

# CANADIAN Contract Record

*A Weekly Journal of Public Works, Tenders,  
Advance Information and Municipal Progress*

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. 16.

TORONTO, MONTREAL — SEPTEMBER 6, 1905 — WINNIPEG, VANCOUVER

No. 27

## THE CANADIAN CONTRACT RECORD

PUBLISHED EVERY WEDNESDAY

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lishers of any irregularity in delivery of papers.

WANTED—Position as Junior Draughtsman  
in Architect's Office, by young man of 18, with  
some experience. Address Box 31, CONTRACT  
RECORD, Toronto, Ont.

## Tenders for Bridge

Sealed tenders hereby requested by the Cor-  
poration of the County of Hastings, up to noon  
of SATURDAY, 23rd SEPTEMBER, 1905, with  
plans and specifications, for one steel bridge, 60  
feet long and 16 feet wide in the clear, to be  
erected on stone abutments 64 feet apart on top,  
near Gullett's Mill in Rawdon, about 4 miles  
north of Hoard's Station and 6 miles from  
Stirling.

Said bridge must have steel joists and be  
strong enough for concrete floor and to carry a  
moving load of 175 pounds to each square foot  
of roadway.

The abutments will be ready by 1st November  
and the steel structure to be complete ready to  
put flooring on by the 15th November, 1905.

Tenders need not include flooring.  
Payment when bridge is complete and accept-  
ed.

Lowest or any tender not necessarily accept-  
ed. Address

WM. R. AYLSWORTH, County Clerk,  
Belleville.  
August 30th, 1905.

## TOWN OF MIDLAND DEBENTURES

Sealed tenders, addressed to the undersigned,  
will be received up to six o'clock TUESDAY,  
SEPTEMBER 19th, 1905, for the following De-  
bentures of the Town of Midland, viz:—

\$12,000—Forty years (by Special Act) 4½%  
issued for sewer purposes, and dated 29th De-  
cember, 1904.

\$10,000—Thirty years, 4½%, issued for the  
purpose of purchasing a site and erecting a  
High School building thereon, and dated Sep-  
tember 6th, 1904.

\$10,000—Thirty years, 4½%, issued for the  
purpose of paying off the present floating in-  
debtedness of the Town, (Special Act 1905)  
dated June 1st, 1905.

The first two lots guaranteed by the County of  
Simcoe. The highest or any tender not neces-  
sarily accepted. Bids to include accrued in-  
terest from date of Debentures.

T. I. TRUHMANN,  
Town Clerk.

## TENDERS WANTED

Tenders for remodeling Markham Methodist  
Church will be received up to SEPTEMBER  
15th, 1905. Plans at the office of Jas. A. Ellis,  
Architect, Manning Chambers, Toronto, or G.  
A. Speight, Secretary, Markham, Ont.  
No tender necessarily accepted.

## TO CONTRACTORS

Whole and separate tenders will be received  
by the undersigned for the erection of a Town  
Hall in the Town of Qu'Appelle, Sask.  
Tenders for basement will be received up till  
September 6th, 1905.

Tenders for the superstructure from the dif-  
ferent trades, Brick work, Carpenter work,  
Plastering, and Painting, will be received up  
till September 15th, 1905.

Plans and specifications may be seen at the  
office of the Secretary-Treasurer, or at the  
offices of W. M. Dodd, Architect, Regina, Sask.,  
and Calgary, Alta.  
The lowest or any tender not necessarily ac-  
cepted.

J. C. STARR, Secretary-Treasurer,  
Town of Qu'Appelle, Sask.

## DEBENTURES

Sealed tenders, addressed to undersigned will  
be received up to noon of MONDAY, SEP-  
TEMBER 11th, 1905, for the following Deben-  
tures of the City of Niagara Falls namely:—  
\$9,962.62 Twenty years 5 per cent., issued for  
permanent walk purposes, dated August 15th,  
1905.

\$10,022.37 Thirty years 5 per cent., issued for  
Sewer purposes, dated August 15th, 1905.

Said Debentures—principal and interest are  
payable at the City Treasurer's office, Niagara  
Falls, Canada, annually.

Purchasers to pay accrued interest from  
August 15th, 1905.

Further particulars can be obtained on appli-  
cation.

Highest or any tender not necessarily ac-  
cepted.

JOHN ROBINSON, City Clerk,  
Niagara Falls, Canada, August 22nd, 1905.

## CONTRACTS OPEN.

WELLAND, ONT.—A new Baptist  
church will be built here.

CRANBROOK, B.C.—A warehouse  
will be built by the Co-Operative Stores.

SASKATOON, N.W.T.—W. C. Suth-  
erland is building a cement-block resi-  
dence.

AMHERST, N. S.—Engineer Fuller  
has completed the surveys for a water-  
works system for the town.

TEESWATER, ONT.—The by-law  
to provide for waterworks improvements  
was carried last week.

BERLIN, ONT. — Michael Connor  
intends building three residences on cor-  
ner of King and Hope streets.

ST. MARY'S, ONT.—The town is  
offering for sale \$17,500 of debentures.  
Tenders received up to 11th inst.

KELOWNA, B.C.—The Village Coun-  
cil have under consideration the question  
of providing a waterworks system.

ORANGEVILLE, ONT. — George  
Robb will receive tenders up to noon of

8th inst. for steam heating of the Metho-  
dist church.

STRATFORD, ONT.—Permit have  
been issued for residences to be built by  
W. I. Becker and Miss McLaren.

GLACE BAY, N.S.—Town Engineer  
Morrison has submitted to Council plans  
of proposed waterworks extension.

LONG'S CREEK, N.B. — Jacob  
Lawrence has decided to rebuild his  
residence which was destroyed by fire.

