

## John R. Krewson | Engineering Consultant, PE

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### Professional Summary:

Mr. Krewson is Registered Professional Engineer with forty years of experience in planning, project management, engineering design and forensic evaluation. He has worked in both government and the private sector. During his career, he has prepared the designs and provided construction management for over one thousand engineering projects including comprehensive high schools, middle and elementary schools, hospital additions, churches, multifamily and single-family residential developments, and commercial and industrial projects. He has provided forensic engineering evaluations on over 200 projects

Mr. Krewson has civil engineering design and construction experience in grading, storm drainage, detention and hydrology, streets and highways, parking lots, sanitary sewers, septic system, water systems, dam and reservoir designs, and erosion control. He has structural design and construction experience utilizing steel, concrete, and wood for both single and multilevel structures including pre-engineered buildings, foundations, slabs, and retaining walls. Mr. Krewson has working experience with: AutoCAD Land Desk Top, AutoCAD Civil 3D, and Hydraflow engineering design software; US Army Corps of Engineers HEC-1, HEC-2 HEC-RAS, Check-RAS software; and RISA3D structural design software. Mr. Krewson also has extensive field experience in construction layout and land surveying. Mr. Krewson has provided active ongoing engineering supervision and coordination for all the projects he has designed.

Mr. Krewson has acted as an expert witness and provided forensic engineering reports on structural engineering, civil engineering, hydrology. His work has including structural collapse, wind damage, water intrusion, site work design projects, and flooding evaluations throughout the United States at all levels up to and including evaluations of major river systems. In 2011, Mr. Krewson worked extensively evaluating flooding resulting for Hurricane Irene and Tropical Storm Lee. In 2012 Mr. Krewson worked evaluating flood and wind damage resulting from Hurricane Sandy. In 2017 Mr. Krewson worked on damage evaluations after Hurricane Mathew. Mr. Krewson has provided depositions on high profile cases, working as an expert for both plaintiffs and defendants.

### Licenses and Certifications:

Registered Professional Engineer:  
Georgia - PE # 10228  
Florida - PE # 68675  
Alabama - PE # 12866-E  
South Carolina - PE # 8024

### Project Experience:

#### **Cobb County Board of Education**

##### **Marietta, Georgia**

##### **Kennesaw Mountain, Harrison, Pope and Lassiter High Schools**

Land surveying, site planning, site layout, site design, project permitting, construction staking, contract management and project closeout for four new comprehensive high schools constructed over a period of 16 years in Cobb County, Georgia. Site features designed included tennis courts, drives and parking, softball and baseball fields, soccer fields, football stadiums, and running tracks along with the storm drainage, storm water detention and water quality, water, sanitary sewer systems and landscape and playing field irrigation systems required to support the sites.

#### **Barnes Mill Development, Inc.**

##### **Marietta, Georgia**

##### **Letter of Map Revision for Barnes Mill at Covered Bridge**

Preparation of a FEMA Letter of Map Revision (LOMR) for one mile of Concord Creek flowing through a new 300-acre mixed use residential and commercial development. Work items included flood record review, flood limit surveys, revisions to the existing FIRM maps, HEC-1, HEC-2, HEC-RAS hydrology and hydraulic analysis of the drainage basin and creek for both pre-developed and post developed conditions, 100 and 500-year flood plain analysis, floodway analysis, Cobb County, Georgia and FEMA reviews and revisions to the report and exhibits.

#### **Abiding Grace Lutheran Church**

##### **Covington, Georgia**

##### **A New Church**

Structural design for a new 6500 SF church constructed using both wood and structural steel elements. The building included the sanctuary, the education wing, and an attached multi-landing 70-foot bell tower. Provisions for the construction of large future sanctuary addition were included in the structural design of the framing.

#### **GA 20 Ventures, LLC vs. Brock Design Group**

Expert witness for the defense in a ten-million-dollar professional liability lawsuit between the developer and the engineer for a large a mixed use commercial and residential development. The work included reviewing the civil engineering design plans and stormwater studies for the project, and the studies and plans presented by experts for the plaintiff. Prepared an alternate design for remediation that represented significant cost saving.

### Professional Experience:

EFI Global, Inc, Engineering Consultant, Atlanta, GA, 2009 – 2018

Krewson Vickrey, PC, President – Owner, Marietta, GA, 1977- 2018

Cobb County Board of Education, Staff Civil Engineer, Marietta GA, 1974 - 1977

Mayes Sudderth and Etheredge Inc, Project Engineer, Marietta GA, 1971 - 1974

Southern Railroad, **Engineering Co-op Scholarship Student.** Dorchester SC, Charlotte NC, Knoxville, TN, 1966 - 1970

**Education:**

University of Tennessee, Knoxville, Tennessee –  
Bachelor of Science in Civil Engineering - Structures – 1971

\*\*Litigation CV available upon request.