

**MAUREEN L. DAVIS, PE, DFE**

**Office: 770- 979-6650**

**Cell: 678-907-6158**

**maureen@haight-davis.com**

**CURRICULUM VITAE**

**EDUCATION:** MS, Civil Engineering, North Carolina State University, 1998  
BS, Civil Engineering – Construction, North Carolina State University,  
Summa Cum Laude, 1993

**REGISTRATION:** State of Georgia, No. 030928

**PROFESSIONAL EXPERIENCE:**

2000-Present: **Haight Davis & Associates, Inc.** Davisboro, GA  
***Principal***

Construction consultant in civil engineering, construction engineering and building technology. Provides design services for buildings, inspections, evaluations, forensic engineering, litigation support, construction management, and replacement reserve studies. Provides expert witness testimony for building foundations, roofing systems, waterproofing systems, building envelope leaks, structural systems, construction defects, construction materials, construction site safety, trench and excavation safety, pavement assessments, erosion and sediment control, drainage issues, blasting evaluations, premises liability issues, building code and handicap accessibility code compliance.

1998-2000: **Williams Environmental Services, Inc.** Stone Mountain, GA  
***Manager of Project Controls and Contract Management***

Responsible for the oversight of all remediation projects. Duties included the continuous tracking of projects with respect to schedule and budget. Responsible for the tracking of all incoming proposals, the legal review of all contracts, contract negotiations with potential clients, and the review of all cost estimates. Instrumental in transforming estimates into working budgets for newly-awarded contracts. Responsible for the writing of project-specific manuals, to include financial and project management manuals.

***Project Manager***

Responsible for the on-site management of 3 Superfund site remediation projects in Cape Girardeau, Missouri, in Albany, Georgia, and in Fayetteville, North Carolina. Work included all cost control, budgeting, scheduling, subcontracting, quality control and client relations. At all remediation projects, managed the sampling, excavation, thermal remediation, and backfill of contaminated soils. Also responsible for building demolition, surveying, monitoring well installation and repair, drainage installation, and waste characterization and removal.

- 1997-1998: **North Carolina State University** Raleigh, NC  
***Graduate Research and Teaching Assistant***  
 Conducted research in the field of Human Factors and Ergonomics for the Construction Automation and Robotics Lab. Main focus involved “Technological Interventions to Reduce the Incidents of Back Injury in Residential Construction” while also working on “Underground Buried Utilities Detection and Damage Prevention”. Responsible for all grading, advising, and part-time teaching of an advanced Construction Equipment and Methods class.
- 1994-1997: **United States Army** Total Service (1986-2003) Fort Bragg, NC  
***Engineering Platoon Leader / Executive Officer/ Construction Officer***  
 Second in command of an Airborne Combat Construction Company (362<sup>nd</sup> Eng. Co.), providing design and construction of roads, parking areas, airfields, landing strips and building pads. Responsible for all aspects of construction, including quality control, field testing, surveying, scheduling, equipment utilization and maintenance. Strongly focused on soil stabilization, soil compaction and drainage issues. Successfully deployed 190 personnel and 183 pieces of construction equipment from Fort Bragg, NC to Yugoslavia/Bosnia during Operation Joint Endeavor in 1996. Served as Executive Officer and Construction Officer for the duration of the combat mission. Planned and executed construction projects to include road construction, road repair, quarry and blasting operations, establishment of base camps, and humanitarian work with nearby orphanage.
- Observer/Controller-Trainer (2002-2003)*** Fort Gillem, GA  
 Returned to active duty with Reserve Unit (4<sup>th</sup> BDE, 87<sup>th</sup> DIV (TS) 1/347<sup>th</sup>) for 9 months during Operation Enduring Freedom/Operation Noble Eagle to train GA National Guard Engineering units prior to wartime deployment to Iraq. Remained with each unit for entire duration from initial activation, equipment preparation, personnel training to eventual deployment to war.

## **PROFESSIONAL AFFILIATIONS**

National Academy of Forensic Engineers (NAFE), Member  
 American Society of Civil Engineers (ASCE), Member  
 National Society of Professional Engineers (NSPE), Member  
 Society of American Military Engineers (SAME), Member  
 Georgia Society of Professional Engineers (GSPE), Member  
 International Institute of Building Enclosure Consultants (IIBEC), Member  
 ASTM International, E-58 Committee Member  
 Order of the Engineer, Member  
 Chi Epsilon Civil Engineering Honor Society  
 SEAK, Inc., Faculty Member  
 Half Moon Seminars, Faculty Member

## **PROFESSIONAL CERTIFICATIONS**

GA Registered Professional Engineer (No. 030928)  
 GA Soil and Water Conservation Commission, Level II Design Professional (No. 39625)  
 NAFE Diplomate in Forensic Engineering (DFE)