BALMY BEACH, ONT.—The Church  
of England congregation will erect an  
edifice at Beech ave. and Queen street.

SPRINGHILL, N. S.—The ratepay-  
ers have decided to borrow \$15,000 for  
further extension of waterworks system.

HARTNEY, MAN.—The by-law to  
provide funds for a new school was car-  
ried by the ratepayers almost unanimous-  
ly.

NEW WESTMINSTER, B. C.—It is  
understood that alterations and additions  
will be built to the Provincial hospital  
here.

ST. CATHARINES, ONT.—A. E.  
Nicholson, architect, is this week taking  
tenders on additions and alterations for  
Wood Bros.

RAPID CITY, MAN.—The ratepayers  
have rejected the by-law to borrow \$15,-  
000 for erection of town hall and other  
improvements.

GRANBY, QUE.—S. H. C. Miner has  
donated \$1,000 towards the erection of a  
Sunday School building for the Congre-  
gational church.

ATWOOD, ONT. — T. Fullarton,  
Clerk Elma Township, requests tenders  
by 25th inst. for construction of Gilkinson  
drain extension.

FORT WILLIAM, ONT.—The ten-  
ders for the Grand Trunk Pacific railway  
west from this place, will be opened  
about the 15th inst.

BRANTFORD, ONT.—The Brant-  
ford Electric & Operating Co. have de-  
cided to proceed at once with the instal-  
lation of a steam plant.

GRAND FORKS, B.C. — Specifi-  
cations are now being prepared for ex-  
tensive headworks to be constructed by  
the Granby Smelter Co.

GESTO, ONT.—A. C. Atkinson will  
receive tenders up to 9th inst. for con-  
struction of Colenutt drain in Township  
of Colchester North.

OXBOW, N.W.T.—A by-law to raise  
\$3,000 for purchase of chemical fire en-  
gine and erection of engine house will be  
submitted to the electors.

BOUCK'S HILL, ONT.—Bids re-  
quested by George Lane, Township Clerk,  
up to 16th inst. for purchase of \$2,535.25  
4 per cent. 10-year debentures.

BANFF, N.W.T.—The time for receiv-  
ing tenders for construction of water-

works and sewerage systems here has been extended to September 11th.

**OWEN SOUND, ONT.**—It is expected that the report of Willis Chipman, C.E., Toronto, on the waterworks system, will be submitted this week.

**WALKERTON, ONT.**—A by-law will be submitted to the ratepayers to raise \$1,200 for breakwater and \$1,674 for contemplated sewer construction.

**CALGARY, N.W.T.**—R.H. Butchart, managing-director of the Vancouver Portland Cement Co., is having plans prepared for cement works to be built here.

**KENORA, ONT.**—Application has been made by the town to the Ontario Government for permission to develop electric power for municipal purposes.

**VICTORIA, B. C.**—Hooper & Watkins, architects, are preparing plans for a one-storey brick building to be erected at 8 Broughton street by D.K. Chungranes.

**ST. STEPHEN, N.B.**—John D. Chipman wants tenders by 8th inst. for erection of additions to Chipman Memorial Hospital. Plans at office of Vroom Bros.

**MARKHAM, ONT.**—The trustees of the Methodist church have instructed an architect to prepare plans for alterations and improvements to the interior of the edifice.

**ARCOLA, N.W.T.**—J. J. Murison, Secretary-Treasurer of the town, will receive tenders up to 16th inst. for erection of a town hall. Plans by W. A. Elliott, architect, Brandon.

**ARNPRIOR, ONT.**—A by-law granting a bonus of \$35,000 to the Dominion Suspendor Co., of Montreal, to erect a large factory here, has been sanctioned by the ratepayers.

**NELSON, B.C.**—The new site for the Hume school has been purchased by the Provincial Government and it is now probable that funds will be provided for a commodious school building.

**CHARLOTTETOWN, P.E.I.**—L. B. MacMillan, Secretary of Public Works, will receive tenders up to 14th inst. for building a new bridge on the road leading from Middleton to Mount Vernon.

**FREDERICTON, N. B.**—F. A. Barbour, C. E., who is investigating the water supply at Tower Lake and Garden Creek, is of the opinion that there is enough water for a gravitation system.

**PORT HOPE, ONT.**—The Council are negotiating for a new industry to occupy the radiator building, the company agreeing to expend \$50,000 in machinery and additional buildings. Exemption from taxation is asked.

**BRANDON, MAN.**—The Kensington-Brandon Development Co., of which Mr. Currie, of Toronto, is vice-president, intend to submit a proposition to the City Council for the establishment of an electric railway.

**PORT ARTHUR, ONT.**—Hon. C. S. Hyman, Minister of Public Works, was here last week making an inspection of the harbor. The proposed improvements will cost about \$250,000 and will include an immense breakwater and docks.

**PALMERSTON, ONT.**—H. Hyndman, jr., Town Clerk, will receive tenders up to September 11th for supply and laying of following sewers: 400 feet of 6-inch vitrified sewer pipe, 1,230 feet of 8-inch and 400 feet of 10-inch, also 9 manholes and 6 catch basins.

**MIDLAND, ONT.**—Bids are invited in this issue for purchase of \$32,000 4½ per cent. debentures. Tenders close 19th inst.—The Grand Trunk Railway Co. have announced their intention of double tracking the Midland branch in the near future.

**SUMAS, B. C.**—The Dominion Government have given permission to James A. Lewis, of Chicago, and his

associates, to proceed with certain reclamation works in what is known as the Sumas dyking district.

