



**W. Gene Corley**  
Senior Vice President  
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**CTL Experience** • Dr. Corley is Senior Vice President of CTL. In this position, he serves as CTL's managing agent for professional and structural engineering and leads structural evaluation projects related to industrial, transportation and parking facilities, bridges and buildings. He also is active in projects related to earthquake engineering. His wide range of experience includes evaluation of earthquake and blast damaged buildings and bridges; investigation of distress in prestressed concrete structures; repair of parking garages damaged by corrosion; evaluation and repair of high rise buildings, stadiums, silos and bridges; design and construction of repairs for prestressed and conventionally-reinforced, precast and cast-in-place concrete, structural steel facilities, and foundations. In 1995, Dr. Corley was selected by ASCE to lead a Building Performance Assessment Team investigating the bombing of the Murrah Federal Building in Oklahoma City.

**Prior Experience** • After receiving his B.S. degree, Dr. Corley worked for the Shelby County, Illinois highway department where he designed highways and bridges. He then returned to the University of Illinois as a research assistant and National Science Foundation teaching fellow while pursuing his graduate studies.

**Educational Background** •

University of Illinois  
B.S. Civil Engineering, 1958  
M.S. Structural Engineering, 1960  
Ph.D. Structural Engineering, 1961

**Registration** •

Licensed Structural Engineer - Illinois  
Licensed Professional Engineer - Illinois  
Registered Civil Engineer - California, Hawaii  
Registered Professional Engineer - Alabama, Florida, Louisiana, Michigan, Mississippi, Missouri, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, Washington  
Chartered Engineer, FI Struct E. UK

Upon completion of his Ph.D., he served as a commissioned officer in the U.S. Army from 1961 until 1964. During this period, Dr. Corley was a research and development coordinator with the U.S. Army Corps of Engineers at Fort Belvoir, Virginia. His duties included bridge design, acceptance testing of mobile floating assault bridge equipment, design of tank launched bridges and fatigue testing of bridges fabricated from high strength steel, aircraft aluminum and titanium alloys.

In 1964, Dr. Corley began work as a development engineer with the Portland Cement Association. While serving in successively more responsible positions, he was directly involved in the development of improved design procedures for structural concrete, concrete pavement, railroads and structures subjected to fire loads. In addition, he served on an earthquake damage investigation team, carried out investigations of damaged or deteriorated structures and developed repair procedures for numerous buildings and bridges.

**Publications and Professional Activities** •

W. Gene Corley is a member of the National Academy of Engineering and has authored more than 150 technical papers and books. He frequently lectures to techni-

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cal and non-technical groups on the subjects of prevention of failures, effects of earthquakes and design and repair of structures. He regularly presents training courses on reinforced concrete design and teaches the seismic design portion of a refresher course to candidates for the Illinois Structural Engineering License examination.

Dr. Corley chaired ACI Committee 318 for six years as the committee developed the 1995 Building Code Requirements for Structural Concrete. He also serves on several other national and international committees that prepare recommendations for structural design and for design of earthquake resistant buildings and bridges. His professional activities resulted in his receiving 16 national awards including the election to the National Academy of Engineering, Best Structural Publication Award from NCSEA, Outstanding Paper from the ASCE Journal of Performance of Constructed Facilities, the Wason Award for research from ACI, the Henry C. Turner Award from ACI, the Alfred E. Lindan Award from ACI, the T.Y. Lin Award from ASCE and the Martin Korn Award from PCI. He also has received several regional awards, including the UIUC College of Engineering Alumni Award for Distinguished Service, the SEAIO Service Award, Illinois ASCE Structural Division's Lifetime Achievement Award, the Henry Crown Award, and the SEAIO John Parmer Award.

Dr. Corley serves or has served in leadership roles for numerous professional organizations, both national and international, including the following:

- American Society of Civil Engineers (Fellow)
- National Society of Professional Engineers (Member)
- National Council of Structural Engineers Associations (Founding Member, Board of Direction, Former President)
- American Concrete Institute (Fellow) Former Chairman, Committee on Building Code Requirements for Structural Concrete
- American Railway Engineering Association (Member)
- Building Seismic Safety Council (Former Vice-Chairman and Founding Member, Board of Direction)
- Chicago Committee on High Rise Buildings (Member and Former Chairman)
- Earthquake Engineering Research Institute (Member and Former President, Great Lakes Chapter)
- Illinois Structural Engineering Board (Chairman)
- Institution of Structural Engineers, UK (Fellow)
- International Association for Bridge and Structural Engineering (Member)
- International Standards Organization, Committee TC-71, Concrete (Chairman)

- National Academy of Engineering (Member)
- National Association of Railroad Safety Consultants and Investigators (Member)
- NACE International (Member)
- Prestressed Concrete Institute (Member)
- RILEM (Member)
- Post Tensioning Institute (Member)
- Transportation Research Board (Member)
- Structural Engineers Association of Illinois (Member, Former President)
- Structural Engineers Institute (Member and Chairman, Professional Activities Committee)
- Governor's Earthquake Preparedness Task Force (Illinois)