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# CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL  
OF THE PUBLIC WORKS 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.*

Vol. 11. APRIL 25, 1900 No. 13

**THE CANADIAN CONTRACT RECORD,**  
PUBLISHED EVERY WEDNESDAY  
As an Intermediate Edition of the "Canadian Architect and Builder."  
*Description price of "Canadian Architect and Builder" (including "Canadian Contract Record"), \$2 per annum, payable in advance.*  
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Advertising Rates on application.  
*Information solicited from any part of the Dominion regarding contracts open for tender.*

*Subscribers who may change their address should give prompt notice of same. In doing so, give both old and new address. Notify the publishers of any irregularity in delivery of paper.*

## TENDERS WANTED

Tenders are wanted for furnishing and erecting  
**Two Compound Condensing Steam Engines**  
of sixty horse power each, with two boilers and all fittings, for driving pumps at Water Station. For further information write  
**HIRAM GOUDEY,**  
Town Clerk,  
Yarmouth, N. S., April 17th, 1900.

## TENDERS FOR Crematory

Sealed proposals for a Refuse Crematory for the City of Winnipeg, addressed to the Chairman, Market, Licence and Health Committee and marked "Tenders for Crematory," will be received at the office of the undersigned up to 8.30 p.m. on  
**Tuesday, May 16, 1900.**

The present population of Winnipeg is 5,000. The approximate quantities of refuse to be disposed per annum are as follows:

Paper, Straw, Boxes, etc.,	Cubic yds.	3,000
Household refuse, etc.	"	10,000
Night Soil	"	2,000
Manure	"	3,000
Animals	"	100

Contractors are to guarantee their Crematory to dispose of the above quantities without creating a nuisance, and without offensive smoke. The Crematory is to be so designed that it may be added to as the requirements increase. Contractors may state price at which they will erect a crematory complete and hand it over to the City, or price which they would charge for full working plans and all patented rights to use the Crematory.  
Proposals are to be accompanied by cash, draft or accepted cheque for the sum of \$200.00, which will be forfeited in case of failure on the part of contractor to enter into a written agreement in the terms of his proposal within one (1) week from date of notice of acceptance.  
Any further information may be obtained from H. N. Rutan, City Engineer, Winnipeg.  
The City reserves the right to reject any or all tenders or to accept any one which appears advantageous to the City of Winnipeg.  
**C. J. BROWN,**  
City Clerk.  
City Clerks Office,  
Winnipeg, Canada, April 12, 1900.

## HORSE ROAD ROLLER FOR SALE

The Corporation of Ingersoll have a HORSE ROAD ROLLER for sale, made by the Aultman Company, of Canton, Ohio. weight, 5 tons, with capacity of being weighted to 7 ton. modern make, in first class order, been used but very little. Address the undersigned  
**W. R. SMITH,** Town Clerk

## Tenders Wanted

Tenders will be received by the undersigned up to 12 o'clock, noon, on **MONDAY, APRIL 30TH**, for the erection of a  
**House in Rosedale and Alterations to a House in Avenue Road.**  
The lowest or any tender not necessarily accepted.  
**S. G. CURRY,** Architect,  
93 Yonge Street, Toronto.

## Tenders Wanted

FOR THE CONSTRUCTION OF A 60 FOOT SPAN  
**IRON BRIDGE**  
AT  
**Finch Village**

Sealed tenders, addressed to **JOHN A. COCKBURN,** Clerk of Finch Township, Crysler, Ont., will be received up to the hour of 8 o'clock p.m. on the **4TH DAY OF MAY, NEXT**, for the  
1st. Construction of Concrete Piers (10 yards).  
2nd. Material and Erection of Iron Superstructure  
3rd. For both 1 and 2.  
Plans and specifications may be seen at the office of **T. H. Wiggins,** Engineer, Cornwall, Ont., at the office of **F. E. McNaughton,** Finch, Ont., and the office of **J. A. Cockburn,** Crysler, Ont., after the 24th inst 10 per cent. of bid must accompany tender. No tender necessarily accepted.

## Tenders for the SUPPLY OF ASPHALT

Sealed tenders, addressed to the Chairman, Committee on Works, Winnipeg, for the delivery to the City of Winnipeg of from 1,000 to 200 tons of Asphalt for Street Paving, will be received at the office of the undersigned up to 8.30 p.m. on  
**Wednesday, May 2nd, 1900**

Specifications and forms of tender may be obtained from **H. N. Rutan,** City Engineer, Winnipeg.  
Samples of the Asphalt about one (1) lb. in weight, and an analysis of the asphalt must accompany each tender.  
The Asphalt is to be delivered within three weeks of the date of notification of the acceptance of tender.  
The price stated is to be f.o.b. cars on the railway at the City Asphalt Works, Winnipeg.  
Each tender must be accompanied by an accepted cheque or draft for the sum of \$200, 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.  
The city reserves the right to reject any or all tenders or to accept any one which appears advantageous to the City of Winnipeg.  
**C. J. BROWN,**  
City Clerk.  
City Clerk's Office,  
Winnipeg, Canada, April 16, 1900.

## DEBENTURES FOR SALE

Tenders will be received by the undersigned up to **MONDAY, THE SEVENTH DAY OF MAY, 1900**, at 7 o'clock p.m. for the purchase of the following Local Improvement Debentures of the Town of Waterloo.  
(A) Cement Sidewalk Debentures for \$1,000 of, payable in twenty annual instalments. Int. est. 4 per cent.  
(B) Sewer Debentures for \$1,000, payable in Thirty annual instalments. Interest, 4 per cent.  
Tenders to be marked "Tender for Local Improvement Debentures," and addressed to the undersigned. The highest or no other tender necessarily accepted.  
**GEORGE MOORE,**  
Chairman Finance Committee, Waterloo, Ont.  
Waterloo, Ont., April 18th, 1900.