**MONTREAL, QUE.**—The Catholic School Commissioners have accepted plans of following architects for schools: Mr. Turgeon for the Sarsfield school; Mr. Amos, for the Champlain school; Lacroix & Piche, for the Olier school. Tenders will be invited immediately.

**CALGARY, N. W. T.**—Lawson & O'Gara, architects, are calling for bids for a three-storey brick and stone business block, to be erected on corner of 7th Ave. and 1st east, for T. S. Clouston. They are also preparing plans for a brick and stone hospital to be built in McLeod, Alta.

**PORTAGE LA PRAIRIE, MAN.**—The committee in charge of the erection of a new hotel have accepted plans. The building will be three stories, 75 x 90 feet, brick, and will contain 50 bedrooms.—J. & E. Brown have commenced the erection of a two-storey office building on Saskatchewan ave.

**ST. JOHN, N.B.**—J. K. Schofield has purchased the property on corner of King and Canterbury streets and intends erecting a modern building for banking purposes.—New York capitalists are reported to have decided to build a large hotel on corner of Germain and Union streets.

**TORONTO JUNCTION, ONT.**—The following building permits were issued last week: W. J. Adare, pair cement block and brick front dwellings, Davenport road, cost \$4,000; John Weir, brick dwelling, Pacific ave., cost \$2,300; David Cross, frame dwelling, Campbell ave., cost \$800.

**PICTOU, N.S.**—The Department of Railways and Canals, Ottawa, request tenders by Friday, 15th inst., for construction of a stall engine house, turn table, foundation walls, retaining walls, cribwork, drains, etc., for this place. Plans on application to the Station Master and at the Chief Engineer's office, Moncton, N. B.

**EAST TORONTO, ONT.**—F. G. Washington, 785 Queen street east, has purchased the vacant lot on south-west corner of Queen street east and Broadview ave. and will build thereon a brick store and warehouses, with two dwellings, to cost about \$20,000.—H. W. Love is about to commence the building of two residences on corner of First ave. and Broadview. Thomas Berry has commenced the erection of a brick store to cost about \$3,500 near the same site.

**LONDON, ONT.**—H. C. McBride, architect, has just taken tenders on a brick residence on Queen's avenue.—The Port Stanley Railway Board last week inspected the bridges on the Port Stanley railway and found that for heavy traffic they would not answer.—John Pope, City Treasurer, desires bids by Friday, 15th inst., for purchase of the following debentures: \$15,000 4 per cent. London West breakwater debentures; \$9,000 4 per cent. waterworks debentures; \$80,319.87 4½ per cent. local improvement debentures.

**PETERBORO, ONT.**—E. M. Elliott, County Clerk, will shortly advertise for tenders for superstructure of steel bridge to be built over the Indian river between Otonabee and Douro townships.—P. Dowham has purchased the Bradburn property on Aylmer street and will at once build a large creamery.—The directors of the Peterboro Lock Manufacturing Co. have not yet awarded the contracts for new buildings for which tenders were recently invited.

**OTTAWA, ONT.**—Band, Burritt & Meredith, architects, are preparing plans for extensive improvements to Davis residence on corner of Stewart and King streets, which has just been purchased by Hon. S. N. Parent.—The County Coun-

cil have decided to rebuild Hurdman's bridge with concrete piers and steel superstructure, at probable cost of \$20,000.—The trustees of Rideauville School Section are in favor of building a new school, but the ratepayers have requested the Board to consider the advisability for building an addition to the present school.—P. Provost, Chief of Fire Department, will receive tenders up to 18th inst. for supply of 54 pairs of boots, trousers and vests.

**VANCOUVER, B.C.**—The Health Committee have recommended the acceptance of the proposition submitted by P. Burns & Co. and the Frie-Bruhm Co. for the erection of packing houses and abattoirs.—J. R. Roy, Dominion Government Engineer, is making surveys of False Creek with a view of devising a comprehensive scheme to make the creek navigable for vessels of moderately deep draught.—New tenders have been invited for the paving of Hastings street.—A stand-pipe will be erected in Mount Pleasant.—The British Columbia Electric Railway Co. are negotiating for the control of 16 acres above Twenty-First street for purposes of a park. Pavilions are to be constructed and all necessary buildings for the display of live stock and other industrial and agricultural features of the Horticultural Society's show.—Emil Guenther, architect, Vancouver, is taking tenders for a three-storey brick block corner of Carral and Pender streets for Yon & Co.

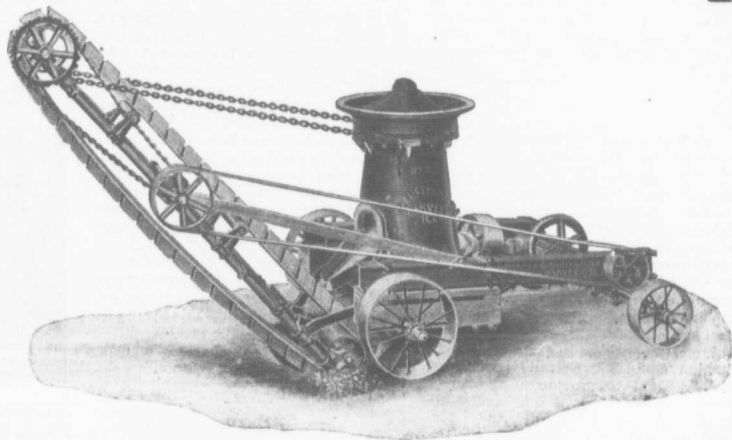
**WINNIPEG, MAN.**—C. J. Brown, City Clerk, is asking for tenders up to 11th inst. for supply of two hook and ladder trucks.—Plans have been prepared for the new English Lutheran church to be erected at corner of Ellice and Agnes streets, 62 x 32 feet, with Sunday school addition and large basement, cost about \$8,000.—Tenders for gas producer plant have been opened by the city and contracts will be awarded shortly.—Work will shortly be commenced on the new theatre on Albert street for Nash & Burrows. Building will be of brick on stone foundation, cost about \$150,000.—J. H. G. Russell, architect, has taken tenders on alterations, including steam heating, to the Oddfellows block on corner of Princess and McDermott avenues.—It is reported that the Canadian Pacific Railway officials are looking into the question of operating the road between Winnipeg and Fort William by electric power.—James Chisholm, architect, is this week taking tenders on a brick addition to the Jobin-Marrin warehouse on Market street.—J. D. Atchison is taking tenders for excavation.—The Department of Public Works, Ottawa, desire tenders by 18th inst. for construction of a heating system for new immigration building in this city. Plans at the Dominion Public Works office.—Porter & Co., crockery merchants, have purchased property at corner of McDermott ave. and Rorie street on which they intend building a large warehouse.

