

# CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL OF PUBLIC WORKS AND TENDERS

## PUBLIC WORKS • TENDERS ADVANCE INFORMATION AND MUNICIPAL PROGRESS

EVERY WEDNESDAY

This paper reaches every week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers  
Purchasers of Municipal Debentures and leading Contractors in all lines throughout Canada.

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MAY 15, 1901

No. 15

### THE CANADIAN CONTRACT RECORD,

PUBLISHED EVERY WEDNESDAY

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**J. H. MORTIMER PUBLISHING COMPANY**  
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### WANTED

Architectural Draughtsman; must have at least four years' experience. Apply immediately to

**GOUINLOCK & HAKER,**

714 Temple Building, Toronto.

### TO CONTRACTORS

Sealed Tenders will be received by the undersigned up to WEDNESDAY, MAY 23RD, at 12 o'clock a. m., for the several trades required in the erection and completion of a hotel building for C. O'Reilly, Esq., at Smith's Falls, Ont.

Plans and specifications may be seen and all information obtained at the office of the architect, also at the Russell House, Smith's Falls.  
No tender necessarily accepted.

**JAMES A. ELLIS, Architect,**  
9 1/2 Adelaide St. East, Toronto.

### TENDERS

will be received up to 7 o'clock p. m. on TUESDAY, MAY 8TH, by the Municipal Council of the Township of Woolwich, for construction of a

#### CONCRETE ARCH BRIDGE

span 30 feet, at Floradale, Ont. For plans, specifications, etc., apply to

**HERBERT J. BOWMAN,**

M. Can. Soc. C. E.,  
Consulting Engineer.

Berlin, Ont.,  
May 11th, 1901.

## Tenders Wanted

Sealed Tenders, marked "Tenders for Sewerage," addressed to the undersigned, will be received until

**SATURDAY, 1st day of June, 1901,**

AT NOON,

or the putting in of a Sewerage System for the whole Town of Campbellton, N. B., according to the plan and specifications of Willis Chipman, C. E., Toronto, Ont.

Plans and specifications may be seen at the office of the said Willis Chipman, C. E., Toronto and at the office of the undersigned Chairman of Sewerage Committee, Campbellton, N. B. The work to be completed on or before the 10th day of October, 1901.

Each tender must be accompanied by a certified bank cheque, payable to the Town Treasurer, or cash for an amount equal to five per cent. of the tender, which will be forfeited if the party tendering declines to enter into contract when called upon, or fulfill specifications. Should the tender not be accepted the deposit will be returned.

Not obliged to accept the lowest or any tender.

**WM. MURRAY,**

Chairman of Sewerage Committee.

Campbellton, N. B., May 7th, 1901.

### TENDERS WANTED

FOR

## Drainage Work

Sealed Tenders, endorsed "Tenders for Drainage," and addressed to J. A. Cockburn, Crysler, Ont., will be received up to the hour of one o'clock on TUESDAY, THE FOURTH DAY OF JUNE, 1901, for the deepening, widening, improving, etc., of the Whissell Creek Drain, in the Townships of Finch and Cambridge. Estimated cost, \$2,111.75.

Plans, specifications, forms of tender, etc., to be seen at the office of J. A. Cockburn, Clerk of the Township of Finch, and at the office of G. L. Brown, Engineer, Morrisburg, Ont., on and after the 15th day of May, A. D. 1901.

The lowest or any tender not necessarily accepted.

**JOHN K. McLEAN, Reeve,**

**J. A. COCKBURN, Clerk,**

**GEO. L. BROWN, Engineer**

### STEEL HIGHWAY BRIDGE AND STONE MASONRY

Sealed Tenders will be received by me up to MONDAY NOON, JUNE 3RD, 1901, for erection of a bridge over the Moira river at Cannifton, three miles north of Belleville, Ontario.

Tender to be for steel bridge in two spans of 94 1/2 feet each, with roadway 16 feet wide in clear, and to carry a moving load of 100 pounds to square foot of floor area.

Tenderers for this part must furnish complete plans, strain sheets, specifications, etc., for the superstructure ready for travel; and

The tender for one stone pier and two abutments to be separate and for work and material according to specifications to be seen at my office.

The pier and abutments to be finished ready for superstructure not later than the first day of August next, and the superstructure complete ready for travel two weeks thereafter.

The lowest or any tender not necessarily accepted.

**WM. R. AYLSWORTH,**

County Clerk,  
Box 7, Belleville, Ont.

Shire Hall, Belleville,  
May 6th, 1901.

### TENDERS

#### FOR WATERWORKS SUPPLIES

Sealed tenders, addressed to the Chairman of the Fire, Water and Light Committee, will be received at the office of the undersigned up to 8 1/2 p. m. on

**Monday, May 27, 1901,**

for the supply of the following materials:

- 300 one-half inch water meters.
- 100 three-quarter inch water meters.
- Brass Goods as per list.
- Lead Pipe.
- Stop-cock Boxes.

Specifications and forms of tender may be obtained at the office of James Stuart, Water and Light Commissioner, Winnipeg.

Each tender must be accompanied by an accepted cheque or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract if called upon to do so. If an accepted cheque is submitted it must be payable at par in Winnipeg, or be for an amount sufficient to cover exchange over the sum called for in the form of tender supplied.

The City reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

**C. J. BROWN,**  
City Clerk.

City Clerk's Office,  
Winnipeg, May 7, 1901.

### TENDERS WANTED

Tenders will be received by the Council of the Township of Stanley up to MONDAY, THE 10TH DAY OF JUNE, 1901, for the construction of the following drainage work:

- Main Drain, 31,40 cubic yards.
- Tap Drain No. 1, 2,750 cubic yards.
- Tap Drain No. 2, 9,160 cubic yards.
- Tap Drain No. 3, 1,780 cubic yards.

Two hundred dollars of a deposit to be made with each tender.

