

or individual membership; and indirect, or collective membership. The latter comprises the membership of existing local builders' associations, contractors' sections of local boards of trade, etc. Such bodies are to pay an annual per capita fee of \$5, minimum payment from any association to be \$50. These bodies to be allowed one representative at each annual or special convention of the association for each \$50 paid in fees.

The dues for individuals are to be \$50 per annum for firms doing less than \$500,000 business annually, with additional tax of \$50 per annum for each additional \$500,000 of annual business. The fiscal year commences October 1st, 1919, and all fees for the current year are to be considered as having been due upon that date. Members can resign at any time if their current dues have been paid.

The affairs of the association are to be managed by a national council, consisting of 45 members to be elected at the next convention of the association, which is to be held at Chateau Laurier, Ottawa, January 27th to 30th, 1920. Fifteen of these (according to the highest votes obtained) are to serve for a term of 3 years, 15 for 2 years, and 15 for 1 year, and thereafter 15 will be elected annually to serve a term of 3 years.

For the purpose of ensuring an equitable representation in the council, 5 councillors are to be elected from each of 9 electoral districts. These districts are as follows: District No. 1 (headquarters district)—Province of Ontario outside of District No. 2; District No. 2—City of Toronto and adjoining territory within a radius of 25 miles; District No. 3—Province of Quebec outside of District No. 4; District No. 4—Montreal and adjoining territory with a radius of 25 miles; District No. 5—Maritime Provinces; District No. 6—Manitoba; District No. 7—Saskatchewan; District No. 8—Alberta; and District No. 9—British Columbia.

In addition to the 45 members mentioned above, the chairman and secretary of each of the three main sections of the association are to be members of the national council. The president, two vice-presidents, honorary secretary and honorary treasurer are to be elected by the national council from among their number. There is to be an executive committee consisting of the officers of the association and the chairman of each of the three main sections. The national council is to direct the affairs of the association between annual conventions and the executive committee is to direct the affairs between the meetings of the national council.

## RECENT PUBLICATIONS

A PUBLIC BUILDING GROUP PLAN FOR ST. LOUIS.—Issued by the City Plan Commission, St. Louis, Mo.; 16 pages and cover, 8 by 11 ins.; illustrated.

PLATINUM SITUATION IN CANADA.—By J. J. O'Neil. Published by the Geological Survey, Ottawa; 15 pages, index, folded map and cover; 6½ by 9¾ ins.

SILURIAN GEOLOGY AND FAUNAS OF ONTARIO PENINSULA AND MANITOULIN AND ADJACENT ISLANDS.—By M. Y. Williams. Published as Memo 111 of the Geological Survey, Ottawa; 188 pages, index, folded map and cover; 6½ by 9¾ ins.; illustrated.

COLE PITOMETER SYSTEM.—Reprint of paper read at the last annual convention of the American Water Works Association by Geo. C. Andrews, water commissioner of Buffalo, N.Y., on "Reduction of Water Consumption by Means of Pitometer Survey and House Inspection."

THE ZONE PLAN.—Cloth bound book, 82 pages and cover, 6¾ by 10¾ ins.; published by City Plan Commission of St. Louis, Mo.; contains a number of illustrations and numerous folded maps printed in several colors. Harland Bartholomew is engineer of the commission.

FAIR AVERAGE PRICES IN COST OF REPRODUCTION AND THE TREND OF PRICES AFTER THE WAR.—By Morris Knowles, consulting engineer, Pittsburgh, Pa., and Windsor, Ont. Reprint of paper prepared for the New Jersey Utilities Association; 15 pages and cover; 6 by 9 ins.; illustrated.

SUMMARY REPORT, 1918, PART D.—Issued by the Geological Survey, Ottawa; 15 pages, index and cover; 6½ by 9¾ ins.; includes reports by E. L. Bruce, F. J. Alcock and W. A. Johnston on various districts in Manitoba, including

report of the superficial deposits and soils of the Winnipegosis area.

SUMMARY REPORT, 1918, PART E.—Issued by the Geological Survey, Ottawa; 32 pages, index and cover; 6½ by 9¾ ins. This booklet contains reports by E. R. Faribault and A. O. Hayes on investigations in Nova Scotia and New Brunswick, and report by A. Anrep on peat investigations in New Brunswick.

SUMMARY REPORT, 1918, PART C.—Issued by the Geological Survey, Ottawa; 48 pages, index and cover; 6½ by 9¾ ins. Contains reports by F. H. McLearn, J. A. Allan, B. Rose, D. R. Dowling and J. Stansfield, on geology of various districts in Alberta, gasoline and natural gas in Alberta, and surface deposits of southern Saskatchewan.

LOAD CONCENTRATIONS ON STEEL FLOOR JOISTS OF WOOD FLOOR HIGHWAY BRIDGES.—By T. R. Agg, highway engineer, and C. S. Nichols, assistant director, of the Engineering Experiment Station of Iowa State College of Agriculture and Mechanic Arts; issued as Bulletin 53 of the Good Roads Section of the Station; 32 pages and cover, 5¾ by 8½ ins.; illustrated.

ROAD MATERIAL SURVEYS IN THE CITY AND DISTRICT OF MONTREAL, QUE.—By Henri Gauthier. Published as Memo 114 of the Geological Survey, Ottawa; 47 pages, index, folded map and cover, 6½ by 9¾ ins. The booklet includes discussion of the conditions affecting road construction, the geology of the district, road materials (bed rock, field stone, sand and gravel) results of laboratory tests, list of and data concerning deposits of bed rock and field stone. It is illustrated by a few views of local quarries.

The next convention of the International Association of Fire Engineers, which is to be in Toronto, will probably be held in June, 1920. It will be the first time in 25 years that this association has held its annual convention in Canada.

A series of lectures on municipal government will be given this winter at McGill University. These will deal with various phases of the subject, including municipal government in Canada, Europe and the United States. The lecturers are Senator L. O. David, Dr. H. L. Brittain, Thomas Adams, C. R. Woodruff, Dr. J. A. Hutchinson, Frederick Wright, Oscar Moran, K.C., C. J. Yorath, C.E., Thos. Bradshaw, W. D. Lighthall, K.C., and Howard S. Ross, K.C.

G. A. Crain, of Ottawa, honorary treasurer of the Association of Canadian Building and Construction Industries, has issued his report covering (1) the Ottawa conference, November 26th to 28th, 1918, and (2) the period from December 1st, 1918, to September 30th, 1919. During the first period there was collected \$1,060.34, and the expenditures amounted to \$1,012.83. During the second period the receipts were \$3,038.71 and the expenditures \$2,777.03. The principal items of expenditure during the second period were the salary and expenses of the former paid secretary, A. S. Clarkson, of Montreal, while the expenditures during the first period were entirely in connection with the general conference at Ottawa.