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Gregory Doroszkiewicz, P.Eng.

Structural Engineer

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Education

UNIVERSITY OF OTTAWA

2014

M. Eng. Structural Engineering

UNIVERSITY OF OTTAWA

2012

B.A.Sc. Civil Engineering Specializing in Structural Engineering

Experience

ROAR ENGINEERING
Structural Engineer

2019 – PRESENT

Assess and document damage to buildings and infrastructure through detailed site visits.

Determine the cause of damage/failures to building structural elements and systems, as well as geotechnical investigations.

Complete designs for repairs, renovations and new construction of buildings using structural steel, reinforced concrete and engineered wood.

Assessment of property damage relating to fire/explosion, vibration, ground movement, wind load, snow load, vehicle impact, fallen tree impact, and water infiltration.

Code consulting with current and past editions of the Ontario Building Code, National Building Code of Canada and Ontario Fire Code.

Prepare engineering reports to document damages, identify cause of damage, and propose repairs to damaged property.

MCINTOSH PERRY CONSULTING ENGINEERS LTD.
Structural Engineer – Buildings

2014 – 2019

Attending construction meetings and preparation of project documents, as required, including but not limited to proposals, supplemental design instructions and structural observation reports.

Structural design of concrete, steel, wood and masonry structures, including rehabilitations, renovations, additions and new construction according to applicable design standards.
Drafting construction drawings and details with AutoCAD.
Building condition assessments, capital expenditure forecasts, reserve fund studies and associated construction cost estimation for potential project alternatives.

Providing effective communication and support to all parties from project procurement, during construction, and through to completion.

Contract Administration

- MTO Contract: 2012-4007, Ottawa Light Rail Transit (OLRT) Project, Confederation Line (2014-2015)
- MTO Contract: 2013-4069, Highway 17 Hot Mix Asphalt and Structure Rehabilitation (2015)
- City of Ottawa Contract: 2017 CR-012040, Billings Bridge Pumping Station Upgrades (2017-2019)

Attending construction meetings and preparation of project documents, as required, including but not limited to meeting minutes, change orders, progress payment and supplemental design instructions.

Oversee contract execution and construction operations for the full project Scope of Work.

Read and interpret contract drawings and specifications in order to write detailed reports documenting construction progress, conformance to specifications and the quality control of materials.

UNIVERSITY OF OTTAWA
Structural Engineering Research Assistant

2011 - 2014

Assisting graduate and postgraduate students execute research projects, both during construction and experimentation phases.

Construction of formwork, laying reinforcement, mixing and pouring concrete, building various types of structural elements.

Use of unique materials and techniques in both new construction and various retrofitting alternatives.

Primary areas of research include seismic testing (with the use of lateral load actuators) and blast testing (with the use of a blast tube) on timber, masonry and concrete specimens.

Professional Memberships

Professional Engineers of Ontario (PEO)