Plans and profiles may be seen at the office of the undersigned.

Satisfactory bonds are required to be furnished by the contractor.

**JOHN E. HARNWELL,**  
Township Clerk.

Varna, May 2nd, 1901.

## OSHAWA ONTARIO.

The town of Oshawa, Ontario, requests Sealed Tenders, which will be received up to 12 o'clock at noon on

**Thursday, the 23rd day of May Instant,**

by the undersigned, for the various work here under recited.

The lowest or any Tender not necessarily accepted.

**C. FRENCH,**  
Chairman Fire and Water Committee.

### SEWERAGE SYSTEM

TENDER NO. 1.

For all mains, sub-mains and lateral sewers, including manholes, flush tanks, catch basins, outfall, etc., etc., as referred to in plans and specifications.

### WATERWORKS SYSTEM

TENDER NO. 1.

Pumping from Lake Ontario, including intake, pumping station, engineer's dwelling, intake well, pumps, boilers, mechanical filter, storage tank, mains, sub-mains, hydrants, valves, etc., etc.

TENDER NO. 2.

Gravitation from Raglan Springs. Collection of water at springs, wells, intake chamber, 6" and 12" mains, etc., 1 million imperial gallon reservoir, distribution system in town, including hydrants, valves, etc., etc., in accordance with plans and specifications.

N. B.—Special designs and tenders will be permitted if accompanied by full detail specifications, plans, photographs, etc., for elevated storage tank, water tube or other special type of steam boilers, high duty pumping machinery, mechanical filter.

Plans and specifications can be seen and forms of tender obtained at the Town Hall, Oshawa, or from R. E. Speakman, Consulting Engineer, 99 and 100 Canada Life Building, Toronto, on and after Monday, the 13th day of May instant.

An accepted bank cheque equal in value to 5 per cent. of amount of tender must accompany each tender, or it will not be entertained.

**C. FRENCH,**

Chairman Fire and Water Committee.

Oshawa, May 3, 1901.

### TO DRAUGHTSMEN.

Architectural draughtsmen open for engagement may learn of vacancies by communicating with the office of the CONTRACT RECORD.

## TENDERS WANTED.

Tenders will be received by the undersigned from **MAY 18TH TO 9 A.M. OF 27TH** for the several trades required in the erection of a factory to be built on Wellington street. The lowest or any tender not necessarily accepted.

F. F. SAUNDERS, Architect, 28 Toronto st.

## TENDERS WANTED

Tenders will be received by the undersigned up to the **20TH DAY OF MAY**, at 5 o'clock p. m., for the construction of 15,000 to 20,000 square feet cement concrete sidewalks in the Town of Walkerton during the current season.

No tenders necessarily accepted.

R. H. MCKAY,  
Walkerton, Ont.

## TENDERS FOR CEMENT SIDEWALKS

Tenders will be received at the Town Clerk's office, Whitby, until noon on **FRIDAY, MAY 17TH, 1901**, for furnishing material and labor in the construction and completion of about 6,550 feet of cement sidewalk on Brock street, east and west sides, between Dundas and Colborne streets 10 feet in width. Specifications can be seen in Town Clerk's office, Whitby. Work to be completed not later than 1st August, 1901. Marked cheque for 5 per cent of contract price to accompany the tender.

THOS DEVERELL,  
Chairman Streets Committee, Whitby.

## TENDERS WANTED

Sealed tenders will be received at the office of the Waterworks Department, Brockville, Ont., up to six o'clock p. m. on **WEDNESDAY, THE 22ND INST.**, in bulk only, for stone, brick, iron and steel work, carpenter and joiner work, painting and glazing of a pumping station for the Board of Water Commissioners, Brockville, Ont.

Each tender must be accompanied by an accepted cheque made payable to the Board of Water Commissioners for five per cent. of the amount of the tender, which will be returned to the unsuccessful tenderers, but that of the accepted tenderer will be retained until a satisfactory agreement is executed for the fulfillment of the contract.

Plans and specifications may be seen at the office of the undersigned.

The lowest or any tender not necessarily accepted.

H. DILLON,  
Architect.

Brockville, May 9, 1901.

## TENDERS

FOR

## GRANOLITHIC WALKS

will be received by the undersigned at the City Clerk's office, up to the hour of 12 o'clock, no n. of **MONDAY, MAY 27TH, 1901**, for the construction of such granolithic sidewalks as may be required by the City of Chatham for the year 1901, as per specifications to be seen at the said office.

ALSO

Tenders will be received at the said time and place for a Sawyer & Massey Rock Crusher, number three and a half, with 14 feet elevator and one number two section revolving screen; said crusher being almost new and in good condition. Best of reasons given for selling.

W. G. MERRITT,  
Clerk of Chatham, Ont.

## CONTRACTS OPEN.

**BRIGDEN, ONT.**—Plans are being prepared for new Methodist church.

**PETROLEA, ONT.**—The G T R will erect new depot here, of red brick.

**LISTOWEL, ONT.**—The council has decided to purchase a street sprinkler.

**ACTON, ONT.**—Some permanent pavements will be constructed this year.

**TAVISTOCK, ONT.**—Dr. Herold is preparing to build a brick residence.

**BRANDON, MAN.**—It is reported that F. L. Eames will rebuild the Queen's hotel.

**WIARTON, ONT.**—Robert Greenlees wants tenders by 17th inst. for building a residence.

**WALNUT, ONT.**—Wm. Kelly invites tenders up to June 1st for construction of Bourne drain.

**VALENTYNE, QUE.** The Montreal Cotton Co. announce that they will build two new mills.

**MOUNT FOREST, ONT.**—An expert will be engaged by the town to value the electric light plant.

**BARRIE, ONT.**—The proposed hospital will be built on the Thompson property on Ross street.

**CARGILL, ONT.**—H. R. Cargill, M. P., has subscribed \$2,000 towards erection of Anglican church.

**LEAMINGTON, ONT.**—The vestry of St. John's church have decided to build a new edifice, cost \$4,000.

**GODERICH, ONT.**—The citizens have decided to build a general hospital on a site on the lake front.

**BERLIN, ONT.**—S.R. Knechtel has purchased property on Roy street on which he will build a modern residence.

**CAMPBELLTON, N.B.**—The town council are taking tenders up to June 1st for construction of system of sewers.

**SANDWICH, ONT.**—It is probable that new tenders will be invited for construction of 20,000 feet of granolithic sidewalk.

