



MORRISON HERSHFIELD

People • Culture • Capabilities

TRANSIT
Solutions That Make a Difference





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.

“There are often moments of doubt, pain and wrong turns on some projects, but the team’s persistence, professionalism and experience got us through to the very strong finish we were always aiming for. I was particularly impressed that even after the PFC meeting, you were providing additional advice to us on how to think through and proceed with some of your recommendations...true transit professionals to the core!”
-Canadian Transit Client



RESPONSIVE SOLUTION PROVIDERS



PROBLEM SOLVERS



PARTNERS WITH OUR CLIENTS



PROJECT TYPES

- Active Transportation Networks
- Buildings
- Bus & Bus Rapid Transit
- Battery Electric & Charging
- Commuter Rail
- Light Rail
- Operations, Maintenance & Storage Facilities
- Parking
- Stations & Stops
- Streetcar
- Subway

SERVICES

- Advisory
- Climate Resilience & Sustainability
- Core Service Review
- Design
- Operations & Maintenance
- Planning
- Traction Power & Communication

ENGINEERING

- Building Envelope
- Civil & Land Development
- Code & Life Safety
- Electrical
- Environmental
- Fire Protection
- Mechanical
- Structural
- Transportation

VIVANEXT YONGE STREET RAPIDWAY

Toronto, Ontario

**9.6 km
OF RAPID
TRANSITWAY**

**COMPLEX
UTILITY
COORDINATION**

**ROAD DESIGN,
TRAFFIC, CIVIL &
TRANSPORTATION
STRUCTURES**

**PRIME
CONSULTANT**

VivaNext represents a phase of the Viva Rapid Transit System, planned to reduce traffic congestion throughout the Regional Municipality of York. The Yonge Street Corridor Design-Build project involved major arterial road widening and reconstruction, including median “bus-only” lanes, curbside bike lanes and ten bus rapid transit stations, equipped with a real time passenger information system and sheltered, heated passenger platforms. The Morrison Hershfield team provided a wide range of multi-disciplinary services on this complex project.

KATHLEEN ANDREWS TRANSIT GARAGE

Edmonton, AB

Photo Courtesy of gh3*



LEED
SILVER
CERTIFIED

500,000
SQUARE METRE

43%
ENERGY COST
SAVINGS

PROJECT
MANAGEMENT,
BUILDING ENVELOPE,
MEP ENGINEERING,
FIRE PROTECTION,
CODE REVIEW, LEED

Home to 30 of Edmonton Transit's new electric buses, 275 conventional buses and about 400 City staff, the facility is one of North America's leading transit facilities. The decision to accommodate electric buses was made during construction, requiring extensive collaboration and design modifications. The suspended concrete slab that constitutes the majority of the facility was reinforced, and 28 indoor overhead charging stations and a dedicated backup generator were added.

ON-CORRIDOR VEGETATION MANAGEMENT PROGRAM

Toronto, ON



35,000+
TREES
INVENTORIED

250 KM
RAILCORRIDOR

7
RAIL
CORRIDORS

FIELD WORK
GUIDELINE &
MAINTENANCE
PROGRAM
DEVELOPMENT

The GO Expansion is the largest public transit expansion in Canada's history. Vegetation management along the Metrolinx rail corridors will protect the electrification infrastructure, maintain service reliability and minimize safety concerns. Morrison Hershfield developed a vegetation management and compensation strategy that surpasses the regulatory requirements to offset vegetation removal, enhances the local ecosystems and ensures a zero net loss of the tree canopy

OPERATIONS CONTROL CENTRE (OCC)

Burnaby, BC



40,000
SQUARE FEET

**DESIGNED
TO POST-DISASTER
STANDARDS**

\$69M
PROJECT BUDGET

**PROJECT
MANAGEMENT,
STRUCTURAL,
MECHANICAL,
ELECTRICAL**

The SkyTrain Operations Control Centre (OCC) is the central location where the entire SkyTrain transit system's Expo and Millennium Lines are monitored and controlled. The current OCC entered service in 1986 with the original SkyTrain system. Since then, SkyTrain system has significantly expanded and today's OCC is space constrained and will not be able to support SkyTrain's continued extension and/or fleet increases. This project involves building a new OCC to initially enable the commissioning of the Broadway Subway Project and Operations & Maintenance Centre 4, and thereafter, support planned SkyTrain operations until 2045. The new OCC is a \$69M mission critical facility, spanning 40,000 sqft, that meets post disaster and seismic zone four requirements.

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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