



Morrison Hershfield (MH) is a multi-discipline consulting engineering and management firm with 20 offices across North America, 11 of these in Canada, with Manitoba based office located in Winnipeg. MH is privately owned – 100% by key employees, with annual revenues over the past five years that have grown to over \$125 million (CDN) and are now in our 70th year of business. We have a North American staff complement of nearly one thousand people.

Morrison Hershfield provides integrated multidisciplinary engineering and related expertise. We deliver innovative, cost effective and technically sophisticated solutions for both vertical and horizontal infrastructure. Our goal is to provide a single point of contact for all engineering services and to be the first call for engineering solutions that make a difference. We listen closely to client needs and working collaboratively, define the best possible solutions. We are committed to making our clients successful and to establishing long lasting relationships built on loyalty and trust.

Transportation is an integral part of everyday life and vital to the success of trade-dependent economics. We combine professional know-how, local experience and a global perspective to provide our clients with creative and effective engineering and management services from project inception to construction and operations.

MH's Transportation Group has delivered some of the Canadian market's most notable transportation projects. Across Canada, the group consists of Transportation Planners, Engineers and Contract Administrators in excess of 350 persons strong who are highly committed to delivering outstanding quality in meeting our client's objectives on every assignment. MH has a proven track record of successful completion of large, multidisciplinary transportation projects in all its regions of operation locations.

MH Transportation has been proud to be based in Winnipeg for the past six years. During this time, our team (consisting of bridge and highway engineers, technologists and other support personnel) has grown to over 25 persons and have been involved in several technically complex projects for the City of Winnipeg,

other Municipalities, Manitoba Infrastructure, various Constructors and several other key clients.

Our MH Winnipeg staff's strength lies in their transportation expertise. Together they offer senior level experience in urban and rural highway and roadway design, traffic engineering, project management, field inspection and contract administration. In addition, the group brings many years of experience in transportation planning studies.

The MH Winnipeg staff is well known to its Manitoba based clients. Staff members have successfully completed numerous highway and roadway assignments ranging from new interchanges to arterial and local street upgrades.

#### **Our Services include:**

- Planning and Detail Design
- Bridge and Tunnel Design
- Traffic Engineering
- Traffic Modeling and Long-Range Demand Forecasting
- Functional Planning
- Transportation Master Plans
- Environmental Assessment, Planning and Approvals
- Asset Management and Investment Analysis
- Project and Program Management
- Resident Inspections/Construction Administration
- Impact Assessments and Mitigation
- Public Transit and Transit Oriented Development
- Due Diligence, Verification and Condition Surveys
- Sustainable Transportation

#### **Morrison Hershfield Winnipeg Key Personnel**

Bruce Biglow, P.Eng., Director of Transportation, Roads and Highways West

Ron Bruce, P.Eng., Senior Project Manager

Brad Sacher, P.Eng., Senior Project Manager

James Kennedy, P.Eng., Transportation Engineer

Gwen Coolidge, P.Eng., Transportation Designer

Wayne Jaworski, C.E.T., Senior Project Manager

Bill Ebenspanger, P.Eng., Senior Structural Engineer

Beth Phillips, P.Eng. Senior Structural Engineer

Andrew Neilson, P.Eng., Structural Engineer