



# Richard S. Unger, PE

Structural/Civil Engineer

Applying structural/civil engineering principles to the analysis of defects in design and construction of buildings and roads, 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.



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## PROFESSIONAL EXPERIENCE

### Structural/Civil Engineer

#### **MK & Associates, LLC**

Forensic engineering analysis, accident reconstruction as applied to buildings, roadways, and construction, design defects, deposition and trial testimony.

### Professor, Civil Engineering Department

#### **Southern Illinois University at Edwardsville**

Teaching Statics and Fundamental of Engineering as a part-time faculty member.

### Projects/Construction Admiration & Design

#### **US Department of Veterans Affairs**

Scope of projects ranged from mechanical, electrical, structural, and other engineering projects to upgrade the infrastructure at the VA complex.

### Professor, Engineering Department

#### **Coordinator for Civil and Construction Technology Programs**

#### **St. Louis Community College at Florissant Valley**

Teaching civil and construction related materials such as concrete and steel design, scheduling, estimating, mechanics, statics, dynamics, construction materials and methods, surveying, CAD. Establishment and management of comprehensive program to ensure classroom curriculum is up to date with new technology.

### Consulting Structural/Civil Engineer

#### **Senne, Kelsey & Associates, Inc.**

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

### Associate Professor, Engineering Department

#### **St. Louis Community College at Florissant Valley**

Teaching of civil and construction related material.

## INTERESTS

Fishing

Woodworking

Camping

## EDUCATION

### Washington University

*Master of Science,  
Construction Management*

### Southern Illinois University

#### Edwardsville

*Bachelor of Science,  
Civil Engineering*

### Florissant Valley Community College

*Associate in Applied Science*

## MEMBERSHIPS

Member, American Society of  
Engineering Educators

Member, Missouri Association of  
Registered Land Surveyors (MARLS)

Member, American Concrete Institute  
(ACI)

### Project Manager

#### Structural & Civil Engineer, Construction Manager

##### David Mason & Associates

Design of large and small structures, construction observation and administration for commercial and public projects.

### Project Manager

##### Kuhlman Design Group

Design work as structural engineer.

### Project Manager/Construction Manager

##### Leo A. Daly

Design work as a structural engineer and construction management for projects.

### Project Engineer

##### Jack A. Sontag Consulting Engineers

Design work as a structural engineer on various sized projects at locations from coastal states along the Gulf and Atlantic, north to the Canadian border, as far west as Texas, and many Midwestern states.

## CERTIFICATIONS

Wisconsin PE, License 30698

Certified Safety Consultant by Missouri Division of Labor  
Standards

## PUBLICATIONS

Earth Science – You and the Earth  
*Great River Publishing Company, 2016*