

**Saskatoon, Sask.**—The Bithulithic Paving Company have been awarded the contract for 63,000 square yards of the 125,000 sq. yards of paving to be done this season. The tender of this company was for \$2.95 per square yard.

**Seven Falls, P.Q.**—The Ambursen Hydraulic Company of Montreal, have been awarded the contract for the construction of a 10,000 horse-power development on the St. Anne River.

**Suffield, Alta.**—J. G. Hargrave & Company, Ltd., of Winnipeg, have received a contract from the C.P.R. for earth-work and embankments on the new branch from Suffield, Alta., from the main line in a south-westerly direction. The work will be started in April after the completion of similar work at Bassano.

**Victoria, B.C.**—Messrs. Moore & Whittington, builders and contractors, are building a three-story, brick apartment house at the junction of Fort and Pandora Streets. The expenditure contemplated is \$25,000.

**Vancouver, B.C.**—A contract to the value of about \$200,000 was awarded to the B.C. Equipment Company, of Vancouver, for combined gravel washing and rock crushing plants at Cragilacchie, Trail Creek and Old Man Creek. Each of these plants are capable of washing out a thousand yards daily. The gravel will be used for concrete culverts and the rock for ballast.

## RAILWAYS—STEAM AND ELECTRIC.

**British Columbia.**—The promoters of the British Columbia and Alaska Railway announce their intention of renewing work in the spring of 1912. Mr. E. C. Harris, of New York, the new president of the company, was for some time assistant engineer of the Chicago, Milwaukee and St. Paul, and later having served as general manager of the Santa Fe road.

**Fredericton, N.B.**—Mr. Frank de L. Clements is interested in a proposed electric line from this point to Springhill, a distance of five miles. The proposition is to purchase a storage battery car and secure running rights over the St. John Valley Railway rails, giving a service at regular intervals throughout the day. A car such as proposed would cost about \$12,000, and it is expected to have the service in operation by some time next summer.

**Halifax, N.S.**—Mr. C. C. Longard has prepared a sketch showing proposed improvements to the railway station in this city.

**North Toronto, Ont.**—A proposed electric line, known as the Forest Hill Electric Railway Company, contemplate building a line in these parts.

**Ottawa, Ont.**—City Engineer, Mr. N. J. Ker, has prepared plans for an extension of the street railway lines. The extension will total six and a half miles.

**Prince Edward Island.**—The Federal Government contemplate spending \$450,000 on a car ferry, \$400,000 on increasing the gauge of the P.E.I. Railway, and \$490,000 on the construction of a third rail. This work is all for the benefit of the P.E.I. Railway.

**Province of Saskatchewan.**—The Grand Trunk Pacific Railway contemplate opening forty-seven new towns. A contract has been awarded to a Minnesota firm to construct twenty-five general stores throughout these towns.

**Vancouver, B.C.**—The work of filling in the Great Northern Railways right-of-way on False Creek is to be started in the course of the next few weeks. Three or four million yards of earth will be required.

**Vernon, B.C.**—A Canadian Northern Railway survey party of 12 men in charge of A. E. Ashcroft, C.E., will begin work on the location of the proposed branch line from Vernon to Kamloops. At the latter point connection will be made with the company's main line. The distance between Vernon and Kamloops is about eighty miles, and it is expected that an easy grade will be secured although there will be a short stretch of heavy work at the summit.

## COPY OF ENGINEER WANTED.

A copy of our issue of August 10, 1911, is required. Parties sending in the same will have the expiration date of their subscription advanced one month.

## LIGHT, HEAT AND POWER.

**Acton, Ont.**—The ratepayers voted in favor of adopting the hydro-electric policy and to issue debentures for \$8,500 to equip the municipal line for hydro-power. A. J. Mackinnon, Town Clerk.

**Brantford, Ont.**—Certain improvements being made to the plant of the Watrous Engine Works will necessitate a new power plant installation.

**Fredericton, N.B.**—A survey of the Boccaguimaca stream has been made for power purposes.

**Niagara Falls, Ont.**—A report indicates that extensive additions to the plant of the Electrical Development Company will be made. The powerhouse is to be extended to the south, the addition to be erected costing over \$200,000. Four more power units are to be installed, increasing the power development from 80,000 to 120,000 horsepower, and the transmission line to Toronto will likely be duplicated. Altogether a sum of about \$1,000,000 will be spent by the company on the contemplated improvements.

**Porcupine, Ont.**—The management of the McIntyre, Hollinger and Dome mines are preparing to install electric motors in their mills.

**Smith's Falls, Ont.**—Mr. Acres and Mr. Gates have been in Smith's Falls in connection with the Hydro-Electric Commission, to make a thorough inspection of the water powers, the electric light and power plants, the pumping station, and the topography of the town and will make a report to the commission on their findings. The probable source of supply is Chats Falls.

## GARBAGE, SEWAGE AND WATER.

**Halifax, N.S.**—Mr. F. W. W. Doane, municipal engineer of this city, has prepared a report covering proposed changes in the waterworks system. In this he recommends the construction of two reservoirs and other works costing \$100,000.

**Ottawa, Ont.**—The municipal council have been asked to construct a septic tank for the treatment of sewage to cost \$6,000. N. J. Ker, City Engineer.

**Province of Ontario.**—The Provincial Board of Health will shortly serve notice on municipalities to cease contaminating the navigable streams of the province by pouring sewage into them. At present, no municipality in Ontario is allowed to extend its sewage system without special permission from the provincial board.

**Regina, Sask.**—An extension programme of sewer extensions will be carried through to completion during the present year, if at all possible. To expedite the completion of the work it is proposed to divide the various undertakings into separate contracts.

**Toronto, Ont.**—The municipal council voted in favor of spending \$100,000 on water meters.

**Westmount, Montreal, P.Q.**—The assessment of the city of Westmount is being sued before the courts, by the Montreal Water and Power Company. The allegation is that the assessors do not give to real estate its real value, being as a rule, about ten per cent. below the level. The contention is denied by the officials of the city, and the facts are being argued upon in the Circuit Court, before Mr. Justice Dorion. The argument of the Montreal Water and Power Company is that payment of the water rates in Westmount is based on the valuation of property and that by undervaluing real estate in their assessment, the assessors affect the income of the company.

**Winnipeg, Man.**—Acting City Engineer Wilson will prepare plans for a water supply to be obtained from Poplar Springs.

## BUILDINGS AND INDUSTRIAL WORKS.

**Berlin, Ont.**—The municipal authorities are taking steps toward the erection of a tubercular sanitarium to cost \$1,500. A. H. Miller, Town Clerk.

**Brampton, Ont.**—A report states that the Pease Foundry Company, now located at Toronto, will remove to this point. They intend erecting a large plant to employ 100 men.