

ANNUAL MEETING, DOMINION LAND SURVEYORS.

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explained some of the more important points in Mr. Kitto's paper. Mr. Brownlee also added interestingly to the discussion.

A paper entitled "Laboratories of the Dominion Land Surveys at Ottawa," by Mr. W. C. Way, a member of the staff of the Topographical Surveys, Ottawa, elicited considerable interest. This was well illustrated by numerous photographic views. A summary of this paper, illustrated by many of the views, was published in *The Canadian Engineer* for October 29th, 1914, page 586.

"Notes on Plane Table Surveying" was the subject of the discussion at the afternoon session, introduced, with a paper, by C. R. Westland, D.L.S., while Mr. J. W. Harris, city surveyor of Winnipeg, spoke on "Early Survey of Manitoba." The latter proved very popular among the members, not only because of its informative and interesting character, but because Mr. Harris is one of the best posted surveyors of the Dominion.

"The General Suitability of Boundary Posts for Survey Work" was a topic of discussion during this session. Specimens of indestructible metal posts were produced and discussed, the type being that used by United States surveyors. Their several points of advantage over posts such as are used in Canada were enumerated, with the result that a special committee was appointed to report fully on the question. It is thought probable that changes in the type of survey posts used in Canada may be made in the near future.

Then followed the nomination and election of officers for the ensuing year. They are as follows: President, Mr. A. H. Hawkins, D.L.S., Listowel, Ont.; vice-president, Mr. J. J. McArthur, D.L.S., Ottawa; secretary-treasurer, Major E. W. Hubbell, D.L.S., Ottawa, re-elected; executive committee, E. M. Dennis, D.L.S., D. F. Robertson, D.L.S., D. H. Nelles, D.L.S., all of Ottawa.

The convention was fittingly closed on Friday evening by one of the most successful banquets in the history of the association. About 60 members were present. Dr. Otto Klotz presided, while Hon. Dr. J. W. Roche, Minister of the Interior, was chief guest of honor.

Other speakers were Mr. A. E. Bradbury, M.P.; Major Rothwell; Mr. C. F. Aylesworth, of Madoc, Ont., the retiring president; Mr. A. E. Fripp, K.C., M.P.; Mr. R. H. Campbell; Major E. W. Hubbell and others. A number of those present were in uniform, which fitted in well with the patriotic speeches of the occasion. Two toasts only were proposed, *viz.*, the King, and Parliament of Canada.

The banquet was held at the Chateau Laurier, while the other sessions of the meeting were held in the Carnegie Library lecture hall.

ANNOUNCEMENT OF ANNUAL DINNER.

The executive committee of the University of Toronto Engineering Society has announced that its annual dinner will be held on Friday, February 12th. One of the speakers will be ex-Mayor Thos. R. Deacon, C.E., President of the Manitoba Bridge and Iron Works, and a graduate of 1891 of the School of Practical Science, Toronto.

Detailed arrangements will be announced next week.

PERSONAL.

J. A. BAIRD, town engineer of Leamington, Ont., is resigning.

WILLIAM PARKER has been appointed superintendent of the Hamilton Street Railway Company, Hamilton, Ont.

D. C. ARCHIBALD, city engineer of Saskatoon, has been given full charge of the city's pumping station and filtration plant.

A. KILPATRICK succeeds Mr. H. McCall as superintendent of the Edmonton-Prince George division of the Grand Trunk Pacific, with headquarters at Edson, Alta.

CHAS. DAVID MARX, Professor of Civil Engineering at Leland Stanford, Jr., University, was last week elected president of the American Society of Civil Engineers.

R. G. HARVEY, city engineer of Duncan, B.C., has resigned. Mr. Harvey has been with the city as city engineer, electrician, and water works superintendent since its incorporation, three years ago.

H. McCALL has been appointed superintendent of the Winnipeg-Watrous main line division, and of the Melville-Canora branch of the Grand Trunk Pacific, with headquarters at Melville, Sask., succeeding Mr. G. S. Cooke, resigned.

OBITUARY.

The death occurred last week in Montreal of Charles Lester, who was sales manager of the waterworks supply department of the John McDougall Caledonian Iron Works Company, Limited. Mr. Lester was born in India and educated at Edinburgh. After the completion of his training, he returned to India for several years, where he was engaged in engineering work. He came to Canada twenty years ago, and has been with the McDougall Company ever since. Mr. Lester was an expert on municipal water supply systems, and was well known throughout the country, as he travelled all over Canada for his firm. He was a charter member of the Engineers' Club of Montreal, and was one of the consulting engineers for Three Rivers, P.Q.

VANCOUVER BRANCH, CANADIAN SOCIETY OF CIVIL ENGINEERS.

The regular meeting of the Vancouver Branch, Canadian Society of Civil Engineers, was held on Thursday, January 21st, 1915. An illustrated paper on street railway track construction was presented by Mr. H. J. Tippet, Jr., Can. Soc. C.E.

CLAY PRODUCTS CONVENTION.

At the annual meeting of the Canadian National Clay Products Association held last week in Toronto, the following officers were elected for the current year: Past President, C. A. Millar, Toronto; President, J. Edward Frid, Hamilton; Vice-Presidents, A. F. Greaves-Walker, Toronto; Thomas Kennedy, Swansea; William Burgess, Toronto; Secretary-Treasurer, Gordon Keith, Toronto; Councillors: Messrs. C. B. Lewis, Milton; D. A. Lochrie, Toronto; W. McCreadie, Lyon, Ont.; Angus German, Toronto, and John S. McCannell, Milton.

There are 32,500 electric light meters in Winnipeg, according to the annual report of the power engineer. During the year 1914, 68,762,647 kilowatts were generated, an increase over the preceding year of 22.45 per cent.