## TO MANUFACTURERS OF Waterworks Pumping Machinery and Steam Road Roller

The Town of Sabherry of Valleyfield, having the intention to extend its waterworks power by adding a new pump, invites the firms manufacturing pumping machinery to give their addresses, with some particulars as to the dimensions, weight, quality, price, etc., and also the delay required after the order up to the delivery of a pump in Valleyfield, by cars or boat, f.o.b.  
The manufacturers of Steam Road Rollers are invited in the same manner.  
**C. A. LAVIMODIERE,** Sec. Treas.

## To Contractors

SEALED TENDERS, addressed to the undersigned, will be received until noon on **SATURDAY, the 28TH INST.**, for building concrete abutments for two bridges to be built on Kettle Creek near Port Stanley. Plans and specifications can be seen at the office of the undersigned. A deposit of \$500 must accompany each tender as a guarantee that the successful tenderer will enter into a proper agreement to complete the work. The Council does not bind itself to accept the lowest or any tender.  
**JAS. A. BELL,** County Engineer,  
St Thomas.

## Corporation OF THE CITY OF THREE RIVERS

Sealed tenders addressed to the undersigned, and endorsed "Tender for Masonry, St Maurice Bridge," will be received at this office until  
**THURSDAY, THE 10TH MAY, 1900,**  
for the masonry, etc., required in connection with the projected iron bridge over the St. Maurice river, in the City of Three Rivers, according to plans and a specification to be seen at the office of the undersigned.  
Tenders will not be received unless made on the forms supplied and signed with the actual signatures of tenderers.  
An accepted bank cheque, payable to the order of the Secretary Treasurer of the Corporation of the City of Three Rivers, for one thousand dollars (\$1,000), must accompany each tender. The cheque will be forfeited if the party decline the contract or fail to complete the work contracted for, and will be returned in case of non-acceptance of tender.  
The Corporation does not bind itself to accept the lowest or any tender.  
By order,  
**L. T. DESAULNIERS,**  
Secretary-Treasurer.  
City Hall, Three Rivers, Que., 12th April, 1900.]



## Notice to Contractors

### TENDERS FOR BRICK AND CEMENT

Tenders will be received, by registered post only, addressed to the Chairman of the Board of Control, City Hall, Toronto, up to noon on

Thursday, May 3rd, 1900,

for the annual supply of brick and cement required by the Department of Works and Waterworks during the year ending May 31st, 1901.

Contents of envelopes containing tenders must be plainly marked on outside.

Specifications may be seen and forms of tender obtained at the office of the City Engineer, Toronto.

A deposit, in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 2½ per cent. on the value of the work tendered for, must accompany each tender, otherwise they will not be entertained.

Tenders must bear the bona fide signatures of the contractor and his sureties, or they will be ruled out as informal.

Lowest or any tender not necessarily accepted.

E. A. MACDONALD (Mayor),  
Chairman Board of Control.

City Hall, Toronto, April 23rd, 1900.



### TENDERS FOR

## Pavements, Roadways and Sidewalks

Tenders will be received, by registered post only, addressed to the Chairman of the Board of Control, City Hall, Toronto, up to noon on THURSDAY, MAY 3rd, 1900, for the following works.

#### ASPHALT PAVEMENTS:

Glen Road, from Howard Street to the bridge.  
Boswell Avenue, from Avenue Road to Bedford Road.  
Brunswick Avenue, from Bloor Street to Wells Street.

#### CEDAR BLOCK PAVEMENTS:

Argyle Street, from Dundas Street to Shaw Street.  
Dovercourt Road, from Dundas Street to Churchill Avenue.  
Borden Street, from Ulster Street to Bloor Street.  
Trinity Street, from King Street to Mill Street

#### MACADAM ROADS:

Woolsley Street, from Esther Street to Bathurst Street.  
Grange Road, from Beverley Street to McCaul Street.

#### BRICK PAVEMENT:

Lombard Street, from Victoria Street to Church Street.

#### CONCRETE SIDEWALKS:

Yonge Street, east side, from Alexander Street to Matland Street.  
Bay Street, east side, from Temperance Street to Queen Street.  
Tyndall Avenue, east side, from 354 feet south of King Street to 456 feet further south.  
Lowther Avenue, north side, from Admiral Road to St. George Street.  
Queen's Park Crescent, north side, east limit Drynan's property to 183 feet east.  
Queen's Park Crescent, east side, from 131 feet 6 in. north of St. Alban's Street to 99 feet 6 in. further north.  
St. George Street, west side, from Russell Street to Wilcox Street.  
Spadina Road, both sides, from Bloor Street to Lowther Avenue.  
Boswell Avenue, both sides, from Avenue Road to Bedford Road.

#### WOODEN CURBING:

Seaton Street, west side, from Queen Street to Wilton Avenue.

Contents of envelopes containing tenders must be plainly marked on the outside.

Specifications may be seen and forms of tender obtained at the office of the City Engineer, on and after Wednesday, 25th April, 1900.

A deposit, in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 2½ per cent. on the value of the work tendered for, must accompany each and every tender, otherwise they will not be entertained.

Tenders must bear the bona fide signatures of the contractor and his sureties, otherwise they will be ruled out as informal.

Lowest or any tender not necessarily accepted.

E. A. MACDONALD (Mayor),  
Chairman Board of Control.

City Hall, Toronto, 20th April, 1900.