**HAMILTON, ONT.**—Stewart & Witton, architects, are now preparing the specifications for the new drill hall and expect that work will be commenced in about three weeks. New Brunswick granite will be used for the base.—Building permits have been issued this year to the value of \$971,375. The following are the recent permits: E. Buscombe, brick house on Locke street, north of Barton, \$1,500; A. W. Peene, cement block house, corner of Bold and Caroline streets, for Charles Judd, \$2,000; George H. Milne, three brick houses, Markland and Caroline streets, for Mrs. Hancock, \$6,500.—The Bank of Hamilton directors have not yet awarded contracts for additions and alterations to head office building. It is said that the tenders are much higher than was esti-

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— o —

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Montreal

mated.—J. A. Zimmerman has purchased a lot at the south-east corner of Barton and Wentworth streets and intends erecting a drug store.—Mr. Douglas, of Stratford, has purchased two lots on corner of Mary and Cannon streets on which to build a factory for the manufacture of clothing.—F. J. Fralick will build a residence on West Hunter street, cost \$2,800.

TORONTO, ONT.—The Bank of Montreal have purchased the property at the north-east corner of Queen and Yonge streets and, according to report, will erect a new structure on the site.—Tenders for waterworks and sewerage systems at Banff, N.W.T., for which John Galt, C. E., this city, is consulting engineer, will be received up to September 11th.—The City Dairy Co. have again applied to the City Council for a permit to build a stable between Oxford and College streets, near Spadina ave., to be 112 x 85 feet, three stories, cost \$20,000.—The Board of Control are taking tenders up to noon to-day (Wednesday) for supply of a 30-ton suspension stock scale in the sheep barn at the Toronto Cattle Market. Specifications at office of the Property Department, City Hall.—Mason & Risch have commenced the erection of a four-storey brick piano factory at 642 King street west.—Burke & Horwood, architects, have just taken tenders for erection of the McCormick cottage and for certain improvements in the Frank Bull cottage at the Muskoka Sanitarium, Gravenhurst.—President McNaught, of the Exhibition Association, has announced that the directors contemplate removing the row of wooden buildings now standing between the stove and administration buildings and erecting in their place a large steel and brick or concrete structure.—At a meeting held at the residence of E. K. M. Wedd last week, it was decided to take steps to provide a permanent church building on a site accessible to all West End Islanders.—The City Engineer has recommended the construction of the following pavements and sidewalks: Seaton street, from Wilton avenue to Carlton street, asphalt, \$11,823; McMaster avenue, from Avenue

road to Rathnally, bitulithic, \$3,867; Dufferin street, from King 1,758 feet south, bitulithic, \$12,848; Beatrice street, from College street 6.8 feet south, asphalt, \$3,874; Alexander street, from Yonge to Church, asphalt, \$7,110; Seaton street, from Queen to Wilton avenue, asphalt, \$8,110; Hackney street, from Woolsey to St. Patrick, asphalt, \$6,986; Gibson avenue, from Yonge to west end, macadam, \$2,344. Cement concrete sidewalks—Huxley, from Dufferin to Jamieson avenue, \$3,100; Mohawk avenue, in centre of avenue, from the lake shore to 400 feet north, \$483; King, from 66 feet east of Trinity to Sackville, \$646; Queen, from Strachan avenue to 100 feet west of Niagara, \$2,017; Woolsey, from Hackney to Bathurst, \$833; Woolsey, from Denison avenue to Hackney, \$330; Woolsey, from Esther to Denison avenue, \$349; Audley avenue, from Pape avenue to 305 feet east, \$524; Dagmar avenue, from Pape avenue to 275 feet east, \$461; Lowther avenue, from Spadina road to 165 feet west, \$165; Robinson, from Palmerston to Euclid avenue, \$494; Delaware avenue, from Dewson to Hepburne, \$1,788; Carlisle, from St. Patrick to No. 34, \$411; London, from Markham to Manning avenue, \$1,286; Robinson, from Manning to Bellwoods avenue, \$735; King, from Trinity to Erin Place, \$220; King, from Berkeley to Parliament, \$879; King, from Sumach to St. Lawrence, \$668; Munro, from Matilda to Mountstephen, \$1,604; Gibson avenue, from Yonge to west end, \$275; Gibson avenue, from Yonge to west end, \$271; Palmerston avenue, from Robinson to Arthur, \$1,669; Palmerston avenue, from Robinson to Arthur, \$1,669; Sackville, from Queen to St. David, \$1,589; Sackville, from Wilton avenue to Oak, \$821; Sackville, from Wilton avenue to Oak, \$783; Sackville, from Queen to St. David, \$1,518.

