

Canadian Co., at Toronto Junction and the new reinforced concrete building for the Union Stock Yards Co., Ltd., also at Toronto Junction.

**Toronto, Ont.**—Contracts were awarded this week for valves to the Canadian Fairbanks Co., Ltd., at following prices:—

20 in. valves .....	\$102.61 each
20 in. check valves .....	137.81 each
12 in. check valves .....	45.24 each

**Toronto, Ont.**—Contracts for cast iron pipe were awarded this week to the National Iron Works as follows:—

36 in. C.I. Pipe, 1¼ in. metal, each 12 ft. length,	\$97.25
36 in. C.L. Pipe, 1½ in. metal, each 12 ft. length,	\$88.91
24 in. C. I. Pipe, 1½ in. metal, each 12 ft. length	58.35

**Galt, Ont.**—The contract for the building of the bridge across the Canada Woolen Mills race has been let to Mr. Fraser, of New Hamburg. The contract price of the superstructure is \$605.

**Midland, Ont.**—Dredging. Contractors, Canadian Dredging Company, Ltd., of Midland, Ont.

**Port Arthur, Ont.**—Contracts have been let to Warren Bitulithic Paving Company for 9,000 square yards paving on parts of Arthur, Algoma, Waverly and St. Paul Street, 5-inch concrete base.

**Port Arthur, Ont.**—Tenders will be called for a reinforced bridge over Current River on Block Bay Road. Bridge will be 26 ft. wide 212 ft. long over all and 35 ft. high. Main span will be a 2 rib arch 130 ft. long and 20 ft. rise.

**Humboldt, Sask.**—Public building. Contractors, The Brown Construction Company, Ltd., of Winnipeg, \$37,673.

**Moose Jaw, Sask.**—The Canadian Westinghouse Company and Messrs. Dawson & Company, Limited, of Winnipeg, have secured the tender of supplying the posts, lamps, etc., for street lighting.

**Regina, Sask.**—The Bitulithic & Construction Company, and the National Paving Company, have secured the paving contract, the former securing 52,042 square yards at \$3, and the latter 52,872 square yards at \$2.90. The quantity of the work has been increased since asking for tenders.

**Regina, Sask.**—The Parsons Construction Company, Regina, have secured the construction work on 175,000 square feet of concrete sidewalk at 16¼c. per square foot.

**Victoria, B.C.**—The construction work of the first large portion of the proposed sewer improvement and extension work for this city will be carried out by the City Engineer, using day labor. The work consists of the construction of approximately 9,000 feet of egg-shaped brick or concrete sewer, and approximately 12,500 feet of cement or vitrified circular sewer pipe ranging from fourteen to twenty-four inches in diameter with the necessary man-holes, lamp-holes, putfalls, chamber and pumping station, including approximately 22,500 cubic yards of excavation.

**Victoria, B.C.**—The contract for the construction of the Ross Bay sea wall has been awarded to Thomas Stedham, who put in the lowest bid. Mr. Stedham, who was formerly a member of the Pacific Coast Construction Company, which is at present building the Dallas Road sea wall, figured on the contract at the exceedingly low figure of \$69,301. The condition attaching to the ratification of the contract is that Stedham puts up \$20,000 bonds within five days, in default of which the contract will go to the next lowest bidder, J. Haggerty & Company. The report of the committee showed the various bidders in the following form: Angus Smith, city engineer, \$85,840; C. Hoard, Pemberton Building, \$87,845; Messrs. Chase & Board, Seattle, \$83,620; Pacific Coast Construction Company, city, \$107,500; Thomas Stedham, city, \$69,301; N. D. Chatham, Vancouver, \$127,724; Zindorf & Elliott, Seattle, \$86,906; C. F. Graff, Seattle, \$89,996; John Haggarty & Company, city, \$73,963; Jeffer & Bufton, Portland, \$105,820; Westholme Lumber Company, Ltd., city, \$75,147; Moore & Pethick, city, \$103,600. In addition alternative bids permitted upon plans supplied by the bidders were received from the following: Westholme Lumber Company, Ltd., city, \$110,260; Westholme Lumber Company, Ltd., city, \$54,094; Moore & Pethick, \$111,000; Moore & Pethick, \$148,000.

Contract has been awarded for the construction of the Algoma Central & Hudson Bay Railway from Hobon, on the Canadian Pacific Railway to a point on the National Transcontinental Railway, a distance of approximately 101 miles, to Superior Construction Company, Limited, of Espanola, Ontario.

## RAILWAYS—STEAM AND ELECTRIC.

**Fredericton, P.E.I.**—The new station to be erected for the Intercolonial Railway will be on practically the same site as the present building. Several petitions had gone forward to Ottawa asking that a new site be selected. The present station and the changes which are to be made along with the building of the new station will cost \$30,000.

**Halifax, N.S.**—The receipts for the Halifax Electric Tramway Company for week ending August 7, 1911, show an increase of \$570.11, as follows:—

1910.	1911.	Increase.
\$5,071 .....	\$5,641.11 .....	\$570.11

**Kingston, Ont.**—At the annual meeting of shareholders of the Kingston & Pembroke Railway Company, held recently, it was reported that the past year was the best in the company's history. Extensive improvements were made to the line during the past twelve months, and further work is to be done this year.

**Winnipeg, Man.**—President C. M. Hays of the Grand Trunk Pacific has opened negotiations with the Dominion Government in regard to the taking over by the G.T.P. of the completed section of the National Transcontinental Railway from Superior Junction to Winnipeg.

## LIGHT, HEAT AND POWER.

**Province of Quebec.**—The provincial government has adopted a new policy as to water powers belonging to the crown. In future no such water power shall be definitely sold. Twenty years ago these water powers were allotted for nothing. Ten years ago such water powers like Shawinigan and Grand Mere Falls were sold for \$50,000. Now they shall not be sold at all but rented on long leases of 99 years. The minister of crown lands, Hon. Mr. Allard, has just decided to offer at auction in September next ten water powers situated in different portions of the province.

## SEWAGE AND WATER.

**Kingston, Ont.**—The municipal authorities are considering the installation of a filtration plant to secure a good supply of drinking water. The medical health officer, Dr. A. B. Williamson, states that the water of the harbor is contaminated from the sewage poured into it. The waterworks intake pipe is tight, but on some days the water shows the presence of colon bacilli.

**Calgary, Alta.**—The municipality are considering the installation of a septic tank system for the disposal of sewage. It has been estimated that the cost of installing the disposal works will be about \$150,000. The city engineer will work on the plans for the tanks. It is not necessary to undertake the work of the construction immediately, as it will take some time to have the sewer outlet put in.

**Edmonton, Alta.**—A twenty-inch main burst in the pumping station and flooded out the six million gallon pump. The pump is placed in a pit forty feet deep and the water flooded that twenty-five feet before it was shut off. Employees at the Misericordia hospital did not know that the water was turned off and the fires were kept going under the boilers with the result that they exploded. Several hundred dollars worth of damage was done.

**Victoria, B.C.**—Since the beginning of the year a total of nine and one-quarter miles of sewer and surface drain work has been completed by the city engineer. In all some 33,125 feet of sewer have been laid, about six and one-quarter miles, while lateral work necessitated by the new paving programme called for 15,216 feet of construction work and 468 feet of surface drains also laid.

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