

proposition of the company is quite fair and the Indian Department have sent a man out with a view to a settlement being reached.

**VICTORIA.**—The contract for the mountain section of the Mill Bay Road has been awarded to M. J. Carlin by the Provincial Government. The cost will be \$130,000 for the ten miles of road necessary to link up the six-mile and two-mile sections, work upon which has been underway for the past eight months. By the terms of the contract the road is to be completed by January next, and for the first time the upper portion of the island will be in communication with Victoria by a feasible and practicable trunk road. The construction of this section involves heavy rock cuts.

#### Foreign.

**DETROIT, MICH.**—The Michigan Central will build a new two-million dollar station at Detroit.

### LIGHT, HEAT, AND POWER

#### Ontario.

**GALT.**—Galt town council recently considered a proposition to buy the local electric lighting plant and referred the matter of an estimate of its value to Mr. E. B. Merrill, C.E., of Toronto. The price asked by the Galt Gas Light Company, which owns the existing plant, is \$67,000. This does not include the water power at the dam, an auxiliary property, earning \$1,474 a year in rentals, and the value of which is unstated in the offer.

**NIAGARA FALLS.**—The Commissioners of Queen Victoria (Niagara Falls) Park have given permission for another undertaking by the Ontario Power Company. The company will spend over a million dollars in laying another pipe from the gate-house to the power house. The new pipe is to be the same diameter as the old, eighteen feet, but instead of being steel, encased in concrete, it will be wholly of reinforced concrete.

**PETERBORO.**—The Otonabee Power Company, who have asked the city for a twenty-year franchise, propose to spend \$250,000 in uniting their two dams.

#### Manitoba.

**WINNIPEG.**—In accordance with the recommendation of Professor Herdt, of McGill University, Montreal, the Winnipeg Street Railway has opened the first of three sub-power stations. It is hoped by these and by bonding the rails, to reduce the danger to water mains and gas pipes from electrolysis.

#### British Columbia

**VICTORIA.**—The work of installing the \$1,500,000 power plant which the B. C. Electric company will construct at Jordan river will be under the direct supervision of Edward Carpenter, who will be engineer in charge. Wynn Meredith, the chief engineer of the B. C. Electric company, who prepared the plans of the Lake Buntzen power plant and other large works for the same corporation, will supervise the work and prepare all necessary plans. The company intends to complete the work as soon as possible.

### SEWERAGE AND WATERWORKS.

#### Ontario.

**GUELPH.**—The formal opening of the new waterworks by the Hon. J. M. Gibson, lieutenant-governor of Ontario, took place on Thursday, September 23rd. The new system provides a supply of pure, spring water, unsurpassed in quality, while the quantity is practically unlimited. The old plant was installed in 1879, at a cost of \$173,948, and over a hundred thousand dollars have been expended during the past year in laying a pipe line some few miles from the city to tap large springs. A board of three commissioners, who gave their services gratuitously, had charge of the work. To the ordinary householder, the cost of water under the new arrangement will be less than nine dollars a year.

The city of Guelph is one of the most progressive of Canadian municipalities. Its population of 14,060 enjoys all the privileges of a modern city.

**LONDON.**—The city of London is having trouble with its system of sewage disposal, which is thought to be too

small to carry away all the sewage. In some sections the sewers are practically choked up, and Mr. Willis Chipman, consulting sanitary engineer, of Toronto, has been called in to make recommendations.

**OTTAWA.**—Sewer extensions, to cost \$1,500, made necessary by the proposed new G. T. R. station, will be built at an early date.

**PORT ARTHUR.**—The city will lay an intake pipe in connection with the waterworks system at a cost of \$30,000. The pipe will go 3,500 feet out into Lake Superior, into thirty feet of water, where the supply is always pure, even on the surface, and where the depth makes the presence of impurities impossible. Mr. John Galt, C. E., of Toronto, has been consulted by the municipality.

**STRATFORD.**—The City of Stratford has been allowed three months in which to complete the enlargement of the sewage disposal works. Until the expiry of that time William E. Bean, a farmer, will not be able to press his motion for sequestration. Bean desires to place the sheriff in possession, alleging that the city has been guilty of contempt in ignoring the court's order of ten years ago. This order restrained the city from polluting the waters of the River Avon, which flows through Bean's farm. Mr. M. Ferguson is the city engineer.

### CEMENT—CONCRETE.

#### Quebec.

**MONTREAL.**—The Artificial Marble Company will receive a contract for concrete work in connection with the Lafontaine Park Road amounting to \$3,650.

#### Ontario.

**COLLINGWOOD.**—At a recent council meeting, the town engineer recommended the erection of a cement arch over the canal on Fifth Street at a cost of \$500. The Board of Works will report.

**GUELPH.**—On September 15th, the first sod was turned in connection with the Niagara power station. The building will be of concrete and brick.

**NIAGARA FALLS.**—The Ontario Power Company have just been granted permission to lay a reinforced concrete pipe from the gate-house to the power house at an estimated cost of one million dollars.

**PETERBORO.**—Messrs. Geo. A. Begy & Company, of St. Catharines, Ont., who were to build the new reinforced concrete bridge here, on Smith Street, have withdrawn their tender and the contract has now been given to Messrs. E. and F. Conroy, a local firm. Contract price, \$28,457.

**TORONTO.**—A reinforced concrete bridge with a span of 120 feet clear and two spans of 100 feet may be erected by the city of Toronto across the River Don at Wilton Avenue. Until Monday, October 4th, Mr. Joseph Oliver, (Mayor), Chairman of the Board of Control, will receive tenders for its construction. A few weeks ago, tenders were called for a steel structure, and it looks as if the tenders for both steel and concrete structures will be compared before a decision is arrived at. Further particulars appear in our advertising columns.

#### British Columbia.

**VANCOUVER.**—Five sub-stations of concrete will be erected on the New Westminster-Chilliwack line of the British Columbia Electric Railway, and tenders are now invited for the work of erection.

**VICTORIA.**—The cost of paving Fort Street is estimated at \$27,000. Concrete will be used for the foundation.

**VICTORIA.**—A reinforced concrete building with a British Columbia granite front will be erected here on Government Street, by Luney Bros., for the Royal Bank. Estimated cost, \$50,000.

### FINANCING PUBLIC WORKS.

#### Ontario.

**BRUCE MINES.**—This municipality has recently sold \$10,000 debentures to Messrs. Brent, Noxon & Co., Toronto.