

Transportation Policy and Research



As governments continue to operate under significant fiscal constraints, road authorities must prioritize investment decisions targeting improvements that will optimize the benefits of each dollar invested. To that end, Morrison Hershfield continues to lend expertise to clients undertaking transportation policy and research to develop new processes, procedures and methodologies to assist clients in maximizing the value of each investment dollar. Developing transportation policies provides new decision-making tools, and ongoing research and innovation ensure the continued efficiency and effectiveness of investments.

We provide a full range of consulting services supporting new construction and rehabilitation services before, during and after construction. Our expertise focuses on:

- **Policy formulation and development**
- **Transportation research and development**
- **Development and delivery of technical training**
- **Development and application of asset valuation and decision-making frameworks**
- **Traffic safety policies**
- **Bylaw and regulation reviews**



Highway Element
Investment Review
(HEIR) Guidelines



School Zone Traffic
Safety Policy
Development



Aesthetic Guidelines
for Bridges



Roundabouts



Policy and Standards
for Light Trespass



Highway Element Investment Review (HEIR) Guidelines

The Highway Element Investment Review (HEIR) guidelines we developed on behalf of the Ministry of Transportation Ontario (MTO) are intended to help highway engineers and designers determine which project elements to include in a given construction contract based on anticipated benefits and costs. A systematic methodology is provided for selecting and prioritizing improvements using principals of economic analysis.



School Zone Traffic Safety Policy Development

We assisted the City of Ottawa in developing a detailed policy document for the successful implementation of an Adult School Crossing Guard Program and a School Zone Traffic Safety Program. Our role was to consider a number of topics relevant to child pedestrian safety, including factors influencing safety, the role of adult crossing guards and the adoption of special programs and measures to enhance safety. The work we undertook allowed the City to develop a comprehensive traffic safety policy for school zones that recognizes the unique characteristics of children and incorporates effective tools and measures to improve safety.

