

CANADIAN SOCIETY OF CIVIL ENGINEERS.

Regular Meeting, March 4th, 1915.

The regular monthly meeting of the Canadian Society of Civil Engineers was held in Montreal on the evening of the 4th instant. A paper of unusual merit by Mr. Chas. A. Lee, A.M.Can.Soc.C.E., of Vancouver, describing the Jordan River Power Development, was presented. In the absence of the author, the paper was read by Mr. de Gaspé Beaubien, A.M.Can.Soc.C.E., of Montreal. At the conclusion a number of lantern slides were shown. Mr. W. F. Tye, Past President of the Society, was Chairman.

The many interesting and unique points brought out in the paper were of so much importance that it was decided to defer the discussion of the paper until a subsequent meeting.

Mr. Lee described graphically the conditions in the primeval forests of the Island of Vancouver, the difficulties of transportation, and the tremendous rainfall and percentage of run-off. He also gave a full description of the second highest reinforced concrete skeleton dam that has ever been built, and concluded with a full account of the power house and equipment. The head under which the plant operates is one thousand one hundred and fifty feet.

At the conclusion of the address a hearty vote of thanks was tendered to Mr. Beaubien for the lucid manner in which he read the paper, and it was moved by Mr. J. A. Jamieson, and seconded by Mr. Frederick B. Brown, that the thanks of the Society be tendered to Mr. Chas. A. Lee for his exceedingly interesting and valuable contribution to the literature of the Society.

HALF A THOUSAND CANADIAN ENGINEERS FOR BELGIUM AND FRANCE.

Arrangements are being made at Ottawa for the organization of a special corps of 500 engineers to go to the front for the purpose of rebuilding bridges, and readjusting railway lines throughout the war zone. Mr. C. W. P. Ramsey, engineer in charge of construction for the Canadian Pacific Railway, is at present in charge of the organization work, and it is probable that he will be in command of the Corps. The great importance of rapid lines of communication in modern warfare necessitates competent repair and construction of existing lines as well as speedy replacement of destroyed bridges and works of a similar nature. The corps will consist of railway and bridge engineers, and mechanics experienced in work of this nature. While Mr. Ramsey is the C.P.R. man, the corps itself will consist largely of men from the three large Canadian systems.

PERSONAL.

WM. MAUND, Travelling Auditor for the T. & N. O. Railway, has been appointed to succeed the late A. J. McGee as Secretary and Treasurer of the T. & N. O. Commission.

G. G. S. LINDSEY, K.C., of Toronto, was re-elected president of the Canadian Mining Institute at its convention last week. Other officials are announced elsewhere in this issue.

W. H. HAZLETT, for 15 years with the British Columbia Electric Railway Company, has joined the firm of A. G. Langley & Company, Limited, engineers and contractors, Vancouver, B.C.

REG. H. THOMSON, engineer at Strathcona Park, B.C., for the British Columbia Government, is reported to have sent

in his resignation. It is understood that he will engage in business in Seattle.

HENRY W. DURHAM, M.Am.Soc.C.E., former chief engineer of highways, Borough of Manhattan, New York City, on February 26th, delivered an illustrated lecture on "Relation of Tests of Physical Properties and the Wearing Qualities of Paving Materials," before the graduate students in highway engineering at Columbia University.

E. L. COUSINS, B.A.Sc., Chief Engineer of the Toronto Board of Harbor Commissioners, has been granted leave of absence to undertake the preparation of plans for a system of radials and radial entrances for the city. It is estimated that this work will engage Mr. Cousins' services for 8 or 9 months. During this time Mr. Jas. Wainwright, Assistant Harbor Engineer, will have charge of the harbor improvements.

JNO. W. ASTLEY, C.E., who for the past seven years has been engineer of construction for Winnipeg, is severing his connection with the city in that capacity. Winnipeg, in view of the necessity of curtailing practically all work except absolutely necessary expenditure, has decided to go back to the old order of things and place all such work under the City Engineer's department. During his lengthy tenure of office with the city, Mr. Astley had a very large experience in handling almost every class of construction work. It will be remembered that he is a strong advocate of day labor for certain classes of city works, especially local improvements.

OBITUARY.

The death occurred in Toronto last week of Mr. A. J. McGee, secretary-treasurer of the Timiskaming and Northern Ontario Railway Commission. Mr. McGee had served the province in this capacity since 1905, having previously been associated with the Canada Atlantic Railway. His death is most deeply felt in Northern Ontario, in the development of which he took a very active interest.

The death occurred on February 17th, of Mr. Wm. F. Gurley, president of the firm of W. & L. E. Gurley, Troy, N.Y., with whose products Canadian engineers and surveyors are familiar. Mr. Gurley was a noted educationalist and philanthropist, a staunch advocate of thoroughness in commercial and financial development, and an active participant in civic and state affairs. He was president of the Troy and Bennington Railroad, treasurer of the Taylor Truck Company, and a director of many commercial, banking and educational institutions.

COMING MEETINGS.

AMERICAN RAILWAY ENGINEERING ASSOCIATION.—Annual meeting to be held in Chicago, March 16th to 18th, 1915. Secretary, E. H. Fritch, 900 South Michigan Avenue, Chicago.

CANADIAN AND INTERNATIONAL GOOD ROADS CONGRESS.—Second Annual Convention, Toronto, March 22 to 26, 1915. Secretary, Geo. A. McNamee, Dominion Good Roads Association, Montreal.

TORONTO ELECTRICAL SHOW.—The second annual exhibition, to be held in the Arena, Toronto, April 12th to 17th. Secretary, Mr. E. M. Wilcox, 62 Temperance Street, Toronto.

AMERICAN WATERWORKS ASSOCIATION.—The 35th annual convention, to be held in Cincinnati, Ohio, May 10th to 14th, 1915. Secretary, J. M. Diven, 47 State Street, Troy, N.Y.