**REVELSTOKE, B.C.**—The time for receiving tenders for purchase of \$699,857 debentures has been extended to June 1st.

**ONSLow, N. S.**—Tenders close May 16th for building Presbyterian church. Plans by D. Henderson, architect, Truro.

**PEMBROKE, ONT.**—J. L. Morris, C.E., has commenced a survey of the Pembroke end of the Toronto, Lindsay & Pembroke railway.

**VIOLET HILL, ONT.**—Tenders are wanted by May 20th for erection of brick school house. Plans at residence of R. J. Maguire.

**WESTMEATH, ONT.**—M. Goiman, architect, of Pembroke, is preparing plans for a two storey brick house for Dr. Graham.

**COATICOOK, QUE.**—Tenders closed to-day for purchase of \$25,000 corporation debentures. Particulars from Otis Shurtleff.

**PRESTON, ONT.**—An addition, 120x37 ft., and three storeys high, will be built this year to the Mineral Springs Furniture Co.'s factory.

**THREE RIVERS, QUE.**—The Provincial Light, Heat & Power Co., capital \$500,000, has been organized here. Allan MacDougall is interested.

**STURGEON FALLS, ONT.**—The corporation has debentures for sale.—Plans for a sewerage system have not yet been finally adopted by the council.

**GLACE BAY, N.S.**—The council is open to receive offers for lighting the streets of the town. About 50 arc lamps of 300 c.p. each would be required.

**CORNWALL, ONT.**—E. O'Callaghan will receive tenders up to June 15th for erection of fireproof store house on county property west of the jail.

**NORLAND, ONT.**—S. B. Trick, of Courtice, has purchased Stevens & Argue's saw mill and intends putting in stove and heading machinery.

**PORTAGE LA PRAIRIE, MAN.**—Jos. Taylor has purchased property west of the opera house block on which he will eventually erect a brick building.—The evenin-Curtis block will be rebuilt this summer.

**SPRINGHILL, N. S.**—Daniel McLeod, town clerk, wants offers by June 1st for purchase of \$5,000 4 per cent twenty year debentures.

**HINTONBURG, ONT.**—E. L. Horwood, architect, of Ottawa, has been instructed to prepare plans and estimate of cost of new fire hall on Seventh avenue.

**BADDECK, N.S.**—The Inverness & Victoria Telephone Co. are about to extend their line from North Sydney to Port Hood and other points in Cape Breton.

**ST. JOHN, N.B.**—The Dominion government is taking tenders for erection of immigration building in this city. Plans at office of D. H. Waterbury, custom house.

**MEGANTIC, QUE.**—Tenders are invited by A. Bécigneul, secretary-treasurer of the municipality, up to 14th inst. for construction of sewerage and waterworks systems.

**SYDNEY, N.S.**—Tenders are asked by D.M. Curry, county clerk, up to May 27th for erection of court house in this town, from plans by Elliott & Hospon, architects. Cheque for \$5,000 to accompany tender.

**WOODSTOCK, N.B.**—The county council has decided to rebuild the jail here at a cost of \$10,000. Plans will probably be prepared by H. H. Mott, architect, of St. John.

**NAPANEE, ONT.**—Boston capitalists are said to be forming a company to construct an electric railway between this town and Gananoque, passing through Kingston.

**TORONTO JUNCTION, ONT.**—Mr. Schultz will build a new residence.—Jas. Hall has commenced the erection of four houses near corner of Herbert and Cathara streets.

**ROSSLAND, B.C.**—The city engineer has asked for an appropriation of \$23,000 for street grading and sidewalk improvements.—A \$10,000 addition will be built to the Hotel Allan.

**PHOENIX, B. C.**—J. P. Graves and W. Y. Williams will build a stone and brick block, 100 x 60 ft., cost \$15,000.—The Miner-Graves Syndicate is building 20 employees' cottages.

**NEWCASTLE, N.B.**—Plans will be prepared and tenders invited immediately for a steel bridge at the mill cove. Particulars from the Provincial Public Works Department at Fredericton.

**MATTAWA, ONT.**—Engineers have examined the water power here, and it is expected that work on the pulp mill for the Blance River Pulp & Paper Co. will be commenced at an early date.

**FREDERICTON, N. B.**—The New Brunswick Coal & Railway Co. are about to commence a survey of their proposed road between Chipman and this city. Ernest Hutchison, of Douglstown, is president of the company.

**GUELPH, ONT.**—The renovation of Norfolk street Methodist church, at cost of \$3,000, has been decided upon. Particulars from John Crowe.—W. F. Colwill, architect, wants tenders by 16th inst. for erection of pair of residences.

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**HULL, QUE.**—The city engineer estimates that a sewer in ward A would cost \$50,000. Tenders are wanted, at office of M. Brodeur, architect, for brick and carpenter work of five storey building.

**EDMONTON, N. W. T.**—A court house will be built here this summer.—Tenders are being taken this week for erection of brick ten-roomed school building, from plans by G. H. B. Johnson, architect.

**BRANTFORD, ONT.**—Gounlock & Baker, architects, are taking tenders in their office here on all trades for a residence for Mrs. A. D. Clement on Church street, also for alterations and additions to Zion Presbyterian church and residence of D. Waterous.

**SICKVILLE, N. B.**—P. S. Archibald, C. E., of Moncton, has reported on the cost of a water supply for this place from Ouden's Brook, two and one-half miles distant. A company with a capital of \$45,000 has been organized to construct the system.

