



GARY A. PRESSWOOD  
& ASSOCIATES, LTD.

### **CURRICULUM VITAE**

Gary A. Presswood, ScD, PE

### **EDUCATION:**

BS, Southern Illinois University, 1970  
MPA, University of Nevada, Las Vegas, 1992  
ScD, So. California University for Professional Studies,  
2002

### **PROFESSIONAL ENGINEERING REGISTRATION:**

Nevada (Civil), 1987	#7569
Florida, 1984 (Inactive)	#35215
Indiana, 1975	#16032
Illinois, 1975	#62-33079
Pennsylvania, 1986 (Inactive)	#PE-035007-E

### **PROFESSIONAL SOCIETY MEMBERSHIP:**

American Society of Civil Engineers  
National Academy of Forensic Engineers  
National Society of Professional Engineers  
American Society for Testing and Materials (Past F-13 Committee  
Member - "Safety and Traction for Footwear")  
International Conf. of Building Officials (Professional Member)  
Human Factors and Ergonomics Society

### **PUBLICATIONS:**

*Vehicle Tire Failure and Sport Utility Vehicle Performance in a Consumer Society*, Doctoral  
Treatise, 2001

*The Skid to Stop Formula-Its Use and Misuse*, Advocate (Journal of the Nevada Trial  
Lawyers Association), February, 1995.

*Slips, Trips and Falls: A Primer*, Nevada Lawyer, April, 1995.

*Myths of Low-Speed Impacts Revealed!* (Proposed for Publication), National Academy of  
Forensic Engineers.

### **PROFESSIONAL EMPLOYMENT:**

1968-1972            **Phelps, Dodge Cable & Wire Co.**, DuQuoin, Illinois  
Quality Control Supervisor in responsible charge of production testing of low and high-  
voltage electrical transmission cable.

1972-1974            **Noblewood Construction**, Mt. Vernon, Illinois  
President & Chief Engineer for residential/commercial construction firm. Designed & built  
subdivisions and residential structures.

1974-1975            **Indiana State Board of Health**, Indianapolis, Indiana  
Industrial Waste Disposal Engineer for State of Indiana. Responsible for enforcement and  
compliance of industrial waste disposal throughout State of Indiana.

1975-1984            **City of Mt. Vernon**, Mt. Vernon, Illinois  
City Engineer in charge of all public works design and construction for the City. Duties included plan review and approval of all residential subdivisions and commercial construction, facility design and approval for roadways, street lighting, traffic control, water supply system, wastewater treatment & disposal, landfill, stormwater drainage plus road construction & maintenance. Assisted Police Dept. in vehicle accident reconstructions.

1980-1984            **Presswood Engineering**, Mt. Vernon, Illinois  
President and Chief Engineer. Performed surveying services and site design for commercial sites, residential subdivisions, school playgrounds, and public parking facilities. Provided expert witness testimony and opinion for state EPA, and local attorneys.

1984-1987            **Reynolds, Smith & Hills**, Jacksonville, Florida  
Site Development Department Head. Directed engineering and surveying for public and private clients including NASA, Depts. of Army, Navy, & Air Force. Performed complex engineering functions for international clients on various projects located in the Bahamas, China, Saudi Arabia, & Spain. Managed design of major highways and streets, airfields, boat harbors, shopping centers, industrial complexes, and land development projects generally from 100 to 10,000 acres in size. Served as firm's expert in matters concerning site development, construction failures, and environmental permitting.

1987-1992            **City of Las Vegas**, Las Vegas, Nevada  
City Engineer directly responsible for all engineering design and construction of public facilities including streets, storm drainage facilities, sanitary sewer collection and distribution, and traffic control. Also responsible for code compliance and plan review/approval of all private "on-site" construction projects as dictated by NRS and local ordinances. Served as City Project Officer in charge of coordination, development and approval of major projects including Summerlin, Del Webb Sun City, and CitiBank expansion.

1991-Present            **Gary A. Presswood, ScD, PE**, Las Vegas, Nevada  
Licensed, professional engineer serving attorneys, insurance companies, and land developers. Provide technical analysis and evaluation of vehicle accidents, slip/trip & fall, construction accidents & construction related issues. Extensive experience in issues of code compliance/interpretation, including UBC, ADA, OSHA, etc.

**PROFESSIONAL EXPERIENCE (SUMMARY):**

Site Design	Forensic Investigations
Slip/Trip Fall Analysis	Vehicle Accident Reconstruction
Construction/ADA Code Compliance	Roadway Design/Construction

## **DETAILED ROADWAY EXPERIENCE**

Gary A. Presswood, ScD, PE

A licensed Civil Engineer (in 5 states), Dr. Presswood designed and directed the design, construction, and maintenance of numerous roadways in many states and some foreign countries.

### **1975-1984 City Engineer, City of Mt. Vernon, Illinois**

As City Engineer for Mt. Vernon, Illinois, Dr. Presswood had ultimate technical authority over the design approval for new municipal streets. He also directed all street maintenance and was a principal participant in Mt. Vernon's award of a \$6.43 million Urban Development Action Grant (UDAG) which included development of major access roads and utilities for industrial development.

### **1984-1987 Site Development Department Head, Reynolds, Smith and Hills, Jacksonville, Florida**

Site Development Department Head for the international architectural, engineering and planning firm of Reynolds, Smith, and Hills, Dr. Presswood designed numerous local roads and street, collector routes, arterial roadways and interstate highways. The majority of roadway design was for Southeast U.S. locations and clients including U.S. Departments of the Army and Navy and NASA (Shuttle Rocket Booster Rehab. Facility). Dr. Presswood also designed roadways for projects located in the Bahamas, Spain and Saudi Arabia.

### **1987-1992 City Engineer, City of Las Vegas, Nevada**

Las Vegas City Engineer, Gary Presswood, had ultimate authority for the design, construction and maintenance for all roadways within the City, including the widening of West Sahara Avenue and the design and construction of the Summerlin Parkway and related streets, intersections, and traffic control devices. Summerlin is a major master-planned community (30,000 +/-) for which Dr. Presswood was the City's designated authority for all development and approval. The Summerlin roadway system included innovative "roundabouts", typically a European roadway development.

### **1992-Present President, Gary A. Presswood & Associates, Las Vegas, Nevada**

Dr. Presswood is the principal in the forensic and design firm of Gary A. Presswood & Associates. He has served as a forensic engineer and expert witness in over 1,000 cases, approximately 40% of which relate to vehicle accident reconstruction and/or roadway design and maintenance. Dr. Presswood also serves as a design and construction consultant for land development projects which include roadway design and construction and traffic control (i.e., signage, striping, lighting, etc.)