

cannot but be effective and beneficial in a number of ways, not only to those who are privileged to attend but to highway engineering generally. They foster a spirit of co-operation between the engineers of the Provincial Department of Highways and the men out in the field who are carrying out the actual work, which is most desirable. At these annual conferences the questions growing out of the design, construction and maintenance of county roads are freely discussed. They constitute a clearing house for ideas and the experience gained at them cannot help but lead to a broader and better understanding of road work.

PERSONAL.

JOHN FAIR has been elected chairman of the water commission, Brantford, Ont.

J. ARCHIBALD KERR has been elected chairman of the Water Commission, Petrolia, Ont.

Dr. J. A. AMYOT, director of the Ontario public board of health laboratories, Toronto, has been appointed sanitary adviser in England to the Canadian forces.

S. W. BARNSTEAD, C.E., has been appointed engineer for the Holden end of the big drainage scheme in the district of Holden and Daysland municipalities, Alberta.

Lieut. J. V. DILLABOUGH, A.M.Can.Soc.C.E., for the past four years assistant chief engineer of the Hudson's Bay Railway, has been appointed second in command of the 228th Battalion, Winnipeg.

E. EVANS, formerly inspector of the sewer maintenance department, Edmonton, Alta., has been appointed superintendent of the sewage disposal plant with control of all matters pertaining to the sewers of the city.

F. J. GLOVER, municipal engineer, Langley, B.C., has enlisted for overseas service, and will leave for England in about six weeks' time, in charge of a tunnelling company with the Engineers of North Vancouver.

Capt. A. GERALD KNIGHT, a graduate of the Department of Applied Science and Engineering of the University of Toronto, who recently was reported to have been awarded the D.S.O., and later the M.C., is now reported missing.

F. P. BRADY, general superintendent of the Canadian Government Railways, who has been a patient in a Rochester, Minn., hospital for the past four months, is so far recovered as to be able to return to Winnipeg, but not yet able to return to duty.

Lieut.-Col. F. O. W. LOOMIS has been awarded the D.S.O. He was, prior to the war, a member of the Montreal contracting firm of D. C. Loomis & Sons. He went to the front with the first Canadian contingent, and is now with the headquarters staff in England.

J. G. MAYO, formerly assistant general manager of the Mattagami Pulp and Paper Company, has joined the sales staff of the Canadian Fairbanks-Morse Co., Limited, with headquarters at Montreal, as head of that firm's newly organized pulp and paper mill department.

A. E. GRIFFIN, of the firm of Foley, Welch & Stewart, Vancouver, B.C., has been asked to report at once in England. He is to be given charge of a corps of railway construction men. The appointment has been made by Col. J. W. Stewart, deputy director of light railway construction in France.

M. A. GRAINGER, for the past two years acting chief forester for the forest branch of the Department of

Lands, British Columbia, has been appointed to the office of chief forester in succession to Mr. H. B. MacMILLAN, who recently resigned to accept the position of assistant manager of the Victoria Lumber and Manufacturing Company, with headquarters at Chemainus, B.C.

Capt. H. A. WOOD, son of Mr. D. O. Wood, general freight agent of the Allan Line, Toronto, has recently received his promotion to flight commander, with rank of captain. Capt. Wood is a graduate of the School of Practical Science, Toronto, 22 years old, and was with the engineering staff of the Toronto Harbor Commission prior to going overseas.

Second-Lieut. YVES LAMONTAGNE, of the Royal Engineers, was wounded on the 12th of January. Lieut. Lamontagne had just been graduated in Applied Science at McGill University when he enlisted as a private in a railway construction corps in July, 1915. He went to the front with that unit and in January of last year was transferred to the Royal Engineers, and given his commission as second-lieutenant. He is at present serving with the 74th Field Company. His home is in Montreal.

JESSE K. GIESEY has been admitted to partnership in the firm of Geo. W. Fuller, consulting engineers, New York City, and the firm name has been changed to FULLER & McCLINTOCK. Mr. Jas. R. McClintock has been associated with Mr. Fuller for a number of years. Mr. Giesey graduated at Rensselaer Polytechnic Institute in 1904. He was a member of the staff of Hering & Fuller, 1904-11; assistant engineer with Hering & Gregory, 1911-14; and latterly in charge of the outfall sewer, pumping station and sewage treatment works at York, Pa.

Major E. G. M. CAPE, president of the E. G. M. Cape & Co., Limited, contractors, Montreal, was mentioned in the recent despatches by Field Marshal Sir Douglas Haig. Major Cape commands the 106th Battery Canadian Heavy Siege Artillery, one of the finest batteries that ever left Canada. Major Cape, who is a B.Sc., was at one period lecturer on mechanical engineering at McGill University, and has also held positions with public companies. He is a member of the Canadian Society of Civil Engineers.

OBITUARY.

Lieut. RONALD HAYWARD, son of Mr. R. F. Hayward, general manager of the Western Canada Power Company, Vancouver, B.C., who joined the Royal Horse Artillery in England, was recently killed in action at Salonika.

R. E. SPEAKMAN, city engineer of Brandon, Man., for the past nine years, passed away in a Rochester, Minn., hospital on January 13th at the age of 70 years. Mr. Speakman was also city engineer of St. Catharines before going to Brandon, and at one time had an office in Toronto. He was a member of the Canadian Society of Civil Engineers.

CORRECTION.

In last week's issue in the article "Analysis of Chicago By-law for Flat Slabs," by W. W. Pearse, Equation 19 should have read: $Mt = wL^3/28.5$. Equation 20 should have read: $Mt = WL/28.5$. The line just before Equation 1 should have read: $Mt/2 = wL^3/57$.