**VANCOUVER, B. C.**—Jas. McWhirney, 342 Eighth avenue, will likely build a warehouse on Pender street.—Tenders have been taken by F. M. Britton for remodelling Mount Pleasant Methodist church.—Father Lefebvre was in the city last week purchasing material for proposed Catholic church at White Horse.

**MIDLAND, ONT.**—By-laws to install a waterworks system, cost \$60,000, and to take over and extend the electric light plant, cost \$18,000, were carried by the ratepayers recently.—Tenders are invited up to May 23rd for erection of Methodist church and school room, of brick. Plans at residence of A. McKee, this place, and at office of J. S. Russell, architect, Stratford.

**PARRY SOUND, ONT.**—An architect will be engaged to report on the cost of alterations to the east ward school. It is probable that the erection of a new school will be postponed for the present.—A committee has been authorized by the town council to procure plans for a bridge on Cascade street.

**COLLINGWOOD, ONT.**—R. W. O'Brien intends building a two storey brick store. Fred T. Hodgson, architect, is preparing plans for a large brick and stone store and warehouse to be built on Hurontario st. for Robert O'Brien. He is also preparing plans for alterations and an additional storey to the residence of John Adam, Oak st.

**PETERBOROUGH, ONT.**—Tenders close May 30th at office of town clerk for purchase of \$33,114.63 twenty year and \$13,111.39 thirty year debentures.—The Peterborough Shovel Co. has been organized and purposes erecting a building 60x150 ft.—Plans have been completed for the new works in this town of the American Cereal Co., of Chicago. The dam is estimated to cost \$250,000, and buildings a similar amount.

**VICTORIA, B. C.**—The city council will memorialize the provincial government to grant \$75,000 to assist in construction of new Point Ellice bridge.—A deputation from Rockland avenue and vicinity have asked the council to construct a sewerage

system for that district. Some of the aldermen favor the septic tank system.—An addition to the Centennial Methodist church will probably be built this year. Particulars from P. Shakspeare.

**BROCKVILLE, ONT.**—Plans have been prepared for additional wing to the general hospital.—Tenders are invited up to 6 p.m. of 22nd inst. for stone, brick, iron, steel, carpenter and joiner works and painting and glazing of pumping station for Board of Water Commissioners. Plans by B. Dillon, architect.—A. A. Fisher and Edwin Smart have purchased the John Ryan property, corner King and Orchard streets. Plans for converting it into two residences are being prepared.

**HAMILTON, ONT.**—Extensive improvements are to be made to the St. Nicholas hotel, owned by Henry Hogben.—Building permits have been granted as follows: James Rogers, four brick dwellings on Princess street, cost \$4,400; Peter Erskine, two brick dwellings and store, Dundurn street, cost \$3,500; John Mills, brick dwelling on Cook street for John Goddard, cost \$1,100; G. F. Webb, alterations to 27 John street north, for Morgan Bros., cost \$3,500; G. H. Milne, brick dwelling on King street, cost \$1,250; A. W. Peene, nine dwellings on St. Matthews avenue, cost \$9,000.

**LONDON, ONT.**—The Canadian Fire Engine Co. have purchased an acre of land on Simcoe street as a site for their factory. Building will be brick, two storeys, 56x80 ft.—A. O. Graydon, city engineer, wants tenders by 5 p. m. of 16th inst. for construction of sewers.—H. C. McBride, architect, is calling for tenders for a residence on Dufferin avenue for Mrs. L. H. Ingram. He is also preparing plans for a factory on Clarence street for P. O'Hara.—Moore & Henry, architects, are preparing plans for a brick church on Lyle street, East London, for Father

Traher, of St. Marys, also a dwelling at Catholic cemetery for Patrick Gleeson.—Herbert Matthews, architect, is calling for tenders for a residence on Queen's avenue, for himself.—Moore & Henry, architects, are preparing plans for a house for James Butler, Central avenue, to be built of red pressed brick, and are building a lodge for the London cemetery authorities.

**WINNIPEG, MAN.**—Montgomery Bros., of the Winnipeg Hotel, have purchased adjoining property on which they will build a large addition to the hotel.—H. S. Griffith, architect, is this week taking tenders for alterations to house on Assiniboine avenue.—A by-law to raise \$100,000 for school purposes was carried by the ratepayers last week, while the fire hall by-law was defeated.—The city clerk is taking tenders for construction of cedar block pavements.—G. Brown, architect, has prepared plans for a branch of the Union Bank at Carberry, 2 storey building, 50 ft. frontage. Same architect is preparing plans for a new style of house in which the bath-room is placed in the attic.—Architect J. G. Russell is taking tenders for a residence for J. A. M. Aikins.—The new steel bridge for the Canada Northern will be located near the foot of Water street. Contractor Kelly has the work in hand and is making all arrangements for an early start.

**OTTAWA, ONT.**—Plans are being prepared by J. P. McLaren, architect, for a three storey brick veneer hotel to be erected at Carp, Ont., cost \$5,100.—E. H. Bronson has taken out a permit for a brick dwelling on Nepean street, to cost \$10,000.—William Kennedy, jr., of Montreal, is preparing plans for developing water power at the Chaudiere for the Ottawa Power, Pulp & Paper Co. He is also preparing plans for the power house and pulp and paper mills.—A. E. Oliver

