



J. KEITH MAXWELL

EDUCATION Master of Civil Engineering, Auburn University,
June 1991
Bachelor of Civil Engineering, Auburn University,
August 1987

REGISTRATION Professional Land Surveyor, Alabama, June 16, 1989 (PLS 17262)
Professional Engineer, Alabama, February 4, 1992 (PE 17262)
Professional Engineer, Georgia, February 17, 2011 (PE 35820)
Certified Floodplain Manager, 2009 (CFM)
Real Estate Salesperson - Inactive, State of Alabama

AFFILIATIONS Alabama Society of Professional Land Surveyors, Member
Central Alabama Chapter, ASPLS, Past Chapter President
American Society of Civil Engineers, Member
Institute of Transportation Engineers, Member
American Congress on Surveying & Mapping, Member
Association of State Floodplain Managers, Member
Alabama Association of Floodplain Managers, Member
Founding Member, Auburn Progress Initiative
Past Treasurer/Board Member, Auburn Christian Foundation
Past Deacon/Song Director, Auburn Church of Christ

EXPERIENCE *Manager/Member*, June 1989 - Present, Pro17 Engineering, LLC (formerly Maxwell Engineering & Land Surveying, Inc. until February 2009) - Administrative and technical oversight of all aspects of a professional services civil engineering and land surveying business. Assist clients with municipal planning and entitlement approval for various project types including subdivision, commercial, and multi-family residential site development, and with planning and design of sanitary sewer and water utilities. Oversee all land surveying work types including boundary, topographic, aerial mapping control, utility mapping/inventory, construction staking, and flood zone hazard area surveys. Engineering design work also includes design of individual and multi-unit decentralized wastewater treatment systems as well as design and compliance inspection of erosion and sediment control works. I also provide fact and expert witness testimony on numerous engineering & land surveying subject areas.

Survey Manager, October 2011 – Present, G-Squared, LLC, Office manager for Alabama office and licensed land surveying manager for company. Oversee technical aspects of aerial mapping and photogrammetric work related to land surveying in the creation of aerial maps, GIS maps, and LIDAR maps.

Manager/Member, May 2010 – Present, AuburnBusiness.Com, LLC, Administration, management, and design of online marketing campaigns for local businesses to help them achieve front page Google ranking for relevant keywords, which enables them to reach their target market quicker than conventional marketing efforts.

Vice President, August 2002 – October 2005, Auburn Business Computing, Inc. Administration and management of computer repair and networking business including purchasing parts, preparing estimates and handling some technical support calls.

Adjunct Instructor, March 1994 – March 2004, Civil Engineering Department, Auburn University. Taught CIVL 2010: Intro to Surveying, CIVL 400: Advanced Surveying, CIVL 490: Computer Aided Roadway Design (Microstation & InXpress) courses and continuing education seminars.

Adjunct Instructor, March 1996 – March 2000, Building Science Department, Auburn University. Taught BSC 324: Construction Surveying course.

CADD Support Engineer, July 1988 – Dec. 1992, Alabama Highway Department (now D.O.T.), Montgomery. Managed the Computer Aided Drafting & Design (CADD) support and technical training for the Design Bureau, other bureaus, all Division offices and counties.

Graduate Research Assistant, August 1987 - July 1988, Civil Engineering Department, Auburn University. Coordinated research on software evaluation project and taught the Land Surveying lab.

Prof. Civil Engineer Trainee, Dec. 1984 - June 1986, Alabama Highway Department - Co-Op Program. Worked on all aspects of roadway & culvert construction during the construction of the northern bypass in Phenix City and the expansion of Hwy 280 between Phenix City and Opelika, AL.

Lab Assistant, Sep. 1984 - June 1986, Industrial Engineering Department, Auburn University. Graded technical drawings for IE 102 class.

Grademan, May - August 1983, Brown Brothers Construction Co., Anniston, Alabama. Performed construction surveying work during construction of Hwy 202 from Anniston Army Depot to Snow Street in Anniston, AL.

Field Artillery Surveyor, 1980-83, U. S. Army, Fort Polk, LA and Bad Hersfeld, W. Germany. Served as a computer and instrument operator in the survey section attached to a howitzer battery. Also served as a guard and radio operator during rotations on the East/West Germany border.

SEMINARS/SHORT COURSES TAUGHT

- “*Advanced Surveying*” – University of North Alabama – Semester Length, I personally taught this course for the AL D.O.T. in Alex City and coordinated Basic & Advanced Surveying courses in the Montgomery & Troy, AL offices.
- “*Roadway Design*” – Auburn University – Week long short course for County Engineers on Intergraph’s InRoads software for roadway design.
- “*Writing & Evaluation of Legal Descriptions*” - Half-Moon Seminars – Short Course, Birmingham & Montgomery, AL.
- “*ALTA/ACSM Surveys*” - Half-Moon Seminars – Short Course, Birmingham, AL.
- “*The Global Positioning System*” - Transportation Conference – Seminar Presentation, Auburn University, AL.
- “*Continuously Operated Reference Stations (CORS)*” – Transportation Conference – Seminar Presentation, Auburn University, AL.
- “*Erosion & Sediment Control*” - Half-Moon Seminars – Short Course, Birmingham, AL, August 2009.
- “*Land Surveying for Tax Mappers*” – Alabama Association of Assessing Officials – Seminar, Orange Beach, AL, August 2011