C. Vezina, plumber, of Quebec, is reported to have been served with a demand of assignment.

## MUNICIPAL DEBENTURES FOR SALE

Local Improvement Debentures of the Town of Harrison, guaranteed by the town, are offered for sale by tender. Amount, \$9,306.97, payable in 20 equal annual instalments of \$691.46, each payable on January 2nd in each year, at Standard Bank, Harrison. First instalment payable on January 2nd, 1901. As instalments include interest from January 2nd, 1900, the successful tenderer must pay, in addition to amount of tender, interest at 4 per cent. on \$9,306.97 from January 2nd, 1900, to day of payment of purchase money. Amount of tender and above mentioned added interest payable at Standard Bank, Harrison, where debentures will be delivered. No tender necessarily accepted. Tenders will be opened on the 10th DAY OF MAY, 1900, and must be sent to the undersigned. Dated this 23rd day of April, 1900.

W. D. EBBELS, Town Treasurer,  
Harrison, Ont.

### REMOVAL NOTICE.

After May 1st the Montreal office of this publication will be removed to larger quarters in the Imperial Building, 107 James street. Customers will always find the office open during business hours, and visitors in Montreal are extended a cordial invitation to call at the office, where they will be given every possible assistance and furnished with requisites for answering correspondence. The telephone number is Main 2299.

### CONTRACTS OPEN.

LINDSAY, ONT.—Dr. White is about to erect a residence.

WHEATLEY, ONT.—A residence will be built by Mrs. J. Rambo.

NELSON, B. C.—Cecil Ward purposes building a new residence.

NEWCASTLE, N. B.—John Morrissy will likely erect a new building.

MAGOG, QUE.—A. Q. Reide intends building a large livery stable.

TORONTO JUNCTION, ONT.—Jackson Reid intends building a new residence.

WALLACEBURG, ONT.—An automatic fire alarm bell will be purchased by the council.

BOBCAYGEON, ONT.—The Presbyterians have decided on a site for new church.

VICTORIA HARBOR, ONT.—Tenders will be invited at once for building a lock-up.

ST. MARYS, ONT.—Plans will be prepared at once for addition to Methodist parsonage.

PARRY SOUND, ONT.—The Parry Sound Lumber Co. are preparing to build a new tug.

BEAVERTON, ONT.—This town is endeavoring to secure the proposed Odd-fellows' Home.

BRACEBRIDGE, ONT.—A site has been purchased on which Herbert Slater will build a residence.

NANAIMO, B. C.—James Kelly, architect, has taken tenders on alterations to Nanaimo hospital.

ST. ANSELME, QUE.—The Quebec Central railway bridge was carried away by a flood last week.

PETROLIA, ONT.—On April 30th the ratepayers will vote on a by-law to raise \$18,000 by debentures.

NEWBORO, ONT.—The Newboro Ganning Company have just taken tenders on erection of new building.

MIAMI, MAN.—The Union Mining Co. has been formed here, to engage in the manufacture of cement.

DUNDAS, ONT.—The laying of granolithic sidewalks on King street will be commenced early in May.

PORT HOPE, ONT.—The town bill to raise money for waterworks purposes has passed the Ontario legislature.

ELMVALE, ONT.—The council has appointed a committee to take steps to complete the Marl Lake drainage work.

WALKERTON, ONT.—The ratepayers are taking steps to secure the erection of a hospital. W. S. Gould is interested.

BRANTFORD, ONT.—The city engineer has submitted a report to the council outlining the required flood protection works,

GRAND FORKS, B. C.—A local company is being formed for the purpose of drilling a three-mile tunnel through Hardy mountain.

MURRAY BAY, QUE.—The Labrador Electric and Pulp Co. is proceeding with its works with a view to supplying electric light.

GREENWOOD, B. C.—Andrew Laird and three others have bonded the Moren claim, and it is said they will build a smelter.

HINTONBURG, ONT.—The council will ask the ratepayers to raise \$20,000 by debentures to complete the waterworks system.

ALMONTE, ONT.—James Caskey wants tenders by 28th inst. for purchase of \$11,500 of township of Ramsay 4 per cent. debentures.

PENETANGUSHENE, ONT.—Dominion government engineers have been making surveys of the harbor here with a view to improvements.

BELLEVILLE, ONT.—The A. T. Wood Co., of Hamilton, will probably establish a factory here for the manufacture of bent wood articles.

HESPELER, ONT.—James Sault will build a new brick barn.—The R. Forbes Co. have laid out a site for their proposed brick wool barn.

COBOURG, ONT.—The Ontario government architect will shortly prepare plans for alterations to the old Victoria college buildings here.

RAT PORTAGE, ONT.—The council has given the town engineer instructions to proceed with the drainage of the park site on East Fort street.

WELLAND, ONT.—No tenders were received for the construction of sewer on Helles avenue, and the work will likely be done by day labor.

CANNINGTON, ONT.—A committee of the council has recommended that an electrical engineer be engaged to value the electric light plant.

LEAMINGTON, ONT.—A site has been selected for the proposed four room school. The sum of \$9,000 for the purpose will likely be raised by debentures.

GODERICH, ONT.—The council has given notice of its intention to construct artificial sidewalks to cost about \$12,000. William Mitchell is town clerk.

BRANDON, MAN.—Smith & Burton, grocers, have leased a portion of the Macdonald block and intend remodelling it and putting in metal ceilings.

MIDLAND, ONT.—Geo. Lamb is excavating for a new residence.—It is possible that a line of railway will be built connecting this town with Penetanguishene.

BATHURST, N. B.—B. C. Mullins invites tenders up to May 15th for erection of court house, jail, etc., at this place. Plans by R. C. John Dunn, architect, St. John.

SUNDERLAND, ONT.—The Sunderland Electric Power Co. has been incorporated, to supply light and power. James McDermott and Henry Baldwin are directors.

SARNIA, ONT.—Dr. Westdell has prepared plans for remodelling the Belchamber hotel, the improvements to include new plate glass front and new lavatories.