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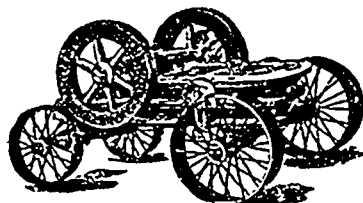
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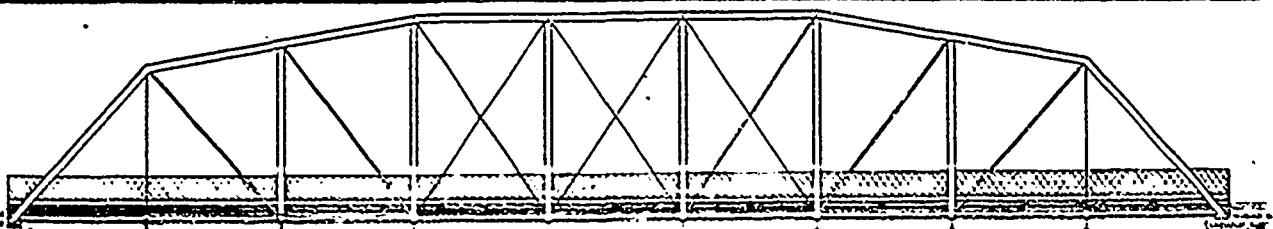
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and Charles Conway have purchased building lots on Fourth avenue.—St. Patrick's Literary and Scientific Society have decided to start work shortly on erection of new hall on Maria street. Building will be brick, three storeys, 50x100 ft., with gymnasium and bowling alleys in basement.—J. R. Roy, acting secretary Department of Public Works, invites tenders up to Friday, 17th inst., for construction of breakwater at Neil's Harbor, Victoria County, N. S., until May 23rd for erection of immigration building at St. John N. B., and until June 7th for extension to breakwater at Grande Anse, Gloucester county, N. B.—Tenders are also invited until May 28th for erection of post office and customs house at Deseronto. Plans at Department of Public Works, this city, and at office of John Dalton, Deseronto.—William Gray & Sons, of Chatham, Ont., have leased property on Spark street on which they will erect a brick building, two storeys, 25x85 ft.

MONTREAL, QUE.—It is reported that the Board of Trade building will be reconstructed on the old site, and that Canadian architects will be given a preference in the competition for plans.—Tenders close at noon to-day, Wednesday, for repairs to asphalt pavements and the supply of New York blue stone or Canadian flag stone.—Plans of waterworks and sewerage systems to be constructed in the village of Megantic are on view at room 76, 97 St. James, Street, this city.—New tenders will be invited for purchase of \$1,500,000 of city bonds.—The extension of the basin sewer, at a cost of \$63,000, may be undertaken by the council this year. Plans are being prepared by Saxe & Archibald for the extension of the Foley flats. Building permits have been issued as follows:—Jos. Charlebois, two 3-storey houses, Laval ave, cost \$5,200 each; Chanteloup Mfg. Co., alterations to three storey building, 591 Craig st., cost \$2,000; P. P. Martin, three storey building, 165 Commissioners street, cost \$1,000; Sisters Holy Name of Jesus and Mary, four storey building, Nicolet street, cost \$12,000 (Resther & Sons, architects); E. C. P. Guy, three storey house, 94 St. Dominique street, cost \$7,000 (A. Raza, Architect); R. Dufresne, three storey

house, 85 Rouville street, cost \$1950; Mrs. P. Dupius, three storey house, 533 St. Lawrence street, cost \$6,000 (G. A. Monette, architect); J. Leblanc, five 2-storey houses, Hotel-de-Ville ave, cost \$2,500 each (J. Sawyer, Architect); D. Sperber, two 3-storey houses, 1123-1125 St. Lawrence street, cost \$3,000 each. (Eric Mann, Architect); Royal Insurance Co., seven storey building, Place d'Ames Square, cost \$100,000 (Hutchinson & Wood, architects); Baron de Hirsh Institute, three storey building, 250 Bleury street, cost \$25,000. (Bernard & Paris, architects.)

TORONTO, ONT.—The Separate School Board, at a meeting held last week, decided to build a four-room school building at the corner of King street and Close avenue.—Thos. Davies is about to build a factory, corner Queen and River streets.—The special committee appointed to select a site for the women's residence for Victoria University have decided to erect the building on the lot north of Czar street.—A movement is under way by the Broadview Boys' Brigade and the Old

Boys' Club to erect a building in the east end exclusively for boys' work. Lord Strathcona has given a contribution for the purpose.—Tenders close to-morrow (Thursday) at the city hall for construction of asphalt pavement on Queen street from the Don river to the G. T. R. crossing.—On May 31st a by-law will be submitted to the ratepayers to raise \$278,242.65 for waterworks improvements, including \$150,000 for a 50,000,000 gallon engine and boilers at the main pumping station, \$87,500 for a steel pipe from the shore crib to the island basin, and \$45,000 to concrete the reservoir. A by-law to provide \$33,500 for exhibition improvements will be submitted at same time.—Gounlock & Barker, architects, are preparing plans and will take tenders in about two weeks for a large warehouse on King street for the Toronto Lithographing Co.—Bond & Smith, architects, 160 Bay street, are preparing plans for a pair of houses east of the Don and for a residence in Moncton, N.B.—E. J. Lennox has plans ready for alterations to a building on Bay street and for a residence

