

DR. A. T. (ART) BERGAN

Arthur Theodore Bergan was born in Assiniboia, Saskatchewan, where he joined the Saskatchewan Department of Highways, supervising the design and construction of highways. He attended the University of Saskatchewan, obtaining a Bachelor's Degree in Civil Engineering in 1961.

After graduation, Dr. Bergan continued his road-building career, supervising the design and construction of highways, many in previously undeveloped regions in north and northeastern Saskatchewan. An estimated 500 miles of Saskatchewan highway were built under his supervision, through such challenging terrain as permafrost and muskeg.

Dr. Bergan completed his Master's Degree in Civil Engineering at the U of S in 1964. He then began a career in academia with the U of S Department of Civil Engineering. At the same time, he continued to orchestrate many large road construction projects.

In 1968, he took an educational leave to earn a Ph.D. in Civil Engineering from the Transport Institute of the University of California at Berkeley. Returning to teach at the U of S, over the years Dr. Bergan supervised 46 M.Sc. and Ph.D. students, a number of whom are now leaders in the transportation engineering field. He remains a respected mentor to his former students, continuing to provide sound advice and guidance to many.

Recognized as an international authority on transportation engineering, Dr. Bergan has authored numerous refereed journals and conference proceedings; served on countless college, national and international professional committees; was appointed President of the Canadian Technical Asphalt Association; and served as Assistant Dean of the College of Engineering from 1978 to 1983. He is a member of the Association of Professional Engineers of Saskatchewan and many other engineering and transportation associations.

Dr. Bergan was also instrumental in establishing a network of Transportation Centres across Canada, under the mandate of Transport Canada. The network has evolved into Canada's lead center of excellence in transportation safety research, with research centres located across Canada, including the University of Saskatchewan. The network continues active today, conducting vital research in traffic safety, with Dr. Bergan at the helm in Saskatchewan.

In the late 1970s, Dr. Bergan spearheaded the development of a weigh-in-motion scale, capable of weighing trucks travelling at highway speeds. This new technology led to the formation in 1980 of International Road Dynamics (IRD), a Saskatoon company specializing in the area of weight-in-motion, commercial vehicle operations enforcement and intelligent transportation systems.

Under Dr. Bergan's 20 years of leadership as Chairman of the Board, IRD has become an international leader in Intelligent Transportation Systems (ITS). The company produces and markets its technologies in over 30 countries around the world, generating gross annual revenues in excess of \$20 million. IRD directly employs 140 people, and contracts with many local suppliers and tradespeople.

Inducted into the
Saskatchewan Transportation Hall of Fame
October 2001