



MORRISON HERSHFIELD

People • Culture • Capabilities

BRIDGE ENGINEERING

Solutions That Make a Difference



“MH staff understand that being diligent about review, thorough design, discipline coordination, proactive shop drawings, pre-construction discussions, and expedient field review all contribute to a successful project meeting my expectations.”
- Municipal Client

Why choose Morrison Hershfield?

OUR CLIENTS BENEFIT from a well-organized nimble team with local presence backed by over 1000 staff in 24 offices across North America and beyond; ensuring your project is delivered according to your vision, schedule and requirements.

- ▶ **CLIENT-FOCUSED** - Over 90% of our business comes from repeat clients. Our goal is to provide an unmatched client experience, and we are proud to maintain an “excellent” client satisfaction rating..
- ▶ **RESPONSIVE** - With over 1000 employees across North America, we have the resources to help you anytime, anywhere.
- ▶ **INVESTED** - Our employee-owned business culture allows us to attract and retain the best talent who are invested in the success of our clients’ projects.
- ▶ **INNOVATIVE** - Our award-winning solutions are provided by subject matter experts who work on some of the biggest and most complex projects in North America.
- ▶ **ONE-STOP-SHOP** - Optimize your projects by bundling our multidisciplinary engineering services that save you time and money.
- ▶ **ONE SIZE DOES NOT FIT ALL** - Our team of technical experts helps communities find the right solution to their unique challenges. Predefined solutions do not drive our work.

Make us your first call.



RESPONSIVE SOLUTION
PROVIDERS



PROBLEM
SOLVERS



PARTNERS WITH
OUR CLIENTS

PROJECT TYPES

- Active Transportation & Pedestrian Structures
- Culverts
- Highway Structures
- Marine & Coastal Structures
- Municipal Roadway Structures
- Rail Structures & Separations
- Retaining Walls
- Tunnels & Underground Structures

SERVICES

- Advisory
- Alternative Project Delivery
- Construction Administration
- Design
- Emergency Response
- Load Evaluations

ENGINEERING

- Civil & Land Development
- Environmental
- Structural
- Transportation



F. G. GARDINER EXPRESSWAY

Toronto, Ontario

1984
FIRST
ASSIGNMENT

35+
CONTRACTS

6.8 KM
ELEVATED

**SITE INVESTIGATION,
PRELIMINARY &
DETAILED DESIGN,
STRUCTURAL,
CONSTRUCTION
ADMINISTRATION**

In 1980, Morrison Hershfield completed a strategic planning report for Metropolitan Toronto, based on intensive investigations performed by our company. In 1984, the first contract for the design and field supervision of the rehabilitation of the main deck and super-structure was awarded to Morrison Hershfield. This project proved to be the first of annual assignments to rehabilitate various sections of the highway which continues to this day.

CLOUDRAKER SKYBRIDGE & RAVEN'S EYE

Whistler, BC

AWARD WINNER
2019 Canadian Consulting
Engineer Awards
Award of Excellence,
Transportation Category


2100 M
ABOVE SEA
LEVEL

130 M
LONG

**DESIGN-BUILD
PEDESTRIAN
SUSPENSION
BRIDGE**

**ACEC BC & CCE
AWARDS OF
EXCELLENCE**

Whistler Blackcomb wanted to expand its tourist infrastructure with a safe yet thrilling attraction. Morrison Hershfield designed a 130 m long, steel pedestrian suspension bridge and a 12.5 m cantilevered viewing platform to do just that. At over 2,100 m above sea level, the Skybridge is thought to be the highest pedestrian bridge in North America. Capable of year-round operation in extreme weather conditions, the structures provide an eco-tourism and economic boost to the resort.



32 STREET / PIPER CREEK ACTIVE TRANSPORTATION UNDERPASS & MAJOR CULVERT REHABILITATION

Red Deer, AB

**STRUCTURAL &
GEOTECHNICAL
STRENGTHENING**

**EXTENDED
STRUCTURE'S
LIFE CYCLE**

**COMPLEX
CONSTRUCTION
STAGING**

**BRIDGE, CIVIL,
DRAINAGE
ENGINEERING**

The 32 Street/Piper Creek Active Transportation Underpass and Major Culvert Rehabilitation was a complex project on a congested site. Emergent structural deficiencies, steep embankments, a fish-bearing creek, and traffic on the trail and roadway were met with strong engineering, effective construction staging and a committed team. The result exceeds expectations – an appealing and safe structure with an extended service life, which substantially improves the user experience of pedestrians and cyclists in the urban forest of Piper Creek Ravine.

TACHE PROMENADE & BELVÉDÈRE SAINT-BONIFACE

Winnipeg, MB

AWARD WINNER
2019 Engineers
Geoscientists Manitoba
Award
Team Achievement Award



T-BONIFACE

95 M
ILLUMINATED
PEDESTRIAN
LOOKOUT

180 M
SHEET PILE
DYKE WALL &
BIKE PATH

BRIDGE, CIVIL
& MUNICIPAL
ENGINEERING

ENGINEERS
GEOSCIENTISTS
MANITOBA TEAM
AWARD

The Taché Promenade is a historic pedestrian boardwalk in the heart of downtown Winnipeg, on the east bank of the Red River. MH and key partners were retained to undertake fast-track delivery of a major revitalization for this corridor. The project’s primary objectives included enhancing pedestrian, cyclist, and universally accessible pathways and user amenities, as well as “core infrastructure” flood reliability improvements to Winnipeg’s Primary Dyke. The award-winning design included 450 m of riverbank stabilization by use of rock-filled columns, a new mid-riverbank 3.0 m wide active transportation path (north section), an upper riverbank 4.0 m wide multi-modal promenade which required a 180 m long variable-height cantilevered sheet-pile retaining wall incorporating bicycle railings, and the 96 m long curved viaduct pedestrian lookout bridge (“Belvédère St.Boniface”).

FOUNDED on
technical excellence
and ethics.

OUR RICH HISTORY of
diverse projects provide exposure
to emerging trends in process and
design technologies spanning different
industry sectors, keeping us ahead
of the curve. We regularly adapt and
integrate these technologies into
solutions for our clients. **Our passion
to design and build our projects
right the first time is recognized
throughout the industry and in our
communities.**



▲ Platinum Elite Status: A key play in ReNew
Canada’s list of top 100 Infrastructure Projects in
the country.



75+

Years in Business
Serving Canada

1000+

Number of Full Time,
In-house Employees

100%

Employee Ownership

90%

Annual Revenue from
Repeat Clients

24

Offices Across
North America and India

WHO WE ARE

WE ARE A MARKET LEADING engineering
firm delivering innovative, cost effective and technically
sophisticated solutions for both horizontal and vertical
infrastructure. We are anchored by highly responsive
technical experts, thought leaders and high performing
employees across North America. Our highly focused
approach to the clients and markets we serve ensures that
we deliver the value our clients demand.

When our founders established this consulting practice
in 1946, they set the highest standards of ethics,
technical excellence and customer service. These
high standards have become the hallmark of Morrison
Hershfield. We continue to be guided by our values of
integrity, accountability and mutual respect, and believe in
continuous improvement, quality and teamwork.

Contact us to make your vision a reality.



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morrisonhershfield.com