

turers' Association took the delegates and guests to Niagara Falls, from which point they returned at their convenience and the evening was left open.

The convention officially closed at noon of Thursday, although on Friday, June 13th, there was one session of an informal character.

There were very few changes so far as chairmen of the standing committees are concerned. Lieut.-Col. Geo. A. Johnston again heads the Finance Committee, W. W. Brush takes the place of Mr. Davis as chairman of the Publications Committee, and Frank C. Jordan was appointed chairman of the Membership Committee.

Officers Elected

The new officers elected for the coming year are as follows: President, Carleton E. Davis; vice-president, Capt. M. G. Worrell; treasurer, James M. Caird; trustees (term expiring 1922) W. H. Randall and J. C. Jordan.

Too much praise cannot be given to George C. Andrews, Water Commissioner of Buffalo, chairman of the local entertainment committee, and his associates, for the very excellent manner in which they handled that end of the convention. They were ever at the beck and call of the delegates and their kindly and willing disposition to put themselves at the call of the visitors had not a little to do with the success of the convention. The Buffalo convention will long be remembered by all of the delegates and guests who were privileged to be there. Buffalo has set a standard which other cities will find it difficult to exceed. Every courtesy was shown the visitors and each member of the local committee tried to outdo the others in the warmth of the welcome.

A most important feature of the convention this year was the exhibit hall. Every available inch of space was taken—in fact, some exhibitors felt that their space was insufficient adequately to display their goods. It was a busy place all week, and those who went about it were really inquirers. Probably it was because the war was over and there was a different environment on that account, but whatever it was, there was an atmosphere of genuine interest in the exhibits on the part of the delegates.

There were more individual exhibitors than have characterized any other previous convention. Sixty-eight members of the Water Works Manufacturers' Association were there with their representatives, which is a record, the largest number on any previous occasion having been fifty-two.

List of Exhibitors

The following firms had space: American Manganese Bronze Co., of Holmesburg, Pa.; Arnold Hoffman & Co., Inc., New York City; Birch Hintz Manufacturing Co., Chicago; Bingham & Taylor, Buffalo, N.Y.; Buffalo Meter Co., Buffalo, N.Y.; Builders' Iron Foundry, Providence, R.I.; Carbic Manufacturing Co., Duluth, Min.; Central Foundry Co., New York City; Chicago Bridge & Iron Co., Chicago and Bridgeburg, Ont.; H. W. Clark Co., Matton, Ill.; Darling Pump and Manufacturing Co., Williamsport, Pa.; Du Pont De Nemours & Co., Philadelphia Pa.; Eddy Valve Manufacturing Co., Waterford, N.Y.; Electro Bleaching Gas Co., New York; Flower Valve Manufacturing Co., Detroit, Mich.; Ford Meter Box Co., Wabash, Ind.; Gamon Meter Co., Newark, N.J.; Garlock Packing Co., Elmira, N.Y.; Hayes Manufacturing Co., Erie, Pa.; Hersey Manufacturing Co., South Boston, Mass.; Hauck Manufacturing Co., Brooklyn, N.Y.; Kennedy Valve Manufacturing Co., Elmira, N.Y.; Lock Joint Pipe Co., Ampere, N.J.; Leadite Co., Philadelphia; Lead Lined Iron Pipe Co., Wakefield, Mass.; Worthington Pump and Machinery Co., New York; Mueller Manufacturing Co., Decatur, Ill., and Sarnia, Ont.; Modern Iron Works, Quincy, Ill.; Multiplex Manufacturing Co., Berwick, Pa.; National Meter Co., New York City and Winnipeg, Man.; Neptune Meter Co., New York and Toronto; Sullivan Machinery Co., Chicago and Toronto; New York Continental Jewell Filtration Co., New York and Montreal; Pennsylvania Salt Manufacturing Co., Philadelphia; Pitometer Co., New York; Pittsburg Filter & Engineering Co., Pittsburg, Pa.; Pittsburg Meter Co., East Pittsburg, Pa.; Pittsburg Des Moines Steel Co., Pittsburg and Chatham, Ont.; Rensselaer Valve Co., Troy, N.Y.; Ross Valve Manufacturing Co., Troy,

N.Y.; A. P. Smith Manufacturing Co., East Orange, N.J.; Simplex Valve and Meter Co., Philadelphia, Pa.; Thomson Meter Co., Brooklyn, N.Y.; Union Water Meter Co., Worcester, Mass.; United Brass Manufacturing Co., Cleveland, Ohio; United Lead Co., New York; Wallace & Tiernan Co., New York; Waterworks Equipment Co., New York; R. D. Wood & Co., Philadelphia, Pa.; Flexible Armoured Hose Co., Buffalo, N.Y.; W. & L. E. Gurley, Troy, N.Y.; United States Rubber Co., New York.

The approximate number of active members, associate members and guests who registered at the convention was nine hundred.

ASPHALT ASSOCIATION NOW FORMED

REPRESENTATIVES of the principal asphalt-producing companies of the United States and Canada have completed the organization of "The Asphalt Association." Its purpose will be to disseminate information, with particular reference to highway and street paving, co-operating with city, county and municipal officials and with scientific bodies and colleges seeking to bring about the most effective methods in the use of asphaltic materials.

The officers elected for the ensuing year are as follows: President, J. R. Draney; vice-president, W. W. MacFarland; treasurer, N. G. Luykx.

The secretary, who will be the active officer in charge of the affairs of the association, is J. E. Pennybacker, formerly Chief of Management of the U. S. Bureau of Public Roads, and during the war period, secretary of the U. S. Highway Council.

The New York office will be 15 Maiden Lane. Offices will be established soon at Chicago and Atlanta and ultimately in Canada and other cities in the United States.

The south sewage interceptor, for which the Essex Border Utilities Commission let contract last October to the Shand Engineering Co., has been started, and the contractors recently installed a Parsons trench excavating machine. A layer of water-bearing sand, about 4 or 5 ft. thick, is on top of soft, blue clay. Contractors have previously experienced difficulty in laying sewers in that vicinity through neglect in not using tight sheeting to protect the work. The Shand Engineering Co. expect to follow up the machine closely with sheeting, and they state that they believe that they will be able to make a record in sewer construction in excavation of that type.

Tenders are being received until June 28th, by F. P. Brady, general manager eastern lines of Canadian National Railways, for grading for double track divisions between Ste. Rosalie and Charlotte, Chandler sub-division; also for grading for double tracking at Moncton, N.B., on the St. John sub-division, a distance of about 3½ miles. Grading for one additional main line track for about 9¼ miles on the Amherst sub-division from Springhill to Maccan will be done, and also similar work on the Truro, sub-division, a distance of about 7½ miles between Truro and Belmont. Plans and specifications are on file at the offices of the general manager of eastern lines at Montreal; of the chief engineer at Moncton; resident engineers, Levis or Truro.

Plans for the filtration plant at Ojibway, Ont., have been completed by Morris, Knowles, Ltd., consulting engineers, of Windsor, Ont., and a small amount of construction work has been done in an experimental way, but no contracts have yet been let for work on a large scale. The Essex Border Utilities Commission is considering a combined water supply system for the various municipalities in the district, and it is expected that the matter will be voted upon by the people at an early date. The citizens will be asked whether they are in favor of consolidating the existing works under one management, with one large system eventually for the entire district. It is hoped that by combining the systems greater economy in operation can be attained, together with better supervision of the supply.