

Gary A. Storm, P.E., LEED AP

Senior Principal



Summary

Gary Storm joined Thornton Tomasetti in 2005. He has more than 30 years of structural engineering experience, specializing in the design of large stadiums and arenas around the world. Gary also is proficient in structural investigations including expert witness assignments, renovations, additions to existing structures and rigging engineering for large-scale and complex entertainment events.

Areas of Technical Expertise Include

- Forensic Investigation
- Forensic Structural Engineering
- Structural Engineering - Sports and Public Assembly
- Emergency Response

Education

- M.S., Structural Engineering, 1988, The University of Kansas-Lawrence
- B.S., Civil Engineering, 1980, The University of Kansas-Lawrence

Registrations

- Licensed Professional Engineer (Colorado, Florida, Indiana, Iowa, Kansas, Louisiana, Maryland, Missouri, Nebraska, New Jersey, New York, Ohio, Oklahoma, Pennsylvania, Rhode Island, Tennessee, Texas, Virginia, Wisconsin)
- LEED Accredited Professional

Professional Activities

- American Society of Civil Engineers (ASCE)
- International Concrete Repair Institute (ICRI)
- American Institute of Steel Construction (AISC)
- Engineers Club of Kansas City
- Missouri Structural Assessment and Visual Evaluation of Buildings and Vertical Structures Coalition (SAVE)

Select Project Experience

Forensic Investigation

Metrodome Roof Collapse, Minneapolis, MN. Investigation and damage assessment of an air-supported dome roof that collapsed under snow loads.

Syngenta Warehouse Collapse, Waterloo, NE. Investigation, damage assessment and reconstruction support services for a pre-engineered metal building that collapsed under snow loads.

Navy Pier Roof Failure, Chicago, IL. Investigation and damage assessment of a tension fabric roof structure that was damaged by strong wind loads.

Monticello Casino Earthquake Damage Investigation, Santiago, CHL. Investigation of major earthquake damage to several casino buildings and two long-span roof structures.

Gravelite Expanded Clay Plant, Hurricane Ike Damage Assessment, Erwinville, LA. Investigation of damage caused by hurricane winds and flooding.

Coachella Valley Recharge Ponds, Flood Damage Assessment, Palm Springs, CA. Damage investigation of earthen recharge basins, berms, dikes and concrete spillway structures.

Retaining Wall Failure Investigation, Lenexa, KS. Investigation into the cause and damage of a precast retaining wall failure.

St. Gobain Containers Manufacturing Facility, Sapulpa, OK. Investigation of roof decking corrosion and failure.

Cives Steel Fabrication Plant Fire Damage Investigation, Gouverneur, NY. Investigation and assessment of damage due to fire at a major steel fabrication plant.

Tucson Bridge Damage Investigation, Tucson, AZ. Investigation of a highway bridge damaged by crane impact.

Elks Building Collapse Investigation, Clinton, MO. Structural investigation of the collapse of a 120-year-old, three-story masonry building.