



Mohamed E. Hassan, PhD, P.E.

4207 Stepney Dr, Gainesville VA 20155

(703) 898-0204

mehassan54@gamil.com

SUMMARY OF EXPERIENCE:

- 45 years of experience in the construction industry including teaching, construction management, and expert witness as follows:
 - 15 years of teaching experience in George Mason University, DeVry University and NVCC
 - 45 years construction management of commercial and residential projects.
 - 18 years Expert Witness; mediation and conflict resolution in Residential and Commercial
-

EDUCATION:

2012	PhD Civil, Environmental and Infrastructure Engineering Construction Management George Mason University, Virginia
1982	Master's degree in civil engineering Structure Analysis City College, New York City, New York
1977	BS in Civil Engineering Faculty of Engineering, Cairo University, Egypt

LICENSES:

License Professional Engineer (P.E.) in Virginia and Texas
Class "A" Contractor License in the state of Virginia & Washington DC
Expert Witness for construction project defects and disputes
VA Supreme Court Mediation Certification – J&DR, GDR

EXPERT WITNESS EXPERIENCE:

As an Expert Witness, I have testified and prepared expert reports for many disputed cases in the last 18 years, in Virginia and the District of Columbia (Washington DC) court systems.

The Expert Witness services included:

- Analysis and evaluation of each case in detail.
- Review of Engineering design including architectural, civil, structure and MEP.
- Review of building permits and Interpretation of building codes.
- Field visit and investigation of the subject project.
- Preparing Expert Evaluation Report
- Expert Opinion and testifying in the court.
- Preparation of cost estimates for work completed.

CONSTRUCTION EXPERIENCE:

Hassan Consulting Group
President

12/ 2007 to Present

Haymarket, Virginia

Managed planning, design and construction activities of several projects including:

- **PWIC Expansion:** design, county permits, site work and construction, Manassas VA.
- **Noor Residence:** Major Renovation of 5,000 SF Luxury Condo, Washington DC.
- **Birch Street Tire Sales:** 10,000 SF Tire warehouse Building, Manassas, Virginia.
- **Musa Residence:** Design/Build 5,000 SF single family home in Great Falls, Virginia
- **PWIC:** Design/Build 7,000 SF of commercial building for Islamic center in Manassas Virginia.
- **Dower Employment Center:** Design 15,000 SF mixed use of Office building and Auto shop.
- **Thorne Residence:** Design/Build of 5,500 SF of a Luxury Custom Home in Maryland.
- **Cox Trailer Building:** Design of 30,000 SF two stories Office building and sales show room.
- **Abdullah Residence:** Design / Build 1,800 SF addition in Fairfax, Virginia

Tristate Development
President/CEO

January 1995 – December 2006

Chantilly, Virginia

Leading the company in feasibility studies, analysis, management, design, and construction of many projects including:

- **United Central Bank:** 6,000 SF Bank office & teller spaces and received achievement award from bank owners.
- **SLM Concrete Building:** 16,500 SF of mixed-use Office Building and Auto shop.
- **Heron Pointe Subdivision:** Single Family Home subdivision, which included the construction of several luxury residential homes on a lake property.
- **Haymarket Residential Properties –** Completed the construction of two residential homes in Haymarket, VA (including architectural design, site development, and construction of approximately 7,500 and 10,000 SF single-family homes.
- **Pegg Run Townhouse Subdivision:** 37 Townhouse Subdivision, Maryland.
- **Patuxent Park West –** Planned Urban Development (PUD) of 173 units of mixed use of single-family homes, Townhomes and Apartments.

Universal Development
Division Manager

March 1992 – January 1995

Falls Church, VIRGINIA

Duties include Land acquisition, feasibility studies, engineering design and analysis, land development and construction.

- **Hunters Point Subdivision, Indian Head Highway, MD –** Design and development of a 59 single family home subdivision in Prince George's Count on a 37.86-acre land parcel.
- **Hunters Brooke Subdivision, Charles County, MD –** Completed preliminary engineering design and obtained county approval for a 319 mixed unit subdivision on a 200-acre land parcel.
- **Accokeek Landing East, Prince George's County, MD –** Prepared all engineering and obtained county permits for the development of the subdivision on a 30-acre land parcel.
- **Waters Edge –** Prepared a feasibility study and cash flow analysis for 249 units, which led to the purchase, development, construction, and sale of the property.

June 1986 – January 1992

OXON HILL, MARYLAND

**BMI Development & Construction
Regional Manager**

Managed all the design, development and construction activities including bid process, work schedule, development and construction, budgeting, quality control, and customer satisfaction for several projects including:

- **Barnaby Knolls, PG County, MD** – 57 single family Home Subdivision
- **Landova Heights, PG County, MD** – 23 single family Subdivision
- **Marlboro Meadows, PG County, MD** – 25 single family Subdivision
- **Windbrook Subdivision, PG County, MD** – 24 single family Subdivision
- **Meridian Village, Indianapolis, IA** – 52 duplex homes Development (PUD)

**LeRoy Callendar, P.C. Consulting
Structure Engineer**

**December 1985 – January
1987**

WOODBIDGE, NEW JERSEY

- Conducted structural analysis and design of reinforced concrete and steel structures, design and detailing of various types of bridges and appurtenant structures.
- Structure analysis and design of different buildings and hospitals.
- Structure analysis and design of retaining walls.

**Frederic R. Harris
Structure Engineer**

**January 1983 – December
1985**

NEW YORK, NEW YORK

- Design and analysis for the widening of three miles of the Garden State Parkway, which included the construction of three new steel bridges and one new reinforced concrete bridge.
- Structure design and analysis of foundation, piers, bridge, abutments, and bridge superstructures.
- Reviewed all shop drawings and maintained project within budget, time, and high quality.

**Joseph R. Loring & Association
Structural Engineer**

March 1980 – January 1983

NEW YORK, NEW YORK

- Performed investigations, studies, and analyses of all structural aspects at design and construction stages including preliminary design, estimates, specifications, and cost estimates for various types of bridges.
- Performed studies for the structural integrity of the Outerbridge Crossing for the Port Authority of New York.
- Design of several bridges including steel, concrete and precast concrete bridges.

TEACHING EXPERIENCE:

**George Mason University
Adjunct Professor**

Spring 2009 to 2015

Fairfax, Virginia

- Construction System and Management
- Building Information Modeling (BIM)
- Civil AutoCAD 3D design
- Reinforced Concrete Analysis and Design
- Strength of Material

DeVry University **2011 to 2015** **Manassas, Virginia**
Adjunct Professor

- Management Information Systems (MIS)
- Making Sustainability Work
- Global Outsourcing
- Project Management

Northern Virginia Community College **August 2000 to 2011** **Annandale, Virginia**
Adjunct Professor

- Engineering Economics
- Introduction to Engineering
- Structure for Architects
- Mechanics of Material

MEMBERSHIP:

- American Society of Civil Engineers “ASCE”
- Lean Construction Institute “LCI”
- Project Management Institute “PMI”
- Virginia Mediation Network