

**HENRY MONCURE**

**SUMMARY**

A Registered Structural Engineer with experience as a project manager for Facilities Design and Construction Projects. Strong experience as a strategic member of numerous corporate strategic project teams. Solution oriented by being able to draw on thirty five years of engineering design and project management experience on residential, institutional, commercial, and industrial projects.

**EDUCATION**

Virginia Military Institute- B.S. Civil Engineering

**LICENSES & CERTIFICATES**

Professional Engineer, Commonwealth of Virginia

**AFFILIATIONS**

American Concrete Institute;  
American Society of Civil Engineers (Past President Virginia Section);  
Roof Consultants Institute;  
Virginia Construction Users Council;  
Chester Rotary Club- Paul Harris Fellow

**CAREER HISTORY**

**FORCON International, Virginia - Forensic Civil/Structural Engineer**

Conduct forensic engineering investigations and provide expert witness testimony for cases involving property damage and the structural integrity of single and multi-family residential structures, office buildings, churches, warehouses, hotels, manufacturing facilities, parking decks, shopping centers, schools, and medical facilities as well as water intrusion issues, exterior envelop materials, building code compliance, retaining wall failures, construction collapses, floor system issues and water damage evaluation.

**PHILIP MORRIS USA, Richmond, Virginia**

**Senior Staff Engineer**

- Department coordinator for engineering coops;
- Civil/Structural/Architectural Team Leader for construction of \$50 million Facility for specialized tobacco products manufacture. Also served as liaison with City of Richmond for all site utility requirements.
- Civil/Structural/Architectural Team Leader for strategic study of nine manufacturing facilities statewide to determine the optimum location for a food grade facility.

- Coordinated zoning and planning requirements with York County for conversion of existing building into a tobacco products manufacturing facility.

#### **Staff Engineer**

- Established Corporate Roof Management that includes approximately eight million square feet of roofs. I have setup computerized database that encompasses current condition, repair and replacement recommendations projected forward over ten years. Annual spending has been about \$5 million per year since 1998.
- Organized Roof Management Core Team that included Manufacturing engineering, purchasing and finance representatives to assure that projects aligned with all corporate requirements.
- Launched Synergy Roof Management that included representatives from Kraft, Miller Brewing, and Nabisco. Established purchasing, technical and warranty requirements were optimized based on the overall team experience.
- Project manager for \$5 million Fire & Security Priority Upgrade Project that designed and installed eight guardhouses as well as a half mile long vehicle resistant architectural security fence in front of the Richmond Manufacturing Center.
- Civil/Structural/Architectural project coordinator for the fast track construction of a \$30 million facility to manufacture reduced harm products.
- Project Manager for design and reconstruction/reinforcement of a large existing earthen dam in Montana that was classified as a “High Hazard”.
- Structural consultant for numerous industrial projects.
- Developed welding procedures as well as setup corporate welder training and certification program.

#### **Senior Engineer**

- Civil/Structural/Architectural Consultant for investigation and restoration of a fire damaged Tobacco Processing Facility in Onnens, Switzerland. (approximately \$9 million)
- Team leader for new automated Tobacco Receiving System at the Richmond Manufacturing Facility. My efforts included coordination of an Italian Company’s efforts to provide and install automate truck unloading systems. (approximately \$6 million).
- Consultant for various projects at multiple facilities that varied in age from pre-Civil War to recent construction. Construction types included wood, concrete and steel.

#### **R. STUART ROYER & ASSOCIATES, Richmond, Virginia**

##### **Director of Structural Engineering**

- Managed procurement of Structural Consulting Projects as well as design of multiple water and wastewater Treatment Projects with average annual construction cost in excess of \$80 million.
- Performed construction administration for all projects that I designed.
- Managed designers for the production of contract documents for numerous projects such as Atlee High School in Hanover County(\$24 million).

#### **HANOVER ENGINEERS ,Richmond, Virginia**

##### **Project Design and Marketing Engineer**

- Developed marketing proposals for industrial, school, and commercial projects. Visited potential

clients and participated in project team interviews.

- Managed design and contract document preparation for Philip Morris USA Oriental Relocation Project. This project required renovation of an existing plant facility as well as development and manufacture of several new types of material handling equipment.
- Performed construction administration for all projects that I designed.

**HARRIS, NORMAN, and GILES**, Richmond, Virginia

**Project Design Engineer**

- Managed design and contract document preparation for the American Tobacco New York Relocation Project near Hopewell, Va. .This project required renovation of an existing plant facility.
- I organized and managed a construction inspection department. I directed other engineers making construction quality control inspections.
- Managed design and contract document preparation for Carpenter Center for Performing Arts.

**SEMINARS AND TRAINING**

ASCE Industrial Building Design;  
ADFC Drilled Foundation design ACI 318 seminars;  
AISC Design seminars;  
PMUSA Journey for New Managers  
Various American Management Association Courses;