

and also to become members of the association at the rate of \$25 per annum, and it is hoped by the executive that enough members will be obtained to make the association self-supporting this year and to enable it to open a permanent office in Ottawa.

After the luncheon the general contractors met and decided to incorporate a Canadian General Contractors' Association. J. B. Carswell, of Toronto, was elected president; W. H. Yates, of Hamilton, vice-president; and Hugh Graham, of Ottawa, secretary. The term "general contractor" was defined, and it was held that in order to obtain membership in the association a contractor must be responsible for all of the trades in carrying out the contract for an entire structure, and that he must perform with his own organization the work of at least two of the trades.

At 3 p.m. the conference assembled for the last session and received the final report of the committee on constitution and by-laws. The newly-formed Canadian General Contractors' Association announced their organization and applied for a collective membership in the Association of Canadian Building and Construction Industries. Upon motion of Mr. Smallpiece, the conference recommended that the incoming executive consider the advisability of addressing the government in regard to readjustments in the business profits tax. Mr. Thomas, of Calgary, urged that more publicity for the conference be obtained, especially in the daily press, and this was referred to the incoming executive. On motion of Mr. Pigott, it was decided that forms should be prepared and circulated during the coming year to obtain new members for the association.

ENGINEERING INSTITUTE ELECTIONS

AT a meeting of the council of Engineering Institute of Canada held January 26th in Montreal, the following elections and transfers were announced:—

Members.—N. C. Mills, Montreal; A. I. Payne, Calgary; W. A. Winfield, Halifax; A. E. Wright, Copper Mountain, B.C.

Associate members.—Lieut. C. H. Biddell, Regina; J. A. Coombs, Toronto; C. McG. Crooks, Bedford, N.S.; W. O. Cudworth, North Bay; W. A. Gilmour, Montreal; Kenneth Gordon, Moncton; Major W. A. Grafftey, Westmount; P. S. Gregory, Montreal; H. W. Harkness, Tsinanfu, China; H. F. Hebert, Toronto; C. E. Herd, Montreal; Maj. H. B. Hicks, Cranbrook, B.C.; Lieut. E. H. Jupp, Orillia; Capt. R. E. MacAfee, Montreal; Capt. C. K. S. Macdonell, Barrie; Capt. L. B. McCurdy, Truro; Maj. W. G. McGhie, St. Catharines; J. S. Mills, New Glasgow; G. C. Perkins, Lachine; E. L. Pettingill, Copper Cliff; W. B. Redfern, Toronto; Arthur Sande, Hamilton; J. J. Traill, Toronto; L. S. Tuck, Kenogami, Que.; Lieut. J. E. A. Warner, Cape Madeleine, Que.; E. S. Winslow, Westmount; S. C. Wolfe, Montreal.

Juniors.—C. F. Camber, Minto, N.B.; Capt. G. V. Douglas, Montreal; Lieut. B. H. Johnston, Toronto; M. F. Ker, Niagara Falls; Ewen MacEwen, Montreal; Capt. D. H. Macfarlane, M.C., Montreal; J. H. McKinney, St. John; Robert Melrose, St. John; Edgar Penney, Montreal; Lieut. W. D. Proctor, Toronto; Capt. G. H. Rochester, Montreal; G. H. Thurber, Chatham, N.B.

Transferred, associate members to members.—J. A. G. Goulet, Peterboro; G. G. Hare, St. John; C. C. Kirby, St. John; Col. F. F. Longley, D.S.M., O.B.E., New York; Lieut.-Col. W. L. Malcolm, Kingston.

Transferred, juniors to associate members.—Capt. T. D. Ruggles, Kenora, Ont.; Harold Sprenger, Winnipeg.

Transferred, student to associate member.—Capt. J. A. Knight, M.C., Toronto.

Transferred, students to juniors.—F. D. Austin, Sault Ste. Marie; Lieut. W. E. Longworthy, M.C., Regina; Capt. D. S. McPhail, Montreal; H. M. Roscoe, Anyox, B.C.; E. L. Schellens, Montreal.

