

Association of Professional Engineers and Geoscientists
of the
Province of Manitoba

Early Achievement Award

Presented to

ERIC B. LOEWEN

B.Sc. C.E., P.Eng.

Eric B. Loewen received his Bachelor of Science in Civil Engineering from the University of Manitoba in 1992. Upon graduation Eric began his career as an Engineer-in-Training with the Winnipeg office of Reid Crowther and Partners Ltd. From 1994 to 2002 he worked for Stantec Consulting Ltd. as a Structural and Project Engineer. In 2002, Eric joined Earth Tech's Winnipeg office and continues his engineering career in the position of Project Manager and Senior Design Engineer.

Eric Loewen has demonstrated his dedication to the engineering profession through enviable technical achievements during the early part of his career. Eric was a resident engineer with responsibility for inspection of the substructure components on the \$880 million, award-winning Confederation Bridge, PEI, Canada. Eric was the project engineer, throughout the design and construction phases, for the York Avenue Underpass, City of Winnipeg. This four track railway bridge, spanning York Avenue, allowed for the continuous operation of CN and Via Rail during construction and involved satisfying the requirements of four major parties; the City of Winnipeg, CN, VIA Rail and the Forks National Historic Site. The Netnak Bridge spanning the Nelson River at Cross Lake, Manitoba is unique in Manitoba for its high ice design loads, deep water depth and hard basaltic rock river bottom. Eric is the design engineer and engineer of record for this 260 m long challenging bridge project which is currently under construction. Eric was the project manager for the 2002 Arlington Overpass Rehabilitation, Winnipeg. The Arlington Overpass Rehabilitation is a Consulting Engineers of Manitoba, award-winning project. The University of Calgary, ICT Building, Calgary, Alberta was a fast-track project that also proved to be an award-winning building. Eric was a design engineer on the project team, responsible for design of steel roof structures in the 300-seat lecture theatres and design of other steel and concrete portions of the complex. The foregoing projects, although impressive, represent a small sample of Eric B. Loewen's technical experience and achievements.

As a professional engineer, Eric has given a variety of presentations to elementary and junior high school students on transportation bridges, in which, he not only generated an interest in engineering but introduced the students to the engineering profession. Eric served the engineering profession through his technical presentations, on the design and construction aspects of the Confederation Bridge, to Manitoba and Canadian technical associations including the ACI, APEGM and the ITE as well as to audiences like the Kiwanis Club and Senior Men's Clubs. He was a member of the APEGM Research & Development Committee in 1994 and since 2003 has been a member of the APEGM Professional Development Committee.

Eric Loewen has demonstrated his dedication to community service while living in Winnipeg and Calgary. He volunteered his services to a Winnipeg youth group within his church as a youth leader and to the Calgary Boy's Brigade (Boy's Club) in 2000 by participating with the youth in the design of a miniature golf course of timber construction.

In 1999, while taking a three month leave of absence, Eric went to Guatemala where he lived with a Spanish speaking family, took Spanish lessons to develop his knowledge of the language and then, using his engineering expertise, assisted a team of local residents and his uncle to build a school and missionary seminary.

In recognition of his significant contributions as an engineer, to society and the engineering profession, in the early part of his career, the Association is pleased to present the Early Achievement Award to Eric B. Loewen.

March 2, 2004