BEACHVILLE, ONT.—The council of West Oxford wants tenders by May 1st for construction of Sweaborg dam. Plans at office of F. J. Ure, municipal clerk, Woodstock.

MATTAWA, ONT.—The Blanche River Pulp and Paper Co., backed by a New York syndicate, will erect a pulp mill here. E. W. Langley, of Toronto, is one of the promoters.

BRUSSELS, ONT.—The Grey Branch Agricultural Society will build a new exhibition hall, brick, with concrete floor.—The Methodist congregation purpose erecting a parsonage.

STANBRIDGE, QUE.—It is said that American capitalists, in conjunction with J. E. Askwith and James Tower, of

OTTAWA, will establish a large factory here for the manufacture of beet sugar.

CAMBRIDGE, ONT.—J.L. Wilson & Sons, architects, want tenders by 7 p.m. to-day for erection of brick house at Thamesville for Dr. R. N. Fraser.—The council will immediately invite tenders for granolithic walks.

CAMBRIDGE, ONT.—Shurly & Dietrich have taken tenders on mason work of proposed new offices.—The council will likely be asked to sanction a debenture by law for about \$8,000 for waterworks improvements.

YARMOUTH, N.S.—Tenders for supply of two compound condensing steam engines, with boilers and fittings, and for erection of brick boiler and coal shed and chimney, are invited by the town up to May 8th.

ST. CATHARINES, ONT.—The Board of Education have asked for a new Collegiate Institute building.—On Thursday of this week a by-law will be voted on to grant a bonus of \$40,000 and a free site for a beet sugar factory.

LETETE, N.B.—The Marine Telephone Company is seeking incorporation, to build a telephone line between St. George, Back Bay, Fair Haven, and other points. David Kelley and Stephen Dick, of this place, are interested.

DESERONTO, ONT.—The railway committee of the Dominion Government has passed a bill giving to the Thousand Island Railway Co. the power to generate electricity and engage in mining. The Rathbun Co. are interested.

TRURO, N. S.—The plans of Lea & Coffin for a sewerage system for the town, to be constructed this year, have been accepted.—The municipal council of Colchester will probably install new boilers for the registry office and jail.

VANCOUVER, B.C.—The council proposes to raise \$12,000 by debentures for purchase of cemetery site and \$80,000 for construction of school buildings.—J. W. Mallory, architect, has taken tenders for erection of four houses on Bute street.

ST. ANDREWS, N. B.—Holt & Robertson are preparing plans for proposed larrigan factory.—D. C. Rollins will erect a two-storey dwelling.—The school trustees have decided to introduce a new system of heating and improved sanitary arrangements.

KINGSTON, ONT.—Power & Son, architects, want tenders by noon to-day for erection of residence on King street.—The Board of Education is having specifications prepared for school supplies.—The city and county councils will ask the Dominion Government to assist in building a subway at the G.T.R. station.

COLLINGWOOD, ONT.—Plans have been completed of the proposed buildings of the Steel Ship Co. At the beginning three buildings, a punch shop, moulding loft, furnace, blacksmith shop and office will be erected. Although the buildings will be frame, a considerable quantity of brick will be used in the construction of the furnaces.

GUELPH, ONT.—It is expected that the G.T.R. will build a new station here.—G. J. Thorp, chairman markets committee, desires bids by 27th inst. for excavation, masonry and carpentry for alterations to drill hall.—Thomas Irving is building a two storey residence.—The Raymond Co. contemplate erecting a main building, 220 x 40 feet, together with smaller buildings to be used as japanning rooms, tinning rooms, etc.

OTTAWA, ONT.—The authorities of Grace church will likely build a residence for the rector.—Liberal subscriptions have been received for the proposed Irish Society building on Maria street.—The Board of Health will endeavor to have the contagious diseases hospital erected this year.—The Canada Atlantic Railway Co. are believed to have purchased land for a right of way for independent freight terminals at the central depot.

BROCKVILLE, ONT.—The municipal council have decided to construct granolithic sidewalks as follows: Bethune street, both sides, cost \$1,660; James street, both sides, cost \$3,074; Church street, south side, between John and C.P.R. track, and north side between Beecher and C. P. R. track, cost \$2,078; King street, south side, cost \$319.—The city engineer has been instructed to get tenders on supply of tile, cement and lumber.

PORT ARTHUR, ONT.—The town will likely purchase a chemical fire engine.—Tenders have been taken for addition to St. Joseph's hospital.—The Nipegon Pulp, Paper & Manufacturing Company has been organized, to build a pulp mill here. James Whalen, this place, is interested.—The building operations already in sight for this season include five brick stores, a hospital, two hotels and several residences.—It is stated that the C. P. R. will construct another track from Fort William to Dexter.

LONDON, ONT.—It is probable that money for erection of new schools will be raised by debentures.—Tenders are asked up to to-day for erection of two-storey brick house. Plans at 493 Talbot street.—Negotiations are progressing favorably towards the erection of a new hotel and opera house. C. J. Whitney, of Detroit, is one of the interested parties. The plans have been prepared, and it is said that two suitable sites are under consideration.

WINNIPEG, MAN.—A conference of city authorities was held last week to discuss the question of road improvements. A recommendation was passed that the government appoint a commission to supervise the proposed improvements.—Building permits have been issued this year for the erection of seventy-five buildings.—H. F. Griffith, architect, is preparing plans for the completion of the Machray school, and tenders will shortly be invited.—Hugh McGowan, architect, has plans under way for alterations to the Albert school.

SMITH'S FALLS, ONT.—J. A. Ellis, architect, of Toronto, has been commissioned to prepare plans for new buildings to be built for the Frost & Wood Co. A residence will also be built for Miss Frost.—G. T. Martin, architect, wants tenders by 28th inst. for extensive alterations and repairs to Emsley Hall stables, including plumbing and hot water heating system.—Voting on the by-law to raise \$10,125 for school purposes took place on Monday last. Result not learned.—The council has decided to purchase a new street sprinkler.