ANNUAL CONFERENCE ON ROAD CONSTRUCTION

THE sixth annual Conference on Road Construction for County Road Superintendents and Engineers will be held at Parliament Buildings, Toronto, March 1st, 2nd and 3rd, 1920. This yearly conference is held under the auspices of the Ontario Department of Public Highways. The program follows:—

Monday, March 1st.—Morning Session—10 a.m., "Drainage," G. R. Marston, County Engineer of Norfolk. Discussion introduced by Chas. Talbot, County Engineer of Middlesex; J. G. Cameron, County Engineer of Stormont, Dundas and Glengarry. "Carrying and Crushing," T. V. Anderson, County Road Superintendent of Lennox and Addington. Discussion introduced by R. H. Fair, County Road Superintendent of Frontenac; J. R. McQuigge, County Engineer of Renfrew.

Afternoon Session—2 p.m., address, Hon. F. S. Biggs, Minister of Public Works and Highways. "Mechanical Handling of Stone and Gravel," A. M. Jackson, County Engineer of Brant. Discussion introduced by J. F. Pineo, County Road Superintendent of Elgin; T. R. Allison, County Road Superintendent of Wentworth.

Tuesday, March 2nd.—Morning Session—9.30 a.m., "Bituminous Penetration Surfaces," A. B. Manson, City Engineer of Stratford. Discussion introduced by Peter Robertson, County Road Superintendent of Lincoln; F. A. Senecal, County Road Superintendent of Prescott and Russell. "Street Paving in Towns and Villages," E. A. James, Engineer to the Toronto and York Roads Commission. Discussion introduced by J. G. Mill, City Engineer of Belleville.

Afternoon Session—2 p.m., "Highway Laws." Open discussion, introduced by W. A. McLean, Deputy Minister of Highways of Ontario.

Wednesday, March 3rd.—Morning Session—9.30 a.m., "Time and Cost Keeping on County Roads," K. W. McKay, County Clerk of Elgin. Discussion introduced by D. W. McBurney, County Road Superintendent of Haldimand; D. J. Kean, County Engineer of Ontario. "Concrete Road Construction," H. E. Davis, Assistant Engineer, Department of Public Highways. Discussion introduced by W. G. McGeorge, County Engineer of Kent; J. F. Millen, Sandwich.

Afternoon Session—2 p.m., "Concrete Bridges and Culverts," Arthur Sedgwick, Assistant Engineer, Ontario Department of Public Highways. Discussion introduced by T. R. Patterson, County Engineer of Huron; J. M. Young, County Road Superintendent of Wellington. "Maintenance of Stone and Gravel Roads," William Watters, County Road Superintendent of Lanark. Discussion introduced by W. W. Brookfield, County Road Superintendent of Welland; H. G. Bleecker, County Road Superintendent of Hastings.

CANADIAN GOOD ROADS CONVENTION

ANNOUNCEMENT has been made that the seventh annual Canadian Good Roads Convention will be held at the Royal Alexandra Hotel, Winnipeg, on June 1st, 2nd and 3rd next. The decision to hold the convention in the west for the first time was made at a meeting of the executive of the Canadian Good Roads Association under the chairmanship of President S. L. Squire. The invitation was sent by the Winnipeg city council, with the hearty support of the Manitoba provincial government, board of trade and motor organizations. Special cars will go from Montreal, Toronto, Port Arthur, Ottawa and other big centres for the convenience of the delegates and their wives.

The Engineers' Club of Toronto has just closed the twentieth and most successful year in its history. The board of directors, at a meeting held last Tuesday evening, decided (as the limit of accommodation in the present quarters has almost been reached) to double the amount of the entrance fee. The following officers were elected for 1920: President, Melville P. White; 1st vice-pres., Tracy D. leMay; 2nd vice-pres., J. B. Carswell; 3rd vice-pres., W. R. McRae.