

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. 15.

TORONTO, MONTREAL AND WINNIPEG, SEPTEMBER 21, 1904

No. 32

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Owen Sound, Ont.

TENDERS WANTED

Sealed tenders addressed to the undersigned will be received up to 5 o'clock p. m. on MONDAY, 26TH INST., for the erection of "Two Stone and Concrete Bridges," over Underwood's Creek in the Town of Collingwood, one on Third street and one on Sixth street. Plans and specifications can be seen at the office of John Wilson, Temple Building, Collingwood. The lowest or any tender not necessarily accepted.

D. C. BARR,
For Chairman of Works Committee,
Collingwood, Ont.
Sept. 14th, 1904.

TO EXCAVATORS AND OTHERS

Tenders will be received by the undersigned until the 25th INST. for the necessary excavation work required in connection with the erection of a building on premises Nos. 8 and 10 King street west. Contractors when estimating will be required to send in their tenders based on the cost of the work per cubic yard, including the removal of all old buildings, debris, earth, etc., off the premises.

Contractors to state in their tender what allowance will be made for the material contained in old buildings. Plans of the proposed new building can be seen and all other information obtained at the offices of the architect.

R. J. L'ENNOX, Architect,
Toronto, Ont.

NOTICE TO CONTRACTORS

Scaled tenders will be received by the undersigned for the construction of the Hunter drain in the Township of Mornington. Plans and specifications can be seen in the office of John Watson, Township Clerk. The lowest or any tender not necessarily accepted.

JOHN DAVIDSON, Reeve,
Township of Mornington, Buras, Ont.

TENDERS

Tenders will be received by the undersigned up to NOVEMBER 1ST, 1904, for the construction of a System of Waterworks and Sewerage for the Town of Summerside, P.E.I., according to plans and specifications made by Mr. R. C. Lea, C.E., of Montreal. Plans and specifications may be seen at the Town Clerk's office, Summerside. The lowest or any tender not necessarily accepted.

H. J. MASSY, Town Clerk,
Town of Summerside, P.E.I., Aug. 10, 1904.

CITY OF KINGSTON

Applications for the position of City Engineer of the City of Kingston, Ont., will be received by the undersigned up to noon of SEPTEMBER 29TH. Applicants are requested to send testimonials and state salary expected.

L. W. SHANNON, City Clerk,
Kingston, Ont.

CONTRACTS OPEN.

MEDORA, MAN. — A. Barton is about to erect a new store.

CHATHAM, ONT. — James Sutor purposes building a new warehouse.

MAXVILLE, ONT. — Mr. Dousset, Reeve, intends building a new residence.

FERNIE, B. C. — The Church of England congregation will build a new edifice.

ROSSLAND, B.C. — It is stated that P. Burns & Co. intend building a brick block here.

LISTOWEL, ONT. — The Council are considering the construction of macadam pavements.

HEWARD, N. W. T. — It is stated that B. Hollingquist will build a hotel here to cost \$10,000.

GALT, ONT. — Ground has been broken for the new foundry to be built by the Down Draft Furnace Co.

BERLIN, ONT. — The Berlin and Waterloo Street Railway Co. purpose building a new power house.

PORT HOPE, ONT. — The Standard Ideal Manufacturing Co. purpose erecting additional factory buildings.

NEW GLASGOW, N. S. — The Nova Scotia Telephone Co. will at once erect a brick and stone building here.

ATHENS, ONT. — A by-law to raise \$5,000 for the completion of the town hall was carried here on Monday last.

BRANDON, MAN. — W. Walker, Box 549, wants bids by October 1st for purchase of \$42,000 4 per cent. school debentures.

REGINA, N. W. T. — The contract will likely be awarded this week for construction of machinery foundations at the municipal power house.

TORONTO JUNCTION, ONT. — There is an agitation in favor of the construction of a permanent pavement on Keele street north.

PENETANGUISHENE, ONT. — The Grand Trunk Railway Co. have decided to build a bridge at the crossing at the west end of the town.

MONTREAL, QUE. — It is understood that Allis-Chalmers, Limited, intend building a large extension to their power house at Rockfield.

WAPELLA, N. W. T. — A by-law granting a loan of \$2,000 the Agricultural Society to enable them to build a hall was carried last week.

FORT WILLIAM, ONT. — The Ogilvie Milling Co. are having plans prepared so as to commence the foundation work for their new mill this fall.

GODERICH, ONT. — The Alexandria Marine Hospital, for which J. A. Fowler prepared plans, will not be built this year, owing to scarcity of material and labor.

WINDSOR, ONT. — The D. B. I. & W. Ferry Co. have purchased 158 feet of frontage between Ferry street and Hurley's Dock on which they will erect a coal shed.

ST. PAUL, QUE. — R. D. Dunn, Secretary-Treasurer of the municipality, has just taken bids for certain works of piping in connection with the flushing of sewers.

INDIAN HEAD, N.W.T. — J. M. Thomson, secretary-treasurer for the municipality, will receive bids up to 30th inst. for the purchase of \$7,000 6 per cent. debentures.

LINDSAY, ONT. — The Water Commissioners have decided to engage Robert Spurr Weston, consulting engineer, of Boston, to advise regarding the water supply.

