




PEOPLE • EXCELLENCE • INNOVATION • GROWTH

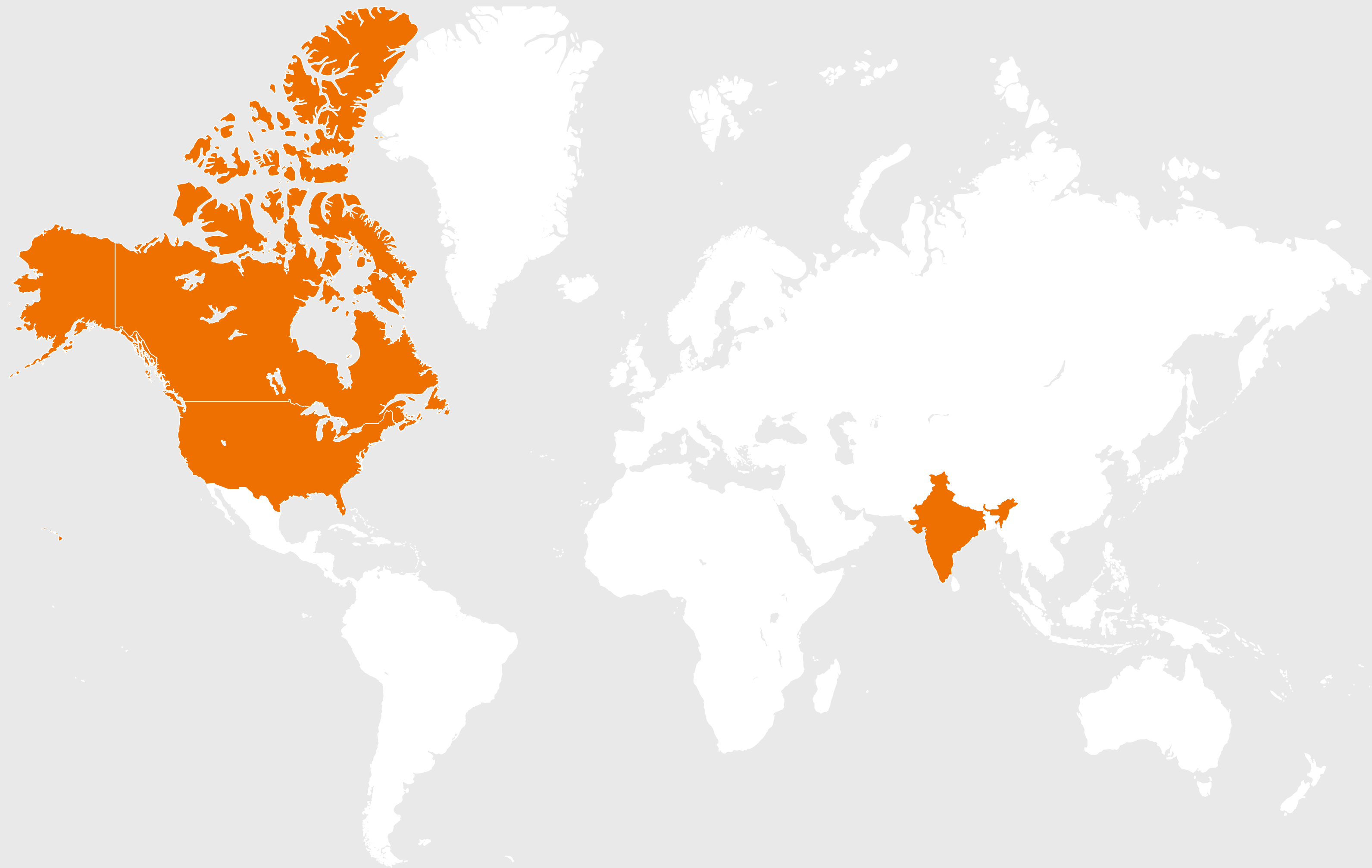
## Strengthening Our North American Presence

**Morrison Hershfield  
joins Stantec.**

 **825 Pacific Artist Hub, Passive House Building**  
Location: Vancouver, BC, Canada  
Architect of Record: ACDF Architecture and Arcadis IBI Group



Expanding Stantec's presence in most major Canadian markets, and further strengthening our US presence in buildings engineering, our colleagues from Morrison Hershfield bring their talent and their top-tier industry reputation in transportation, buildings, and environmental service.