HONORS

Alabama Governor's Commendation for Heroism
Institute of Transportation Engineers Scholarship
Alabama Water Works Association Scholarship
Engineering Services Associates Scholarship
Army Commendation Medal for Surveying Excellence
Father of Raegan Lorene Maxwell since 1992

EXPERT WITNESS TESTIMONY

- “*Poplar Springs – Kenny Key*” – Talladega County, Alabama – expert witness hired by defense on drainage and flooding case on site in Eastaboga, Alabama. Court Testimony.
- “*Ray Henderson v. State of Alabama*” – April, 1996, Lee County, Alabama – expert witness hired by plaintiff on drainage & erosion control case adjacent to new roadwork in Phenix City, AL. Court Testimony.
- “*Ron Gaiser Arbitration*” – 2002-2003, Talladega County, Alabama – expert witness hired by defense on erosion control & drainage issues on a development site in Lincoln, Alabama. Deposition.
- “*CSX Railroad*” – 2003, Lee County, AL – surveying and consulting hired by defense on railroad accident reconstruction
- “*Septic System*” – Lee County, Alabama – expert witness hired by plaintiff on various septic system failure cases. Court Testimony.
- “*Hodges*” – Lee County, Alabama – expert witness hired by plaintiff on septic system failure case. Court Testimony.
- “*Staci Richardson*” - Russell County, Alabama – expert witness hired by plaintiff on septic system failure case. Court Testimony.

- *“Phillips FLP v. State of Alabama”* – 2006, Lee County, Alabama, consulting and expert witness hired by plaintiff on right-of-way condemnation case. Deposition.
- *“Atchley v. Crowley”* – 2006-2007, Lee County, Alabama – expert witness hired by defense on accidental injury claim related to sidewalk construction. Deposition.
- *“Price v. Reeder”* – 2006-2007, Lee County, Alabama – court appointed surveyor for boundary line dispute.
- *“Whitely & Coats”* – 2007, Lee County, Alabama – expert witness hired by plaintiff on storm drainage case. Deposition.
- *“Culpepper v Bi-State Contracting, Inc.”* – 2007, Russell County, Alabama – expert witness hired by plaintiff on property damage from improper construction practices case involving storm drainage flooding inside a house thru a sanitary sewer pipe. Deposition.
- *“Boltz v City of Gulf Shores”* – 2008-2010, Baldwin County, AL – expert witness hired by plaintiff on storm drainage & flooding case. Deposition.
- *“Pine Lake Properties v. Joann Stores”* – 2008, Lee County, AL – expert witness called by defense on erosion & sediment runoff, (had worked for plaintiff in the past)
- *“SWRA v. James D. Russell”* – 2008-2010, Tallapoosa County, AL – consulting for defendant on subdivision covenant & restriction case and testified as fact witness.
- *“Various Parties v. Alabama Power”* – 2008-2009, Walker County, AL – surveying & fact witness for defendant on point elevation for mine subsidence cases. Court Testimony.
- *“Saugahatchee CC v. Tiger Town & W.S. Newell”* – 2008-2012, Lee County, AL – consulting for plaintiff on erosion & sedimentation control case. Deposition.
- *“Woods Knoll, LLC v. City of Lincoln, AL”* – 2009, Talladega County, AL – consulting for plaintiff on erosion & sedimentation control case. Deposition.
- *“Murawski v. Green Construction, et. al.”* – 2009, Lee County, AL – consulting and witness called by plaintiff on septic system failure case.
- *“Anderson v Don Murphy”* – 2009-2010, Shelby County, AL – consulting and expert witness called by plaintiff on flooding case. Deposition.
- *“Jerry Smith v Peach State Land Development”* – 2009-2010, Elmore County, AL – expert witness called by defense on flooding and erosion & sediment runoff. Deposition.
- *“Lawley v Colonial”* – 2009-2010, Shelby County, AL – consulting for plaintiff on flooding case.
- *“Woltersdorf v Dolly Ridge Point”* – 2009-2012, Jefferson County, AL – consulting for plaintiff on settlement case. Deposition.
- *“Old Ivy”* – 2009-2011, Shelby County, AL – consulting for plaintiff on settlement case.

- *“Hammond v Hatch Mott”* – 2011-2012, Baldwin County, AL – consulting for plaintiff on drainage related to retaining wall failure.

Note: To date I have consulted or testified on approximately twenty eight (28) cases. On approximately twelve (12) cases I was called by the defense attorney and on fifteen (15) I was called by the plaintiff attorney. On one case I acted as the court appointed surveyor. This breakdown is given as data only. As an Expert I am only biased by the facts as I see them and offer my professional opinion independent of who is paying the fees.