#### FIRES.

Lighthouse at Macquereau Point, on Bay Chaleurs, Que., totally destroyed, loss \$6,000.—Saw mill of the Meduxnekeag Lumber Co. at Monticello, N. B.,

loss \$25,000.—A serious fire occurred at Be mont, N. S., last week, destroying the Baptist church, Thomas Lindsay's hotel, T. D. Crowe's store and other buildings.—Saw mill of Little Bros. at Haileybury, Ont.

#### CONTRACTS AWARDED.

WEYBURN, N. W. T.—Erection of Methodist church: Gbriel & Dunn, of Oxbow contractors.

NEW WESTMINSTER, B. C.—Stables for the Dominion Fair: H. M. Marshall, contractor.

FREDERICTON, N. B.—Simmonds & Burpee have been awarded the contract for building three masonry piers for the

## J. HARVEY

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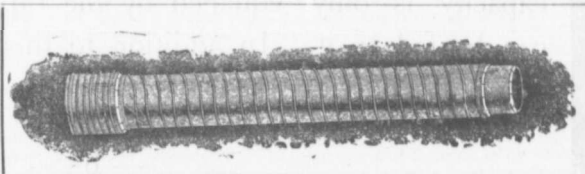
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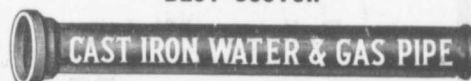


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## MILLER BROS. & TOMS MONTREAL

Fredericton highway bridge, price about \$26,000.

OXBOW, N. W. T.—Residence for S. McMurty: Gabriel & Quinn, this place, contractors, about \$9,000.

BERLIN, ONT.—Boiler for the electric light plant: Goldie & McCulloch Co., Galt, successful tenderers.

CREEMORE, ONT.—Wooden reservoir for village: Gould, Shapley & Muir, successful tenderers, \$1,960.

WINGHAM, ONT.—Construction of cement flume at the dam: W. H. Green, successful tenderer, \$1,350.

BRANTFORD, ONT.—Brick residence on Duke street for Peter McCusiker: Wright & Thomson, contractors.

MANSEWOOD, ONT.—Heating Boston Presbyterian church: James Smart Co., Brockville, successful tenderers.

PORTAGE LA PRAIRIE, MAN.—Residence for Adam Brown: F. G. Humber, contractor, cost about \$11,000.

WELLAND, ONT.—Brick residence on Young street for A. J. J. Brennan: R. M. Jamieson and M. Vanderburg, contractor.

TORONTO, ONT.—Carpentry work and roofing of sheep pens at cattle market: Thomas Lewis, contractor, \$6,495 and \$511 respectively.

OTTAWA, ONT.—The offer of the Dominion Securities Corporation, Toronto, has been accepted for the purchase of \$326,000 of city debentures, their price being \$328,638.

MONTREAL, QUE.—The Water Committee have decided to purchase two machines for perforating water main to make connections with minor pipes from

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MARSH & HENTHORN Belleville, Ont.

the A. P. Smith Manufacturing Co., Newark, N. J., cost \$2,340 each.

CALGARY, N.W.T.—Lawson & O'Gara have awarded the following contracts for a residence for T. S. Burns, City Treasurer: Carpenter work; J. A. Bishop; stone work; J. Poulson; electric work, Calgary Electric Co.; plumbing, Hale Bros; heating, Linton & Hall.

ST. JOHN, N. B.—The J. Y. Stewart Co. have been awarded the contract for 1,046 tons of iron pipe for a waterworks system from One Mile House to Marsh Bridge, at \$27.50 per net ton of 36-inch pipe, duty paid, f.o.b. St. John. Delivery is to be made by November 1st.

WINNIPEG, MAN.—The bank building for the Bank of Toronto, for which Kelly Bros.-Mitchell, Limited, have secured the contract, will be three stories, of marble, steel cage construction, porous terra cotta floors, bronze grill work, etc., probable cost \$150,000. The architect is H. C. Stone.—The contract for block paving the team tracks of the new C. P. R. yards has been awarded to the Kettle River Quarries Co.; about 30,000 square yards.—The tenders of the Leslie Furniture Co., Scott Furniture Co. and Office

Specialty Co. have been accepted for furnishing the Carnegie library building.

PETERBORO, ONT.—Contracts for sewer construction have been awarded as follows: J. Robinson, a total of 7,228 feet, at a cost of \$9,687.23, as follows: For 12 inch pipe—1,509 feet on King street, at \$1.16 per foot; 903 feet on Charlotte street, at \$1.05; 1,660 feet on Bolivar st., at \$1.05; 1,039 feet on Hunter st. east, at \$1.07; 274 feet on Hunter st. east, at 98 cents; 466 feet on King st., at \$1.15. For 9-inch pipe—450 feet on Stewart st., at 82 cents. R. Sheehy, a total 5,205 feet at cost of \$6,110.49, as follows: For 12-inch pipe—1,140 feet on Lake st., at \$1.15 per foot. For 9-inch pipe—485 feet on Brock st., at \$1.09 per foot; 515 feet on Downie st., at 89 cents; 490 feet on Edinburg st., at 83 cents; 453 feet on Union st., at 83 cents; 585 feet on Perry st., at 93 cents; 607 feet on Rogers st., at 93 cents; 477 feet on Sophia st., at 87 cents. J. E. Hayes, a total of 4,498 feet, at cost of \$2,054.14, as follows: For 9-inch pipe—280 feet on Simcoe st., at 80 cents per foot. For 12-inch pipe—526 feet on Reid st., at \$1.14 per foot; 1,070 feet on Park st., at \$1.15; 950 feet on

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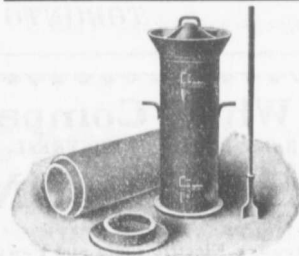
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for a moment, that roadways are built to be used by the horse.

