

upon the aqueduct enlargement in all its phases. The board refused to grant the petition, despite pressure that was brought to bear by the leading business interests of Montreal. The engineers who presented the petition then offered to appoint a committee from among themselves who would report upon the matter free of all cost to the city, although the work would be worth some eight or ten thousand dollars and would occupy a month of time. The Board of Control refused that offer also, but it now seems that the aldermen have been wiser.

The official request will likely be forwarded to the secretary of the Canadian Society of Civil Engineers by the secretary of the Board of Control.

### CANADIAN SECTION OF THE AMERICAN WATERWORKS ASSOCIATION.

The petition for the formation of a Canadian Section of the American Waterworks Association has been submitted to the executive committee of the association and has been favorably acted upon.

There are at present about 46 members of all grades of the association resident in Canada. This number should be sufficient to form the nucleus of a strong and active section. Such a section can be made of great value to engineers in Canada who are especially concerned with the construction and maintenance of waterworks, filtration plants, sewerage systems and sanitary engineering generally.

It cannot, however, render the greatest possible service to the membership unless that membership in turn is sufficiently concerned in the welfare of the organization to contribute of its time and interest. Members of the association will get no more out of the section than they put into it. It calls for the practical co-operation of all those engineers in Canada who are interested in this particular phase of engineering effort.

### PERSONAL.

SMITH & SMITH have been appointed engineers of Victoria County, Ont.

FRANK CHAPPELL, A.M.Can.Soc.C.E., who until recently was town engineer of Oshawa, Ont., is a lieutenant in the 182nd overseas battalion. He has qualified as captain.

STANLEY L. EISENHOFER, assistant engineer in the Hamilton Hydro-Electric system, has received an important appointment with the Hydro-Electric Power Commission of Ontario.

J. J. MOYAN, of the Department of Railways and Canals, Ottawa, now engaged on the new Welland Canal, was in Hamilton recently to discuss the question of a garbage reduction plant.

Prof. J. C. GWILLIM, of the Engineering Department of Queen's School of Mining, Kingston, Ont., has been appointed Captain in the Canadian Engineers, and will leave shortly for Valcartier Camp.

R. C. HARRIS, Commissioner of Works for the city of Toronto, accompanied by several members of his staff, will visit Milwaukee during the next few weeks to inspect the activated sludge experimental plant.

Lieut.-Col. J. W. STEWART, of the railway contracting firm of Foley, Welch & Stewart, has opened a recruiting office for the 239th battalion of railway and bridge builders at No. 703 McArthur Building, Winnipeg. The men will be engaged in building war railways for the Allies.

### OBITUARY.

Lieut. H. J. HAFFNER, formerly the senior member of the firm of Messrs. Haffner & Wartell, civil engineers, Victoria, has been killed in action. Lieut. Haffner was in charge of the machine gun section of the 48th Battalion, which left Victoria, B.C., last June, but on account of his expert engineering knowledge, he was transferred to the corps of engineers on reaching England. He was a native of Elora, Ont., but had lived in British Columbia for several years prior to the outbreak of the war, having followed the profession of civil engineer during most of that time, and in that capacity he was engaged in the construction of the famous Windermere Road. He was 35 years of age.

ROBERT MAITLAND ROY, general manager of the Hamilton Bridge Works, Hamilton, Ont., died last week after nearly a year's severe illness. Mr. Roy was a full member of both the American and Canadian societies of civil engineers, and was well-known as a structural designer of considerable ability. As an executive Mr. Roy built up the Hamilton Bridge Works from a comparatively small shop to its present prominent position in the trade. He was an alderman of the city of Hamilton, and chairman of the works committee of council. As a boy, he worked with the G.T.R., and at a later date with the old Peterborough Bridge Co., thus receiving his initial training in the structural steel business. He entered the employ of the Hamilton Bridge Co. twenty years ago as head of their highway bridge department. At the time of death Mr. Roy was forty-six years of age.

### CANADIAN SOCIETY OF CIVIL ENGINEERS—ELECTION OF MEMBERS.

The council of the Canadian Society of Civil Engineers met at Montreal June 27th and made a number of elections and transfers as follows:—

Members—Farley G. Clark, of Toronto; James H. Fuertes, of New York City; Wallace R. Harris, of Regina; Alex. McLellan, of Belleville; and John W. Moore, Jr., of Victoria, B.C.

Associate Members—Walter Bowden, of Revelstoke, B.C.; Edwin A. A. Cowen, of Montreal; Andrew W. P. Lowrie, of Calgary; James T. Mitchell, of Ottawa; J. Arthur H. O'Reilly, of Winnipeg; Norman M. Sutherland, of Calgary; and Christopher J. Yorath, of Saskatoon.

Junior—Harry W. Mahon, of Halifax, N.S.

Transferred from Associate Member to Member—Alexander Gray, of Ottawa; and Wilfrid S. Lawson, of Ottawa.

From Junior to Associate Member—Raymond J. Beausoleil, of Montreal; Francis H. Kortright, of Oakville; Ernest M. Salter, of Winnipeg; Thomas M. Schenk, of Halifax, N.S.; Louis G. Trudeau, of Rimouski, Que.; and James M. Wardle, of Ottawa.

From Student to Associate Member—Alphonse Lafleche, of Quebec; and Clyde C. Sutherland, of Edmonton.