

Manitoba.

VIRDEN.—Track laying has been commenced on a 15-mile extension of the C.P.R. which runs north-west from here.

WINNIPEG.—It was announced this week that the Government will commence the construction of the Hudson's Bay Railway this fall. Surveys of the first section are already completed.

BRANDON.—A number of men previously employed by the C.N.R. on construction work in the Goose Lake district are being transferred to Maryfield, near Brandon, where the railway company have 125 miles of steel to lay. A long train bearing the gear and men passed through the C.N.R. depot this week, and the work will commence immediately upon their arrival at the destination.

WINNIPEG.—Work is being pushed forward rapidly on the G.T.P. branch lines. About twenty miles of steel have already been laid on the Melville-Regina extension, and the balance of the steel to Balcarras will be completed in about a week's time. This is as far as the grade will be completed this fall. On the Melville-Yorkton branch the steel has been laid for six miles, and the line will be completed in a month. Grade work on the Tofield-Calgary line is progressing favorably, and should the weather continue fine it will be constructed as far as Camrose this fall, a distance of 50 miles.

Alberta.

CALGARY.—In a recent interview, Mr. Cecil Goddard, engineer of the Canadian Western Railway said that the company had decided upon a line into Calgary. The railway will cross the High River a distance from the town of High River, and the company expect to have the line completed in two years.

Saskatchewan.

VONDA.—The C.N.R. have over one hundred men here, raising the main track eighteen inches and putting in an additional siding. Extensive repairs will also be made to the station. The object of this grading the road is to prevent snow drifts similar to those of former winters.

British Columbia.

NEW WESTMINSTER.—Reports received from Chilliwack are to the effect that work is being pushed along at an exceptionally rapid rate on the last section of the Westminster-Chilliwack tram line extending from Abbotsford to the Valley City. The contractors are all working under time limits, and in addition to large gangs of men they have extensive machinery plants in operation. It is expected that gradings will be completed within sixty days, while the line will probably be opened early next year. The rails have already been laid from this city almost to Cloverdale—15 miles.

VANCOUVER.—The Canadian Northern Railway has filed plans of survey for the first 54 miles north of Kamloops. A grade of less than one-fifth per cent. from the Yellowhead Pass to Kamloops has been secured.

NEW WESTMINSTER.—The British Columbia Electric Company are planning to erect a building which, when completed, will be the finest structure in this city. They will also extend their car shops.

VANCOUVER.—The contract for building the extension of the branch of the E. & N. railroad from the end of the present line to Alberni, 27 miles, has been awarded to the Calgary firm, Janse, McDonnell & Timothy. The successful firm were the lowest tenderers, the next lowest being Macdonell, Gzowski & Company, of Vancouver. Work on the extension will be started within a few days.

LIGHT, HEAT, AND POWER**Quebec.**

MONTREAL.—The Saraguay Electric and Water Company are duplicating their line from Cartierville to Notre Dame de Grace.

VERDUN.—On Monday, October 4th, tenders closed for electric light plant, the installation of which is in charge of Mr. Charles Brandeis, consulting engineer, Montreal.

Ontario.

TORONTO.—Last Thursday, the concluding meeting of the engineers representing the general municipalities that have subscribed for Niagara power held their concluding meeting, with Mr. R. A. Ross, of Ross & Holgate, consulting engineers, of Montreal, in the chair. With a view to fixing rates which they are to be charged by the Hydro-Electric Commission, the engineers decided to furnish the power commission with full particulars regarding the present conditions in their cities. It is expected that the Hydro-Electric Commission will deliver power in Toronto and several other cities with which they connect by next March.

COBALT.—The contract for sixty transformers and switchboards in sizes of 160 K.V.A. and less, for the Cobalt Power Company, has been awarded to the General Electric Manufacturing Company of Sweden, through their representatives, Messrs. Kilmer, Pullen & Burnham, Toronto.

Foreign.

RJUKAN (NORWAY).—The contract for what is believed to be the largest generators in the world was recently awarded to the General Electric Manufacturing Company of Sweden. The five generators are to be supplied for the Rjukan Saltpeter Plant in Norway, and are each of 23,000 electrical horse-power, 11,000 volt, 50-cycles, 250 R.P.M., of the horizontal water-wheel type, totally enclosed and ventilated by the revolving field which acts as a fan. Canadian representatives: Kilmer, Pullen & Burnham.

SEWERAGE AND WATERWORKS.**British Columbia.**

VICTORIA.—Mr. Arthur L. Adams, the city's water expert, and Mr. Ashcroft, assistant engineer, recently reported on the cost of bringing water from Sooke Lake. Two schemes were submitted. To bring the water by a tunnel, the distance would be 17.4 miles, while if a pipe line were decided on, the distance would be 2.72 miles. The estimated cost of the tunnel route, as given in Mr. Adam's report is \$1,098,900, and the alternative route \$1,064,000. It would take four or five years to install the plant and build the tunnel, which would be designed to carry 7½ million gallons daily. The cost of acquiring the lands and right-of-way would be \$100,000. Mr. Ashcroft thinks that estimate too low. His estimate of the cost of a tunnel route is \$2,236,500, and the alternative route \$1,663,000. These figures include \$150,000 for the lands.

VANCOUVER.—Details of the plan to provide South Vancouver, Point Grey and Richmond municipalities with water from Seymour Creek at an initial cost of \$500,000 were placed before the municipal council of Burnaby last week in a report by Messrs. Cleveland & Dutcher, civil engineers, of Vancouver. A special committee was appointed to go carefully through the report.

SOUTH VANCOUVER.—A by-law has been submitted to the ratepayers of the municipality with a view to bringing water from Seymour Creek at an estimated cost of \$225,000. It would take two years to install the system proposed, which would be capable of supplying nine million gallons a day.