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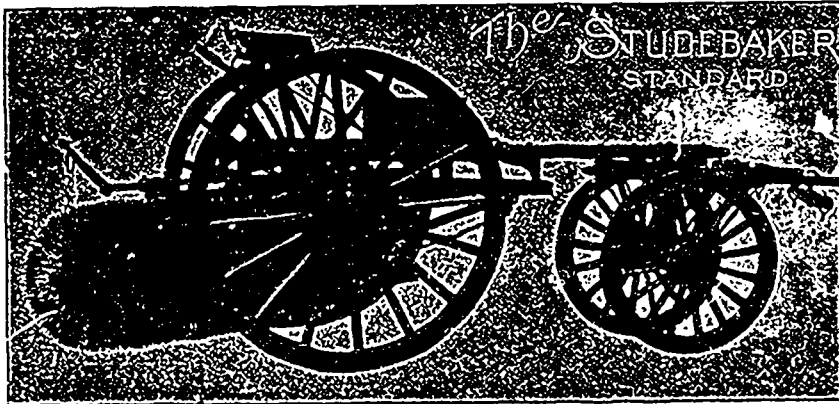
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in the east end.—The city engineer has recommended the purchase of a pumping plant for the Indian Road district to cost \$5,000, and a system of sewers to cost \$10,488. Following additional works are recommended: Cedar block pavement on King street, Sherbourne to Berkeley, cost \$4,000; King street, Berkeley to River, cost \$17,935; Clifford street, Strachan avenue to Stafford, cost \$1,580; Pearson avenue to Sorauen, cost \$2,905; Marion street, Roncesvalles avenue to east end of street, cost \$3,900; Huron street, St. Patrick to Baldwin, cost \$4,230; Stafford street, King to Clifford street, cost \$3,400; Dufferin street, King to Queen, cost \$4,190; macadam on Cawthra square, Jarvis street to west end, cost \$1,500; Brooklyn avenue, Queen to Dagnair avenue, cost \$4,445; George street, Queen to Gerrard, cost \$14,940; asphalt on Simcoe street, Queen to Caer Howell, cost \$17,730; Huron street, from Cecil to Baldwin, cost \$3,990; Farley avenue, from Tecumseth to Niagara, cost \$7,230; Elm avenue, Sherbourne to Glen road, cost \$8,609; Roncesvalles avenue, Queen to Boustead, cost \$57,290; concrete sidewalks on Brunswick avenue, west side, 9 feet from point 64½ feet south Queen, \$146; Isabella street, north side, Yonge to Church street, \$1,013; brick on Queen street, north side, from point 46 feet east of Dundas street to Bellwoods avenue, cost \$4,880.

**CONTRACTS AWARDED.**

**KINGSVILLE, ONT.**—School building: D. H. McCay, contractor, price \$3,079.  
**LEAMINGTON, ONT.**—Residence for John Conover: Link & Roach, contractors.  
**PALMERSTON, ONT.**—Laying granolithic sidewalks: Mr. Lloyd, successful tenderer.  
**HULL, QUE.**—Residence and office building for Mr. Labelle: Christie Lynott, contractor.

**DRESDEN, ONT.**—Electric light power

house: Dader & Westmoor, of Chatham, contractors.

**WINNIPEG, MAN.**—Addition and alterations to exhibition buildings: J. McLeod, successful tenderer.

**ORILLIA, ONT.**—\$500 collegiate institute debentures: O'Hara & Co., of Toronto, successful tenderers, at \$2,142.

**PEMBROKE, ONT.**—M. Gorman, architect, has let the contract for addition to hospital, owned by N. Z. Loraine, to W. Featty.

**HANOVER, ONT.**—H. Prast has secured contract to build factory and warerooms for Knechtel Furniture Co., and factory 50 x 200 feet for S. Knechtel, of Southampton.

**BROCKVILLE, ONT.**—The James Smart Mfg. Co. have recently shipped a carload of "Kelsey" warm air generators to New Westminster, B.C. Three of the larger ones are to be installed in the new city hall building now under construction in that city.

**TRURO, N. S.**—The Town Council have accepted the following tenders: Laying water pipe, T. A. McLean, Charlottetown; 400 barrels portland cement, Stairs, Son & Morrow; service boxes for house connec-

tions, RoLo Hannan and McDonald, at \$1.50 each.

**AMHERSTBURG, ONT.**—The contract for rebuilding the electric light plant for the Amherstburg Electric Light, Heat & Power Co. has been let to the Warren Electric Mfg. Co., of Sandusky, Ohio. Jas. Wilderspin has the sub-contract for power house.

**WINDSOR, ONT.** Stone sidewalks: Art Stone Walk Co., of Detroit, successful tenderers, at 9 cents per square foot for 6,000 feet. The Cadwell Silex Co., of Windsor, and P. L. Marden, of London, tendered at 9½ cents, and Tobin & Co., of Jackson, Mich., at 10¼ cents per foot.

**GUELPH, ONT.**—Water works supplies: Water pipe, Gartshore-Thompson Pipe & Foundry Co., Hamilton, \$31 per ton; galvanized iron and pig lead, J. M. Bond & Co.; hydrants, Canada Foundry Co., Toronto, \$30 each; repairing waterworks engine, Smart-Eby Co., Hamilton.

**PETERBOROUGH, ONT.**—Gouinlock & Baker, architects, Toronto, have accepted the following tenders for additions to Canadian General Electric Co.'s works in this town: Masonry and brick work.



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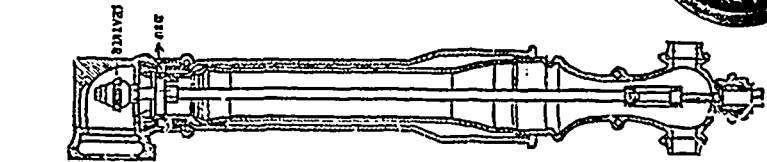
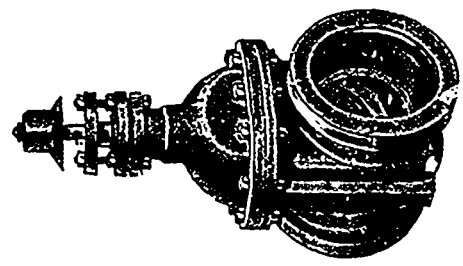
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Oakley & Holmes, carpentry, Brown & Cooper; steel work, Hamilton Bridge Co., galvanized iron and metal roof, W. E. Dillon; painting and glazing, Charles Davies & Co.; plumbing and heating r. let.