VERNON, B. C. — W. Meredith, consulting engineer for the Vancouver Power Co., has been looking into the possibility of operating the electric light plant here by water power.

TILBURY, ONT. — It is reported that the Merchants Bank are negotiating for property on the corner of Queen and Young streets for the purpose of erecting a bank building thereon.

SYDNEY, N. S. — The Department of Public Works, Ottawa, are asking for tenders up to Monday, 26th inst., for

additions to the heating apparatus in the public building here.

PORTAGE LA PRAIRIE, MAN.—Bids will be received by A. E. Ireland up to 30th inst. for purchase of \$20,000 5 per cent. school debentures.

FREDERICTON, N. B.—C. H. La-Billois, Commissioner of Public Works, is asking for tenders up to 26th inst. for building Upper Jemseg high water wharf in parish of Cambridge.

BRACEBRIDGE, ONT.—The Dominion Government is asking for tenders up to Wednesday, October 12th, for the construction of a wharf at this place. Plans on application to the postmaster.

RIVER HEBERT, N. S.—The Minudie Coal Co. are asking for tenders by September 24th for building six miles of railway between River Hebert and Minudie, Cumberland county.

AMHERSTBURG, ONT.—The Council will submit a by-law to the ratepayers to raise \$6,000 for the purpose of installing a new pump at the waterworks. Voting will take place on October 18th.

CORNWALLIS, N. S.—A company has been formed to purchase the water power on the Gaspereaux river with the object of supplying electric light and power throughout the surrounding district.

HESPELER, ONT.—Clark & Demill, manufacturers of wood-working machinery, Galt, Ont., have offered to remove their factory to this village if given a loan, and the matter will be submitted to the citizens.

NAMAIMO, B. C.—The Town Council are taking steps to procure a better water supply, for which purpose wooden piping will be laid to Long Lake. The estimated cost of the work is \$25,000.

SUSSEX, N. B.—Gilbert Murdoch, C. E., has been engaged to take the levels of the different streams in the vicinity with the object of advising as to the most suitable supply for a waterworks system.

NELSON, B. C.—W. Teetzel, of Nelson, has been instrumental in forming a company to construct a railway into the Kootenay coal fields. The company will begin preliminary surveys within two months.

QUEBEC, QUE.—At a meeting of the provisional directors of the Atlantic, Quebec and Occidental Railway Co. held last week, it was decided to enter into a contract immediately for the construction of the road.

PARRY SOUND, ONT.—The Conger Lumber Co., of this place, intend building a stove factory on Moon River Bay.—A by-law to raise \$16,000 for local improvements was carried by the ratepayers on the 9th inst.

GUELPH, ONT.—A by-law will likely be submitted to the Council to raise \$5,000 for the installation of a new filter at the waterworks and \$5,000 for the completion of the extension of the street railway to Union Cemetery.

MAGOG, QUE.—The Dominion Government has decided to build the new post office on corner of Main and Pine streets.—The Council are negotiating for the purchase of five acres of land on top of Pine Hill for a reservoir.

BRANTFORD, ONT.—The Barber-Ellis Co. have had plans prepared for a warehouse 120 x 48 feet, frame, with galvanized sheeting.—The Paris Plow Co. are this week taking tenders for the erection of a three-storey warehouse, metal-clad.

ST. THOMAS, ONT.—Norsworthy & Co. have purchased the Pavey residence and will utilize the ground for an extension of their foundry.—It is expected

that the Michigan Central Railway Co. will shortly commence the construction of a subway at Ross street.

STRATFORD, ONT.—The City Council will probably submit a by-law to the people to raise \$3,000 for a mortuary chapel at the cemetery.—The Water Commissioners have engaged Willis Chipman, C.E., of Toronto, to report on an improved water supply for the city.

COLLINGWOOD, ONT.—C. F. Freer, manager of the Bank of Montreal, has purchased 75 feet frontage on Third street, on which he will build a modern brick residence.—The Town Council have decided to construct a new steel and cement bridge over Underwood's creek at Third street.

PORT COLBORNE, ONT.—The Hickson Bed Manufacturing Co., of Muncie, Indiana, have made a proposition to the Council to establish a Canadian factory here.—The Humberstone Club are forming a company with a capital stock of \$40,000 to build a wharf, club-house and boat-house.

LONDON, ONT.—City Engineer Graydon is preparing plans for asphalt pavement on Queen's avenue and the bitulithic pavement on Dundas street east, and expects to place these works under contract shortly.—The Western Cordage Co., recently incorporated, propose to erect a large factory in this city.

LETHBRIDGE, N. W. T.—A by-law will be submitted to the ratepayers to grant exemption from taxation to the Canadian Pacific Railway Co., who agree to build a brick and stone passenger depot, a freight shed 500 feet long, a ten-stall round house, and several miles of siding.

HUNTSVILLE, ONT.—Mr. Moffatt, of the Moffatt Stove Co., Weston, has purchased property at Springbank, near here, on which he will build a cottage next year.—The Grunwald Resort Co. intend building an addition to their hotel, containing 36 bedrooms and 4 bathrooms.

