

SECOND INTERNATIONAL WATER-POWER CONGRESS.

The second International Water-Power Congress will be held during September 7 to 10 at Lyons, France, under the auspices of the Ministers of Public Roads and Agriculture. After the convention trips will be conducted to important hydro-electric developments in the Alps. There will be three sections, one on legislation, another on finance and a third on technical questions. The first section has seven questions to deal with—(1) summary of water power legislation in Austria, Canada, England, Germany, Italy, Norway, Russia, Spain, Sweden, Switzerland and the United States, (2) water rights on unnavigable streams where no logging is prevailing, (3) laws for water-power plants using water on public domain, (4) laws for water-power plants using water in unnavigable streams, (5) international rules for the utilization of rivers belonging to two countries, (6) export and import of electrical energy, and (7) laws for regulation of rivers and utilization of water powers in government forest districts. The second section will discuss the following topics: (1) Economical results connected with the management of the River Rhone, (2) reservoirs for river regulation, (3) levees and their influence on industries using the energy of water, (4) the influence of the government on the economical development of water power, (5) capitalization of water powers developed by private interests and those developed by governments or municipalities, (6) local profits due to utilization of power, (7) undertakings for regulating river discharges, (8) water power and the metallurgical industries, (9) water power and the electrification of railroads, and (10) water power and agriculture. The section for technical questions will deal with—(1) hydro-electric plants bypassing rivers, their dams and other structures, (2) protection of rivers, (3) measurement of discharges, (4) surge tanks, (5) hydro-electric laboratories, (6) metal pressure conduits, (7) pressure conduits of reinforced concrete, (8) turbine, (9) backwater from dams, and (10) transmission of energy.

AMERICAN HIGHWAY ASSOCIATION CONGRESS.

Governor Slaton, of Georgia, has requested the Governors of all the other states to act favorably upon the invitation of Austin B. Fletcher, president of the Fourth American Road Congress, to name official delegates to the Congress, to be held at Atlanta, Ga., November 9 to 13, 1914. Already forty-seven organizations have signed the official call. The parent organizations are the American Highway Association and the American Automobile Association. Co-operating prominently through the holding of special sessions, the American Bar Association, the American Bankers' Association, and the National Civil Service Reform League will cast the weight of their prestige in behalf of the Congress. Hundreds of county boards will be represented by their chairmen or county engineers to profit by the discussions of the most eminent road builders of America; to study the eminently instructive government exhibit, which includes designs of every known type of road; and to compare critically the machinery, materials and engineering instrument exhibits from hundreds of manufacturers. So closely are city, street and county road problems now related that an exceptionally large number of cities will this year delegate their street superintendents and city engineers, or their mayors, to the Congress.

Logan Waller Page, Director of the United States Office of Public Roads, will preside at one or more sessions of the Congress. Austin B. Fletcher, State Highway Engineer, of California, will open the sessions as President, and will be assisted by the Vice-Presidents, E. M. Bigelow, State High-

way Commissioner of Pennsylvania; A. N. Johnson, formerly State Engineer of Illinois; W. E. Atkinson, State Highway Engineer of Louisiana; and Charles A. Magrath, Chairman, Ontario, Canada Highway Commission.

An elaborate series of social entertainments has been planned by Atlanta, which will include receptions, banquets, and excursions. At least six thousand delegates are expected, or two thousand more than attended the 1913 meeting in Detroit. And co-operation of a most thorough character is assumed by the railroads, as they have already granted a round trip lower than has been granted for years to national meetings.

SIXTEENTH ONTARIO MUNICIPAL ASSOCIATION MEETING.

On September 2nd and 3rd will be held in the City Hall, Toronto, meetings of the Ontario Municipal Association, at which will be discussed the following questions, introduced by the following officials of various municipalities: "A Government Minister and Department of Municipal Affairs," Mr. S. H. Kent, City Clerk, Hamilton; "Municipal Accounts and Audits," Mr. A. K. Bunnell, City Treasurer, Brantford; "Settlement of Administration of Justice Accounts," Mr. N. Vermilyea, Reeve of Thurlow; "The Relation of a University Education to the Performance of Municipal Duties," Prof. James Mavor, Toronto University; "The Cost of Roads," Mr. W. A. McLean, Chief Engineer, Government Highways Department; "County Municipal Associations," Mr. K. W. McKay, County Clerk, Elgin; "Purification and Protection of Water Supplies," Dr. J. W. McCullough, Secretary of Provincial Board of Health; "Railway Taxation for Municipal Purposes," Mr. W. Johnson, City Solicitor, Toronto.

An address of welcome will be delivered by Mayor H. C. Hocken, of Toronto, and an address upon the present position of municipal affairs will be delivered by the President, Mr. J. G. Richter, of London.

Copies of the programme of this, the sixteenth annual meeting of the association may be had from F. S. Spence, City Hall, Toronto.

COMING MEETINGS.

NATIONAL PAVING BRICK MANUFACTURERS' ASSOCIATION.—Secretary, Will P. Blair, 832 B. of L.E. Building, Cleveland, Ohio. Eleventh annual convention and paving conference, Buffalo, N.Y., September 9th, 10th, 11th, 1914.

ROYAL ARCHITECTURAL INSTITUTE OF CANADA.—Seventh Annual Meeting to be held at Quebec, September 21st and 22nd, 1914. Hon. Secretary, Alcide Chausse, 5 Beaver Hall Square, Montreal.

CONVENTION OF THE AMERICAN SOCIETY OF MUNICIPAL IMPROVEMENTS.—To be held in Boston, Mass., on October 6th, 7th, 8th and 9th, 1914. C. C. Brown, Indianapolis, Ind., Secretary.

AMERICAN HIGHWAYS ASSOCIATION.—Fourth American Road Congress to be held in Atlanta, Ga., November 9th to 13th, 1914. I. S. Pennybacker, Executive Secretary, and Chas. P. Light, Business Manager, Colorado Building, Washington, D.C.

AMERICAN ROAD BUILDERS' ASSOCIATION.—11th Annual Convention; 5th American Good Roads Congress, and 6th Annual Exhibition of Machinery and Materials. International Amphitheatre, Chicago, Ill., December 14th to 18th, 1914. Secretary, E. L. Powers, 150 Nassau St., New York, N.Y.