

NEWS OF THE ENGINEERING SOCIETIES

Brief items relating to the activities of associations for men in engineering and closely allied practice. THE CANADIAN ENGINEER publishes, on page 94, a directory of such societies and their chief officials.

ONTARIO LAND SURVEYORS' ASSOCIATION.

Annual Meeting Held in Toronto, February 17th, 18th and 19th, 1914.

The morning session on the 17th was devoted to meetings of standing and special committees and meeting of the council of management.

In the afternoon, the president, Mr. J. S. Dobie, delivered his address, which was a resumé of the past year's history on matters of interest to the association. It contained many useful suggestions for the future, all of which were heartily endorsed by the meeting.

Reports of council of management, board of examiners, secretary-treasurer, committees on legislation and on publication, were presented and dealt with.

Mr. H. T. Routly of Toronto, presented his paper on "Contour Survey on Abitibi River," which evoked considerable interest. The contents of the paper were made clear and described by means of a large copy of the plan of survey.

Mr. H. O. Dempster of Gananoque, Ont., gave an interesting description of survey work in British Columbia, the different systems of survey and the conditions under which these are made.

Mr. E. W. Neelands of New Liskeard, Ont., had a paper on water power development and the transmission of electric power in Northern Ontario.

8 p.m.—Professor L. B. Stewart, of the Faculty of Applied Science, Toronto University, presented a very interesting paper on the Inter-provincial Boundary between Ontario and Manitoba, describing the different astronomical problems and the calculations involved in the question, as well as the method of procedure in defining the line on the ground.

Mr. J. F. Whitson, entertained the convention for some time with lantern slide pictures of the work of road building and colonization in Northern Ontario, and also many pictures of natural scenery in the northern and western parts of Ontario.

Wednesday Session.—Mr. C. J. Murphy, Toronto, chairman of the committee on land surveying, presented his report including answers to the question drawer, which involved the solution of many intricate points regarding the legal method of procedure in certain surveys.

Mr. T. B. Speight, Toronto, read a paper on "Surveys in Certain Townships in the 640 acre Sectional System," and some of the difficulties to be worked out where the original survey was lacking in accuracy.

Mr. A. G. Ardagh, Barrie, read a paper on difficulties arising from surveys made in double front concession townships, and pointed out several cases where the procedure under the Survey Act was not definite.

In the afternoon, Mr. G. A. McCubbin, St. Thomas, chairman of committee on drainage, presented the report which outlined improvements necessary for the good of the public and the benefit of drainage engineers.

Mr. Alan M. Jackson, Brantford, read a paper on "Permanent Street Grades," which was heartily endorsed. He advocated the fixing of permanent levels in new subdivisions in order that a builder might rely on having a fixed level of street before constructing buildings on the adjoining lots.

Mr. E. D. Bolton of Listowel, presented a valuable paper on the "Working of the Ditches and Watercourse Act," des-

cribing the difficulties arising in proceeding and carrying out drainage under this Statute.

Banquet.—The annual dinner of the association was held on Wednesday evening, at the Engineer's Club, and was one of the most successful dinners in the history of the association. The guests included Hon. W. H. Hearst, E. Douglas Armour, Frank Arnoldi, R. F. Stupart, F. C. Mechin, J. S. Bach, E. J. Zavitz.

Responses to the different toasts were both eloquent and humorous, and the evening was enlivened with songs by Messrs. Boyd, Phillips, LeMay, Leigh and Bartram.

On Thursday morning the association concluded its meeting by passing resolutions, vote of thanks to all those who helped to make the convention a success. Matters of new business and unfinished business were attended to and the election of officers. The following were elected:—

President, J. W. Fitzgerald, Peterborough; vice-president, E. T. Wilkie, Toronto; secretary-treasurer, L. V. Rorke (re-elected), Toronto; council of management (2 to be elected by letter ballot), J. M. Watson, Orillia; E. D. Bolton, Listowel; Jno. H. Shaw, North Bay; G. B. Kirkpatrick, Toronto; J. J. McKay, Hamilton; auditors, Jno. VanNostrand, Toronto; A. E. Jupp, Toronto.

The meeting of the association is held on the second Tuesday in February each year in Toronto.

TORONTO BRANCH, CAN. SOC. C.E.

Toronto branch of the Canadian Society held a very important and well-attended meeting, Wednesday, February 25th, in the Chemistry and Mining Building, University of Toronto. Mr. C. N. Monsarrat, C.E., chairman and Chief Engineer of the Quebec Bridge Commission was the speaker. He gave an illustrated address on the foundation work in connection with the construction of the new Quebec bridge. The paper was most interesting, and brought forth some very complimentary discussion.

The following meetings for the Toronto branch are announced:—

Thursday, March 5th—Discussion on the "New Specifications for Reinforced Concrete."

Thursday, March 12th—Luncheon.

Thursday, March 26th—Address on "The Proposed Terminal of the T. and N.O. Railway System on James Bay," by J. G. G. Kerry, C.E.

Thursday, April 16th—Luncheon.

Thursday, April 23rd—Paper on "The Clays and Clay Industries of Canada," by J. Keele, B.A.Sc., of the Geological Survey of Canada.

The luncheons will be held at 1 p.m., and the evening meetings at 8 p.m.

Members will be notified by mail as to the place of meeting.

VANCOUVER BRANCH, CAN. SOC. C.E.

At the meeting of the Vancouver branch of the Canadian Society of Civil Engineers on February 18th, there was a discussion of the proposed Second Narrows dam and the Pitt River Canal. The discussion brought out a variety of opinions, as to the desirability, cost and effects of the proposed works.