OWEN SOUND, ONT.—Maitland, Rixon & Co., of this town, contemplate the erection of a large saw mill at Lake Manitou, on the Manitoulin Island.—Hon. Mr. Prefontaine, Minister of Marine and Fisheries, is expected to visit this town shortly to inspect the proposed site for the Georgian Bay hatchery.

VICTORIA, B. C.—W. S. Gore, Deputy Commissioner of Lands and Works, desires tenders by the 22nd inst. for the construction of a sewerage disposal plant at Vernon gaol, Okanagan district.—Thomas D. Sedger, architect, has prepared plans and taken tenders for the construction of a frame residence on Esquimalt road for G. Bridle.

SAULT STE. MARIE, ONT.—The Department of Railways and Canals at Ottawa are asking for tenders up to 30th inst. for deepening and widening the channel east of the Vidal shoal of the upper channel of the canal. Plans at the canal office, this place. Tenders have just been taken for an extension to the south entrance pier at the upper entrance of the canal.

VANCOUVER, B. C.—The British Columbia Distillery Co. purpose establishing a vinegar plant in this city, at a cost of \$10,000.—The British Columbia Electric Railway Co. intend to extend their road 1 1/2 miles from Esquimalt to the Gorge bridge.—The transfer of the site for the new Y.M.C.A. building has been completed and the work of erection will be commenced at an early date.

HAMILTON, ONT.—Stewart & Witton, architects, have completed plans for a two storey wing to the General Hospital, to cost \$20,000. Another storey to one of the present wings has been sug-

gested, and the City Council will likely be asked to submit a by-law to the ratepayers to raise \$30,000 for the work.—David Brown will build a residence on corner of Stanley ave. and Queen street, to cost \$2,000.—The Ontario Lantern Co. have decided to rebuild their factory.

HULL, QUE.—The George Matthews Co. are considering the enlargement of their pork packing and meat curing establishment.—F. N. Hamel, city engineer, has recommended the construction of the following works: Laying 8,177 feet of board walks, cost \$5,399; 4,877 feet of concrete walks, cost \$4,716; 5,110 feet of sewer, cost \$16,991; 995 feet of small drains, cost \$865.—The Granite Wall Paper Company, a United States concern, have been granted exemption from taxation for five years to build a factory in this city.

OTTAWA, ONT.—Henry McLeod, Government engineer, has gone to make the necessary surveys for the extension of the Rideau canal. The work will begin as fast as the surveys are made.—The Department of Public Works will likely call for tenders this week for the erection of the new Victorian Memorial Museum at the foot of Metcalfe street. The building will be four stories, 440 x 50 feet, with two wings of a depth of 126 feet. It will be constructed entirely of Nova Scotia stone, relieved by Neapean sand-stone, and will cost about \$1,000,000.—Plans for the Canadian branch of the Royal Mint are nearing completion.—The City Engineer has recommended the construction of a second outlet to the tail race at the pump house, at a cost of \$6,000.—A movement is on foot to increase the flow of the Ottawa river. It is proposed to dam the northern outlet of Long Lake and to divert the water in a southerly direction into the Ottawa river. It is further planned to build a series of retaining dams lower down the river to hold back the water at certain periods and provide a sufficiency for periods of low water.

WINNIPEG, MAN.—James Chisholm, architect, is this week taking tenders for erection of a frame addition to Mrs. Gallie's boarding-house on Ross street; stone foundation, 3 stories, galvanized iron roof, furnace, plumbing, wiring, etc.—John Schwab, architect, has just taken tenders for the erection of a stone and brick German club-house on Heury ave.—The School Board will shortly call for tenders for the supply of single adjustable school desks.—H. S. Griffith, architect, is taking tenders this week for additions and alterations to the Evans Gold Cure building, Balmoral street.—It is understood that plans have been prepared for a fine hotel to be built at Winnipeg Beach by two prominent business men of the city. The building will be 100x140 feet, 4 stories high, built of British Columbia fir, with hardwood finish, and will cost about \$30,000. Part of the foundation will be put in this fall.—J. H. G. Russell, architect, has prepared plans for the Wilson block, 105x45 feet, 5 stories, cost \$60,000.—It is understood that Darling & Pearson, architects, of Toronto, under instructions from the Dominion Government, have prepared plans for the post office building to be built in this city and that tenders will be invited at an early date for the excavation and basement walls and for the steel structural work.

TORONTO, ONT.—E. J. Lennox, architect, is asking for tenders up to 23rd inst. for erection of a new building at 8 and 10 King street west.—Plans of wharf to be built at Bracebridge, Ont., may be seen at the office of H. A. Gray, C.E., Confederation Life Building. Tenders close October 12.—The Board of Control will let contracts this week for furnishing