TORONTO, ONT.—J. F. Brown, architect, has let the contract for a cottage at Kew Beach, for Mr. Gunn, to Walter Davidson. —Gouinlock & Baker, architects, have given the contract to Oakley & Holmes for the foundation of the Toronto Lithographing Co.'s works on King street. Same architects have accepted the following tenders for residence on Avenue road. Masonry, Mark & Son, carpentry, S. R. Alexander; plumbing, Keith & Fitzsimmons; painting, McCausland & Son; tin-smithing, W. E. Dillon. —The contract for plaster work for the new hotel in Muskoka, for the Muskoka Navigation Co., has been let to J. M. Gander, and the plumbing to Purdy, Mausell & Co.

### DOMINION SUPPLEMENTARY ESTIMATES.

The supplementary estimates for the next fiscal year were submitted to Parliament last week. The total to be voted is \$8,369,241, making with the estimates already passed \$58,768,064. The following items are included. London, drill hall and armoury \$18,000; Sarnia, public building, \$12,000; Toronto Junction, public building, (revote) \$5,000; Woodstock, post office, \$12,000; Paris, public building, \$21,000; Strathroy, public building improvements, \$2,350; Windsor, drill hall, \$6,000; Sault Ste. Marie, public building, \$10,000; Ottawa, public building, steel drawers and rollers, shelves, \$25,000; Kingston, additional buildings, \$16,000; Kingston, post office, \$1,100; St. Thomas, drill hall, \$7,000; Ottawa, Majors Hill park, etc., \$1,500; lighting Senate chamber, etc., \$8,000; Toronto, Dominion buildings, \$3,500; Prescott, public building, \$2,000; Toronto, Customs House, paving, \$6,000; Windsor, public building, \$5,000; London, post office, \$4,000; London, Customs

House, \$2,100; Rideau Hall out buildings \$4,500; Hamilton, public buildings, \$2,800; Ottawa, public buildings, \$1,300; Guelph, public building, \$2,000; Niagara Falls, public building, \$1,300; Clinton, post office, \$5,000; Cobourg, armoury, \$10,000; Kingston, stable for F. B., \$5,000; Ottawa, post office, stone porch, \$900; Barrie, public wharfs \$3,000; Bronte, harbour, \$7,000; Bruce Mines, wharf, \$8,500; Burlington, channel, \$45,000; Depot Harbor, breakwater, \$75,000; Indian River, dredging, \$2,000; Kincardine, harbor \$9,000; Kingsville, wharf and breakwater, (revote \$5,000) \$20,000; Lancaster, wharf, \$1,500; Leamington, pier, \$10,000; Owen Sound, harbor, \$20,000; Point Pelee Island, wharf, \$400; Port Elgin, dredging, \$3,500; River Ottawa, channel at Petewawa, \$7,000; Sault Ste Marie, harbor, \$25,000; Southampton, harbor, \$10,000; Sydenham River, dredging \$5,000; Toronto harbor, works at eastern entrance, etc., \$10,000; Toronto, harbor, diversior of River Don and dredging in the harbor, \$25,000; Warton, landing pier, \$10,000; St. Lawrence, channel at Wolfe Island, \$10,000; Port Burwell, harbor, \$27,000; St. Joseph, Lake Huron, wharf, \$5,000; Goderich, harbor, \$27,000; Port Stanley, dredging, \$2,000; Summerstown wharf, renewals and repairs, \$800; Trenton, channel to C. O. R. dock, etc., (additional) \$5,000; Sturgeon Point, wharves \$500; Pickering, harbor, \$4,000; Oakville, repairs to east pier, etc., \$6,000; Midland, further dredging, \$10,000; Bayfield, extension southern pier, \$5,500; Elind river, wharf, \$2,500; North Bay, repairs to wharf, \$500; Wendover, wharf, \$6,500; Presque Ile, wharf and repairs, \$5,000; Harwood, wharf,

\$500; Robbins Landing, wharf, \$1,000; Thames, dredging, Chatham to Lake St. Clair, \$8,000; Wabigoon, wharf, \$3,300; Saugeen river, breakwater, \$1,600; Calendar, repairs to wharf, \$2,000; Bowmanville, harbor, \$5,000; Grand Bend, breakwater, pier, \$5,700; Penetanguishene, dredging, \$10,000; Spanish river, dredging, \$10,000; Amherstburg, dredging, \$5,000; Welland Canal, improvements at Port Colborne, \$300,000; to deepen portion of long level, \$30,000; to lower mure sills of entrance lock, Port Colborne, \$15,000; to deepen from Port Colborne to Humberstone, \$85,000; drawbridge at Dunnville, \$43,000; Galops canal, enlargement, \$90,000; North channel, forming a dam, etc., \$45,000; Lachine canal, towards building new lock, \$500,000; building slope walls, dredging pontoon gate, power house enlargement, \$86,000; installation of electric light, \$50,000; Parliament buildings, improvements, \$35,000; to authorize the commencement of construction of the Victoria Memorial Museum, \$50,000; Ottawa military buildings, fittings, hoist, etc., for new store, \$16,000.

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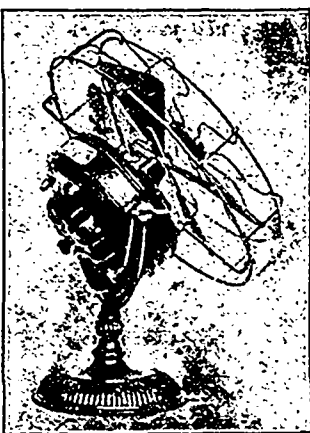
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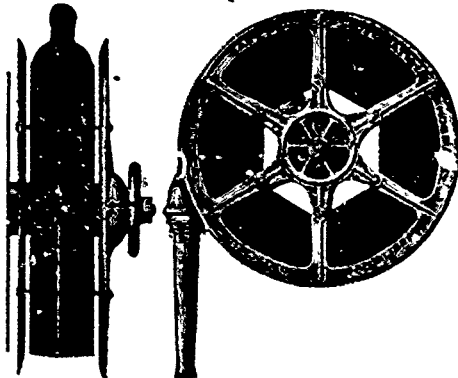
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## MUNICIPAL DEPARTMENT

