

J. Barton Weeks, MS, MBA, PE
President
Weeks Engineering Construction & Consulting, LLC

EDUCATION:

Samford University, Birmingham, AL
Master of Business Administration, May 1996, GPA - 3.73

Virginia Polytechnical Institute and State University, Blacksburg, VA
Master of Science in Civil Engineering (Structural Program), December 1989, GPA - 3.86

Auburn University, Auburn, AL
Bachelor of Science in Civil Engineering, March 1988, GPA - 3.80, Cum Laude

Tulane University, New Orleans, LA
Civil Engineering, Fall 1983 - Fall 1984, GPA - 3.80

WORK EXPERIENCE:

Twenty-three years experience in structural engineering and industrial, residential and commercial construction. Engineered and constructed over 70 complex remodeling projects and more than 20 residential homes. Performed home inspections, infrared inspections, structural inspections, building code analysis, building envelope analysis, failure analysis, special construction inspections for builders, attorneys, and owners. Experienced in the design of multi-story buildings, foundations, frameworks, and equipment enclosures. Serve as principal design engineer, construction manager, and business consultant on projects from residential to large industrial structures. Responsible for client contact and design means and methods. Act as a liaison between project personnel and the client on implementing value engineering. Responsible for technical leadership, construction drawings and specifications, engineering budget and schedule, and client and vendor contact.

Performed structural analysis and design calculations for commercial buildings, reviewed structural steel and concrete rebar shop drawings, provided site assessment of damaged building frameworks, and residential inspections. Utilized computer applications for structural analysis, roadway design, bridge design and storm drainage analysis. Have performed field surveys for residential construction, bridges, and roads. Supervised field personnel, procured materials, estimated material quantities, and scheduled construction sequence and timeline using project management software. Consult with companies on computer programming, database implementation, and web site design.

Prior employment includes work experience with *Raytheon Engineers and Constructors, Birmingham, AL, Fluor Daniel, Inc., Cincinnati, OH, Mark Diversified, Inc., Sacramento, CA, Gresham Smith & Partners, Nashville, TN, Turner Engineering Company, Nashville, TN*

UNIVERSITY HONORS & ACTIVITIES:

Auburn University Civil Engineering Outstanding Student of the Year, 1987
Alabama ASCE Student Engineer of the Year, 1987
Auburn University Alternate Outstanding Engineering Graduate, Winter Quarter 1988
Phi Kappa Phi, National Honor Society
Tau Beta Pi, National Engineering Honorary, Secretary 1986-1987
Chi Epsilon, Civil Engineering Honorary, President 1987-1988

PROFESSIONAL & COMMUNITY ACTIVITIES:

Registered Professional Engineer, Alabama
Registered Professional Engineer, Ohio
Licensed Alabama Home Builder and Remodeler
Registered Alabama Home Inspector
International Code Council (ICC), Professional Member
American Society of Civil Engineers (ASCE), Member
Structural Engineering Institute (SEI), Member
Greater Birmingham Association of Home Builders (GBAHB), Member
National Association of Home Builders (NAHB), Member
Structural Engineers Association of Alabama (SEAoAL), Member, Secretary/Treasurer - 1998, 1999
American Concrete Institute (ACI), Professional Member
American Institute of Steel Construction (AISC), Professional Member
American Forest & Paper Association's American Wood Council (AWC), Professional Member

PRESENTATIONS & PAPERS:

Residential Construction for the new Millennium, Birmingham Parade of Homes, 1999
Internet and Intranet Webs: Successful Design and Management for the Engineer and Contractor, Auburn University Extension Center, 1998
Masonry Construction, Auburn University Extension Center, 1998
Design of Engineered Masonry, Structural Engineers Association of Alabama, 1998
Concrete Construction, Auburn University Extension Center, 1997, 1998
Timber Construction, Auburn University Extension Center, 1997, 1998
Steel Construction, Auburn University Extension Center, 1996, 1997
FrameWorks Plus in a Production Environment, Fall IGUG, 1996
A Steel Design Comparison: LRFD vs. ASD, Virginia Polytechnic Institute and State University, 1989