

QUEEN'S UNIVERSITY ENGINEERING SOCIETY.

At its meeting on February 27th, the members of the Engineering Society of Queen's University were addressed by E. L. Cousins, B.A.Sc., Chief Engineer, Toronto Harbor Commission, who spoke upon the proposed improvements to the Toronto water front. In the course of the description of the supposed development of the Toronto harbor improvement (which was outlined in part in *The Canadian Engineer* for November 21st, 1912), Mr. Cousins announced some interesting points that have lately developed in connection with the scheme.

AMERICAN CONCRETE INSTITUTE.

The 10th annual convention of the American Concrete Institute, the new name adopted last July by the National Association of Cement Users, was held in Chicago, February 16th to 20th. Between 150 and 200 members and guests were in attendance. The annual Chicago Cement Show, which was held February 12th to 21st, in conjunction with the Convention and also with the Conference on Concrete Road Building made Chicago a rendezvous for road builders and manufacturers of cement and road building machinery to such an extent that the broadening use of concrete was strongly reflected in many ways.

A review of the technical committee reports and papers presented at the annual convention will be published in an early issue of this journal.

ILLINOIS WATER SUPPLY ASSOCIATION.

The sixth annual meeting of the Illinois Water Supply Association was held at the University of Illinois, March 9th to 11th. The subjects covered by addresses and reports were broad and included practically every phase of the problem of obtaining and conserving an abundant supply of pure water for the towns and cities of the State.

Among the papers which were read might be mentioned the following:—Removal of Anchor Ice by Means of Air; Remodeled Underdrain System for a Mechanical Filter Plant; Water Treatment for Railroads; Underground Movement of Contamination; Locating Leaks in Water Mains by Means of Water Hammer; the Use of the Nitrite Test in Determining the Source of Pollution of a Water Supply; the Addition of Inorganic Salts to Culture Media Employed in Water Analysis; Public Control of Water Supplies in Illinois; Rates and their Relations to Meters; Surface Water Supplies of Illinois; Value of Mathematics in Economic Design of Some Water Works Detail; Relations of Out-of-Pocket Cost to Rate-Making; Necessity for State Supervision of Water Purification Plants; and others.

COMING MEETINGS.

AMERICAN WATERWORKS ASSOCIATION.—Thirty-fourth Annual Meeting to be held in Philadelphia, Pa., May 11-15, 1914. Secretary, J. M. Deven, 47 Slate Street, Troy, N.Y.

CANADIAN AND INTERNATIONAL GOOD ROADS CONGRESS.—To be held in Montreal, May 18th to 23rd, 1914. Mr. G. A. McNamee, 909 New Birks Building, Montreal, General Secretary.

AMERICAN SOCIETY FOR TESTING MATERIALS.—Seventeenth Annual Meeting to be held in Atlantic City,

N.J., June 30 to July 4, 1914. Edgar Marburg, Secretary-Treasurer, University of Pennsylvania, Philadelphia, Pa.

AMERICAN PEAT SOCIETY.—Eighth Annual Meeting will be held in Duluth, Minn., on August 20, 21 and 22nd, 1914. Secretary-Treasurer, Julius Bordollo, 17 Battery Place, New York, N.Y.

PERSONALS.

H. DOUGHTY, superintendent of the Regina Municipal Street Railway, has submitted his resignation to the City Council, to take effect April 30th.

It was announced in these columns recently that GEO. D. MACKIE had been appointed city engineer of Moose Jaw. His correct official title is Engineer Commissioner.

PROF. J. ANSEL BROOKS, of Brown University, on March 2nd, delivered an illustrated lecture on "The Principles of Efficiency Engineering Applied to Highway Engineering," before the Graduate Students in Highway Engineering at Columbia University.

MAJOR W. W. CROSBY, M.Am.Soc.C.E., Chief Engineer, Maryland Geological and Economic Survey and Consulting Engineer, Baltimore, Md., on February 28th delivered an illustrated lecture on "The Value of Cost Data in Highway Engineering," before the Graduate Students in Highway Engineering at Columbia University.

FILIBERT ROTH, Dean of Forestry at the University of Michigan, addressed a meeting of the University of Toronto Foresters' Club, on March 5th. Prof. Roth was born in Germany, but came to America over 40 years ago. Since then he has seen almost every phase of life on the ranch and in woods, city and university. His forest school is now the largest in America.

ROBERT W. ANGUS, Professor of Mechanical Engineering, University of Toronto, delivered a lecture on the proposed Victoria Park water supply scheme for the City of Toronto, to a meeting of the Engineering Society of the University, on Monday, March 9th. The scheme, in connection with which Prof. Angus was consulting engineer to the Department of Works, was outlined in *The Canadian Engineer* for January 22nd. (Page 227-232.)

W. W. PEARSE, a prominent structural engineer of New York City, recently addressed the Ontario Association of Architects on "Structural Problems in New York Fireproof Buildings." Economical design of steel for floors, different types of fireproof floors were discussed and wind bracing and foundations analyzed. There was a special discussion on reinforced concrete and some very useful formulæ were given for the architects' use, as Mr. Pearse pointed out, Toronto and New York codes are similar in many respects.

OBITUARY.

E. R. DOE, head of a prominent Victoria contracting firm, died recently at the age of 47. Mr. Doe, formerly a native of Norway, with his brother, had undertaken and successfully completed a number of important engineering contracts in British Columbia during the past ten years. At the time of his death, he was engaged in constructing a steel bridge over Arbutus Canyon, B.C.

The Imperial Wire and Cable Co., Limited, and the Northern Electric and Manufacturing Co., Limited, have been consolidated into one company, which will be known in future as the Northern Electric Co., Limited. The new company will continue to operate without change in management.