VICTORIA, B. C.—J. G. Tiarks has in hand the erection of a residence on St. Charles street and a brick and stone

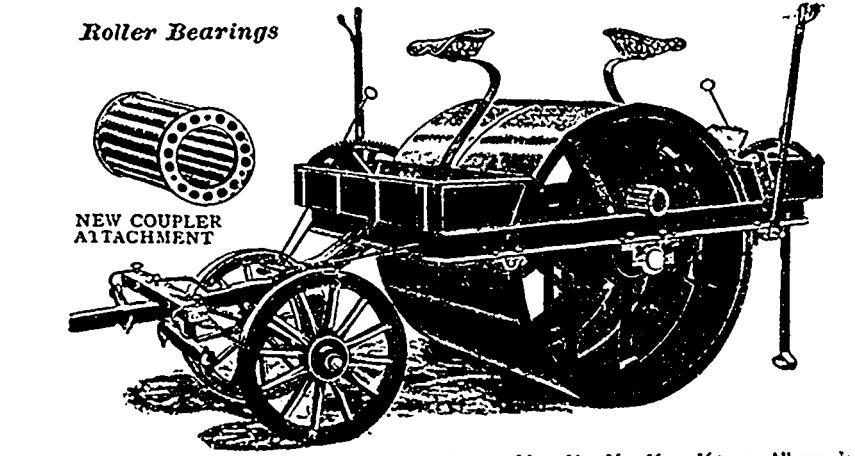
residence on Fort street.—The Hinton Electric Co. have submitted a proposition to the council to operate the pumping station by electricity, agreeing to supply the necessary plant at a cost of \$22,900.—J. W. Carey intends erecting a brick and stone building on Cormorant street.—The tenders for steam pump and boiler for waterworks station were not awarded at last council meeting.—There is a feeling that the council should proceed with the construction of permanent pavements.

QUEBEC, QUE.—The lowest tenderer for the purchase of city debentures was A. Clarke, of Toronto, but the council has appointed a committee to endeavor to sell the bonds at a higher price.—It is understood that Mr. Varney has in view the erection of a new theatre, as a representative of J. B. McElfatrick & Son, theatrical architects, of New York, was in the city recently.—Tenders for annual supplies for waterworks department, including iron and brass castings, lead pipe, cement and drain pipes, are invited by J. Gallagher up to 4 p.m. of 26th inst.—The council will probably take some steps looking to the filtration of the water supply.

HAMILTON, ONT.—The authorities of the cemetery on York street will likely lay a cement sidewalk to the Woodbine crescent, at cost of \$2,000.—A local company is being formed to manufacture brick.—The city engineer has recommended the purchase of a trenching machine.—The large brick chimney of the Hoepfner Refining Company collapsed last week; estimated loss, \$13,000.—John Patterson states that the final survey of the electric railway from Preston to Berlin is now being made.—Building permits have been granted as follows: Richard Tope, brick dwelling at Bay and Macaulay streets, for Charles Irish, cost \$1,225; Chas. Mills, one-storey brick mill for Hamilton Cotton Company, Mary street, cost \$7,000; E. B. Patterson, two-storey brick dwelling on Hughson street north, for Mrs. Hutchison, cost \$1,450; Rastrick

**CENTRAL CANADA** LOAN AND SAVINGS COMPANY  
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 John Challen, Mgr

& Son, brick residence on Main street east, for Wm. Lees, cost \$2,600.

**MONTREAL, QUE.**—The council has given notice of its intention to construct sewers on the following streets. Bassett street throughout, and the lane leading from it to St. Famille street; Guilford street, between St. Andre and Mentana streets; Mentana street, between Bienville street and Guilford street.—The trustees of the parish of St. Paul invite bids for a loan of \$30,000. Andrew Taylor, of Taylor & Gordon, architects, has completed plans for a large addition to the Peter Redpath library of McGill university; estimated cost, \$60,000.—The annual vestry meetings of the Anglican churches were held last week, at which it was decided to make extensive repairs to the exterior of St. Stephen's church, to erect a new Sunday school building for St. Thomas' church, and to build a new edifice to replace St. Simon's church. Thomas Legget is chairman of the building committee of the latter church.

**TORONTO, ONT.**—Tenders are wanted at 31 Leonard avenue for erection of two pair of brick houses.—S. G. Curry, architect, 90 Yonge street, invites tenders up to noon of 30th inst. for erection of house in Rosedale and alterations to house on Avenue road.—Tenders close 5 p. m. Friday of this week, at office of F. H. Herber, architect, for all trades except brickwork required in erection of detached residence on St. Vincent street.—Tenders for dredging Toronto harbor are invited by the Harbor Master up to noon to-day.—Plans have been submitted to council for drainage of that portion of ward 6 lying between Ronservalles avenue and High Park.—A civic deputation had a successful interview with the Minister of Militia last week on the subject of an addition to the drill hall.—The city engineer has recommended the construction of the following works: Macadam roadways—Shuter street, Yonge to Sherbourne, cost \$10,780; Sully street, Arthur to College, cost \$5,850. Asphalt pavement—Mercer street, John to Peter, cost \$5,460. Concrete walks—Lowther avenue, north side, Avenue road to Bedford road, cost \$688; Robert street, east side, Harbor to Sussex, cost \$479. Brick walks—Sherbourne street, east side, Ancroft place to south side South Drive, cost \$579; Huntley street, west side, Bloor to Huntley street bridge, cost \$135; Wellington street, north side, Simcoe to John, cost \$743.—Building permits have been granted as follows: R. Fortune, two storey and attic stone and brick dwelling, 69 Wilson ave., cost \$2,800; Thomson Bros, pair semi-detached two storey and attic brick dwellings, 36 and 38 Rolyat street, cost \$3,000; M. A. Schwalm, two pair semi-detached two storey and attic brick dwellings, 274 Bathurst street, cost \$4,000; S. Hunter, two storey and attic brick and

stone residence, Springhurst ave., cost \$4,000 (Robt. Ogilvie, architect); J. F. Connolly, pair semi-detached two storey and attic brick and stone dwelling, southwest corner Jameson ave. and Fife street, cost \$7,500 (J. A. Harvey, architect); R. McKay, brick addition and alterations to store, 226 Yonge street, cost \$3,000.

