

LADYSMITH.—Work has commenced on the new power house and the council are considering the question of using meters.

VANCOUVER.—The Burrard Power Company has received from the Dominion Government a grant of 25,000 miners' inches of water on Lillooet river. Under the terms of the grant the harnessing of the waters of the Lillooet will be commenced at no distant date, and as the power plant will be only 23 miles from Vancouver, it is declared that it will not be long before some sections of industrial Vancouver will be drawing power from this source.

CEMENT—CONCRETE.

British Columbia.

NELSON.—A number of cement sidewalks will be constructed by this city.

VANCOUVER.—Concrete piers, which are to be sunk by the pneumatic process, and concrete pedestals, will be used in a bridge 3,375 feet long, to be erected over False Creek, Vancouver, by Waddell & Harrington, consulting engineers, Kansas City, Mo., for the city council, who will receive tenders for the work of erection until October 25th. Mr. W. A. Clement is city engineer, and further particulars appear in our advertising columns.

TELEPHONY.

Quebec.

MONTREAL.—Extensions to the lines of the Bell Telephone Company have been approved of as follows:—Exchange-Aerial.—Tilbury, Ont.; Levis, Que. Rural lines.—St. Thomas, Port Stanley, Wellandport, Winslow, Ormstown, English River. Underground.—Sault Ste. Marie, conduit and cable; Montreal (St. Louis), conduit; Montreal, (Westmount), conduit. Long distance lines.—Sherbrooke, Black Lake, Ridgeville, Marshville.

CURRENT NEWS.

New Brunswick.

FREDERICTON.—Dr. H. Ries, of Cornell University, and Mr. J. Keele, of the Dominion Government Survey, have been in New Brunswick for some time inspecting the clays and shales. The object of this inspection is for the purpose of finding out if crockery, fire-brick, sewer pipe, etc., can be manufactured there. Large samples of the clays and shales from different localities will be sent to Ithaca, N.Y., to be tested during the coming winter, and a report will be made as to their suitability for the above purposes. Owing to the opening up of large iron mines and other industries in the Maritime Provinces it is most important that a good quality of fire-brick be manufactured here. Large quantities of shale have to be mined along with the coal of Grand Lake, and up to the present the mine owners have not utilized this enormous by-product. If, as Mr. J. J. Winslow, the Fredericton, N. B., Board of Trade Secretary, tells us, Dr. Ries reports favorably upon these shales, a large industry for New Brunswick will be the result.

Ontario.

TORONTO.—Canadian Contracts, Limited, is the name of a new engineering and contracting organization to which a charter has been granted. The headquarters of the company will be in Toronto and the capital is \$100,000. The officers are: President, W. A. Lamport; vice-president, William de Leigh-Wilson; managing director and secretary-treasurer, C. H. Mortimer. The new company is well equipped for the carrying out of contracts for engineering works of all kinds, including the construction of power transmission and telephone lines.

British Columbia.

VICTORIA.—The Jordan-Wells Railway Supply Company, Limited, has been incorporated with capital of \$150,000

to carry on the business of manufacturing supplies for railway and tramcars, rolling stock, bridge work in metal, steamship appliances, machinery, etc.

FINANCING PUBLIC WORKS.

Nova Scotia.

SYDNEY.—A firm operating a shipbuilding plant here intend to ask the city for a bonus of \$400,000.

Quebec.

MONTREAL.—The city of Montreal is authorized by the legislature, to borrow \$24,100,000, for the construction of a high pressure system, underground conduits, elevating the G. T. R. tracks and for the purchase of the Montreal Water & Power Company.

Manitoba.

BIRTLE.—Telephone debentures amounting to \$5,000, are offered for sale by Mr. J. C. Dudley, town clerk here.

PORTAGE LA PRAIRIE.—The ratepayers will shortly vote on a by-law to raise \$17,500 for waterworks.

ST. BONIFACE.—This municipality has sold debentures amounting to \$100,000 to Messrs W. A. Mackenzie and Co., of Toronto.

Saskatchewan.

SASKATOON.—Local improvement by-laws which call for the expenditure of \$130,000 have been sanctioned by the ratepayers of Saskatoon. The most important was a by-law to provide \$70,000 for the construction of a subway under the C. N. R. tracks.

Alberta.

NANTON.—The ratepayers vote to-day on a by-law to raise \$16,000 for an electric light plant.

British Columbia.

NELSON.—The city council have passed the street railway by-law and it will be submitted to the ratepayers on October 7th for ratification.

NEW WESTMINSTER.—Until October 15th, Mr. H. P. Latham, city treasurer of New Westminster, will receive tenders for debentures which include \$234,000 for waterworks, \$104,000 for street improvements and \$20,000 for an incinerator.

VANCOUVER.—On Saturday, October 23rd, the ratepayers of Vancouver, will vote on by-laws to borrow \$675,000 for bridge across False Creek, and \$400,000 for waterworks requirements.

MISCELLANEOUS.

Quebec.

MONTREAL.—Plans for the Montreal harbor improvements, which are to be carried out by the Harbor Commissioners, when a loan is negotiated from the Government, are nearly ready. The board of engineers is considering the two sets of plans submitted by Mr. F. W. Cowie, Montreal, harbor engineer, and by Mr. Davidson, the English engineer, and have practically finished their deliberations after many months' work. The details will be submitted shortly to the Harbor Commission. If they are then approved they will be laid before the House of Commons with the request for a loan to carry out the scheme.

Ontario.

TORONTO.—A branch factory of the Steel Shoe Company, of Racine, Wis., will be established here shortly.

PERSONAL.

MR. NATHANIEL BEAM has been appointed waterworks engineer by the town of Waterloo.

DR. EUGENE HAANEL, Director of Mines, Ottawa, has been chosen president of the American Peat Society, now in session at the Massachusetts Institute of Technology, Boston. This honor is in recognition of his systematic investigation of peat bog in Canada.

MR. F. H. BANBURY, engineer of the Acheson Oildag Company, of Niagara Falls, sailed for Europe on the steamer