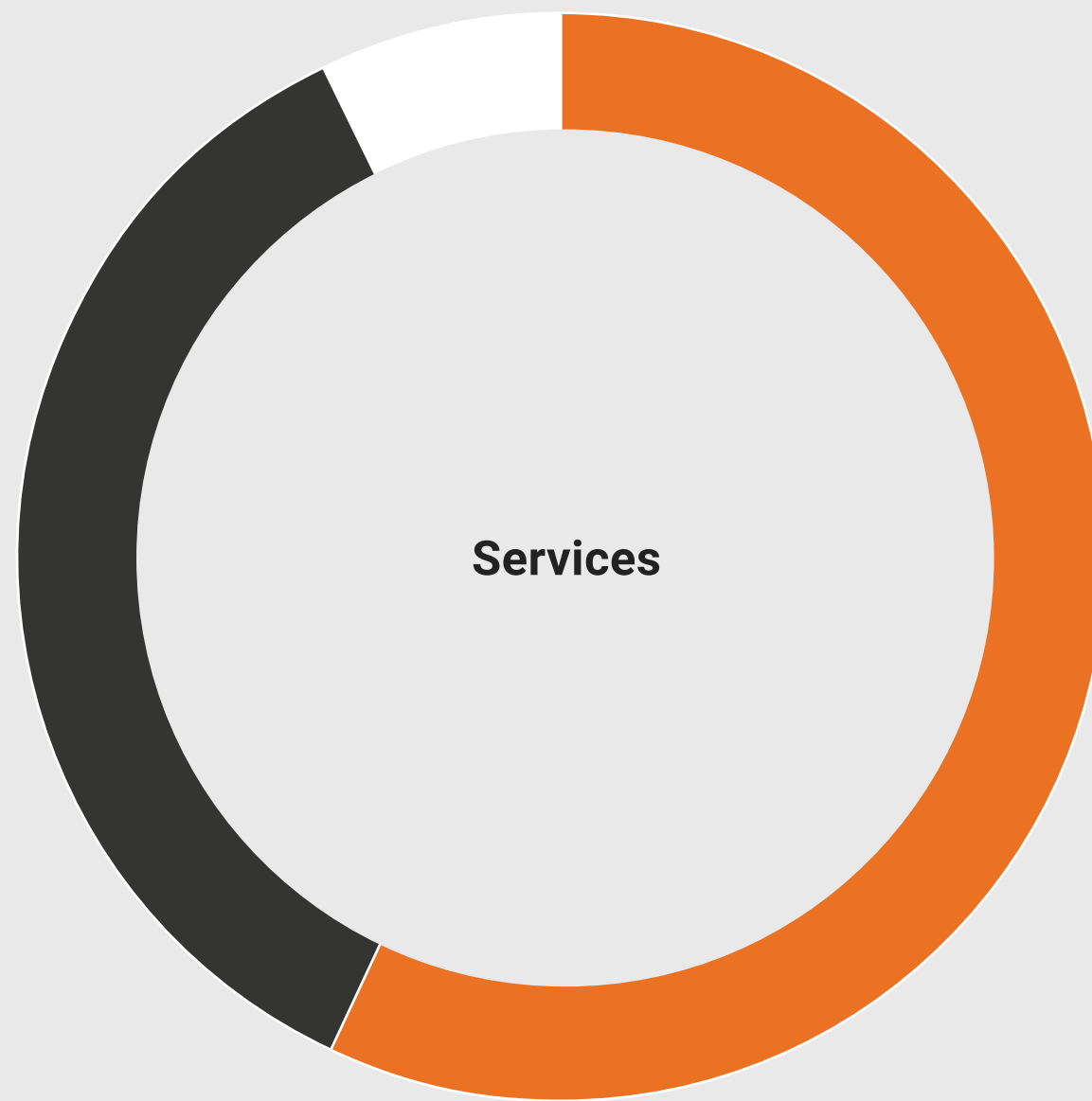


**23**  
offices

**11** in Canada,  
**11** in the United States,  
**1** in India

**1,150**  
people

**Stantec Business Lines**  
Buildings  
Environmental Services  
Infrastructure



- **57%** Building Envelope / Science
  - Buildings & Facilities
  - Mission Critical Facilities
  - Telecom & Technology
- **36%** Transportation
  - Transit
  - Bridges
  - Water & Wastewater
- **7%** Environment, Climate Resilience, & Sustainability



**Anthony Karakatsanis**  
President & CEO  
Morrison Hershfield

Joining the Stantec family marks a historic moment for our 78-year-old company. Stantec is a highly successful firm that shares our corporate values and mission, with a unique culture that complements our own. With access to Stantec's depth of renowned experts, resources, and cutting-edge technology, we will be able to provide our employees with exciting and meaningful work, growth, and professional development for the long term. This acquisition provides us with access to many high-profile North American and global projects and markets in the communities where our employees live and work.



**Gord Johnston**  
President & CEO  
Stantec

We are thrilled to bring a firm of Morrison Hershfield's stature into the Stantec fold. Our firms have shared a mutual admiration over many years. Stantec and Morrison Hershfield have a similar history from our roots in the Canadian market, growing and diversifying services both by geography and service line. And, importantly, our values and culture are very well aligned.



## 1 SALESFORCE TOWER

**LOCATION:** San Francisco, CA

**CLIENT:** Hines, Kendall Heaton Architects

**SERVICES:**

- Building envelope consulting
- Construction review

