

auxiliary steam plant. Mr. E. J. Tett has been appointed manager of the plant.

#### British Columbia.

**KAMLOOPS.**—The report of the electric light committee on the proposals submitted by the Shuswap Power Company was adopted at a recent council meeting, the report recommending that a counter proposal be made the company, of \$30 per annum per kilo on a peak load of 225 kilos, the whole matter to be subject to the approval of the consulting engineer, Mr. H. K. Dutcher, of Vancouver, B.C.

### RAILWAYS—STEAM AND ELECTRIC.

#### New Brunswick.

**FREDERICTON.**—Surveys have been commenced for a new branch railway in York county, and when completed the new road promises to be an important adjunct to the C.P.R. system in New Brunswick. The new railway will be about fourteen miles in length, and will run from Millville, on the Gibson branch of the C.P.R., through Temperance Vale, and out to Southampton, following the course of the Nackawick valley, and thence up the eastern end of the Pokiok bridge across the St. John River. A staff of engineers in charge of Chief Engineer Holt is now engaged in making the surveys, and if actual work is not started this winter it will commence with the first opening of spring.

#### Ontario

**LONDON.**—Track elevation in London has been the subject of much talk here during the past few days. A letter received by the mayor from the Dominion Railway Commission stated that the Board desired to be informed of the position of negotiations between the city and the railway company regarding the elimination of level crossings. In his letter Mr. J. P. Mabey, Chief Commissioner of the Railway Board, said: "The legislation of last session contemplates this Board initiating steps towards the abolition of level crossings, but before taking these in London it would like to be informed of what has been done by the city council looking towards the elevation of the Grand Trunk tracks through the city. It is thought by authorities that track elevation in London will involve an expenditure of \$250,000. Since January, 1900, twenty-five railway accidents have occurred on the streets of London.

**TORONTO.**—The C.P.R. Co. desire to make some changes in the plans for the proposed high-level bridge on Queen Street East. They suggest that instead of putting in a solid fill trestle work should be permitted. The company also suggested an alteration in the floor system. In these alterations it is hoped to cut down the cost of the bridge by about \$18,000.

**TORONTO.**—It is stated on good authority that Mackenzie & Mann have added another to their string of Ontario railway properties, by purchasing the Irondale, Bancroft and Ottawa Railway. This line which is about 50 miles in length, runs from Kinmount Junction on the Grand Trunk's Lindsay-Haliburton branch to within a few miles to Bancroft, in the northern part of Hastings County. It has been in operation about 20 years.

#### Alberta.

**CALGARY.**—Six new tracks two thousand feet long, which the C.P.R. are adding to their sidings here, will be completed in a day or two.

#### Saskatchewan.

**LEBRET.**—The G.T.P. surveyors are back from Regina, to which point they have surveyed a new line from Balcarres. Mr. Wilkie is in charge.

#### British Columbia.

**NEW WESTMINSTER.**—The British Columbia Electric Railway Company recently announced that their line would be extended to the Fraser River mills.

**PHOENIX.**—Mr. J. B. Tierney, of W. P. Tierney & Company, has charge of the construction of a branch line of the C.P.R., from Phoenix to Wellington Camp. Mr. H. B. Walkem, of the C.P.R. engineering staff, is directing the work, which is to be completed by February 1st, according to the contract.

**PRINCE RUPERT.**—Contracts are let on the G.T.P., and grading is under way between Kitselas and Hazelton, 80 miles. This work is considerably lighter than that of the lower part of the river and the contracts let are consequently much

larger. It is not expected that anything can be done toward starting work beyond Hazelton this year. Following is a list of the contractors and the mile at which their work begins:—McDougall & Rankin, 102; D. A. Rankin, 112; M. Sheedy, 122; Moran & Chiene, 124; A. L. McHugh, 138; P. Salvus, 142; Bostrum & Kullander, 145; Sheedy & Paget, 155; Dan Stewart, 159; Norman McLeod, 162; Freebery & Stone, 8-172; Foley, Welch & Stewart, 5-175; Duncan Ross, 3-178.

#### England.

**LONDON.**—The Government has decided to grant \$675,000 towards the Collooney & Blacksod Bay Railway. When this is constructed London will be only fourteen hours from Blacksod Bay, from which Halifax, Nova Scotia, is distant only three and a half days.

### CEMENT—CONCRETE.

#### Ontario.

**HASTINGS.**—The concrete landing pier at the dam is now completed as far as the cement part is concerned. The iron tie posts have been bedded in the concrete and everything is ready for the dredge to come along in the spring and rip out the strip of rock which was the old water front and was used as a coffer dam while the wall was being laid.

### SEWERAGE AND WATERWORKS.

#### Ontario.

**TORONTO.**—The Board of Control is considering the installation 11,137 feet of new water main with 36 hydrants.

**OTTAWA.**—The village council of Eastview are considering plans for a drainage system. Mr. Charles H. Keefer, M. Can. Soc. C.E., of Ottawa, who reported on the main sewers of Ottawa some years ago, has been advising.

#### Alberta.

**HIGH RIVER.**—Waterworks will probably be installed here very shortly. The question is receiving much attention.

### FINANCING PUBLIC WORKS.

#### Ontario.

**LINDSAY.**—About New Year's Day the ratepayers of Lindsay will vote an a by-law to provide \$55,000 for schools.

**TORONTO.**—In Sept. last we stated that City Engineer Rust had prepared a report on the proposed Bloor Street viaduct and estimated the cost of two bridges, grading, paving and engineering at \$619,000. This figure did not include land damages. The question was revived again at a meeting of the Board of Works last week, and the board decided to recommend to the City Council that a by-law to include \$150,000 for land damages be submitted at the January elections.

#### British Columbia

**VANCOUVER.**—By the corporation of the township of Richmond tenders are invited for the purchase of \$275,000 waterworks and \$75,000 road improvement debentures up to December 1st. S. Shepherd, C.M.C., Rural Route No. 1, Eburne, B.C.

### MISCELLANEOUS.

#### New Brunswick.

**ST. JOHN.**—The City Council decided at a recent meeting to engage as assistant to Mr. William Murdoch, the city engineer.

#### Quebec.

**MONTREAL.**—On Monday, Mr. G. W. Stephens, of the Montreal Harbour Commission, outlined the scheme planned for harbour development here. Briefly it is expected to make water portage possible by lessening the currents; to give water access by way of the canals to Western Canada and the United States; to create manufacturing and warehousing sites having direct rail connections over all lines with every port of the continent; to reduce the handling charges