

**VANCOUVER.**—The British Columbia Electric Railway have started laying the rails on the Hastings Street extension. The rails are already down as far east as Park Drive, and the work is being rushed.

**VANCOUVER.**—Considerable work is being done by the Canadian Pacific in the Boundary country improving their track and replacing a number of wooden bridges with concrete and steel structures. Two of these a few miles from Nelson, B.C., are now being completed, and will each be five hundred feet long with five spans, the centre span being 130 feet wide. During the past three years fifty-four old wooden bridges have been replaced either by steel structures or by filling in ravines. Last year over 4,000 feet of wooden bridges were thus superseded, and it is expected that as much work will be done this season.

#### Foreign.

**BOSTON (MASS.).**—The Boston and Maine Railway has ordered 21,000 tons of rails.

**MINNEAPOLIS (MINN.).**—M. D. Rhame, division engineer of the St. Paul road, has prepared plans for the elevation of the tracks of the company in Minneapolis. They provide for the elimination of the grade crossing and would involve an expenditure of approximately \$6,000,000. This cost it is estimated, would be \$2,000,000 less than to depress the tracks. It would require two years to do the work.

### CEMENT—CONCRETE.

#### Ontario.

**ERIEAU.**—Concrete will be used in the erection of a school here. J. L. Wilson & Son, of Chatham, are architects.

**GUELPH.**—Mr. C. H. Conery, of Guelph, has secured contracts for four new cement bridges. One is at Georgetown, another is in Nelson Township, while a third will be erected in Esquessing.

**LONDON.**—The city clerk gives notice of the city's intention to construct many local improvement works, including numerous cement sidewalks, curb and gutters.

#### Saskatchewan.

**MOOSE JAW.**—Elsewhere in this issue appears an invitation from J. Darlington Whitmore, City Engineer of Moose Jaw, for tenders on the construction of a reinforced concrete bridge and abutments.

**MOOSE JAW.**—The city engineer, Mr. J. Darlington Whitmore, desires tenders for the construction of concrete walks and creosote block crossings. Further particulars are given in our advertising pages.

**NORTH BATTLEFORD.**—This municipality will spend ten thousand dollars on concrete sidewalks.

**WEYBURN.**—Mr. Willis Chipman, C.E., of Toronto, has charge of the construction of a water power here, the foundation of which will require 500 barrels of cement. Tenders closed yesterday.

**YORKTON.**—Snyder Bros., of Portage la Prairie, have a contract for the erection of a building for the "Enterprise," in which concrete will be used.

### FINANCING PUBLIC WORKS.

#### Quebec.

**MONTREAL.**—Longueuil Council is considering by-laws for the construction of concrete sidewalks and for building a street railway.

#### Ontario.

**BROCKVILLE.**—On August 5th the ratepayers will vote upon a by-law to raise \$16,000 for rebuilding six bridges.

**NEW HAMBURG.**—The by-law voted upon in Wellesley township to take \$15,000 stock in the People's Electric Railway was carried by 172 majority.

**NORTH TORONTO.**—The ratepayers have passed by-laws for a sewerage system and parallel roads. Mr. T. Aird Murray, of Toronto, prepared the plans for the sewerage system.

#### Saskatchewan.

**SASKATOON.**—The ratepayers will shortly vote on a by-law to raise \$20,000 to assist the Northwestern Telephone Co., Limited.

**SASKATOON.**—The following by-laws have been given readings: Concrete bridge, \$10,000; concrete walks, \$19,000; electric light plant extensions, \$35,000.

#### British Columbia.

**KAMLOOPS.**—The ratepayers here recently carried a by-law to raise \$20,000 for waterworks.

### SEWERAGE AND WATERWORKS.

#### New Brunswick.

**MONCTON.**—The new city pumping station and foundation for the pumps are completed and ready for the electric turbo pump to be installed. Operations have been commenced for the extension of the power house to accommodate the new boiler, engine and generator.

#### Ontario.

**COBALT.**—Messrs. Galt & Smith, of Toronto, have prepared plans for a sewerage system for this town.

**LONDON.**—For \$48,000, J. H. McGregor, has offered to furnish two million gallons of water to city, with air lift and pumping plant of four million capacity.

**PETERBOROUGH.**—Work on the new waterworks dam, which is being constructed by the Bishop Construction Company, is progressing favorably.

**TORONTO.**—A special meeting of the Provincial Board of Health was held at the Parliament Buildings on Wednesday to consider the plans for a sewage disposal and waterworks system for the towns of Cobalt and Rainy River.

#### Saskatchewan.

**WEYBURN.**—Waterworks are being installed here by Murphy Bros.

#### British Columbia.

**KAMLOOPS.**—Mr. H. K. Dutcher, consulting engineer, of Vancouver, recently made a report on the possibilities of extending the water system in this city. The council decided to purchase a condenser at a cost of \$1,400.

**NEW WESTMINSTER.**—At a recent meeting of the City Council Messrs. Hermon & Burwell, consulting engineers, Vancouver, submitted a report and estimate for the 24-inch supply main from Coquitlam Lake to Queen's Park reservoir, and a 12-inch supply main from the reservoir to the city boundary on Lulu Island. Clearing, grubbing, culverts and trestles, excavating trench and back filling 74,000 feet, pipe laying and steel pipe delivered along trench, gate valves, air valves and special bends, the engineers estimated to cost \$325,000. This includes the delivery of the water to Queen's Park reservoir, while to supply 16,000 feet of steel pipe, laying, and placing a submerged pipe across North Arm of the Fraser River, with gate valves, etc., to serve Richmond municipality, they estimated the cost of \$35,000. Contingencies, engineering, and inspection at five per cent. was figured at \$18,000, or a total cost for the system of \$378,000. Tenders for supplying the pipe are called for until August 9th.

**PRINCE RUPERT.**—The British Columbia Government have agreed to provide waterworks and sewerage systems and streets for this city.

**VANCOUVER.**—During the quarter ended June 30th nearly 12 miles of new water mains have been laid in Vancouver.

### LIGHT, HEAT, AND POWER.

#### Ontario.

**TORONTO.**—The members of the Hydro-Electric Commission, together with the heads of the engineering staff, returned to Toronto a few days ago, after completing a tour