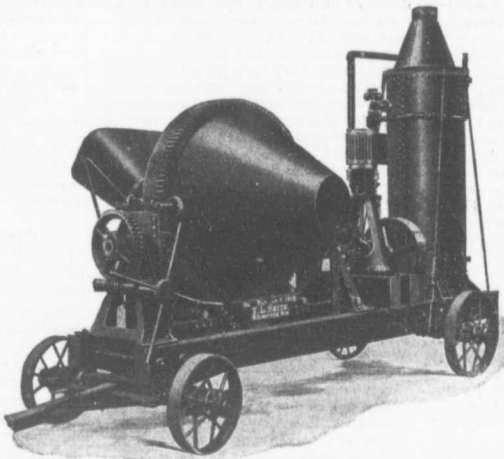
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two steam fire engines and two hose wag-
gons.—The Purity Manufacturing Co. in-
tend building a soap factory at the cor-
ner of Florence and Brock streets.—The
City Council have decided to submit a
by-law to the ratepayers at the January
elections authorizing the issue of \$40,000
of debentures for the installation of a
municipal telephone system.—The Ma-
sonic Order of this city are giving con-
sideration to the question of erecting a
building of their own. S. G. Curry, ar-
chitect, has reported that a suitable build-
ing could be erected for \$80,000, the site
suggested being near the corner of Col-
lege street and Spadina ave.—The City
will probably purchase another sand
pump.—The City Engineer has recom-
mended the construction of the following
works: Roadways—Withrow ave., tar
macadam, from Broadview ave. to a point
1,062 feet east, \$5,667; Jarvis street,
asphalt, from King to Queen street,
\$16,365; lane west of York street, run-
ning north from Front street, brick pave-
ment, \$1,227; lane, first east of Yonge
street, running north from Shuter,
concrete pavement, \$802; Pape ave., from
Queen street to Gerrard street, tar maca-
dam, \$13,639. Cement sidewalks—De-
fries street, west side, from Radenhurst
to Mark, \$70; Armstrong ave., south
side, from Dufferin to west end, \$388;
Armstrong ave., north side, from Dufferin
ave. to west end, \$388; Wheeler ave.,
west side, from Queen to a point 200 feet
north, \$61; Gerrard street, north side,
from Howland road to a point 103 3-4
feet east, \$125; Bathurst street, west
side, from Arthur street to Woolsley,
\$1,862; Jarvis street, west side, from
Queen street to Lombard, \$1,485; Wil-
ton ave., north side, from Ontario to Ber-
keley, \$368; Robert street, west side,
from College street to a point 670 feet
north, \$789; Oak street, south side,
from Parliament street to Sumach,
\$2,621; Dermott place, west side, from
Spruce street to Carlton, \$490; Queen
street, south side, from Simcoe street to
Duncan, \$1,317; Elm street, south side,
from Terauley street to Elizabeth, \$463;
Tiverton ave., east side, from First ave.
to South ave., \$683; Bellevue place,
north side, from Bellevue ave. to west
end, \$561; Czar street, north side, from
North street to a point 101 1-2 feet west,
\$122; Queen street, south side, from Su-
mach street to River street, \$763.—The
Works Committee have recommended the
construction of two groyne to protect the
shore just east of the Eastern gap.—
Building permits have been granted as

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A. G. C. DINNICK, Managing Director
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follows : I. H. Hamlyn, pair semi-detached two-storey and attic dwellings, 58 and 60 Denison ave., cost \$5,000 ; J. Fletcher, two-storey rough-cast store and dwelling, south-west corner Bolton ave. and Gerrard street, cost \$2,000 ; Edward Leadlay, two-storey stone dwelling, Hawthorne ave., near Dale street, cost \$6,500 ; G. T. Chisholm, two-storey frame dwelling, brick foundation, Wheeler ave., near Queen street, cost \$1,200 ; Mrs. Louisa Deacon, two-storey frame store and dwelling, corner Elmer ave. and Queen street, cost \$2,000 ; M. O'Dea, two-storey brick dwelling, south-east corner Logan and Danforth ave., cost \$2,300 ; F. Males, two-storey rough-cast dwelling, Margueretta street, near College, cost \$1,400 ; R. H. Smith, two-storey and attic brick and stone dwelling, Rusholme road, near Hepburne street, cost \$1,800 ; S. Lanskill, two-storey and attic dwelling, Pine Hill road, near Rose-dale, cost \$4,000 ; Thomas McIlwain, two pair semi-detached two-storey dwellings, 177 and 183 Sorauren ave., cost \$10,000 ; Mrs. A. Whale, two-storey brick dwellings, Huron street, near Bernard ave., cost \$2,400 ; Samuel Young, jr., one pair semi-detached three-storey brick dwellings, Davenport road, near Bedford, cost \$3,000 ; Crescent Concrete Paving Co., two-storey stable and driving shed, brick and concrete, Wellington street, near Spadina ave., cost \$2,000 ; Henry Larkin, two-storey and attic brick dwelling, corner of Leopold street and Dowling ave., cost \$4,000 ; Hanks & Son, two-storey and attic brick and concrete dwelling, Lansdowne ave., near College street, cost \$2,500 ; A. W. Allingham, two-storey rough-cast dwelling, Smith street, near Pape ave., cost \$1,800 ; T. C. Sheppard, one pair semi-

detached two and a half storey brick dwellings, Dupont street, near Walmer road, cost \$3,200 ; Stephen Hernbow, one pair semi-detached two and a half storey brick dwellings, Wright street, near Roncesvalles ave., cost \$4,400 ; C. W. Robinson, two-storey rough-cast dwelling, Brooklyn ave., near Queen street, cost \$1,600 ; George Daniel Platt, two-storey brick dwelling, Booth ave., near Eastern, cost \$1,700 ; William Switzer, one pair semi-detached two and a half storey brick dwellings, 248 and 250 Dundas street, cost \$5,000 ; E. F. Ely, one pair semi-detached two-storey rough-cast dwellings, 26 and 28 Salem ave., cost \$2,500 ; James Caskie, two-storey rough-cast dwelling, 257 Bain ave., cost \$1,200. —Tenders are wanted at 473 Brock ave. for excavation, stone work, brick work and plastering of pair of brick houses on Wright ave.

