

Joseph P. Zbick, P.E., CXLT
Augspurger Komm Engineering, Inc.
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EDUCATION

Graduate Certificate in Human Factors Engineering and Ergonomics, The Pennsylvania State University, 2021
B.S. in Structural Design and Construction Engineering Technology, The Pennsylvania State University, 1992
A.S. in Architectural Engineering Technology, The Pennsylvania State University, 1990

EXPERIENCE

Mr. Zbick has over 26 years' experience in the analysis, design, inspection and evaluation of new and existing structures including buildings, roadways and bridges, as well as a wide array of structural systems for industrial, manufacturing and mechanical equipment. His experience includes both contemporary and historic structural elements with expertise in different types of building materials and components including trusses, foundations, concrete, masonry (reinforced, unreinforced, brick and adobe) steel and wood.

Additionally, Mr. Zbick is experienced in forensic investigations and failure analysis of building systems including, foundation and superstructure, finishes, fenestration, pedestrian safety, walkway and roadway surfaces, means of egress, grading and drainage, and construction safety.

PROFESSIONAL REGISTRATION

State of Arizona, Professional Engineer (Structural) #38833
State of New Mexico, Professional Engineer #21534
State of Texas, Professional Engineer #133427
Certified XL Tribometrist #1610637

EXPERIENCE

2015 - Augspurger Komm Engineering, Inc., Structural Engineer
2009 - 2015 Zbick Engineering, LLC, Principal/Owner
2001 - 2009 AED, Inc. Structural Engineers, Principal Structural Engineer
1997 - 2001 Caruso, Turley, Scott, Inc., Structural Engineer, Structural Designer
1996 - 1997 Terracon Consultants, Inc., Technician/Staff Engineer
1993 - 1995 Various Consultants, Exploratory Drilling, Bridge and Highway Construction Inspector

PROFESSIONAL AFFILIATIONS

Timber Framers Guild
American Concrete Institute
American Society of Safety Professionals
American Institute of Steel Construction
American Society of Civil Engineers
American Architectural Manufacturers Association
American Wood Council

AWARDS

Recipient of Kemper Goodwin Award from American Institute of Architects for collaborative effort by a team in overcoming design and construction obstacles for work on the Wrigley Mansion expansion in Phoenix, AZ.

CONTINUING EDUCATION

2023 Ethics Roundtable Session 4, December 6, 2023

Glass Railings: Fundamentals of Design and Specifications Course Number: CESTRONG-186, AIA, November 28, 2023

2022 Applied Ethics Roundtable Session E, November 21, 2022

Brief Introduction to Wood Material Science, September 29, 2022

Webinar: Shear Walls Panel Discussion, February 24, 2022

2021 Ethics Roundtable, December 13, 2021

Webinar: American Wood Council, Wood Shear Wall Seismic and Wind Design Example Per 2018 WFCM and 2015 SDPWS, January 23, 2020

International Code Council Conference, Las Vegas, NV, October 21-22, 2019

Webinar: Pre-Case Concrete, May 14, 2019

Webinar: Towards an Integrated Fracture control Plan for Steel Bridges, April 11, 2019

Webinar: American Wood Council, Essentials for Wood Construction, August 15, 2019

2018

Engineering Ethics: The Minnesota 1-35W Bridge Collapse

Marine Accident Reconstruction Case Histories, Course 1

Marine Accident Reconstruction Case Histories, Course 2

Three Mile Island Accident

Concrete: Full Depth Repair

Failure Appraisalment,

Failure & Damage Analysis, Inc., How to Design & Construct a House to withstand 150 mph Wind

ASSE Conference, San Antonio, TX, June 3-6, 2018