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provides a sure foot-hold for the horse, gives him confidence, he draws a heavier load with less exertion, and consequently is of more value.

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We are now selling them all over the U. S. and enquiries are coming in from British Colonies as well.

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Sawyer & Massey,  
ROAD MCH. DEPT.

Hamilton, Ontario

Aylmer st., at \$1.13; 1,412 feet on Park st., at \$1.12 cents; 260 feet on Sherbrooke st., at 98 cents.

PRINCE ALBERT, N. W. T.—The Council recently awarded the remaining contracts for construction of waterworks and sewerage systems. The successful bidders were:—Laying water mains and sewer pipes, W. Newman, Windsor, \$34,390; building pump house, Ittner & Spore, Prince Albert, \$10,648; water tower, Canada Foundry Co., Toronto, \$7,800; water tower foundation, Lemoine & Fortin, Prince Albert, \$2,275; iron water mains and specials, Canada Foundry Co., \$24,272.25; wood pipe, Canada Pipe Co., \$4,998.28; fire hydrant valves, etc., Canada Foundry Co., \$3,839.25; sewer pipe, McCombe Sewer Pipe Co., \$10,410.94; pumping machinery and erecting, Canada Foundry Co., \$4,940; two steam boilers and erecting, Canada Foundry Co., \$3,930; land for pumping station, etc., \$1,500. The bids received on the different contracts were:—Contract A, laying water mains and sewer pipes: W. Newman, \$34,390; McLennan, Webster & Taylor, \$37,648; W. C. McKay, \$64,800; Chas. Lemoine, \$45,725; Dobson, Jackson & Fry, \$43,000. Contract B., erecting pump house: Holmes & Baker, \$13,580; Lemoine & Fortin, \$16,250; Ittner & Spore, \$10,648. Contract C., steel water tower: Canada Bridge Co., \$7,930; Ontario Wind Engine & Pump Co., \$9,013; John Ingles, \$8,385; Manitoba Iron Works Co., \$8,823; Canada Foundry Co., \$7,800; Goldie & McCulloch, \$11,500. Foundation for water tower: Lemoine & Fortin, \$2,275. Contract Da., iron pipe, Le Chance, \$24,014.81; Montreal Pipe Foundry, \$23,988.94; Gartshore Thompson & Co., \$24,726; Canada Foundry Co., \$24,272.75; McKenzie Bros., \$24,604.10; G. A. Metcalf, \$26,052.10. Contract Db., wood pipe, Canadian Pipe Co., \$4,998.28; Pacific Pipe Co., \$5,509.05. Contract E, hydrants, valves, etc.: Canadian Fairbanks Co., \$3,344.31; Florence Iron Works, \$3,652.70; Canada Foundry Co., \$3,839.25; O. B. Manville, \$3,549. Contract F, sewer pipe, McComb Sewer Pipe Co., \$10,410.94.

#### BUSINESS NOTES.

The Montreal Silicate Brick Syndicate has been registered by Alfred Joyce.

Howard & Snow, painters, Battleford, N.W.T., have moved to North Battleford.

## ELECTRICITY

If you desire to keep posted on the wonderful progress that is taking place in the use of electricity for an almost endless variety of purposes, you should subscribe to the

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and Engineering Journal

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Toronto Montreal Winnipeg Vancouver

Mrs. A. Drolet has registered the business of A. Drolet & Cie, plumbers, etc., Montreal.

A meeting of the creditors of Joseph E. Gratton, plumbers, St. Henri, Montreal, who assigned recently, was held on September 1st.

Mr. Geo. S. B. Perry recently visited the Northwest Territories, Manitoba and

Ontario in the interests of the Pacific Coast Pipe Co., of Vancouver.

Alfred Hannaford, of Hamilton, has entered into partnership with his two sons and will carry on a business as contractors, under the firm name of A. Hannaford & Sons. They have already secured the contract for cement walls at Burlington.

### Winnipeg Prices of Building Materials

White Brick, kiln run, per M. on car	\$12 00
White veneer brick, per M. on car	14 00
Red pressed brick, per M. on car	3 00 to 32 00
Red Sand Mould Brick	21 00
Pressed Bricks (except red)	30 00 to 40 00
Hollow Brick	13 00
Vitrified Paving Brick	38 00
Brown Pressed Brick	34 00
Water Struck Brick	35 00
Rain Wash Brick	35 00
Portland Cement, in carloads	2 64
Dimension stone, per cubic ft. delivered	10 50
Select rubble, per cord, delivered	11 50
Rough shoddy, per cubic yard	1 50
Concrete Stone, per cubic yard	1 25
Grey Lime, per bushel at quarry	22 c
Grey Lime, per bushel delivered	32 c
White Lime, per bushel at quarry	22 c
White Lime, per bushel delivered	32 c
American hard wall plaster, per ton f.o.b.	15 00
Manitoba hard wall plaster, per ton f.o.b.	15 00
Ordinary hard wall plaster, per barrel	3 25
Pitch pine hard wall plaster, per barrel	4 50
Building papers, Cyclone and Jubilee, plain	77½
Building papers, Anchor, tarred and Jubilee, tarred	70 c
Building papers, Shield, tarred	80 c
Sewer Pipe, 3 in., 8½ c; 4 in., 10½ c; 5 in., 14½ c; 6 in., 16½ c; 8 in., 25 c; 9 in., 30 c; 10 in., 36 c; 12 in., 45 c; 15 in., 75 c; 18 in., \$1.00; 20 in., \$1.50; 24 in., \$2.00.	