The award-winning Salesforce Tower, located in the heart of San Francisco's business district, is the tallest high-rise commercial office building in San Francisco standing at 1,070 feet (326 metres) and 61 stories tall. The custom curved curtain wall system with white aluminum fins and tapered sunshades creates its distinctive geometric design. Morrison Hershfield provided building envelope design and field review consulting services for the roofing and curtain wall glazing, and waterproofing review for the below-grade parking, plaza, and bridge deck.



## 2 LIMBERLOST PLACE, GEORGE BROWN COLLEGE

**LOCATION:** Toronto, ON

**CLIENT:** George Brown College (as a sub to Moriyama & Teshima Architects)

**SERVICES:**

- Building envelope consulting
- Thermal bridging analysis
- Air leakage prediction modeling
- BECx (design)
- Design-assist support for pre-fabricated envelope
- Fabrication plant visits

This 10-storey mass timber, net zero carbon emissions building is an addition to George Brown's Waterfront Campus and the first institutional building of its kind in Ontario. It is a model of mass-timber construction and eco-friendly design, and one of the first fully pre-fabricated envelope installations in Canada.

The building will harness green energy from the surrounding environment using solar chimneys, rooftop photovoltaics, and deep-water cooling. Limberlost Place will contribute to meaningful revisions of the national and provincial building codes to allow for mass-timber buildings over six stories tall.



**NEXSTAR ENERGY BATTERY MANUFACTURING PLANT**

**LOCATION:** Windsor, ON

**CLIENT:** Gresham Smith

**SERVICES:**

Engineers of Record for:

- Mechanical services
- Electrical services
- Civil services

Morrison Hershfield is the Engineer of Record for mechanical, electrical and civil disciplines for Canada’s first lithium-ion battery manufacturing plant. This \$5B electric vehicle battery plant represents one of the largest building projects in North America. The facility itself is an amalgamation of multiple buildings which amass to 4.5 million square feet (1.37 million square metres), or, in Canadian terms, 112 hockey rinks. Battery production is expected to begin in 2024, and annual capacity at the plant is expected to be 45 gigawatt hours.



