**

N/A

#### **Education:**

Masters of Strategic Studies, U.S. Army War College, Carlisle, Pennsylvania 1997

Bachelor of Science, United States Military Academy, West Point, New York 1975

#### **Affiliations:**

National Society of Professional Engineers (NSPE)  
Kentucky Society of Professional Engineers (KSPE)  
Reserve Officers Association (ROA)