### Prices of Building Material

LUMBER	
CAR OR CARGO LOTS, F.O.B. TORONTO.	
	Per M. Pl.
1 inch No. 1 Pine cuts and better	\$48.00 to \$50.00
1½ to 2 inch No. 1 cuts and better	51.00
1½ to 2 inch No. 3 cuts and better	39.00
1 inch Pine Dressing and better shorts	25.00
1 x 4, 6 and 8 Common	18.00
1 x 10 and 12 Common	19.00
1 inch mill run sidings	21.00
1 inch mill run	20.00
1 x 10 and 12 mill culls	15.00
1 inch dead cull sidings	12.00
1½ inch Flooring	26.00
2 x 4 to 10 inch, 10 to 16 feet	15.00
2 x 4 to 10 inch, 18 feet	16.00
1½ inch No. 1 4 ft. Pine Lath	3.40
1½ inch No. 2 4 ft. Lath	3.00
1½ inch No. 1 4 ft. Hemlock Lath	2.80
XXX Cedar Shingles	2.90
B. C. Shingles	2.90
XXX 6 butts to 2 inch	2.90
XXXX 6 to 2½ inch	3.15
XXXXX 5 to 2 inch	3.40

HARDWOODS—PER M. FEET CAR LOTS.	
Ash, white, 1sts and 2nds, 1 to 2 inch	\$33.00 to \$35.00
Ash, black, 1sts and 2nds, 1 to 1½ inch	27.00
Elch, M. R. 2 inch	22.00
Elch, M. R. 1½ inch to 2	23.00
Basewood, Common and better, 1 to 1½ inch	24.00
Basewood, 1½ to 2 inch	25.00
Elm, soft, mill run, 1 to 1½ in.	23.00
Elm, rock, mill run, 1 to 1½ in.	24.00
Maple, common and better, 1 to 1½ inch	21.00
Oak red plain, 1sts and 2nds, 2 to 4 inch	44.00
Oak, white, 1sts and 2nds, 1 to 1½ inch	47.00
Oak, quartered, 1sts and 2nds	70.00

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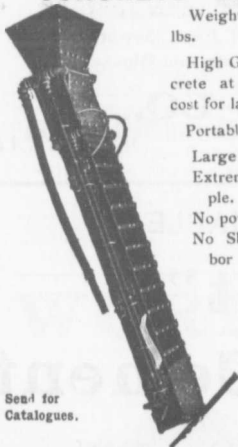
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CONCRETE MIXER**



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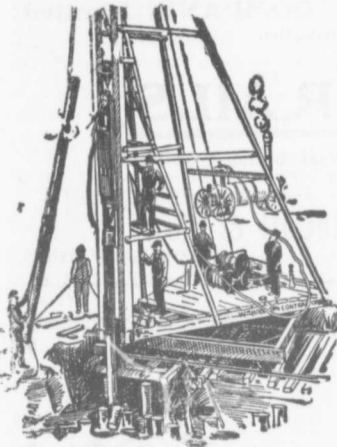
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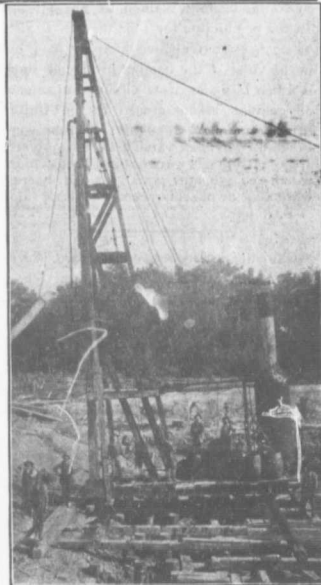
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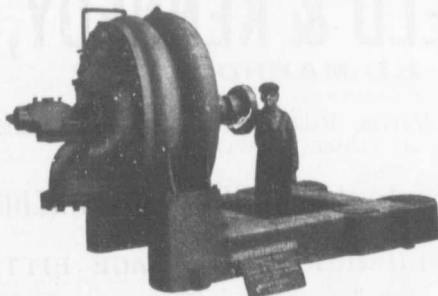
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The cement output in the United States in 1904 is reported by the Geological Survey as follows: The total production of Portland, natural-rock, and slag or puzzolan cements in 1904 was 31,675,257 barrels, valued at \$26,031,920. These figures show a marked falling off in price when compared with prices for 1903. The production for 1903 amounted to 29,899,140 barrels of hydraulic cement, valued at \$31,931,341. In the production for 1904 there is a gain of 1,776,117 barrels over that for 1903, but in the value of the cement produced there is a loss of \$5,899,421. Of the total amount of cement manufactured in the United States in 1904, 26,505,881 barrels were Portland cement, valued at \$23,355,119; 4,866,331 barrels were natural-rock cement worth \$2,450,150; and 305,045 barrels were slag or puzzolan cement, with a value of \$226,651.

Rainville & Lussier, contractors, Farnham, Que., have dissolved.