FIRES.

Saw mill of the King Lumber Co. at Cranbrook, East Kootenay, B. C., totally destroyed ; loss \$25,000.—Saw mill of William Currie & Co. at Eel River, N.B., almost totally destroyed ; loss \$5,000.—Factory of the Ontario Lantern Company, Hamilton, Ont., damaged to extent of \$3,000.—Grist and saw mill at Salisbury, N. B., owned by A. A. Brown, totally destroyed ; small insurance.—There was a disastrous fire at Halifax, N. S., last week, when property to the value of \$300,000 was destroyed. The individual losses are : Plant Line wharf, \$30,000 ; Al. Jones & Co., \$500 ; Dominion Coal Co. sheds and coal, \$5,000 ; Dominion Packing Co., \$5,000 ; M. Neville, 10sters and supplies, \$10,000 ; Matthew Lannigan, furniture, \$1,000 ; Thomas J. Egan, stock, \$10,000 ; Thomas J. Egan, build-

ing, \$4,000 ; R. R. Kennedy, stock, \$40,000 ; R. R. Kennedy, two buildings, \$9,000 ; A. Collins, two buildings, \$7,000 ; John Clouston, liquors, \$2,000 ; E. M. Boutillier, fish, \$3,500 ; French House, Capt. Simmons, furniture, \$2,000 ; William Robertson & Sons, stock and building, \$40,000 ; A. L. Doyle & Co., \$1,000 ; D. P. Mitchell & Sons, \$30,000 ; N. & M. Smith, \$106,000. The warehouses of Pickford & Black, Halifax, N.S., were destroyed by fire on the 19th inst., at a heavy loss.

CONTRACTS AWARDED.

ROSTHERN, N.W.T.—Elevator for the Union Supply Co. : Wilker & Co., contractors.

WALKERTON, ONT. — \$1,398.74 town debentures : W. C. Brent, Toronto, purchaser.

SEAFORTH, ONT.—New Bank of Commerce building : F. Gutteridge and Harry Edge, contractors.

FREDERICTON, N.B. — Remodeling the Whittaker House for W. G. Clarke : Moses Mitchell, contractor.

WINDSOR, ONT.—Painting interior and exterior of new city hall : Euclid Jacques, successful tenderer, \$1,545.

BRIDGEBURG, ONT.—Post office and custom house for the Dominion Government : J. E. Cutler, of Welland, contractor.

EAST TORONTO, ONT.—Concrete sidewalk on Main street and Lyall ave. : J. Grogan, successful tenderer, 90 cents and 75 cents respectively.

FORT WILLIAM, ONT. — The council have decided to purchase a rock crusher from Hugh Cameron & Co., Toronto, at the price of \$1,200.

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GALT, ONT.—New building for the Galt Down Draft Furnace Co. : Carpenter work, John McLennan, Galt ; masonry, by day labor ; other trades not let.

MACCAN, N. S.—Intercolonial Railway station : Rhodes, Curry & Co., of Amherst, contractors. Building will be two stories, brick and stone, cost \$7,000.

SYDNEY, N.S.—The Dominion Coal Co. have awarded a contract to Aktieselskabet Borgestad, of Forgrund, Norway, to build three large steel steamers for the company.

WINNIPEG, MAN.—James Chisholm, architect, has let the contract for stone basement under warehouse of the Dyson Co. on Higgins ave. to McVay Bros., cost \$4,500.

ST. JOHN, N. B.—Construction of warehouse on the McLeod wharf : D. W. Clarke & Son, successful tenderers, \$13,793. R. J. Green tendered at \$14,900 and G. S. Mayes at \$15,990.

CHATHAM, ONT.—The tender of Blight & Fielder has been accepted for construction of asphalt block pavement on McLean street, at \$2.50 per yard, and 58 cents per foot for curb and gutter.

GALT, ONT.—Bridge over Grand river in North Dumfries Township : Hamilton Bridge Co., successful tenderers, \$4,320. Other tenderers, John McLennan, Galt ; Southwick and Kent, Burford ; Hunter Bridge Co., Kincardine.

WELLAND, ONT.—The contract for conductors for the electrical transmission and distribution circuits for the Welland canal has been awarded to the Northern Aluminium Co., of Shawinigan Falls, Que.

VICTORIA, B.C.—The contract for the construction of the foundation of the new C.P.R. hotel has been awarded to the British Columbia General Contracting Co., which is a branch of the Puget Sound Bridge & Dredging Co. It is understood that the contract price is upwards of \$80,000.

