

ford, have just awarded to Martin, Welch & Company, a sub-contract for the twenty-mile section between Abbotsford and Chilliwack. Not more than a year and a half will be occupied in completing the line now under contract. Subcontracts for the sections between Chilliwack and Hope will be awarded shortly and the work will be rushed with energy. East of the Hope mountains an eighteen-mile section between Princeton and Otter Flat is now under construction.

### BY-LAWS AND FINANCE.

**Montreal, Que.**—Debentures amounting to \$90,000 are offered for sale by W. Desjardins, secretary of the Hochelaga School Commission until April 26th.

**Berlin, Ont.**—Council recently passed the following by-laws, \$19,745 for roadways; \$917 for gutters; \$6,531 for sewerage; \$6,009 for sidewalks; \$72,000 for school purposes and \$60,000 for Peoples Railway stock.

**Dundas, Ont.**—On May 16th the ratepayers will be asked to approve of a by-law to guarantee to the extent of \$30,000 the bonds of the proposed engine works.

**Dunnville, Ont.**—Three by-laws were carried as follows: To loan \$30,000 to the promoters of an industry for the manufacture of auto parts, furnaces, shovels and other articles; to grant a fixed assessment of \$25,000 and free water for ten years to the Dominion Hammock Manufacturing Co., and a by-law to spend \$30,000 for a new high school.

**Peterboro', Ont.**—Peterboro' County council have published notice of the submission of a \$17,000 bridge by-law.

**Peterboro', Ont.**—The \$70,000 by-law which should have been submitted on April 19th was withdrawn in view of the agreement with the Canadian General Electric Company.

**Stratford, Ont.**—A by-law to raise \$85,000 for a distribution plant for Hydro-electric power was carried.

**Dauphin Man.**—The ratepayers voted \$175,000 for waterworks and sewerage.

**Grandview, Man.**—Tenders will be received up to the 24th May for debentures amounting to \$5,000. Wm. Dickie, Secretary-treasurer.

**Winnipeg, Man.**—The hospital by-laws, which involve the expenditure of \$500,000, were given their second reading in council and will be voted on by the ratepayers on June 2.

**Winnipeg, Man.**—Until May 14th, H. F. Tench, secretary-treasurer of S. D. Britannia, No. 1517, offers for sale \$40,000 debentures.

**Regina, Sask.**—On May 6th the ratepayers will vote on the following by-laws:—Trunk sewer, \$280,000; general hospital grant, \$25,000; Children's Shelter, \$10,000.

**Saskatoon, Sask.**—By-laws for waterworks extensions, sewers and granolithic walks will shortly be considered.

**Saskatoon, Sask.**—The council are asking for plans of a new hospital, the cost of which will be covered by a by-law to be submitted to the ratepayers. A similar by-law for \$110,000 was recently defeated.

**Calgary, Alta.**—The council will be asked to submit a \$20,000 horse show building by-law to the ratepayers.

**Ladner, B.C.**—Tenders will be received up to May 13th by the Delta municipal council for \$135,000 waterworks debentures. N. A. M'Diarmid, C.M.C.

**Revelstoke, B.C.**—Ratepayers have passed a \$30,000 school by-law.

**Victoria, B.C.**—The ratepayers will vote at an early date on a \$65,000 road improvement by-law.

### PERSONAL.

**Mr. Archie Gillies, B.A.Sc.**, who recently completed the construction of a 4,000 h.p. electric plant for Beech Bros. at Cobalt, has been appointed resident engineer on the construction of a power plant at Minnedosa, Man., for which Mr. C. H. Mitchell is the consulting engineer.

**Mr. E. Whitby** has been appointed second assistant city engineer at Hamilton, Ontario.

**Mr. A. E. Jupp** has resigned his position in the City Engineer's department, Toronto, to accept an appointment at Hallowbury.

**Mr. W. C. St. John** of Toronto has been appointed by the Ontario Government to the staff of the Surveys branch in the Department of Lands, Forests and Mines. Mr. St. John has been assisting in the Surveys Department for some months past and his appointment to the permanent staff takes effect at once.