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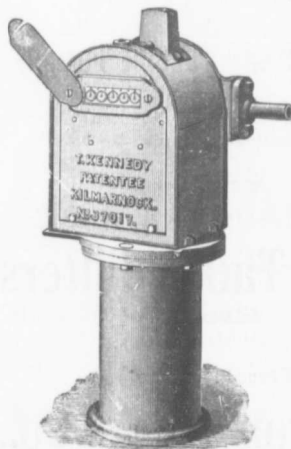
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Moulded and Ornamental from \$2.00 to \$5.00 per 1,000	
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Red Peerless Facing.....	\$16 00	\$21 50
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Brown Peerless Facing.....	20 00	25 50
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Buff Peerless.....	20 00	25 50
" No. 1.....	18 00	23 50
" No. 2.....	15 00	20 50
Moulded and Ornamental Brick from \$3 to \$10 per C.		
Roman Red (Size 2 1/4 x 2 1/4 x 1 1/4 in.).....	39 00	35 50
" Buff.....	39 00	35 50
" Brown.....	34 00	39 50
Vitrified Paving Brick No. 1.....	18 00	23 50
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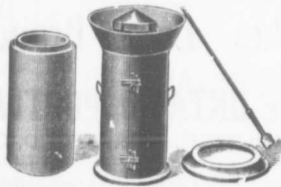
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Wood Fiber Plaster, neat ".....	" 7 00
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Canadian (Packages, 350 lbs. net.):			
Eathen's Star.....	1 75	2 00	2 20 2 30
Trowel.....			1 85 1 95
Samson.....	1 75	1 85	
Magnet.....	1 35	1 65	
Monarch.....	1 60	1 90	1 90 2 00
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Imperial.....		1 80	
Crescent 375 lbs. gross.....	2 30	2 40	1 95 2 05
Diamond 350.....	2 20	2 30	1 85 1 95
"Blue Lake" Branford 1 70 2 00			
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Aisen.....			2 25
Lehigh, in bbls., 375 lbs.:	2 35	2 30	2 20
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paper bags.....	2 10		1 85
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"Invicta".....		1 65 1 75	
"Adirondack" " ".....		1 50 1 65	
Old Reliable "Giant" (350 lbs. net per bbl.).....	1 75	1 85	1 80 2 00
"Improved Union".....	1 65	1 75	1 70 1 90
"Union".....	1 50	1 60	1 50 1 70
Vulcanite (The Toronto Pottery Co., Limited Toronto) 350 lbs. per bbl. (bags included):			
in paper bags.....	2 20		
"wooden bbls.....	2 40		
cotton bags.....	2 30		
English (in Barrels):			
Brook's Shoobridge Anchor.....	2 35	2 40	2 00 2 10
Whites.....	2 35	2 40	2 05 2 15
Belgian (in Barrels):			
"Jason".....	2 60	2 70	2 20 2 30
Hammer.....			1 80 1 90
White Star.....	2 15	2 25	1 90 2 00
German (in Barrels):			
Offenbacher.....			2 35
Aisen.....	2 65	2 75	2 40
Dyckerhoff.....	2 65	2 75	2 40
Hercules.....	2 25	2 35	2 10



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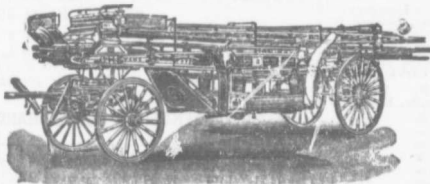
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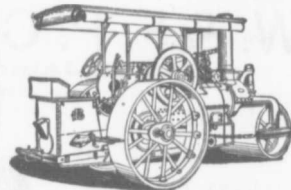


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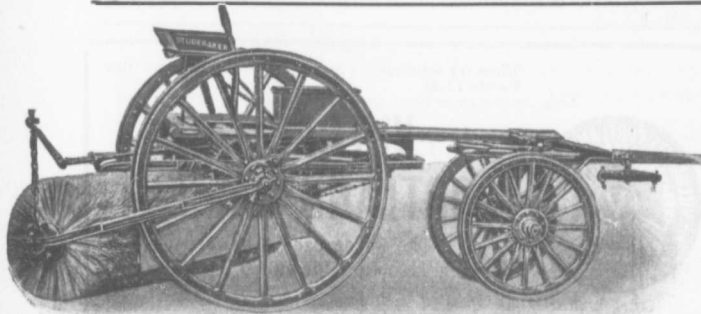
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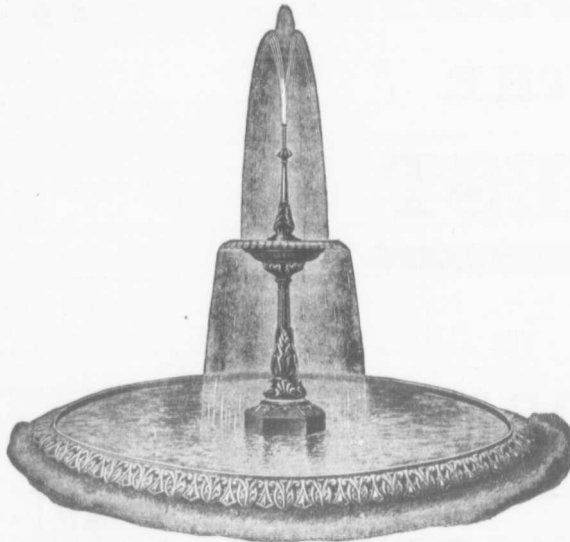
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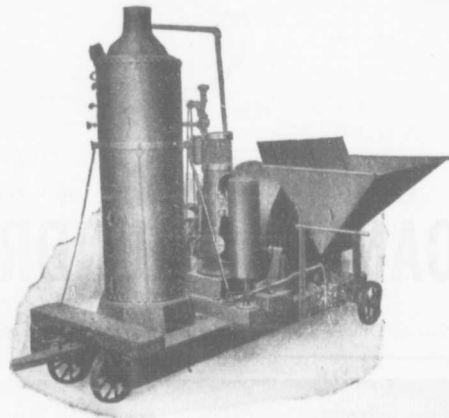
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