



## **OSCAR CHARLES JOSEPH MARSHALL**

**B.A. Sc., C.E., P.Eng., O.L.S.**

**1904 - 1992**

**by Harold L. Macklin, O.L.S. (ret)**

Oscar Charles Joseph Marshall, B.A. Sc., C.E., P.Eng., O.L.S., was born in Preston, Ontario, in February 1904. After attending primary and secondary schools in Galt, he entered the University of Toronto, where he graduated in 1926, with the degree of B.A. Sc. in Civil Engineering. During his undergraduate years, his interest leaned toward surveying and geodesy. Upon graduation, he pursued post graduate work in this field under the supervision of Professor Louis B. Stewart.

From 1927 to 1947, O.J. Marshall was a member of the teaching staff in the Department of Civil Engineering at Ohio State University. His duties there were primarily in the field of surveying and mapping. In this twenty year period, he proceeded through the various teaching ranks from instructor to full professor.

In 1947, he accepted an appointment as Professor of Civil Engineering, Surveying and Geodesy, at the University of Toronto, and in 1953, upon the retirement of Professor W.M. Treadgold, he took on responsibility for the direction of the staff in surveying and the related survey camp activities. He continued in this

appointment until his retirement from the University in 1969. Upon retirement Professor Marshall was accorded the rank of Professor Emeritus.

In keeping with practice at that time, in addition to his teaching duties Professor Marshall spent the summer period gaining professional experience in the field, to apply in the classroom.

The work that he did included topographic surveys for the United States Geological Survey and the Corps of Engineers of the U.S. Army; drainage studies and reports for Ohio State Planning Board; supervision of control surveys for the W.P.A.; field supervisor for the city of Cleveland Regional Geodetic Survey and the division of surveys of the Tennessee Valley Authority. He was also in charge of control surveys and mapping of 12,500 acres for a munitions plant in Marion, Ohio. After returning to Canada, he carried out land surveying projects in the Stratford area and in the Bruce Peninsula and was supervisor of surveys for the Sarnia - Toronto Products oil pipeline.

In 1951, he joined with Harold Macklin to form the partnership of Marshall and Macklin, which in 1952 became Marshall, Macklin, and Monaghan. When this partnership was incorporated in 1957, Professor Marshall was its first President, which position he held until 1961 when he became Chairman of the Board. Professor Marshall sold his interest in the firm of Marshall, Macklin, and Monaghan Limited, to his partners, on retirement in 1969 and continued to consult with the company for a number of years. Throughout his professional career, Professor Marshall insisted on quality workmanship, both from himself and those who worked with him. For a job to meet his approval, it not only had to attain high standards of workmanship, but also to be done on time and within budget; on many occasions the checking procedures which he instituted meant working through the night. Under his guidance and following his motto, Marshall, Macklin, Monaghan grew from humble beginnings as a land surveying firm, serving the needs of the newly established pipeline industry in Canada, to a fully integrated engineering, planning, and surveying company, with offices throughout Southern Ontario. Many graduates of this faculty, who received their tutelage, in part, from O.J. Marshall, carry on the business of Marshall Macklin Monaghan Ontario Limited.

Professor Marshall was a member and active participant in a number of professional organizations including: the Association of Professional Engineers of Ontario; the Association of Ontario Land Surveyors; the American Society of Civil Engineers; the American Congress of Surveying and Mapping; and, the American Society of Photogrammetry.

Professor Marshall was predeceased by his wife, Genevieve, and daughter Marjorie. His other daughter, Marilyn Hemerick, resides in the city of Kitchener.

Oscar Marshall died on August 12, 1992, in Toronto. The lessons learned by those of us who were privileged to work with him, about accuracy, care, and constant checking, will always be remembered.