TORONTO, ONT.—E. J. Lennox, architect, has accepted the following tenders for distribution station on Davenport road for the Toronto and Niagara Power Co. : Brick, stone, cut stone, cement and carpenter work, E. Gearing ; excavating, T. J. Kelly ; steel and iron work, Canada Foundry Co. ; galvanized iron work, J. Gillen ; painting, A. M. Brown ; plastering, Hoidge & Sons. The total cost will be about \$100,000.—The Toronto & Niagara Power Co. have awarded the contract for four turbines for their power house at Niagara Falls to the I. P. Morris Co., of Philadelphia.

OTTAWA, ONT.—Erection of Dominion Archives building : W. H. Gillivray, Ottawa, successful tenderer, price about \$50,000. The building will be 100 x 50 feet, 3 stories and basement, brick with stone dressings.—Louis Lachance, of this city, has been awarded the contract for construction of new wharf at De-

Repentigny, Assomption County, Que. to cost about \$11,000.—The Department of Public Works have awarded the following contracts : Post office at Campbellton, N.B., to Harquail Bros., of Campbellton ; post office at Sydney Mines, C.B., to James Reid, of Halifax ; wharf at Chamford, on Lake St. John, to Arthur Tremblay ; wharf at St. Jean des Chailons, in Lotbiniere County, to Charles Page, of Three Rivers.

BIDS.

TORONTO JUNCTION, ONT.—The following tenders have been received for plumbing in schools : Carleton school—R. Patterson, \$1,749 ; J. Ritchie, \$1,761 ; S. Ryding, \$1,704. Western ave. school—R. Patterson, \$955 ; S. Ryding, \$984.

NEW COMPANIES.

Manitoba Gypsum Co., Limited, Winnipeg, Man., incorporated, capital \$450,000, to acquire the property and plant of the Union Cement Co. C. W. Sharp, Hugh Sutherland, James Fisher, Winnipeg, and others.

G. C. Emerson Bedding Co., Limited, Winnipeg, Manitoba, incorporated, capital \$50,000, to manufacture furniture, bed springs, etc. G. C. Emerson, A. J. McNeil and others.

Griswold Milling Co., Griswold, Man., incorporated, capital \$20,000.

Bromley & Hague, Limited, Winnipeg, Man., incorporated, capital \$40,000, to manufacture tents, awnings, tarpaulins, hammocks, etc. Edwin Bromley, C. C. Hague, Richard W. Pike, manufacturers ; John D. McArthur, George H. Strevel, contractors, all of Winnipeg.

Export Lumber & Shingle Co., Vancouver, B.C., incorporated, capital \$50,000, to manufacture and deal in lumber products.

Victoria Acetylene Manufacturing Co. of Canada, incorporated at Fredericton, N.B., capital \$25,000, to manufacture gas machines, generators, purifiers, etc. Incorporators, J. H. Whitman, Port Dufferin, N.S. ; James Hunter, St. John, N.B. ; Joseph Heaton and W. J. Smith, Hampton, N.B. ; R. G. Edgecombe, Fredericton, N.B.

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Moncton, N.B., incorporated, capital \$8,000, to acquire and extend the business carried on by Bishop, Leger & Co. at Moncton. Incorporators, F. Bishop, manufacturer, Moncton ; C. W. Dobson, lumberman, of Weldon, and others.

St. John Ladder Co., Limited, St. John, N.B., incorporated, capital \$10,000, to manufacture ladders, etc. Incorporators, A. C. Staples, G. H. McRobbie, St. John, and others.

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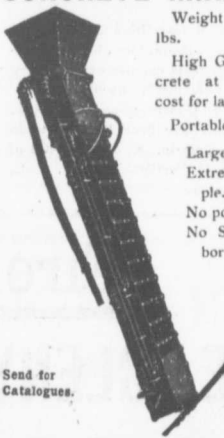
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ROOFING SLATES.

Mr. Harrison Watson, Curator of the Canadian Section of the Imperial Institute, London, Eng., sends the following report to the Dominion Government concerning roofing slates:

"A comprehensive report was made a year ago as to the demand for roofing slates existing in the United Kingdom and the favorable opportunity which apparently existed for the development of the Canadian slate deposits for export purposes. The matter was the subject of subsequent correspondence, but so far little has resulted. The principal Canadian quarry is already too fully occupied with the home demands to attend to export trade and other owners of deposits lack the capital necessary for their adequate development. In the meantime the slate deposits of Newfoundland are being opened up and samples of several quarries which have reached this country are highly spoken of by the trade. A some of the quarries are favourably situated for shipping purposes, Newfoundland's enterprise should be successful."

BUSINESS NOTES.

Dessuireau & Frere is a new firm of carpenters and joiners in Montreal.

Alex. Desmarteau has been appointed curator of the estate of P. E. Ruel, painter, Montreal.

The stock and plant of the Globe Paint Company, Limited, Toronto, is advertised to be sold by tender.

J. L. Forget has been elected president of the Suburban Power & Tramway Company, Montreal.

J. U. Leclaire and M. Grimard will do business in Montreal as contractors, under the firm name of Leclaire & Grimard.

Pierre Lapointe has registered as proprietor of the business of V. Lapointe & Company, plumbers and tinsmiths, Montreal.