#### ENGINEERS' CLUB OF TORONTO.

The regular meeting of the above club was held at the Rossin House on April 3rd, at which there were present: Messrs. Canniff, Cooper, Clement, Chipman, Duck, Etches, Gzowski, King, Merrill, Speight, Spry, and Van Nostrand. Owing to the absence of the President through illness, Mr. Speight was appointed chairman.

The minutes of the February meeting were read and confirmed.

After a discussion respecting rental of rooms, it was moved by Mr. King, and

seconded by Mr. Cooper, that Messrs. Speight, Chipman, and King be a committee to arrange for rental of permanent rooms at 94 King street west, with full power to act in the matter. The motion was carried.

On motion of Mr. Duck, action on the notice of motion regarding amendment to constitution, given at the previous meeting, was postponed until the first regular meeting in September. A paper on "Hot Water Circulation" was read by Mr. P. W. King, to whom a hearty vote of thanks was tendered.

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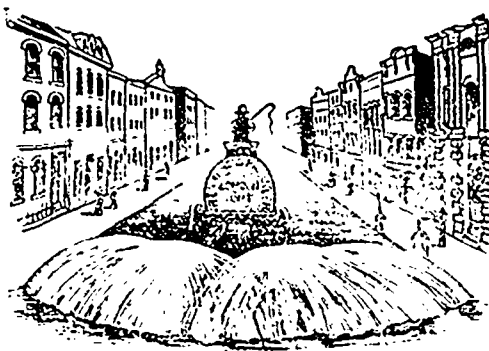
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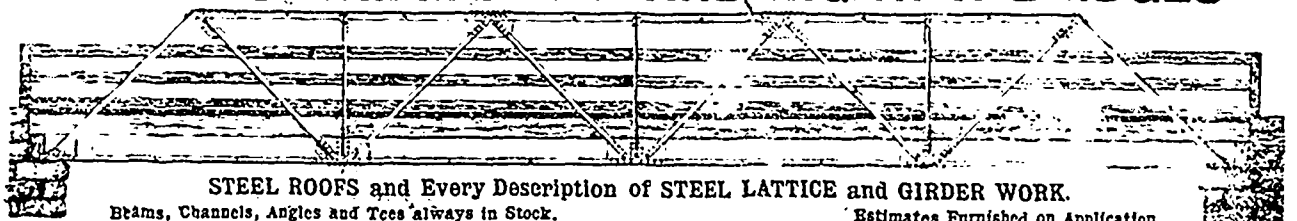
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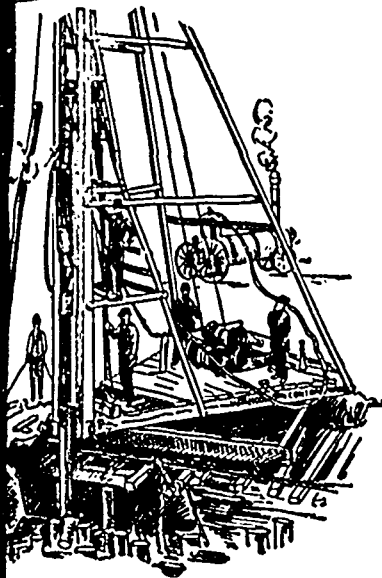


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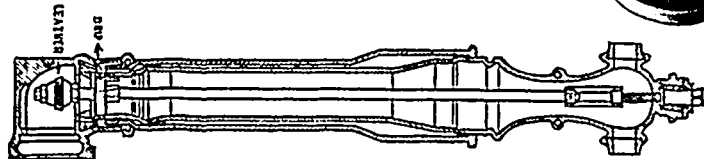
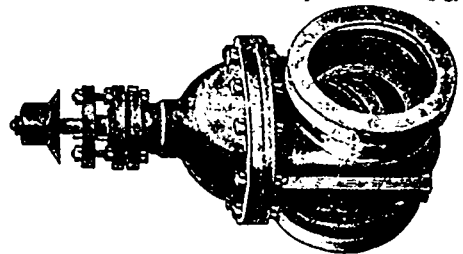
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General store of E. D. Edwards and residence of John Edwards at Franktown, Ont.; loss \$6,000.—R.C. church at Quamichan, B.C.; loss \$4,000.—Government light house on Point Pelee, Ont., totally destroyed.

## CONTRACTS AWARDED.

MIDLAND, ONT.—Addition to school: Mr. Irwin, contractor.

ASHCROFT, B. C.—Brick block for Harvey, Bailey & Co.: Johnson & Gill, contractors.

SEAFORTH, ONT.—Granolithic sidewalks: F. Guteridge, successful tenderer, 11 cents per foot.

CHARLOTTETOWN, P. E. I.—Residence for J. J. Davies and N. D. Armour: Lowe Bros, contractors.

ST. JOHN, N. B.—Plumbing of Alexandria school: J. S. Coughlan, successful tenderer, at \$2,000.

VICTORIA, B.C.—Residence for Louis Hart: J. G. Tiarks, architect; T. H. Matthews & Co., builders.

