

the Quebec bridge, which was started eight years ago, will be completed by next December. It is expected that by October next the great suspended span, which is 640 feet long, and weighs 6,000 tons, will be floated to its place. When finished, the bridge will have cost about \$17,000,000.

Hespeler, Ont.—Work was completed last week on the installation of the waterworks system, the contract for which was awarded last June to John Hartnett, of Toronto. The reservoir has a capacity of 200,000 gallons, and is fed from two artesian wells. The standpipe, supplied by the Pittsburgh and Des Moines Steel Co., Pittsburgh, Pa., has a capacity of 100,000 gallons, and gives a working capacity of from 20 to 100 pounds pressure.

Winnipeg, Man.—Mr. J. D. McArthur, of Winnipeg, who is building the Hudson Bay Railway from Le Pas to Port Nelson for the Dominion Government, states that the line is now graded within forty miles of Port Nelson, and that steel is laid to Manitou Rapids, 190 miles from the terminus. Work has started on the erection of the steel bridge and will be completed in the spring. It is expected that the road will be finished to the Bay by next fall.

Toronto, Ont.—The recommendation of Parks Commissioner Chambers that the Humber Valley boulevard be constructed on the high land east of the river, rather than in the river valley, has been adopted by the parks committee. The agreement between Home Smith and the city in connection with the Humber Valley improvement scheme provides that the city spend \$25,000 a year for six years. To date the city is about \$14,000 behind in the amount that it should have expended, and Mr. Smith has urged that some definite action be taken towards completing the proposed roadway.

Point Grey, B.C.—According to a report issued by Municipal Engineer Greig for the year ended December 15th, 1915, much important work has been accomplished, including the grading and paving of the University Avenue division, the paving of Yew Street from Forty-ninth Avenue, and the completion of the portions of Oak Street, which were commenced in 1913. The report shows the total mileage of permanent street pavement in the municipality as 17.11 miles; total miles of streets rocked, 50.32; roads graded, regraded and contoured, 69.72, 4.22 miles of which were done last year; roads cleared, 55.66; lanes cleared, 43.88; cement concrete sidewalks, 29; sewers constructed, 53.50 miles; sewer connections made, 14,493; storm water drains laid, 10.74; and water mains laid, 106.116. During the year, 1.69 miles of sidewalks were laid; 96 miles of permanent street pavements laid; .57 miles of streets rocked; .66 of roads cleared, and 1.7 miles of water mains laid.

PERSONAL.

HARRY McAVOY has been elected a member of the Hydro-Electric Commission of St. Catharines, Ont.

P. A. McDONALD, of Winnipeg, has been appointed Public Utilities Commissioner for Manitoba, succeeding H. A. Robson, who has resigned.

RUFUS H. MARTIN, of New Glasgow, N.S., has been appointed assistant district superintendent of the eastern division of the Intercolonial Railway.

ROBERT GEORGE KYD, town engineer of Dunnville, Ont., has been elected an associate member of the Institution of Civil Engineers of Great Britain.

FRANK E. WATKINS, formerly associated with the Canadian Fairbanks-Morse Co., Limited, Toronto, has been appointed works manager of the East Jersey Pipe Corporation, Paterson, N.J.

FRANK P. JONES, general manager of the Canada Cement Co., and who formerly occupied a similar position with the Dominion Steel Corporation, has again joined the steel company in the capacity of a director.

GEORGE S. MICHEL, formerly assistant director of Public Works of the Province of Quebec, has been appointed engineer and director of public works by the Quebec Government, to succeed E. Charest, who has retired.

G. W. CAYE, assistant to Morley Donaldson, vice-president and general manager of the Grand Trunk Pacific, has been appointed purchasing agent of the Grand Trunk System, with headquarters at Montreal, succeeding J. G. Guess, who has resigned.

Lieut. RALPH HARRIS, formerly of the Toronto Roadways Department, and a graduate of the School of Practical Science, Toronto, has been wounded and is now in a Boulogne hospital. Lieut. Harris enlisted in the Corps of Guides, and later joined the Canadian Artillery. In England he was transferred to the Royal Engineers.

COMING MEETINGS.

AMERICAN FORESTRY ASSOCIATION.—Annual meeting to be held at Boston, Mass., January 17th and 18th, 1916. Secretary, P. S. Ridsdale, Washington, D.C.

CANADIAN NATIONAL CLAY PRODUCTS ASSOCIATION.—Fourteenth annual convention to be held at Toronto January 18th to 20th, 1916. Secretary, G. C. Keith, 32 Colborne Street, Toronto.

AMERICAN WOOD PRESERVERS' ASSOCIATION.—The Twelfth Annual Convention to be held in Chicago, January 18, 19 and 20, 1916. Chas. C. Schnatterbeck, chairman, Committee on Publicity and Promotion, American Wood Preservers' Association, Baltimore, Maryland.

CANADIAN SOCIETY OF CIVIL ENGINEERS.—The Thirtieth Annual Meeting to be held in Montreal, January 25, 26 and 27, 1916. Secretary, Prof. C. H. McLeod, 176 Mansfield Street, Montreal.

AMERICAN ELECTRIC RAILWAY ASSOCIATION.—To be held in Chicago, Ill., February 4th, 1916. Joint dinner that evening with American Electric Railway Manufacturers' Association.

NATIONAL CONFERENCE ON CONCRETE ROAD BUILDING.—Second National conference to be held at Chicago, Ill., February 15th to 18th, 1916. Secretary of Advisory Committee, J. P. Beck, 208 South La Salle Street, Chicago, Ill.

AMERICAN CONCRETE PIPE ASSOCIATION.—Annual Convention to be held in Chicago, February 17 and 18, 1916. Secretary, E. S. Hanson, 538 S. Clark Street, Chicago, Ill.

CANADIAN LUMBERMEN'S ASSOCIATION.—At Ottawa, February 18th, 19th and 20th, 1916, annual convention. Frank Hawkins, secretary, Ottawa.

CANADIAN AND INTERNATIONAL GOOD ROADS CONGRESS.—At Sohmer Park, Montreal, March 6th to 10th, 1916. Geo. A. McNamee, secretary, New Birks Building, Montreal.