

The library committee of the Branch has announced the addition since the last annual meeting of a considerable number of valuable series of transactions, proceedings, journals and reports as well as some 80 engineering treatises and text books. These new books comprise the most recent works on bridge engineering, cement and concrete, ceramics, chemical engineering, electrical engineering, foundations, heating and ventilating, highway engineering, hydraulics, mechanical engineering, metallurgy, railway engineering, sanitary engineering, steam engineering, structural engineering and water supplies. The usefulness of the periodic literature in the library has also been considerably increased. The committee consists of Messrs. W. A. Hare, A. L. Mudge and Prof. C. R. Young, chairman.

HIGHWAY STUDY AT COLUMBIA.

The non-resident lecturers in the graduate course in Highway Engineering at Columbia University appointed for the 1914-1915 session are as follows: John A. Benschel, New York State Engineer; Edward D. Boyer, Cement and Concrete Expert, the Atlas Portland Cement Company; Sumner R. Church, Manager, Research Department, Barrett Manufacturing Company; William H. Connell, Chief, Bureau of Highways and Street Cleaning, Philadelphia; W. W. Crosby, Chief Engineer, Maryland Geological and Economic Survey, and Consulting Engineer; Charles Henry Davis, President, National Highways Association; Arthur W. Dean, Chief Engineer, Massachusetts Highway Commission; John H. Delaney, Commissioner, New York State Department of Efficiency and Economy; A. W. Dow, Chemical and Consulting Paving Engineer; H. W. Durham, Chief Engineer of Highways, Borough of Manhattan, New York; C. N. Forrest, Chief Chemist, Barber Asphalt Paving Company; Walter H. Fulweiler, Chief Chemist, United Gas Improvement Company; D. L. Hough, President, the United Engineering and Contracting Company; William A. Howell, Engineer of Streets and Highways, Newark; Arthur N. Johnson, Highway Engineer, Bureau of Municipal Research, New York; Nelson P. Lewis, Chief Engineer, Board of Estimate and Apportionment, New York; Philip P. Sharples, Chief Chemist, Barrett Manufacturing Company; Francis P. Smith, Chemical and Consulting Paving Engineer; Albert Sommer, Consulting Chemist; George W. Tillson, Consulting Engineer to the President of the Borough of Brooklyn, New York; and George Warren, President, Warren Brothers Company.

G.T.R. MASTER MECHANICS.

The following Grand Trunk staff changes have been announced: J. Markey is appointed master mechanic of Ontario lines with headquarters at Toronto, and J. R. Donnelley is named as assistant master mechanic of Ontario lines with headquarters at Allandale, the title of master mechanic of the northern division being abolished. T. McHattie is appointed master mechanic of eastern lines with headquarters at Montreal, and the title of master mechanic of the Ottawa division is abolished. W. H. Sample is appointed master mechanic of western lines with headquarters in Battle Creek, Mich.

CANADIAN ENGINEERS AT THE FRONT.

In addition to the list of graduates and undergraduates of the University of Toronto who are now in England with the first Canadian expeditionary force there should be added

the names of Messrs. P. J. McCuaig, '09; H. N. Klotz, '09, and W. J. Baird, '10.

We announced Mr. H. F. H. Hertzberg, chief engineer of the Canadian Bridge Co., Walkerville, as a member of the contingent. As many of our readers are aware, this should have read, "Mr. H. F. H. Hertzberg, engineer of the Trussed Concrete Steel Co. of Canada, Walkerville, Ont."

THE CANADIAN SOCIETY OF CIVIL ENGINEERS.

On Thursday, Oct. 22nd, a largely attended meeting of the Canadian Society of Civil Engineers was held in the Society's headquarters, 176 Mansfield Street, Montreal, Walter J. Francis, C.E., presiding. A paper, illustrated by slides, and entitled "The System of Unit Construction in the Concrete Power House at Cedars, P.Q.," was read by Mr. J. E. Conzelman, chief engineer of the Unit Construction Co., Montreal. The speaker dealt in detail with the use of reinforced concrete in the construction of large industrial and similar buildings. The application of the "unit construction" to the power house of the Cedars Rapids Manufacturing and Power Co., as described by Mr. Conzelman, aroused a good deal of discussion and was of great interest.

Another paper, entitled "Mushroom Construction," by Mr. C. A. P. Turner, had to be postponed until a later meeting as the discussion following the first paper occupied the greater part of the meeting.

CHANGE OF ADDRESS.

The Ottawa Branch of the Canadian Society of Civil Engineers has changed the address of its headquarters from 177 Sparks Street to 128 Queen Street, Ottawa.

COMING MEETINGS.

NORTHWESTERN ROAD CONGRESS.—Annual Convention, to be held at Milwaukee, Wis., October 28th to 31st. Secretary, J. P. Keenan, Milwaukee.

AMERICAN SOCIETY OF MUNICIPAL IMPROVEMENTS.—Charles Carroll Brown, Secretary, Indianapolis, Ind. Meets at Somerset Hotel, Boston, Mass., October 21st, 22nd and 23rd.

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.

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 30th 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.

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.