PARRY SOUND, ONT.—Addition to Belvidere hotel: Gillespie & Grier, contractors, cost about \$6,000.

NIAGARA FALLS, ONT.—Decoration of Loretta Abbey: Begy & Son, St. Catharines, successful tenderers.

CAMPOBELLO, N.B.—Summer cottage for L. L. Prince; J. C. Trecartin, successful tenderer; price about \$10,000.

INDIAN RIVER, P. E. I.—New St. Mary's church: The Mechanics' Manufacturing Co., of Summerside, contractors. Plans were prepared by W. C. Harris, A. R. C. A.

WINNIPEG, MAN.—Y. M. C. A. building: George Browne, architect; Philip Burnett, successful tenderer, at \$60,513, exclusive of plumbing and heating. The building will be constructed of local buff brick and Bedford stone.

MONTREAL, Que.—Office building for Grand Trunk Railway: Carpenter work, Simpson, Peel & Co.; painting, Castle & Son; roofing, Douglas Bros., Toronto; hardware, James Walker & Co. The plumbing and heating contracts have not yet been awarded.

QUEBEC, QUE.—Wm. Davis & Son, of Cardinal, Ont., have secured the contract for masonry work of bridge across the St. Lawrence.—Road committee has awarded tenders as follows: Broken stone, Mrs. Ryland, for Beaufre stone, \$1.04 per yard; Cap Rouge stone, Frs. Parent, \$1.09; nails, C. A. Parent and H. O. Martineau; deals, etc., divided between Messrs. Rheume, Brown and Hooker; gully wells in stone, C. A. Parent, \$35; gully wells in iron, Ign. Bilodeau, \$48; stone curb, F. Parent; forge work, J. B. Pelletier; retaining walls, C. Cote & Cie., at \$12.80 per toise; sand, Wm. Tierney, 45 cents a load; stone and brick pavement, Parent and Bilodeau.

## PRIZES FOR SCHOOL PLANS.

Prizes offered by the Ontario Educational Department for plans of school buildings have been awarded as follows: One-roomed school, A. H. Harkness, Toronto, \$80; two-roomed school, J. F. Brown, Toronto, \$100; three-roomed school, H. C. McBride, London, \$125; four-roomed school, J. F. Brown, Toronto, \$150. There were 111 plans submitted. The judges were: C. H. C. Wright, of the School of Practical science, High School Inspector Heath, Public School Inspector Fotheringham, and F. A. Heakes, architect of the Public Works Department.

# MUNICIPAL DEPARTMENT

## COUNTY SYSTEM OF ROAD MAKING.

(Concluded.)

Property is very largely valued according to distance from the market and the convenience with which the market can be reached. Property a long distance from the market is affected to a greater extent by the bad condition of the roads than is property very near the market. Good roads are therefore of greater value to townships a long distance from the market town than those in the immediate vicinity.

Under a county system, durable road construction would be undertaken; the economic value of this work would be seen and appreciated by the people of the different townships. The well built roads would stand as object lessons, and would teach the better expenditure of funds spent by the township on the roads maintained by them.

While there may be some feeling averse to townships parting with any control of their roads, it is nevertheless impossible, under a township system, to levy taxation equitably, or employ the most economical, and at the same time serviceable system. The trend of opinion has turned towards collecting the most important roads of

each county, placing them under the management of the county council. It has been shown that by such a means, roadmaking can be placed on a more business-like basis, and consequently greater efficiency is secured. It provides for a more equitable system of levying the cost, for a better use of modern machinery, and for a higher grade of oversight and workmanship. At the present time, township councils are unable to maintain the roads by statute labor, and are in consequence compelled to make annual appropriations of money from the general tax. This money is, in the main, spent on the roads which would comprise a county system, but owing to the contracted character of the system, township councils are unable to apply this expenditure to the greatest advantage.

Despite the advantages of a county system of roads, township councillors are frequently unwilling to give up any of their present powers, and the influence and patronage which accompany them. Their sessions are mainly occupied with the distribution of money over the roads, the building of culverts and bridges and the settlement of road accounts. This distribution, as a general thing, is made at the request of a community of favor-seeking electors, and not in accordance with the real requirements of the roads, as would be the case if reported upon by a responsible official.

The people, too, regard with some fear the removal of any expenditure on the roads from the township council to the county council, a body over which each locality and ratepayer exerts less influence. County councils, on the other hand, have now but a limited amount of work and would not object to an addition to their labors such as the control of a county system of roads would create.



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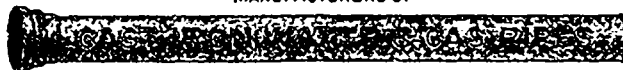
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CORPORATIONS Will do well to consider our work and prices before letting contracts

The Silica Barutic Stone Company of Ontario, Limited.

WALTER MILLS, General Manager. Head office: INGERSOLL, ONT.

### Prices of Building Materials.

PRESSED BRICK, Per M.

	F.O.B. Milton, Ont.	F.O.B. Montreal.
Red No. 1.....	\$12 50	\$18 00
" 2.....	11 00	16 10
" 3.....	8 00	3 10
Buff No. 1.....	14 50	20 00
" 2.....	13 00	18 50
Brown.....	20 00	25 50
Roman Red.....	24 00	30 50
" Buff.....	28 00	33 50
" Brown.....	35 00	40 50
Hard Building.....	6 00	11 50
" Sewers.....	6 00	11 50
Roofing Tiles, \$20 00 per 1,000, \$25.00 Montreal.		

COMMON BRICK, Per M.

