

Major Capital Construction

GRAHAM

MAJOR CAPITAL CONSTRUCTION

SUSTAINING PROJECTS

MAINTENANCE & TURNAROUNDS

As one of the largest Industrial General Contractors in Canada, we offer start-to-finish solutions to a wide variety of clients including those in oil and natural gas, petrochemicals, mining, power generation, hydrogen and agriculture.

We pride ourselves in being a full-service construction solutions partner with the ability to support any project from pre construction services to major projects right

through to operational maintenance, turnarounds, sustaining capital and construction. We can help you mitigate risks, forecast challenges and increase efficiencies at your facility.

Graham has countless unique attributes that set us apart from our competitors and align us well deliver our client projects safely and successfully.

Contact us to learn more about our industrial contractor services.

GRAHAM DIFFERENTIATORS



Innovation & Value

- Ability to utilize various trade affiliated unions on the same site to ensure we can supply productive and competent craft in a heated labour market.
- Performing continuous system improvement through reinvestment, lessons learned and continually piloting new innovative construction methods.
- Working collaboratively on ways to enhance utilization of the design model for AWP creation, hazard assessment and 4D modelling.



Expertise

- Top 3rd Contractor in Canada
- Largest Contractor in Western Canada
- Industrial division Head Office in Edmonton, Alberta
- Self-perform capabilities for civil, mechanical, structural, piping and E&I.
- 45+ years of consecutive Industrial Heartland area contracting experience
- Staffing large projects with quicker ramp up of skilled personnel.
- Early Contractor Involvement (ECI)



Sustainability

- Graham's commitment to ESG through publishing and benchmarking our annual Sustainability Report which includes:
 - Women Building Futures (WBF)
 - Indigenous Partnerships
 - Diversity & Inclusion
 - Mental Health of employees & family
 - Improving fleet carbon outputs footprints
- Alignment with the United Nation's sustainable Development Goals
- Greenhouse Gas Emission tracking across company assets.



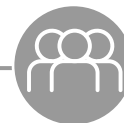
Capacity

- Large fleet of owned tools and equipment in Alberta
- Equipment / fleet maintenance shop in the Edmonton area.
- Three fabrication facilities with local partners and capabilities
- Benchstrength of over 10,000 craft & over 2,600 professional employees



Processes

- End-to-End project execution ability.
- Strong recruiting and retaining systems for personnel on large jobs requiring skilled personnel.
- Comprehensive systems and procedures in place to ensure consistency, accuracy and risk identification/mitigation is followed throughout the project lifecycle.



People

- 100% employee owned with 70% of employees invested as owners.
- 84% of Canadian craft workforce located in Alberta.
- Investment in employees training, advancement and retention.
- 10 years average tenure for senior Graham personnel

EXPERIENCE HIGHLIGHTS



BHP - Vent Plenums Stage 1

**\$68.7 million |
Jansen, SK**

The project included the excavation and reinforced concrete installation for two ventilation plenums, earthworks, underground electrical and concrete for two electrical substations, test piling, and earthworks for site drainage improvements. The Ventilation Plenum scope of work included:

- Above grade construction of above grade reinforced concrete plenum hood structure
- Below grade excavation of the plenum tunnels
- Shotcrete and ground support
- Dewatering
- Steel support installation for existing building foundations
- Waterproofing membrane
- Reinforced concrete floor, wall and roof slabs for the Plenum
- Removal of existing bulkhead between Plenum and Shafts
- Temporary ventilation and climate control within Plenums during the work

The Substation scope of work included earthworks, piling, underground conduit and grounding, reinforced concrete foundations, and pre-cast cable trench installation for a 230kV and 34.5kV Substation.



LNG Canada Portfolio

**\$330.5 million |
Kitimat, BC**

The Liquid Natural Gas (LNG) Canada (LNGC) project is the largest project (to date) in Canadian history.

Currently Graham is executing 2 projects at the LNGC site including the LNG Tank and OSBL Concrete Foundations contracts and recently completed the design-build River Water Intake project under an Early Procurement Contractor (EPC).

Graham is self-performing most of the work across the 3 projects, with scopes including tank structural (concrete raft wall, roof, internal works with formworks and ducting), concrete foundations, civil / earthworks, piping, site clearing, equipment installation, cofferdam (installation and removal), mechanical, and electrical and instrumentation as well as the contract's temporary site facilities and crane works.

The OSBL Concrete Foundations is being executed as part of a partnership under our Indigenous Joint Venture with the Haisla First Nation.



Shell Scotford Portfolio

**\$200+ million |
Fort Saskatchewan, AB**

Graham has executed various construction and turnaround projects at the Scotford site since the early 2000's with scopes including (but not limited to) piping, concrete, piperack, structural, civil, equipment installation, tank, mechanical and various others.

In 2020 a 5-year contract was awarded for multi-discipline maintenance, construction and turnaround support for the Oil Refinery and Bitumen Upgrader Complex. The scopes included primarily mechanical trades including pipefitters, millwrights, welders, labourers, and equipment operators.

In 2021 turnaround services were completed for the complex's first turnaround at its Carbon Capture and Storage (CCS) facility, scopes included operations support for decontamination, shutdown and start-up activities; blinding and debinding for unit isolation; and process equipment removal, installation and modification.



Neptune Bulk Terminals - Allison Project

**\$355 million |
North Vancouver, BC**

Initially, Graham was contracted to complete the Civil Concrete Works Contract (CC10) at the Neptune Bulk Terminals Allison project.

Following successful commencement of the Civil works and early completion of a critical shutdown scope, Graham was awarded the mechanical and electrical scopes for the project and additional contracts; the CC11 Mechanical and CC12 Electrical contracts.

Graham's contract continued to grow in scope as the project progressed, encompassing materials management; demolition of the old ship loader; offsite modularization of conveyor galleries and structural / mechanical assemblies along with complex transportation logistics to deliver these elements to site.

Overall, Graham executed \$355 million in work at the Neptune Bulk Terminal's site in North Vancouver, BC.

GRAHAM

Visit us at: grahambuilds.com

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