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Richard J. Rogers, M.B.A., P.E.

Engineer: Civil/Structural

Construction Defects and Claims

Construction Estimating and Scheduling

Construction Accounting

Building Codes and Standards

Building Envelope/Water Intrusion Analysis

Failure Analysis

Building Damage Assessment

Structural Engineering Analysis

Roofs – Industrial, Commercial, and Residential

EDUCATION

- 2007** **Master of Business Administration**
University of South Carolina, Columbia, South Carolina
- 1993** **Bachelor of Science in Civil Engineering**
Clemson University, Clemson, South Carolina
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EXPERIENCE

**May 2002 -
Present**

*President, Rogers Construction Engineering
Columbia, South Carolina*

- Provide forensic engineering services including construction defect litigation, structural analysis, site evaluations, dispute resolution for contractors, insurance companies, real estate agents, building inspectors, and attorneys.
- Perform Building Condition Assessments.
- Provide technical reports with observations, analysis, research, conclusions and/or opinions.
- Perform site design services for commercial sites and residential developments.
- Manage multiple stages of successful project completion on design-build construction projects including residential and commercial construction and renovations.
- Design plans and specifications for construction projects.
- Secure permits and ensure adherence to building regulations.
- Manage subcontractors and provide cross-functional supervision of vendors, field staff, suppliers, design staff, office staff, and accounting staff
- Direct operations, including creating company vision and implementing long-range strategic plans along with overseeing office administration and staff hiring / training
- Perform financial forecasting and budget management.

**August 2009 –
December 2011**

*Consulting Engineer, The Warren Group, Inc.
Columbia, South Carolina*

- Conduct technical investigations of construction defects, incidents or losses related to residential, commercial, industrial and historic structures
- Provide estimating and scheduling services for renovation, retrofit, and new construction on wide monetary range of projects
- Provide construction accounting services to include deriving a schedule of values, monitoring payments, and analyzing pay applications
- Perform assessments of damage resulting from weather events including hurricanes, hail, high winds, tornados, flooding and excessive

ice build-up

- Inspect various types of construction and materials including, but not limited to wood framing, load-bearing masonry walls, steel framing, footings and foundations, elevated concrete slabs, concrete slabs-on-grade, retaining walls and miscellaneous proprietary systems
- Evaluate commercial, industrial, and residential roofs
- Additional case related assessments include, but are not limited to, fire damage, moisture intrusion, codes and standards research and site drainage
- Provide construction cost opinions, maintenance funding plans and betterment analyses
- Provide technical reports with analysis, conclusions and/or opinions at the completion of most investigations

**January 2008 –
February 2009**

Senior Project Manager/Estimator, J. R. Vannoy & Sons
Anderson, South Carolina

- Directed successful completion of varied retail projects including Lowe's Home Improvement, Dick's Sporting Goods, Staples, and Toyota
- Successfully estimated hard-bid and negotiated projects including solicitation, buyout, and contract negotiation for materials, equipment, and subcontractors.
- Management duties including scheduling, dispute resolution, and work coordination.
- Liaised with architects, engineers, vendors, subcontractors, and field staff to ensure schedule adherence and on-time delivery of projects
- Provided financial oversight including analyzing construction costs, budgeting, forecasting, analyzing pay applications and client invoicing

**March 1998 to
May 2002
March 1994 to
February 1997**

Senior Project Manager/Estimator, Hood Construction Company
Columbia, South Carolina

- Directed successful completion of varied design/build projects including educational, retail, hospitality, ecclesiastical, military, and office space
- Collaborated with clients to perform requirements identification, determine specification, and target design solutions
- Oversaw and coordinated with design team to provide project proposals for client approval
- Successfully estimated hard-bid and negotiated projects including solicitation, buyout, and contract negotiation for materials, equipment, and subcontractors.
- Management duties including scheduling, dispute resolution, and work coordination.

- Liased with architects, engineers, vendors, subcontractors, and field staff to ensure schedule adherence and on-time delivery of projects
- Provided financial oversight including analyzing construction costs, budgeting, forecasting, analyzing pay applications and client invoicing

**February 1997 –
March 1998**

Project Manager/Estimator, J.E. Crain & Son, Inc.
Nashville, TN

- Directed project team members to ensure on-time, on-budget completion of varied commercial projects for building contractor with over 100 employees and \$50 million in annual revenue.
- Collaborated in development of new contract development and completion;
- Managed all project stages, including client relations, along with estimating and bidding.
- Managed vendor and subcontractor relations as well as material buy-out.
- Worked closely with architects and engineers along with site inspectors to ensure project met permitting regulations.
- Scheduled varied project stages, performed cost and schedule forecasting.
- Analyzed budgets and coordinated billing and invoicing with accounting department.