**Mr. W. A. Bowden**, who has been acting as chief engineer in the Department of Railways and Canals, Ottawa, since the retirement of Mr. Butler, will probably succeed that gentleman. Mr. Bowden is an associate member of the Canadian Society of Civil Engineers, and has been connected with the department in question for five years.

### OBITUARY.

**Mr. S. Gagné, B.A.Sc.**, of the firm of O'Brien, Gagné & Jennings, was killed at Chicoutimi, Que., on April 14th, by a land slide, caused by an explosion of blasting powder in one of the cuts on the line of the Ha Ha Bay Railway which this company are building. Mr. Gagné graduated from the Faculty of Applied Science of Toronto University in 1901, with the degree of B.A.Sc. Since graduation his most important work has been in connection with the Toronto and Niagara Power Company's right-of-way, a line from Toronto to Niagara, the Niagara and Western Railway Company and the Niagara and St. Catharines Railway Company.

For many years Mr. Gagné was associated with the late Mr. W. T. Jennings and more recently in partnership in engineering work in Toronto with Mr. Gordon Jennings. About a year ago Mr. O'Brien joined Mr. Gagné and Mr. Jennings, and they undertook the engineering and the construction of a section of the Ha Ha Bay Railway.

Mr. Gagné was an associated member of the Canadian Society of Civil Engineers, and had acted as secretary of the Toronto Branch. In addition to close application to his own personal work he took a very great interest in the engineering profession generally and spent much time in assisting in the work of the Canadian Society of Civil Engineers and the Engineers' Club of Toronto, of which he had been for many years a member. He served on the Executive in various capacities.

### MARKET CONDITIONS.

Following the quotations of the various articles listed in the markets will be found in brackets numbers, thus (10). These numbers refer to the list number of advertisers on page 3 of this issue and will assist the reader to quickly find the name and address of a firm handling any particular article. Buyers not able to secure articles from these firms at the prices mentioned will confer a favor by letting us know.

Montreal, April 19th, 1910.

During the week a fuel manufacturing plant of the United States Steel Corporation put 1,100 ovens on the idle list, thus indicating a very considerable falling-off in the requirements for fuel. Many records were broken during last month in the matter of production in ore, coke, pig-iron and certain classes of steel. There is still a large production in certain districts, but there is unquestionably a tendency to reduce output at the present moment. The railway business has been keeping up right along, but it also is showing a tendency to fall off again, and it begins to look as though there would be a much smaller demand from that source during the coming few months than there has been for some time past. Purchases of pig-iron by manufacturers of cast-iron pipe have recently been due to the fact that grey forge and No. 4 foundry iron are quite scarce. Recent negotiations for some large quantities have been barren of results. Although there is talk of the curtailment of the production of pig-iron, and several furnaces have been blown out, it would seem that there has not yet been any signs of a general blowing out movement. The furnaces which have been blown out have been generally in need of re-lining. The buying movement among large foundry interests for the second half of the year has fallen off and the general tone of prices is downwards. It is not thought, however, that the decline in the price of pig will affect the values of the finished materials to any very great extent, owing to the fact that the price of the latter never advanced to a basis of the high cost of the former.

Advices from Great Britain indicate that the market there is rather less buoyant than previously reported, this being, possibly, in sympathy with conditions in the United States. Middleboro warrants have declined from 51s. 4½d. to 50s. 10½d. during the week. London reported the closing of the spelter market at £22 7s. 6d., this being a reduction of 2s. 6d. One cable, however, stated that demand from consumers showed an improvement, mostly for prompt delivery.

Figures on the production of pig-iron in Germany, which have just been issued, show that 115 works produced 12,149,834 tons in 1909, as against 11,186,379 in 1908.

Some advices refer to a rupture in the arrangements between a large Glasgow and a large Barrow firm, but no particular importance is attached thereto.