

Daryl E. Young, P.E. | Forensic Structural Engineer

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Professional Summary:

Mr. Young has over 30 years of experience in civil and structural engineering. He is experienced with structural forensic evaluations to determine causation of damage and provide structural repair recommendations as required.

In addition, Mr. Young's expertise includes design and analysis of wood framed structures, including buildings from one to four stories which service an array of occupancy types including one and two family dwellings, multi-family residential, clubhouse, retail, office, manufacturing facilities, etc.; design and analysis of Post-Tensioned Slab-On-Ground Foundations on various types of soils including expansive, compressible, and stable; and design and analysis of low rise masonry and steel structures on concrete foundations.

Mr. Young has served as a past member of the Post Tensioning Institute's DC-10 Slab-On-Ground Committee.

Licenses and Certifications:

Professional Civil Engineer, AZ, #33156

Professional Civil Engineer, CA, #66473

Professional Civil Engineer, CO, #53146

NCEES #18276

Project Experience:

McKinley National Memorial, Canton, OH

Forensic Evaluation – Impact Damage

Perform extent of vehicle impact damage to the stone stairs and patio areas surrounding the tomb of President William McKinley

Manufacturing/Warehouse Facility – Tiffin, OH

Forensic Evaluation – Structural Damage; Weight of Ice and Snow

Perform extent of damage and summary for structural repairs of a steel framed, light gage metal building.

Colborn Residece, Pinetop, AZ

Forensic Evaluation – Structural Damage; Differential Settlement

Perform forensic evaluation of interior and exterior damage to a single-family dwelling to determine causation.

Bergquest Residence, Prescott, AZ**Forensic Evaluation – Structural Damage: Fire**

Perform forensic evaluation to determine the extent of structural damage caused by building fire and provide recommendations for the structural repairs.

ASU Student Housing Structure, Tempe, AZ**Structural Design**

Provide structural design services for a four story, mixed use residential/retail structure. Construction included wood framing, isolated steel support members, and post-tensioned concrete slab-on-ground foundation system.

Villa Siena Office/Banquet Center, Gilbert, AZ**Structural Design**

Provide structural design services for a single story, mixed use office/retail/banquet facility. Construction included wood framing, isolated steel support members, and post-tensioned concrete slab-on-ground foundation system.

Custom & Tract Housing, Arizona and Nevada**Structural Design**

Provide structural design services for hundreds of wood framed residential structures on various foundation systems including concrete stem and footing, reinforced concrete retaining walls and footings, and post-tensioned concrete slab-on-ground

Court Qualifications/ Depositions:

Litigation CV available upon request.

Professional Experience:

EFI Global, Inc., Forensic Structural Engineer, Mesa, AZ, 2009 - Present
Ambassador Engineering, LLC, President, Gilbert, AZ, 2009 - Present
Jordan Engineering Group, LLC, Senior Engineer, Phoenix, AZ, 1998 - 2009
Prugar Consulting, Inc., Project Engineer, Middleburg Heights, OH, 1993 - 1998
McCoy Associates, Inc., Engineer In Training Akron, OH, 1992
Prugar Consulting, Inc., Engineer In Training, Middleburg Heights, OH, 1991

Education:

Master of Science, Civil Engineering, Case Western Reserve University, Cleveland, OH, 1992
Bachelor of Science, Civil Engineering, Case Western Reserve University, Cleveland, OH, 1991

Affiliations:

America Society of Civil Engineers

Courses Instructed/ Guest Lecturer:

At Jordan Engineering Group, led in-house training for the Lateral Design of Wood Framed Structures and for the Structural Design of Post-Tensioned, Slab-On-Ground Foundations.