

# Forensic Investigation & Litigation Support

CTLGroup has investigated some aspect of nearly every major catastrophic collapse that has occurred in recent years. These failures have resulted from terrorist attacks, extreme earthquake or storm events, and material, design or construction deficiencies.

CTLGroup provides comprehensive forensic engineering services to a wide range of clients in the legal profession, insurance industry, property owners/managers, construction companies, design firms, and government agencies.

CTLGroup's forensic services include:

- Condition and damage assessments
- Construction material analyses, testing, and evaluations
- Failure root-cause determinations
- Field sensors, monitoring and testing
- Laboratory testing of structural components + systems
- Litigation support
- Nondestructive testing and evaluations
- Static and dynamic structural analyses

We have extensive experience investigating distress or failure in all types of structures, structural components, and materials, including, but not limited to:

- Building Façade Damage
- Bridges and Infrastructure
- False work, formwork, shoring, and scaffolding
- Foundations and retaining structures
- Industrial facilities and equipment
- Machine components and parts
- Pipelines, pressure vessels, and tanks
- Structure Service Life
- Tunnels and subsurface construction

CTLGroup provides its clients with a single source of consulting and laboratory testing expertise, allowing us to make an accurate and efficient determination of cause and extent of damage that may be used for the purposes of repair, replacement, claims adjustment, or litigation.