E. G. Manhire and M. J. Quigley have registered as plumbers, steam-fitters, etc., Montreal, under the name of Manhire & Quigley.

The Mount McKay Brick & Tile Company, of Fort William, Ont., have installed a complete plant capable of producing upwards of 3,000,000 bricks in a season.

The Trussed Concrete Steel Company, Detroit, Mich., have been licensed to do business in Ontario, with a capital of \$40,000. A. R. Bartlett, Windsor, Ont., is their attorney.

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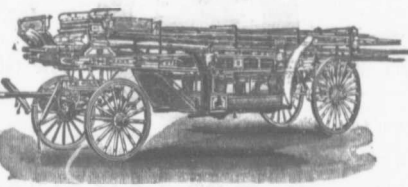
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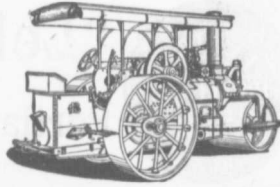
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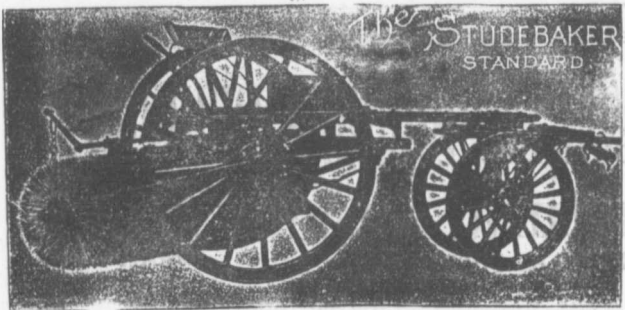
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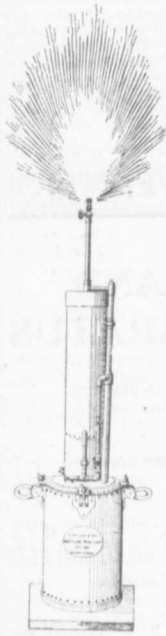
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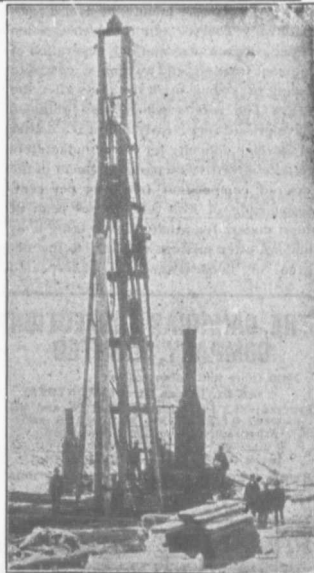
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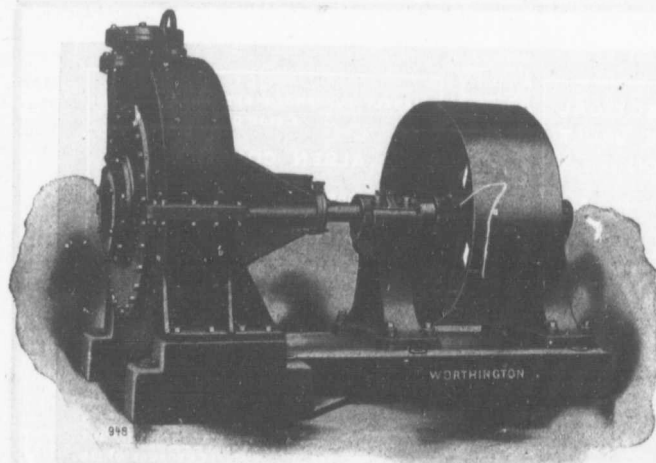
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DURABILITY OF BRIDGE PAINTS.

An investigation of certain structural paints contained in a paper read before the convention of the American Society for Testing Materials, by R. Job, chemist of the Philadelphia and Reading Railway, Reading, Pa., is of interest as showing the value of the fineness of the pigments compared with coarser ground pigments. In best paint experimented upon (No. 12) the particles were very minute, in No. 8 comparatively coarse. In the latter, when tested, there was a marked separation of pigment from oil, and an almost complete fading of colour upon the glass after the test. The results which were obtained have proved very clearly that it is a matter of extreme difficulty for the manufacturers to take a relatively coarse pigment of the desired composition (e.g., 25 per cent. sesquioxide of iron and 78 per cent. of inert material) and attempt to bring it by milling, after mixing with oil, to the degree of fineness specified." Repeated

milling adds to the cost of production without improving the quality. Dr. Dudley says that pigments can be made fine in the dry condition (i.e., without oil) much cheaper than after mixing with oil. We have also found that excellent fineness is commercially obtained in dry pigments high in sesquioxide of iron contents, and some such pigments will pass our fineness test when merely mixed with the proper proportion of raw linseed oil without any milling, and we have also found that an iron pigment which is relatively low in iron and which contains any considerable proportion of free silica, is exceedingly difficult to get into proper condition of fineness, unless by floating or perhaps by dry grinding, the cause being due to the difficulty of fine grinding of silica owing to its hardness. Our advice, then, in the manufacture of these inert paints, is to use enough finely-ground iron pigment, relatively high in sesquioxide of iron, and to have the remainder of the pigment com-

posed as largely as possible of the finest floated paper clay. Such a combination, if ground with raw linseed oil with the addition of a little japan of good quality, gives, according to the teaching of our service, results of high efficiency in the protection of structural work and of low cost.