### MUNICIPAL BOOK-KEEPING.

J. B. Laing, Provincial Municipal Auditor, in his report for 1900 says: "The average township treasurer does not like a bank account. There are some notable exceptions, of course, but as a rule he is reluctant to deposit and cheque out. He would rather pay the cash. In some of the back townships no other course is open to him, but one would suppose when a county town with perhaps three or four chartered bank offices in it, is only ten or twelve miles away, that it would be mere convenient for all parties, but not so, there is no point which is more contended against than this bank account question. Some time ago I was at a township treasurer's place. His books were all right and a credit to him. In counting his cash I found he had nearly \$4,000 on hand. I urged him to deposit this in one of the chartered banks in his county town. Of course I could not insist, I could only recommend, but it was of no use. He had no safe and the money was kept in a closet in the house. Supposing the house was burned down or burglarized, it was a dead loss to him, and he knew it. There was nothing against the farm, he said, and he could pay \$5,000 if required any day. Nothing has ever occurred, and it is hoped never will, but the risk is too much for a man only getting a small salary. Only last month I was at a treasurer's office in a Midland county township. No bank account as usual. The treasurer said the people would not stand the inconvenience of cheques, no use to try them. I happened to notice a large cheese factory on the road as I passed. How do the factory people do? Oh, he replied, they always pay by cheque, but then you see they won't do their business any other way. Another class of treasurer likes to carry the money about with him. I knew a most worthy man who was seldom without the municipality's money in his possession. I often spoke about the risk, but he could never see it. He had done it all his life. One day not long ago he was short in his

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cash some \$1,000 or \$1,200. He paid it out of his own pocket, for he was a well-off man, but he never knew how it occurred. The only reasonable theory that I ever heard about its disappearance was that he was robbed. It appears that he used to take a short nap sometimes in the afternoon, and the theory given was that while he was asleep some one relieved him of some of his wealth. However, no one but he and his family were the losers. There is no doubt that municipal book-keeping will be much simplified when the corporations interested insist on bank accounts being kept in nearly all cases.

### LONGEST HIGHWAY DRAW-BRIDGE.

There has been completed across the Connecticut river at Middletown, Conn., what is said to be the longest highway drawbridge in the world. It is 1,300 feet long, with a 26 foot roadway and provision for two 6 foot side-walks, and consists of two fixed spans of 200 feet, two of 225 feet, and a draw span of 450 feet. The bridge floor is designed to carry a live load of 100 pounds per square foot, 14-ton electric cars, or a 10-ton wagon. The draw, in the centre, is operated by three 24 h. p. electric motors of the railway type, one for turning and the others for blocking up the ends. Besides these there is a fourth motor and a duplicate set of turning machinery, all in place, which can be used in case of unbalanced wind pressure or a

break in the other machinery. Power is taken from the Middletown street wires and a cable is laid on the river bottom and brought up on the center pier.

The engineer of this interesting piece of construction was Mr. H. G. Tyrrell, C. E., of Boston, who is known to many in Toronto, where he attended college when a boy.

### PAVEMENTS OF GLASS.

The city of Paris, France, is experimenting with glass paving material. A section of the Rue du Havre has been laid with it as a test. It is pure glass, subjected to a process called devitrification. The result is a hard, smooth, opaque, non-porous substance, which does not retain damp or odors. It possesses remarkable resistance. The inventors claim that it combines the solidity of granite with the smoothness of asphalt. It is not affected by heat or cold. It, however, is expensive, costing from nine to twelve francs per square meter. Another drawback is its extreme resonance.

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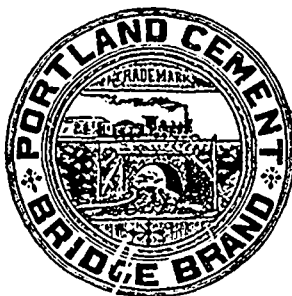
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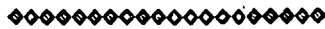
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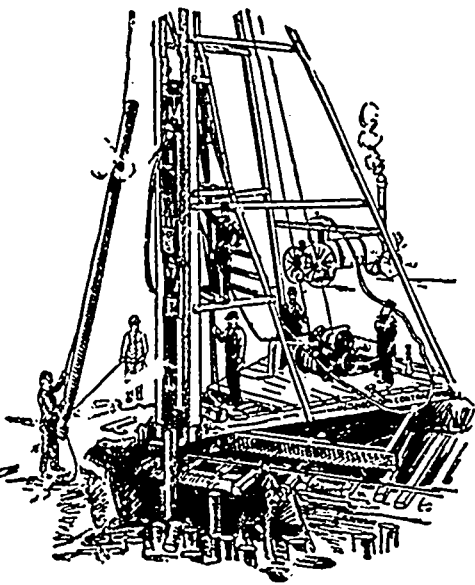
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Table listing various categories of advertisements such as Architects, Contractors' Plant and Machinery, Cement, Roofers, etc., with corresponding page numbers.

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Prices of Building Materials.

PRESSED BRICK, Per M.

Table listing prices for pressed bricks from Milton Pressed Brick and Sewer Pipe Co. in Montreal.

Table listing prices for pressed bricks and terra cotta works from Toronto Pressed Brick and Terra Cotta Works.

Table listing prices for pressed bricks and terra cotta works from Beamsville Brick and Terra Cotta Co.

Table listing prices for building materials from Beamsville, Montreal, including Peerless bricks and various stone types.

Table listing prices for building materials from Toronto, Montreal, including common rubble, granite, and various stone types.

Table listing prices for building materials from Credit Valley Stone, including rubble, brown coursing, and slate.

Table listing prices for building materials from Toronto, Montreal, including purple and jing green tiles.

Table listing prices for cement and lime, including various brands of Portland Cement and Keene's Cement.

Table listing prices for architectural varnishes from The Imperial Varnish and Oil Co., Limited, including exterior and interior finishes.