



roarengineering.com

Kevin Daly, P.Eng

Structural Engineer

Contact

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Education

QUEENS UNIVERSITY

Bachelor of Applied Science in Civil Engineering

2011

NATIONAL ASSOCIATION OF MOULD PROFESSIONALS (NAMP)

Mould Inspection and Remediation Certification

2015

NATIONAL ASSOCIATION OF FIRE INVESTIGATORS, INTERNATIONAL 2016

Certified Fire and Explosion Investigator

Experience

ROAR ENGINEERING

Senior Structural Engineer

2022 – PRESENT

Specializing in structural design for the new construction and retrofit of buildings, bridges and miscellaneous structures, geotechnical evaluation, building science engineering, including moisture management; and, environmental remediation, within buildings. Design of fire safety access/egress and fire separations for residential and low-rise buildings.

Primary services include structural analysis of structural failures (as a result of such causes as fire, tree/vehicle impacts, environmental loading (wind/snow) and deficient design/construction) in buildings, bridges and miscellaneous structures; and, prepare the required specifications and drawings for demolition and reconstruction or retrofit.

Site investigation work to support Mr. Michael Flynn, CFEI, CFII, in fire loss related insurance claims for large and small building pertaining to the completion of Cause and Origin investigations where Mr. Flynn is the primary investigator. Support work for fire Cause and Origin investigations includes; site and building documentation, collection of photographic evidence and extent of damage evaluations.

Design and engineering relating to municipal engineering evaluation, assessment and consultation relating to municipal and site servicing systems including stormwater collection and management, earthworks and site grading, sanitary sewage collection and disposal systems, potable water treatment and distribution systems.

Assess property damage related to fire, explosion, vibration, ground movement, wind load, snow load, flooding, vehicle impact and water (moisture) infiltration; and prepare detailed structural scopes of repair on computer assisted drawings (CAD) complete with specifications and guidelines that reflect present standards and codes.

Provide an assessment of property damage and personal injury related to violations of the Ontario Building Code and Occupational Health and Safety Act and Regulations for Construction Projects.

MICHAEL FLYNN & ASSOCIATE LIMITED

2015 – 2021

Senior Structural Engineer

Specializing in structural design for the new construction and retrofit of buildings and miscellaneous structures, geotechnical evaluation, building science engineering, which includes moisture management; and, environmental remediation, within buildings.

Provide structural analysis of structural failures in buildings and miscellaneous structures; and, prepare the required specifications and drawings for demolition and reconstruction or retrofit.

Site investigation work to support Mr. Michael Flynn, CFEI, CFII, in fire loss related insurance claims for large and small building pertaining to the completion of 'Cause and Origin' investigations where Mr. Flynn is the primary investigator. Support work for fire 'Cause and Origin' investigations includes; site and building documentation, collection of photographic evidence and extent of damage evaluations.

Assess property damage related to fire, explosion, vibration, ground movement, wind load, snow load, flooding, vehicle impact and water (moisture) infiltration; and prepare detailed structural scopes of repair on computer assisted drawings (CAD) complete with specifications and guidelines that reflect present standards and codes.

Provide an assessment of property damage related to violations of the Ontario Building Code and Occupational Health and Safety Act and Regulations for Construction Projects.

DRAGADOS CANADA

2014 – 2015

Utilities Field Engineer

- Queen Street Utility Relocation - Telecom and Hydro Ottawa Relocations (2014 – 2015)
- Nicholas Detour and Advanced Utilities - Sewer and Watermain Relocation, Detour Ramp Construction (2015)
- Pickering Place Roadway Detour – Road Widening and Detour Ramp Construction (2015)

Responsibilities included design support (including quantity take offs and design changes), tender preparation of project detailed drawings, specifications and special provisions, project co-ordination including contract administration duties, construction inspection and public relations.



IBI GROUP OTTAWA

2011 – 2014

Junior Engineer

- Melbourne Avenue Sanitary, Watermain, and Road Reconstruction and Removal of Extraneous Flows along Tillbury Drive – City of Ottawa (2013)
- Jockvale Road Widening Phase II – Paul Metivier to Cambrian Road – City of Ottawa (2012 – 2014)
- Bank Street Rehabilitation Phase IV – Isabella Street to Rideau Canal – City of Ottawa (2011 - 2014)

Responsibilities included design support (including quantity take offs and design changes), tender preparation of project detailed drawings, specifications and special provisions, project co-ordination including contract administration duties, construction inspection and public relations.

CITY OF OTTAWA

2009 – 2010

Engineering Student

- Churchill Avenue Rehabilitation Phase I – Scott Street to Byron Avenue (2010)
- Bank Street Rehabilitation Phase III – Somerset Street to Catherine Street (2009)

Responsibilities included basic construction inspection and public relations.

