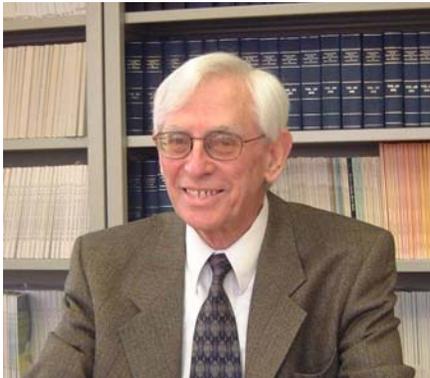




Rubin M. Zallen, P.E., Structural Failures Expert



Rubin M. Zallen is a structural and forensic engineer with over 50 years experience and is principal of Zallen Engineering of Framingham, MA. He has experience in structural design, structural investigation, and construction, of buildings, bridges, and special structures. He also has experience in project management, preparation of construction contract documents, and supervision of construction for a general contractor in the field.

Mr. Zallen has extensive knowledge of the workings of the construction industry and the performance requirements of and the relationships among architects, engineers, and contractors in the design and construction of various structures. Mr. Zallen has been involved in over 300 legal cases as a result of his many investigations.

Special Award

- Forensic Engineer of the Year 2010
by the Technical Council on Forensic Engineering,
American Society of Civil Engineers

Education

- Bachelor of Civil Engineering
Syracuse University, 1951
- Master of Science
Advanced Study of Structural and Geotechnical Engineering
Massachusetts Institute of Technology, 1959

Professional Engineering Registration

- Connecticut
- Maine
- Massachusetts
- New Hampshire
- New Jersey
- New York
- Pennsylvania
- Rhode Island

Professional Activities

- Past Chairman, Technical Council on Forensic Engineering, American Society of Civil Engineers
- Past Chairman, Committee on Practices to Reduce Failures, Technical Council on Forensic Engineering, American Society of Civil Engineers
- Chairman of Sub-Committee on Chapter 1, Purpose and Scope, Standard Committee for ASCE 37, Design Loads on Structures During Construction, Structural Engineering Institute, American Society of Civil Engineers
- Member, Task Committee on Lift Slab Construction, Technical Council on Forensic Engineering, American Society of Civil Engineers
- Associate Editor, Journal of Performance of Constructed Facilities, American Society of Civil Engineers
- Chairman, Massachusetts Select Committee on the Building Regulatory System (1986)
- Chairman, Loads Advisory Committee, Massachusetts Board of Building Regulations and Standards
- Chairman, Joint Loads Advisory and Seismic Advisory Committee on Chapter 34 (Existing Buildings), Massachusetts Board of Building Regulations and Standards

Professional Activities (cont.)

- Chairman, Committee on Peer Review of Structural Design (1990-1992), Boston Association of Structural Engineers (BASE). Editor and principal author of BASE Proposal on Review of Structural Design by an Independent Structural Engineer; proposal adopted by the Massachusetts Board of Building Regulations and Standards as a regulation in the Massachusetts State Building Code
- Invitee, Users' Workshops on Seismic Rehabilitation, December 2, 1994, Phoenix, AZ and December 12, 1995, La Jolla, CA; ATC-33; project to develop guidelines and commentary for the seismic upgrading of buildings; Building Seismic Safety Council & Applied Technology Council
- Past Chairman, Structural Group, Boston Society of Civil Engineers Section American Society of Civil Engineers
- Member, Task Committee on Means and Methods of Construction, American Council of Engineering Companies of Massachusetts
- Past President, Massachusetts Construction Industry Board

Professional Societies

- American Concrete Institute
- American Council of Engineering Companies of Massachusetts
- American Institute of Steel Construction
- American Society of Civil Engineers
- Boston Association of Structural Engineers
- Boston Society of Civil Engineers Section American Society of Civil Engineers
- Earthquake Engineering Research Institute
- Massachusetts Construction Industry Board
- Massachusetts Society of Professional Engineers
- National Society of Professional Engineers
- Post-Tensioning Institute
- Precast/Prestressed Concrete Institute
- Sigma Xi, The Scientific Research Society
- Structural Engineers Association of Massachusetts (SEAMass)
- Technical Council on Forensic Engineering American Society of Civil Engineers

Publications and Lectures

Mr. Zallen has given lectures or authored papers on earthquake engineering, structural failures, structural loads, forensic engineering, building codes, responsibilities of parties in the construction process, contractor's licensing, means and methods of construction, and peer review of structural design. He is also an author of a book on lift-slab construction. Go to [Publications and Lectures](http://www.zallenengineering.com) at www.zallenengineering.com

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