

electrical engineering, class of 1908, at Lehigh University, and served in France as a captain in the United States army.

FRANK S. RUTHERFORD has been appointed organizer for the industrial and technical educational board of the Ontario Department of Education, at a salary of \$3,500 per annum. Mr. Rutherford is a graduate of the Faculty of Applied Science and Engineering, University of Toronto. He enlisted in 1914 with the 2nd Field Company, Canadian Engineers, and went to France with the first contingent. He returned to Canada as a casualty and was assigned to duty in the school of trench warfare. In February, 1919, he was appointed officer in charge of the Professional Employment Bureau of the Department of Soldiers' Civil Re-establishment.

### OBITUARIES

GEORGE P. MAGANN, a well-known railway contractor, died last month at his residence at Toronto at the age of 71 years, a victim of the influenza epidemic. Mr. Magann was born in Ireland and was brought to Canada when three years of age. He was educated in Hamilton, Ont. Mr. Magann had contracts at various times on most of the leading railways in Canada. He was one of the inventors of the Magann air brake in use in street railway operation.

MICHAEL J. STACK, president of the M. J. Stack Paving & Contracting Co., Montreal, died last Sunday at his residence in Westmount, after a week's illness with pneumonia. He was 42 years of age. Mr. Stack had carried out many important contracts in the vicinity of Montreal, including a large part of the Montreal-Quebec highway, and the underground conduits at Verdun. At the present time, his company is engaged in the construction of St. Augustin's Roman Catholic Church in Notre Dame de Grace. Mr. Stack was educated in the public school of Montreal, and entered the contracting business with his father's firm in 1890, continuing the business after his father's death.

G. REID MUNRO, sales manager of the Wm. Hamilton Mfg. Co., Peterborough, Ont., died last Monday after an attack of influenza. Mr. Munro graduated from the Faculty of Applied Science and Engineering, University of Toronto, with the class of 1905. He was elected to membership in the Engineering Institute of Canada in 1911, and was largely instrumental in the absorption of the Peterborough Engineering Society as a branch of the Engineering Institute. Mr. Munro was one of the organizers of the Peterborough Engineering Society and was its president when it was taken over two months ago as a branch of the institute. He was elected as the first chairman of the branch. Mr. Munro had been with the Wm. Hamilton Co. for a number of years, specializing in the design and installation of hydraulic turbines. He was well-known throughout Canada among engineers engaged in hydro-electric work. He was in attendance at the annual meeting of the Engineering Institute last month and was at that time elected as one of the councillors of the newly-formed Engineering Alumni Association of the University of Toronto.

A monumental museum as a Canadian war memorial has been recommended by the Royal Society, the Royal Canadian Academy and the Town Planning Institute. It was also recommended that the work be placed in the hands of a special commission, and that architects be asked to submit competitive designs.

At the recent annual meeting of the Association of Ontario Land Surveyors, Col. A. J. VanNostrand, J. S. Dobie and C. Fraser Aylesworth were appointed as a committee to confer with committees of other associations of surveyors concerning the practicability of the formation of a national association of surveyors. The majority of the members of the Ontario association favored the formation of such a national association. The Association of Alberta Land Surveyors originated the movement in favor of the national association and secured the endorsement of the Association of Dominion Land Surveyors at the latter's recent annual meeting.

### NOVA SCOTIA BILL INTRODUCED

ORGANIZATION of the Nova Scotia Society of Professional Civil Engineers was completed recently, with C. E. W. Dodwell, of Halifax, as president, and D. H. McDougall, of New Glasgow, as vice-president. The provisional councillors are: J. R. Allan, Dartmouth; T. J. Brown, Sydney Mines; F. A. Bowman, Halifax; F. W. Doane, Halifax; A. F. Dyer, Halifax; F. R. Faulkner, Halifax; I. P. Macnab, Halifax; W. G. Matheson, New Glasgow; W. P. Morrison, Dartmouth; C. M. O'Dell, Glace Bay; D. W. Robb, Amherst; J. W. Roland, Halifax; F. H. Sexton, Halifax; K. H. Smith, Halifax; and L. H. Wheaton, Halifax. This society has been formed in anticipation of the passing by the Nova Scotia legislature of the bill which calls for the registration and licensing of professional engineers, and which requires the formation of such an association of engineers within the province to administer the act. Within six months after the passing of the bill a permanent council of the society will be elected or else the election of the provisional council will be confirmed.

### B. C. SURVEYORS OPPOSE BILL

OPPOSITION by the British Columbia Land Surveyors' Association to the bill introduced in the British Columbia legislature for registering and licensing professional engineers, was revealed when H. A. MacLean, K.C., accompanied by the president of the surveyors' association, appeared this week before the private bills' committee and claimed that the bill would prevent surveyors from advising regarding development of mining claims. The bill was supported by a delegation of a score of prominent members of the Engineering Institute of Canada, headed by E. G. Matheson, of Vancouver, who claimed that it was in the interests of the miner to employ a properly qualified engineer to direct him in development work. C. F. Nelson, M.P.P., of Slocan, objected to the bill on the ground that it limits to three months the time within which an outside engineer could practice in British Columbia without becoming a member of the "Association of Professional Engineers of British Columbia." Mr. Nelson thought that this time should be extended sufficiently that engineer could be brought in from outside the province and have time to plan big undertakings without becoming a member of the association. The private bills committee decided to recommend the bill to the legislature with amendments covering these objections.

John Anderson, Jr., chairman of the good roads committee of the county of Peel, whose address is Macville, Ont., is seeking applications from engineers qualified to supervise the construction of county roads.

According to reports from St. Catharines, Ont., engineers of the Welland canal staff have been notified to prepare for the resumption of work, as it is expected that parliament will pass a large appropriation at an early date.

Sir George Foster, acting prime minister of Canada, has declared that it is the Dominion's intention to negotiate with J. D. McArthur for the purchase of the Edmonton, Dunvegan & British Columbia Railway. If the government purchases the railway, it will be extended and incorporated as a part of the C. N. R. system.

The new \$5,000,000 plate mill recently built by the Dominion Steel Corporation at Sydney, N.S., has been placed in operation. The first steel plate rolled was subjected to all tests by Lloyds' inspectors and found to be equal to the highest standard required for ship construction. The mill has a capacity of 100,000 tons of plates per annum.

Ald. F. Fowler, chairman of the works committee of the Winnipeg city council, told the other members of his committee at a recent meeting that he estimated the damage done to the water mains of Winnipeg by electrolysis at \$500,000 annually. Ald. Winton stated that in his opinion much of the damage attributed to electrolysis is due to alkali.