	F.O.B. Toronto.	F.O.B. Montreal.
Common Walling.....	7 00 8 00	7 50 8 00
Good Facing.....	8 00 9 00	8 50
Sewer.....	8 00 9 00	8 50 9 00
<b>STONE.</b>		
Common Rubble, per toise, delivered.....	10 0	11 0
Large flat Rubble, per toise, delivered.....	14 0	18 00
Foundation Blocks, per c. ft. Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 0 in., per ft. Amherst Red Sandstone, Amherst, N.S., per cub. ft. Kent Free stone Quarries, Moncton, N.B., per cu. ft. River John, N. S., brown Freestone, per cu. ft. Port Phillip, N. S. Brown Sand, per cu. ft. ....	7 00 8 00 8 00 9 00 1 00 1 00 95	7 50 8 00 8 50 9 00 1 00 1 00 95

"Scoria" Paving Blocks, 8" x 3 1/2" x 5".....	50	
"Scoria" Paving Blocks, 8" x 3 1/2" x 4".....	45 00	
Masillon.....	30 00	
Quebec and Vermont rough granite for building purposes, per c.ft. f.o.b. quarry	40	1 00
For ornamental work, cu. ft.	40	
Granite paving blocks, 8 in. t. 12 in. x 6 in. x 4 1/2 in. per M.		50 00
Granite curbing stone, 6 in. x 20 in. per lineal foot.....		70

### CREDIT VALLEY STONE.

Rubble, per car of 15 tons... Brown Coursing, up to 10 in., per sup. yard.....	7 00	1 50 to 1 75
Brown Dimension, per cub. ft	60	
Grey Coursing, per sup. yard	1 00	
Grey Dimension, per cub. ft.	45	

### LONGFORD STONE.

Rubble, per 30 M. car.....	5 00
Ashlar, per cub. yd.....	2 00
Dimension, per cub. ft.....	18

### SLATE.

Roofing (6 squares).		Toronto.	Montreal.
" red.....	17 50	20 00	
" purple.....	8 50	10 00	
" adding green.....	8 50	7 00 8 00	
" olack.....	7 50	6 50	
Terra Cotta Tie, per sq.....	20 00	25 00	
Ornamental Black Slate Roofing.....	8 80	6 30	

### CEMENT, LIME, etc.

Portland Cement -			
German per bbl.....	2 90 3 10	2 55 2 65	
London.....	2 95 3 00	2 25 2 45	
Newcas -	2 70 3 00	1 95 2 10	
" " " Brand Portland	3 95 3 25	2 70 2 80	
" Dyckerhoff.....	3 05 3 25	2 75 2 90	
North's "Condor.....	3 05 3 25	2 65 2 80	
English, artificial, per bbl.....	2 85 3 00	2 35 2 45	
Belgian, natural, per bbl.....	2 50 2 75	2 00 2 20	
Canadian, artificial.....	2 85 3 00	2 60 2 70	
Roman.....		2 70 2 25	
Parian.....	5 25 5 25	5 75 5 75	
Keene Superfine "Whites".....	11 00 12 00	0 00 10 00	
Keene's Coarse "Whites".....	8 00 8 50	8 40 9 00	
"Karlstadt" (German).....	3 05 3 25	2 75 2 90	
"Germania" (German).....	3 05 3 25	2 75 2 90	
"Rooster" (Belgian).....		2 15 2 20	
"Keystone" (Belgian).....		2 05 2 20	
"Anvil" (Belgian).....		1 95 2 05	
"Burham" (English).....	2 95 3 00	2 25 2 45	
Hydraulic Cements -			
Thorold, per bbl.....	1 50	1 65	
Queenston, ".....	1 50	1 50 1 60	
Napance, ".....	1 50	1 50	
Hull, ".....	1 50	1 50	
Ontario, ".....	1 25		

Fire Bricks, Newcastle, per M	30 00	35 00	16 00	Toronto. Montreal.
" Scotch.....	30 00	35 00	19 00	
Lime, 100 lbs., Grey.....			30	
" " White.....			35	
Plaster, Calcined, N. B.....			2 00	
" " N. S.....			2 00	
Hair, Plasterers', per bag...	80		1 00	

### HARDWARE.

The following are the quotations to builders for at Toronto and Montreal:

Cut nails, 5 d & 6d, per keg	2 85
Steel " " " "	2 95
<b>CUT NAILS, FENCE AND CUT SPIKES.</b>	
40d, hot cut, per 100 lbs.....	2 85
10 to 12d, hot cut.....	2 95
8d, 9d, " ".....	3 00
6d, 7d, " ".....	3 15
4d to 5d, " ".....	3 25
3d, " ".....	3 50
2d, " ".....	3 85
Cut spike, 10 cents per keg advance.	
Steel Nails, 1 1/2 c. per keg extra.	
Wire nails, 3-50 base price.	

### Iron Pipe:

Iron pipe, 1/2 inch, per foot.....	6c.
" " 3/4 " " ".....	7
" " 1 " " ".....	8 1/2
" " 1 1/4 " " ".....	12
" " 1 1/2 " " ".....	17
" " 2 " " ".....	24
" " 2 1/2 " " ".....	30
" " 3 " " ".....	43

### Lead Pipe:

Lead pipe, per lb.....	7c.
Waste pipe, per lb.....	7 1/2 c.

### Galvanized Iron:

Adam's—Mar's Best and Queen's Head and Opole	
16 to 24 gauge, per lb.....	4 1/2 c. 4 1/2 c.
26 gauge, ".....	4 1/2 c.
28 ".....	5
Gordon Crown—	
16 to 24 gauge, per lb.....	4 1/2 c. 4 1/2 c.
26 gauge, ".....	4 1/2 c.
28 ".....	4 1/2 c.
Note.—Cheaper grades about 1/2 c. per lb. less.	

### Structural Iron:

Steel Beam, per 100 lbs.....	2 75
" channels, ".....	2 85
" angles, ".....	2 50
" tees, ".....	2 80
" plates, ".....	2 55
Sheared steel bridge plate.....	