

RICHARD S. UNGER, PE

EDUCATION

1996 Washington University St. Louis, Missouri
Master of Science, Construction Management

1981 Southern Illinois University Edwardsville, Illinois
Bachelor of Science, Civil Engineering

1980 Florissant Valley Community College St. Louis, Missouri
Associate in Applied Science

PROFESSIONAL EXPERIENCE

July 2007 to Present St. Louis Community College at Florissant Valley
Professor, Engineering Department
Coordinator for Civil and Construction Technology Programs

Duties include teaching of civil and construction related material. Topics include concrete and steel design, scheduling, estimating, mechanics, statics, dynamics, construction materials and methods, surveying, CAD drafting and several additional construction related topics. As program coordinator, duties include management of part-time faculty in the program and establishment and management of a comprehensive program to keep classroom topics up to date with new technology.

July 2006 to Present MK & Associates, LLC
Civil/ Structural Engineer

Performs forensic engineering analysis in the area of structural and civil engineering. Work includes analysis of defects in design and construction of buildings and roads and accident reconstruction as applied to buildings, roads and construction safety. Products that rely on the art of applied science of structural and civil engineering for their design functionality and safety are heavily emphasized.

January 1999 to July 2006 Senne, Kelsey & Associates, Inc.
Consulting Engineer

Performed forensic engineering analysis in the area of structural and civil engineering.

August 1998 to Present St. Louis Community College at Florissant Valley
Associate Professor, Engineering Department
Coordinator for Civil and Construction Technology Programs

Duties include teaching of civil and construction related material. As program coordinator, duties include management of part-time faculty in the program and establishment and management of a comprehensive program

to keep classroom topics up to date with new technology.

October 1992 to August 1998

David Mason & Associates

Project Manager

Structural & Civil Engineer/ Construction Manager

As structural/civil engineer, duties included design of many steel framed, reinforced concrete, reinforced masonry, wood framed, post-tension and pretension concrete structures and site improvements for many projects both in the public and private sector. These projects included a 70 thousand seat domed stadium facility, 520 bed maximum security prison, parking garages, history museum, zoo facilities, numerous retail shopping centers and industrial structures. Several structures required special design for high seismic requirements. As construction manager/administrator, duties included construction observation and administration for commercial and public projects. Experience also included construction management on a large demolition project where half of an existing building was demolished and then a multi-purpose arena was built to adjoin to the remainder of the existing building.

August 1991 to October 1992

Kuhlman Design Group

Project Engineer

As structural engineer, duties included design of three below grade reinforced concrete stations for a light rail transit system. Each station as located in or next to existing structures with two of the existing structures built in the late 1800s. Design was also performed on a reinforced concrete structure located at a national airport.

April 1990 to August 1991

Leo A. Daly

Project Engineer/ Construction Manager

As a structural engineer, duties included design of a nine story steel framed office building located on the top of a five story convention center complex located in Honolulu, Hawaii. Also was a member of the design team for dewatering of the three levels of below grade parking at the same location. As structural/civil engineer, duties included on-site design of a five-hundred seat church and school. Responsibilities included all construction management for this project.

September 1980 to April 1990

Jack A. Sontag Consulting Engineers

Project Engineer

As structural engineer, duties included design of steel reinforced concrete, reinforced masonry and wood framed structures. Project size varied from two-car garage to three-story office buildings, supermarket chains, strip stores and numerous other projects. Project locations varied from coastal states along the Gulf and Atlantic, north to the Canadian border, as far west as Texas and many Midwestern states.

CERTIFICATIONS

Wisconsin P.E. License 30698

OSHA 10-Hour Certification in "Construction – Safety & Health"

Certified Safety Consultant by Missouri Division of Labor Standards

PROFESSIONAL MEMBERSHIPS

Member, American Society of Engineering Educators

Member, Missouri Association of Registered Land Surveyors (MARLS)

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