

Collision
Reconstruction

Personal Injury

Electrical

Mechanical

Metallurgical

Civil & Structural

Fire & Explosion

Structural
Reconstruction

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Shawn M. Jay, M.Eng., P.Eng.

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EXECUTIVE SUMMARY

In addition to his role as President of Arcon Forensic Engineers, Shawn is an established specialist in civil & structural forensic engineering with over 30 years of experience and has been qualified as an expert to provide testimony in Ontario Superior Court. His specialization is the forensic assessment of residential, commercial and industrial building deficiencies and damages. In addition to the investigation of structural and infrastructure design failures, he is often called upon to provide repair reconstruction details for buildings damaged by collapse, vehicle impact and fire. Shawn's practice extends to the investigation of pedestrian slip and fall accidents and he is well-versed in the assessment of walkways and stairs for compliance with the Ontario Building Code.

AREAS OF SPECIALIZED EXPERTISE

- *Infrastructure damage (sewer, bridge, parking garage)*
- *Industrial, commercial & multi-unit residential building construction deficiencies*
- *Building envelope & structural integrity assessments*
- *Construction material installation quality & suitability*
- *Ontario Building Code compliance reviews*
- *Repair scope quantification*
- *Slip / trip / fall assessments of walkways and stairs*
- *Repair construction details for residential, commercial and industrial buildings*

EDUCATION

- M.Eng., Civil / Structural / Construction Management (1997) Univ. of Toronto
- B.Eng., Civil / Structural (1990) McMaster University

QUALIFICATIONS & CERTIFICATIONS

- *Professional Engineer (P.Eng.)*

PROFESSIONAL ASSOCIATIONS

- *Professional Engineers of Ontario*
- *Canadian Society for Civil Engineers*
- *Ontario Building Envelope Council*
- *Canadian Association of Fire Investigators*
- *The International Institute of Building Enclosure Consultants*
- *Canadian Institute of Steel Construction*
- *Greater Toronto Sewer & Watermain Contractors Association*
- *Ontario Sewer & Watermain Construction Association*