**YORK REGION TRANSIT MAINTENANCE FACILITY EXPANSION**

**LOCATION:** Vaughan, ON

**CLIENT:** York Region Transit

**ARCHITECT OF RECORD:** Strasman Architects Inc.

**SERVICES:**

Prime Consultant, including:

- Structural services
- Mechanical services
- Electrical services
- Related specialty services

Morrison Hershfield continues its longstanding work with York Region Transit, with the bus maintenance facility expansion work at 8300 Keele Street in Vaughan. The building expansion required redevelopment of the storage and maintenance areas to increase capacity to more than 250 buses. Morrison Hershfield was prime consultant, leading all structural, mechanical, and electrical engineering along with other related services.

Based on our successful expansion work, Morrison Hershfield was awarded a subsequent project for the full electrification of the entire facility to accommodate a fully electric bus fleet.



## 5 F.G. GARDINER EXPRESSWAY

**LOCATION:** Toronto, ON

**CLIENT:** City of Toronto

**SERVICES:**

- Site investigation
- Preliminary & detailed design
- Construction administration

Morrison Hershfield is a trusted advisor to the City of Toronto, completing over 35 design and construction contracts to maintain the Gardiner Expressway. In 1980, Morrison Hershfield completed a strategic planning report for Metropolitan Toronto based on intensive investigations performed by the Company. Four years later, the first contract for the design and field supervision of the rehabilitation of the main deck and super-structure was awarded to the firm. This project proved to be the first in a series of annual assignments to rehabilitate various sections of the highway which continue to this day.

Recent contracts include preliminary design for the re-alignment and rehabilitation detailed design from Cherry Street to Don Valley Parkway (2019 – 2022) and contract administration services for Section 1—Jarvis to Cherry St. superstructure replacement (2018 – 2021).



## 6 CLOUDRAKER SKYWALK AND RAVEN'S EYE

**LOCATION:** Whistler, BC

**CLIENT:** Whistler Blackcomb Resort

**SERVICES:**

- Design
- Construction engineering services
- Construction Inspection

Picture this: A 130 metre (426.5 foot) long, steel pedestrian suspension bridge and a 12.5 metre (41 foot) cantilevered viewing platform. Morrison Hershfield designed it, expanding Whistler Blackcomb's tourist infrastructure with a safe yet thrilling attraction. At over 2,100 metres (6,890 feet) above sea level, the Cloudraker Skybridge is thought to be one of the highest pedestrian bridges in North America. Capable of year-round operation in extreme weather conditions, the structures provide an eco-tourism and economic boost to the resort.



7

## ATLIN HYDROELECTRIC EXPANSION PROJECT

**LOCATION:** Atlin, BC

**CLIENT:** Tlingit Homeland Economic Limited Partnership (THELP)

**SERVICES:**

- Feasibility study
- Preliminary engineering
- Environmental effects assessment
- Permitting support

Morrison Hershfield partnered with Tlingit Homeland Energy Limited on the Atlin Hydro Expansion Project to deliver permitting and approval for the development of a sustainable hydroelectric generating facility owned and operated by the Taku River Tlingit First Nation. With the construction of a 110 kilometre (68 mile) transmission line, this project provides a reliable renewable source of energy for the Yukon electrical grid to help meet its winter energy shortfall, and offsets greenhouse gas emissions associated with diesel power production in the Yukon. Additionally, the project provides social and economic benefits to the Taku River Tlingit First Nation, as project ownership and long-term benefits remain within this remote BC First Nations community.



8

## YUKON HIGHWAYS CLIMATE RESILIENCE ASSESSMENT

**LOCATION:** Yukon Territory

**CLIENT:** Yukon Government, Transportation Engineering Branch

**SERVICES:**

- Climate change vulnerability study
- Risk assessment study

Climate change is happening faster in Yukon than almost anywhere around the globe. Morrison Hershfield, together with the Yukon Government's Transportation Engineering Branch, undertook a Climate Change Vulnerability and Risk Assessment Study for Yukon's highway network to address the vulnerabilities of highway infrastructure to climate change. Fundamental to this study is understanding geohazards and their inter-relationship with highway infrastructure and climate change, such as permafrost degradation, wildfire, flooding, landslides, avalanche, washouts, and aufeis. It will help the Yukon Government prioritize investments in policy and standards for road engineering and maintenance.