PROFESSIONAL ORGANIZATIONS

American Society of Civil Engineers (ASCE)
Associated General Contractors
Urban Land Institute
Design-Build Institute of America
National Home Builders Association
United States Green Building Council

REGISTRATIONS

Professional Engineer in South Carolina, #21291
Professional Engineer in North Carolina, #039046
Professional Engineer in Georgia, #PE037031
National Council of Examiners for Engineering and Surveying (NCEES), #44405
General Contractor – Commercial in South Carolina, #G115946
Cal-EMA Certified Disaster Service Worker, #69581

SAMPLE CONSTRUCTION PROJECT LIST

- *Midlands Technical College Northeast Campus.* – Responsible for hard-bid estimate and project management for site development of new campus, construction of new manufacturing training facility, and construction of new 42,000 square foot administration/classroom facility.
- *Hayne Street Inn* – Responsible for management of Design-Build Project that included site development, heavy structural foundation stabilization, construction of underground parking garage, and construction of 28,000 square foot hotel/convention center in downtown Charleston
- *McEntire ANG Base Dining Hall/Joint Medical Training Facility* – Responsible for hard-bid estimate and project management for new 35,000 square foot facility including major site development, construction of new medical facility, and construction of adjacent industrial kitchen with new dining hall.
- *Fort Jackson Steam Line Replacement* – Negotiated project for replacement of HVAC piping throughout the base. Work involved construction of underground concrete cast-in-place trench for 16,500 linear feet of piping.
- *210-216 Waccamaw Avenue* – Responsible for design and construction of four new duplexes and associated parking lot. Complex to be used for student housing near the University of South Carolina.
- *Trustus Theatre Renovation* – Responsible for design-build restoration project that converted masonry and wood framed historic structure into offices, rehearsal space, and “black box” performance space.
- *1140 Ocean Boulevard Condominiums* – Responsible for Design-Build Project that involved development of Beachfront site at Isle of Palms, construction of 20,000 square foot parking garage, and construction of 24 high-end condominiums.
- *Second Union Baptist Church* – Responsible for Design-Build Project that involved a Sanctuary addition along with renovation to existing church building.
- *Sandel Elementary School Addition and Renovation* – Responsible for hard-bid estimate and project management for gym addition and complete school renovation including finishes, HVAC, Electrical, and Communications.
- *David Lipscomb University Harden Hall Addition – Phases 2 & 3.*- Project Manager/Estimator with Design/Build team for two major campus expansions that included a library addition, classroom additions, a new multipurpose gym, new cafeteria, and infrastructure improvements.
- *Groucho’s Deli* – Responsible for multiple design/build restaurants converting existing spaces into deli/kitchens.
- *Goodpasture Elementary School* - Project Manager for ten classroom addition project and stadium structure retrofit for private K-12 school.
- *Lowe’s Home Improvement Stores* – Project Manager and estimator for two shopping centers with Lowe’s being the Anchor tenant. Projects included contract negotiation, site development, and building construction.

- *Kroger Grocery Stores* – Project Manager and estimator for a shopping center with Kroger being the Anchor tenant. Project included contract negotiation, site development, and building construction.
- *Walgreen’s Drug Stores* – Project Manager and estimator for three new stores around the metropolitan area. Projects included contract negotiation, site development, and building construction.
- *Saluda’s Restaurant* – Building addition and renovation of historic downtown building for creation of new restaurant.
- *Spratlin Office Building* – Design/Build project with new site and building for office/warehouse.
- *Hood Construction Office Building* – New site and building for office/warehouse.

CONTINUING EDUCATION

October 21, 2011

"SC Section 2011 Fall Seminar", American Society of Civil Engineers, Columbia, South Carolina

- Post-Disaster Safety Assessment Program Evaluator Training – California Emergency Management Agency Certification, Michael Lingerfelt, AIA, LEED® AP, Lingerfelt Int.
- ASCE Disaster Response Initiatives, Michael Lingerfelt, AIA, LEED® AP, Lingerfelt Int.

