

The general contractors for the filter plant were the Roberts Filter Manufacturing Company, Inc., of Darby, Pa. The sub-contractors for the concrete work and buildings were Smith Bros. & Wilson, Limited, of Lethbridge. The writer found it a pleasure to do business with both the contractor and the sub-contractor on this work which is now complete.

THE ENGINEERING INSTITUTE OF CANADA ELECTIONS AND TRANSFERS

AT a meeting of the council of the Engineering Institute of Canada held June 25th, 1918, in Montreal, the following elections and transfers were announced:—

ALEXANDER, KAY, elected member, is a resident of Vancouver, B.C. Major Alexander was born at Scottsville, Ky., in 1875. He received a classical-scientific education at Southwestern University and other noted institutions, and later became actively engaged on various engineering projects. Major Alexander is at present serving in France as second in command, 12th C.R.T.

BONN, WILLIAM ERNEST, of Toronto, was born at Barry Wales, in 1887, and was educated at the Royal Technical College, Glasgow. He has been transferred from junior to associate member. Mr. Bonn, after completing several engineering engagements in Glasgow, became resident engineer of the Canadian Northern Railway Co. in 1911, and three years later became assistant engineer in the Department of Public Works, Canada, on the Toronto harbor improvements.

BRICKENDEN, FREDERICK MALCHORN, of London, Ont., has been transferred from junior to associate member. He was born at London Ont., in 1888 and took a diploma course at Toronto. Mr. Brickenden has had considerable experience in the construction of highways and pavements. In 1915 he enlisted as engineer officer with the Canadian Engineers and is now on active service in France.

BROWN, JOHN ELLIOT, of Ottawa, Ont., has been elected member. He was born at Charlottetown, P.E.I., where he received his education at St. Peter's private school. Since serving apprenticeship with the Royal Electric Co., of Montreal, Mr. Brown has been engaged as engineer in various cities of Canada, and is at present general manager of the Ottawa Hydro-Electric Commission.

BUTTON, STANLEY AMOS, of Virden, Man., has been elected associate member. He was born at Forest Gate, England, in 1881, and received educational certificates from the Board of Education, Kensington, for building construction. After holding several prominent positions in connection with engineering projects in England and also in Canada, Mr. Button was appointed district engineer by the Manitoba government.

COLVOCORESSES, GEORGE M., of Humboldt, Arizona, has been elected member. Born at South Orange, N.J., in 1879, and educated at Yale University, he has, since completing his scientific training, been associated with various engineering enterprises. He is at the present time general manager of the Consolidated Arizona Smelting Co. and consulting engineer for the Ohio Copper Co., of Utah and Nicu Steel Corporation, Limited.

CORRIVEAU, RAOUL DE B., of Ottawa, Ont., was born at West Hoboken, N.J., in 1877. He has been transferred from the class of associate member to that of member. After receiving his degree of B.Sc., at McGill University in 1900 Mr. Corriveau was for several years

associated with the Department of Public Works in various capacities. He is at present district engineer, directing investigation and reporting on matters pertaining to the control and improvement of rivers and harbors. He is also making special investigation outside of the district.

HAMILTON, CHESTER B., JR., of Toronto, Ont., is a native of this city and has been elected a member. He received his education at the University of Toronto and after serving apprenticeship in several different shops, principally on engine work, Mr. Hamilton started business on his own account, forming the Hamilton Gear & Machine Co. Since 1915 he has been engaged in the manufacture of shells and other munitions. Mr. Hamilton is a life member of the American Society of Mechanical Engineers, an associate member of the American Institute of Electrical Engineers, and a member of the Society of Automotive Engineers.

KESTER, FRED. HENRY, of Walkerville, Ont., was elected associate member. He was born at Richland, Mich. in 1885, and was educated as a special student in structural and mechanical engineering at the University of Wisconsin. For the past six years Mr. Kester has been acting as designing engineer in Walkerville, Ont., having full responsibility for designs of steel work for railway and highway bridges, factory and office buildings, etc.

LONGLEY, ERNEST HORACE, of New Westminster, B.C., was born at Barnsley, England, in 1875. Educated at Oxford and Cambridge Universities, he later embarked on a career of constructive engineering and for ten years held the position of chief assistant in the civil engineer's office at Barnsley, where he was in complete charge of all contracts. Mr. Longley is at present chief examiner for the Imperial Ministry of Munitions and has been elected member of the Engineering Institute of Canada.

MARKHAM, ERNEST ARTHUR, of Regina, Sask., was born in 1887 at London, England. He received his education at the Northern Polytechnic Institute of London, and is at present superintendent of construction at Regina. Mr. Markham has been elected associate member.

MOONEY, JOHN PATRICK, of St. John, N.B., has been elected junior. He is a native of St. John and received his degree of B.Sc. at New Brunswick University. Mr. Mooney in 1916 was acting civil engineer and estimator for B. Mooney & Sons, general contractors, brick manufacturers and granite quarry operators. At the present time he is in charge of business in a managerial capacity.

NEILSON, STANLEY ALEXANDER, of Westmount, Que., has been transferred from class of student to that of junior. He was born at St. Thomas, Ont., in 1895, and took a B.Sc. degree at McGill University in 1916. At the present time he is resident engineer of the Hull Electric Co., Hull, Que.

STEWART, ROBERT BRUCE, of New Glasgow, N.S., has been transferred from an associate member to member. He was born at Charlottetown, P.E.I., in 1887 and educated at McGill University. For some years Mr. Stewart was associated with the Dominion Bridge Co. but in 1914 he became manager and engineer of the Maritime Bridge Co., Limited, New Glasgow, N.S.

WALKER, CLAUDE MELVILLE, of Ottawa, Ont., has been elected associate member. He was born at Harrison, Ont., in 1883, and received his degree of B.Sc. at Toronto in 1911 and of A.L.S. in 1914. After holding various responsible positions in the western provinces, Mr. Walker came to Ottawa in 1917 and is at the present time in the Topographical Surveys Branch, Department of Interior.