

## PERSONAL.

W. S. DINGMAN has been appointed water commissioner of Stratford, Ont., to succeed J. D. Barnett, resigned.

J. L. McKEE has been appointed superintendent of the St. Thomas (Ontario) division of the Michigan Central Railway.

G. C. BATEMAN, Toronto, has been appointed consulting mining engineer to the Long Lake Gold Mines, near Sudbury, Ont.

W. A. McLEAN, Engineer of Highways for Ontario, will be a speaker at the coming convention of the Union of Manitoba Municipalities, to be held at St. Boniface, November 24th, 25th and 26th.

FRANK E. LATHE, B.A., B.Sc., has been appointed lecturer in metallurgy at the University of Toronto. Mr. Lathe, who is a graduate of McGill University, Montreal, resigned a position on the technical staff of the Granby Smelter (B.C.) to accept the appointment.

J. H. BILLINGS, B.A.Sc., a graduate in mechanical engineering of the University of Toronto, was, at the outbreak of the war, on his way to Germany to take a course of study at the University of Berlin. He is now at the Massachusetts Institute of Technology taking a course for a master's degree in mechanical engineering.

A. G. CHRISTIE, B.A. Sc., has resigned his position as assistant professor of steam engineering in the University of Wisconsin to accept a similar professorship in the engineering department of Johns Hopkins University. Prof. Christie is a graduate in engineering of the University of Toronto, and is the author of a valuable series of articles on the design of central heating systems, appearing in *The Canadian Engineer* in July, 1913.

T. C. KEEFER, C.E., C.M.G., LL.D., twice president of the Canadian Society of Civil Engineers, an honorary member of the Canadian Society and the American Society of Civil Engineers and of the Institution of Civil Engineers of Great Britain, celebrated his ninety-fourth birthday on November 4th. Mr. Keefer was born in Thorold, Ontario, educated at Upper Canada College, and has had a notable and distinguished engineering career.

J. VIPOND DAVIES, Vice-President of Jacobs and Davies, Inc., Consulting Engineers of Montreal and New York, was awarded on November 3rd, by the Institution of Civil Engineers, London, England, the Telford gold medal of that Institution for his paper on the "Extensions of the Hudson River Tunnels of the Hudson and Manhattan Railroad." The Telford medal dates back to the year 1835, funds for it having been bequeathed to the Institution by the celebrated engineer, Thomas Telford, its first president (1820-1935).

## AMERICAN CONCRETE INSTITUTE.

The 11th annual convention of the Institute will be held in Chicago, Ill., February 9th to 12th, 1915. This convention will mark the completion of the tenth year of the existence of the Institute, and an especially interesting and profitable program is being arranged. The sessions will be at 10 a.m., 3 p.m. and 8 p.m. The following is a summary of the program:—

**Concrete Roads, Sidewalks and Bridges.**—Important papers and discussions relating to the status of concrete road construction will be presented, and special attention given to costs, repairs and maintenance. (Tuesday, Feb. 9th.)

**Concrete and Reinforced Concrete Tests and Design.**—Discussion of the very important column tests made by the Institute at Pittsburgh, tests of buildings, and other matters of current special interest. (Wednesday, Feb. 10th.)

**Concrete in Art and Architecture.**—Discussion of architectural design in concrete, dimension and art concrete stone, treatment of surfaces, etc. (Thursday, Feb. 11th.)

**Plant Management and Costs.**—This day will be devoted to concreting plants, covering plant management and costs, the design and cost of wood and metal forms, and the methods of placing, proportioning and selection of concrete materials. (Friday, Feb. 12th.)

## CHANGE IN A PROMINENT CONSULTING ENGINEERING FIRM.

Dr. J. A. L. Waddell and Mr. John Lyle Harrington announce the dissolution of the firm of Waddell and Harrington. The firm's business will be conducted as usual till the conclusion of its affairs in July, 1915, except that it is accepting no new commissions. Dr. Waddell will give his attention to special engineering and financial matters and to important advisory work. Mr. Harrington will be joined by the firm's Associate Engineers, Mr. E. E. Howard and Mr. Louis R. Ash, in the establishment of the firm of Harrington, Howard and Ash, Kansas City, Mo.

## INTERNATIONAL IRRIGATION CONGRESS.

The new officers of the International Irrigation Congress are: J. B. Case, Abilene, Kan., president; Arthur Hooker, Spokane, Wash., secretary; J. S. Dennis, of Calgary, first vice-president; Richard Burges, of El Paso, Tex., second vice-president; J. F. Hinkle, of Permiston, Cal., third vice-president; Kert Grunwald, of Denver, fourth vice-president; and George A. Smith, of Salt Lake City, fifth vice-president.

## COMING MEETINGS.

**WASHINGTON STATE GOOD ROADS ASSOCIATION.**—Convention to be held at Spokane, Wash., November 18th, 19th, and 20th. Secretary, M. D. Lechey, Alaska Building, Seattle, Wash.

**ANNUAL MEETING, AMERICAN SOCIETY OF MECHANICAL ENGINEERS.**—The annual meeting of the American Society of Mechanical Engineers will be held in New York, December 1st to 4th, 1914. Secretary, Calvin W. Rice, 29 West 39th Street, New York.

**AMERICAN ROAD BUILDERS ASSOCIATION.**—Eleventh Annual Convention; fifth 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 Street, New York, N.Y.

**CANADIAN NATIONAL CLAY PRODUCTS ASSOCIATION.**—Annual Convention to be held at the King Edward Hotel in Toronto, January 26, 27, and 28, 1915. Secretary, G. C. Keith, 32 Colborne Street, Toronto.

**EIGHTH CHICAGO CEMENT SHOW.**—To be held in the Coliseum, Chicago, Ill., from February 10th to 17th, 1915. Cement Products Exhibition Co., J. P. Beck, General Manager, 208 La Salle Street, Chicago.

**AMERICAN WATERWORKS ASSOCIATION.**—The 35th annual convention, to be held in Cincinnati, Ohio, May 10th to 14th, 1915. Secretary, J. M. Diven, 47 State Street, Troy, N.Y.

**SOCIETY FOR THE PROMOTION OF ENGINEERING EDUCATION.**—Annual meeting to be held at the Iowa State College, Ames, Iowa, June 22nd to 25th, 1915. Secretary, F. L. Bishop, University of Pittsburgh, Pittsburgh, Pa.