BUILDING STRIKE ENDED.

The strike of builders' laborers in Toronto, which was inaugurated on August 15th, is now a thing of the past, the men having returned to work last week at the old scale of wages. The strike lasted twenty-four days. While the trades directly affected were the laborers and bricklayers, yet an account of the strike the other trades had to share in the loss, the total number of men involved being about two thousand. The total loss in wages is estimated at \$77,000. The cessation of work has permitted the brick-makers to accumulate a supply of bricks, and it is probable that during the balance of the season building operations will be very brisk.

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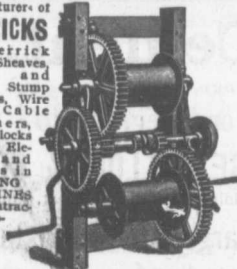
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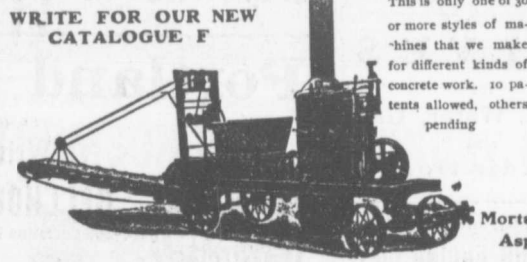
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ONTARIO MUNICIPAL ASSOCIATION.

At the concluding meeting of the Ontario Municipal Association held in Toronto on September 8th, the following important resolutions were carried:

1. That in cities and towns, fire insurance companies be required to file annually, on the first day of June, with the clerk of the municipality, a sworn statement showing their gross receipts and losses in such municipality for the preceding year to enable the municipality to determine whether the rates are equitable or otherwise.
2. That the councils of municipalities be given power to regulate the salaries of police magistrates, unless the body that appoints the magistrate pays the salary.
3. That sub-section of the municipal act be amended to provide that the finding of the property qualifications of candidates nominated for municipal councils shall apply to all cities and towns.
4. That section 481 be amended so as to provide for the annual appointment by the municipal council, at the first meeting of two persons (resident ratepayers) on the board of commissioners of police in addition to the mayor, the judge of the county court and the police magistrate.

That the expenses of registrations and

elections for the Ottawa legislature be borne by the province, and that this association present a petition to the Lieutenant Governor in Council in accordance therewith.

It was also carried unanimously that Ottawa's municipal fire insurance system be undertaken by municipalities. This motion would unite all the municipalities of the country in a fire insurance company to compete with fire insurance companies in existence.

MUNICIPAL IMPROVEMENTS AT BRANDON.

The authorities are now well under way with the new pumping station at Brandon, Man., the need for which has been occasioned by the increase in population. The new station is some 11 feet above water mark, which is considered to render it absolutely safe against the flooding to which the old station was subject. Two additional duplex pumps are being installed with a capacity of two million gallons. The station will be a one storey building, and will have an excellently arranged "filter gallery."

Provision has been made for the construction of some six miles of new concrete sidewalk, and the authorities have decided to do the whole of this work by day labor. They have been for some time closely checking the work done by day work and comparing it with that done by contract, with the result that their decision is in favor of day labor. Of 125,000 feet of concrete sidewalk laid this season, 40,000 feet was undertaken by the authorities and is said to have cost two cents per foot

less than the balance, which was placed under contract, besides which it is considered to be better work.

NOTES.

Mr. Thomas Beasley last week celebrated his fiftieth anniversary as city clerk of Hamilton and was the recipient of a congratulatory resolution from the City Council.

Presscake from sewage sludge presses has been burned by the aid of coal dust, according to Mr. James Ashton, whose paper on Disposal and Utilization of Sewage Sludge was printed in a recent number of "The Surveyor." He sprinkled about half a hundred weight of coal dust on each ton of sludge cake, but he states that the gases from the furnace should be passed into the flue of a destructor maintaining a temperature of 1,000 to 1,500 degrees; otherwise there will be a nuisance from the chimney.

Water was turned into the new high level reservoir at Hamilton on September 11th. The reservoir has a capacity of 2,500,000 gallons and is 240 feet above the lake level. It will maintain an even pressure in the city all the time. Only two pumps will be required at the beach where three are now kept going all the time, and a fourth has to be put into operation at times. The opening was marked with an appropriate ceremony. Mayor Morden presided and the chairman of the fire and water committee was presented with a silver wheel.

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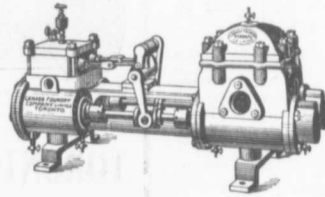
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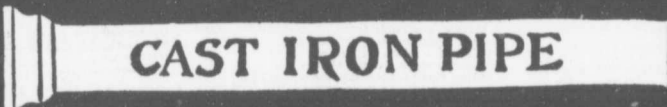
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