OCI Group

Brenden Mills

P. Eng.
Structural Engineer

OFFICE
Calgary

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As a Structural Engineer, Brenden performs structural investigations, condition assessments, and the evaluation of damaged buildings and structures. He is a licensed Professional Engineer with both the Association of Professional Engineers and Geoscientists of Alberta (APEGA) and Engineers and Geoscientists British Columbia (EGBC). Drawing on more than eight years of experience in structural engineering and construction, Brenden combines technical expertise with real-world construction knowledge to provide clear, practical solutions and recommendations. His background includes structural design and rehabilitation, infrastructure assessments, and project management across municipal, residential, commercial, and industrial sectors.

EDUCATION

Lakehead University
Bachelor of Civil Engineering with Honours
Thunder Bay, ON
2019 - 2021

Southern Alberta Institute of Technology
Civil Engineering Technology Diploma
Calgary, AB
2015 – 2017

CERTIFICATIONS

- Registered P.Eng. with Association of Professional Engineers and Geoscientists of Alberta (APEGA)
- Registered P.Eng. with Engineers and Geoscientists of British Columbia (EGBC)
- Qualified Adaptiv Home Specialist with Canadian Home Builders' Association (CHBA)

PROFESSIONAL EXPERIENCE

Structural Engineer
OCI Group
Calgary, AB
September 2026 – Present

- Conducts forensic investigations and structural assessments for insurance-related property losses throughout Alberta.
- Determines damage causation, evaluates structural adequacy, and develops practical repair recommendations for residential and commercial properties.
- Prepares technical reports, structural analyses, repair scopes, and supporting documentation for restoration and rehabilitation projects.
- Provides professional engineering opinions regarding structural damage, code compliance, and remediation requirements in support of insurance claims and dispute resolution.
- Builds and maintains relationships with clients, insurers, adjusters, and industry stakeholders while supporting the growth of OCI Group Canada's forensic engineering practice in Alberta.

Structural Engineer
ISL Engineeering and Land Services
Calgary, AB
November 2023 – September 2026

- Perform structural condition assessments and rehabilitation projects for municipal, commercial, transportation, and institutional infrastructure.
- Perform structural investigations, field inspections, and
- technical evaluations of existing reinforced concrete, steel, and masonry structures.
- Prepare engineering reports, structural calculations,
- rehabilitation strategies, repair recommendations, opinions of probable cost, and lifecycle assessments.
- Develop rehabilitation designs, drawings, specifications, and tender documents for structural repair projects.
- Coordinate multidisciplinary teams throughout assessment, design, tender, and construction phases while managing project budgets, schedules, and client communication.

Senior Project Coordinator
Graham Construction
Calgary, AB
February 2018 – November 2023

- Managed project controls, contract administration, scheduling, procurement, quality management, RFIs, change management, and stakeholder coordination on civil and infrastructure projects valued up to $95 million.
- Supported the successful delivery of municipal infrastructure, flood mitigation, wastewater treatment, and transportation projects from procurement through commissioning and project closeout.
- Assisted with project reporting, cost control, risk management, and multidisciplinary coordination between owners, consultants, contractors, and regulatory agencies.

Project Coordinator
Centron Construction
Calgary, AB
May 2017 – February 2018

- Coordinated scheduling, procurement, subcontract administration, document control, and project reporting for commercial construction projects while supporting project delivery, cost tracking, and consultant coordination.