February 10, 2011

“South Carolina Defense Trial Attorney’s Association Construction Law CLE”
Columbia, South Carolina

- Arbitration: Recent Opinions and Current Comments Regarding its Value as a Means of Resolution on the Merits
- Status quo bias, Reactive Devaluation, Optimistic Overconfidence and Other Heuristics in Mediation
- LJ to Crossman: How did we get here?
- Integrated Project Delivery, BIMS and Green Construction – A Gathering Storm
- Ethics and Civility
- Insurance for the Construction Industry: From a Coverage and Claims Perspective
- Five Important Things I tell Every Witness in Every Case Before Every Trial or Deposition

November 11 -14, 2009

“5th Congress on Forensic Engineering,” American Society of Civil Engineers, Washington, District of Columbia

- Façade Forensics
- Lecture at the National Building Museum
- Collapse III: Wood Trusses
- Concrete and Masonry Structures

- Building Envelope I: Performance
- Building Envelope II: Masonry Walls
- Soil II: Foundations Soils II: Foundations
- Non-Destructive Testing
- Wind I: Hurricanes & Tornadoes

August 31, 2009

“Building Failure Case Studies” South Carolina Society of Professional Engineers, Columbia Branch Meeting, Columbia, SC

September 1, 2009

“Condition Evaluation of Existing Structures” American Society of Civil Engineers, Reston, Virginia

August 27, 2009

“Large Loss & Complex Claims Investigations,” The Warren Group, Irmo, South Carolina

- Electrical Fire Causes
- Heat Exchangers and the Consequences of Breakdown
- Thermal Imaging Camera as a Tool in Investigating Hidden Defects
- Water Damage
- Fire and Explosion Demonstrations
- Losses Involving Corrugated Stainless Steel Tube (CSST)
- Low Temperature Ignition of Wood

2009

- *Application of Near-Surface Geophysics to Engineering and Environmental Projects*, Ned Billington, Schnabel Engineering
- *Hurricane Wind and Structural Engineering Testing*, Scott Schiff, PhD, Clemson University Wind and Structural Engineering Research Facility
- *Report Card on the United States and South Carolina’s Infrastructure*, Charles Black, Jr. PE, M. ASCE and Stephanie Van der Horst
- *LEED Core Concepts and Strategies*, U.S. Green Building Council, Washington, DC
- *“Green” Legislative Update*, South Carolina Chapter of the U.S. Green Building Council, Columbia, SC
- *LEED 2009 Update*, South Carolina Chapter of the U.S. Green Building Council, Columbia, SC
- *Failure Appraisement*, Decatur Professional Development, Florida

COURSES, SEMINARS AND LECTURES PRESENTED

June 15, 2012

“Construction Defect Expert Engineering” presented at South Carolina Engineering and Surveying Conference and Trade Show, Myrtle Beach, SC

March 2, 2012

“Weather Event or Construction Defect?” presented at 2012 Custard Insurance Adjusters CAT Conference, Columbia, SC

March 31, 2011

“Construction Defect Defined” presented at Course titled “Accident/Occurrence, Faulty Workmanship or “fuzzy”...has Crossman clarified anything?”, Columbia Conference Center, Columbia, SC

March 31, 2011

“Site Work Defect - Case Studies” presented at Course titled “Accident/Occurrence, Faulty Workmanship or “fuzzy”...has Crossman clarified anything?”, Columbia Conference Center, Columbia, SC

March 31, 2011

“Concrete Mix Design – Quality Control” presented at Course titled “Accident/Occurrence, Faulty Workmanship or “fuzzy”...has Crossman clarified anything?”, Columbia Conference Center, Columbia, SC

March 31, 2011

“Water Intrusion in the Building Envelope” presented at Course titled “Accident/Occurrence, Faulty Workmanship or “fuzzy”...has Crossman clarified anything?”, Columbia Conference Center, Columbia, SC

March 31, 2011

“Construction Defect Litigation Roundtable Discussion: Insurance, Legal, and Expert Representation” presented at Course titled “Accident/Occurrence, Faulty Workmanship or “fuzzy”...has Crossman clarified anything?”, Columbia Conference Center, Columbia, SC

March 15, 2011

“Construction and Building Issues in the Claims Industry” presented at AI Restoration sponsored seminar at NC Claims Adjusters Meeting, Wrightsville Beach, NC

October 21, 2010

“Chinese Drywall” presented at the Large Loss and Complex Claims Investigations Seminar, The Warren Group, Irmo, South Carolina

October 21, 2010

“What Makes a Building Green” presented at the Large Loss and Complex Claims Investigations Seminar, The Warren Group, Irmo, South Carolina

May 20, 2010

“Fire v. Floor: Burn tests of I-joists, Trusses, and Nominal Lumber” presented at the Large Loss and Complex Claims Investigations Seminar, The Warren Group, Irmo, South Carolina

March 13, 2009

Presentation on *LEED for Homes From the Trenches* presented at the South Carolina Chapter of the U.S. Green Building Council, Columbia, SC