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CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL OF THE CANADIAN ARCHITECTURE

PUBLIC WORKS • TENDERS • ADVANCE INFORMATION • AND MUNICIPAL PROGRESS

EVERY WEDNESDAY

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

VOL. II.

FEBRUARY 14, 1900

No. 3

THE CANADIAN CONTRACT RECORD, PUBLISHED EVERY WEDNESDAY

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Advertising Rates on application.

Information solicited from any part of the Dominion regarding contracts open to tender.

TENDERS

Will be received up to SATURDAY, FEBRUARY 17TH, 1900, for the several trades, except Slating, required in the

ERECTION OF A RESIDENCE

for Dan. Scott, Esq. No tender necessarily accepted.
A. FRANK WICKSON, Architect,
Bank of Commerce Building, Toronto.



Tenders for Pavements

Tenders will be received, by registered post only, addressed to the Chairman of the Board of Control, City Hall, Toronto, up to noon on MONDAY, THE 16TH INST., for the following works:

ASPHALT PAVEMENTS:

Sussex Avenue, from Spadina Avenue to Burden Street.
Howland Avenue, from Bloor Street to Barton Avenue.
Lowther Avenue, from Spadina Road to Walmer Road.

CEDAR BLOCK PAVEMENTS:

Sumach Street, from King Street to Gerrard Street.
Claremont Street, from Robinson Street to Arthur Street.
Lippincott Street, from Nassau Street to College Street.
Henderson Street, from Manning Avenue to Clinton Street.
Manning Avenue, from Arthur Street to College Street.
Berryman Street, from Davenport Road to Hazelton Avenue.
Bellwoods Avenue, from Queen Street to Mansfield Avenue.
Claremont Street, from Arthur Street to Mansfield Avenue.
Mansfield Avenue, from Clinton Street to Bellwoods Avenue.
Arthur Street, from Euclid Avenue to Dundas Street.

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, February 14th, 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, 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, February 5, 1900.

Municipal Debentures

The Secretary-Treasurer of the Municipality of South Qu'Appelle is prepared to receive offers for the sale of 20 Years 6 per cent. Debentures.

Twenty at the par value of \$250.00 each.

J. C. STARR,
Secretary-Treasurer.

Qu'Appelle Station, N.W.T.,
January 4th, 1900.

TENDERS

Separate tenders will be received at the Architect's office until noon, SATURDAY, 17TH INST., for Brick work, Carpenter work, Painting and Concrete Floor required in making an addition to the factory of the Metallic Roofing Co., Limited, corner King and Dufferin Streets, Toronto.

HENRY SIMPSON, Architect,
9½ Adelaide Street East, Toronto.

No tender necessarily accepted.

TENDERS WANTED

Tenders will be received by the undersigned up to TUESDAY, FEBRUARY 20TH, for all work necessary in

Remodelling a Terrace of Three Houses for C. F. Wright, Toronto Junction. Plans and specifications may be seen at the office of the Architect. No tender necessarily accepted.

JAMES A. ELLIS, Architect,
9½ Adelaide St. East, Toronto.

A GREAT BARGAIN

FOR WATERWORKS CONTRACTORS

The undersigned have a quantity of First-Class new Hydrants and Valves for Waterworks to dispose of at specially low prices. Correspondence solicited.

MECHANICS SUPPLY CO.
54 St. Peter Street,
Quebec, Que.



Welland Canal

NOTICE TO CONTRACTORS

EXTENSION OF TIME

The time for receiving tenders for Improvements at Port Colborne has been extended until sixteen o'clock on MONDAY, THE 16TH FEBRUARY, 1900

By order,
L. K. JONES,
Secretary.

Department of Railways and Canals,
Ottawa, 24th January, 1900.

Newspapers inserting this advertisement without a authority from the Department will not be paid for.

WANTED

Immediately, Architectural Student. **DEAN** at
Hornwood, 28 Toronto Street, Toronto.

Notice to Contractors

The Board of Works of the City of Brantford will receive up to Twelve o'clock, noon, THURSDAY, THE FIRST DAY OF MARCH, tenders for a

12 and 16 Ton Double Engine Road Roller.

Contractors to supply full specifications and photographs of their respective rollers, to be delivered on the streets of Brantford not later than the first day of May, 1900.

The right is reserved to reject any or all tenders. Tenders to be addressed to **R. Waddington, Esq.**, Chairman of Board of Works, in care of **H. F. Leonard, Esq.**, City Clerk, and marked "Tenders for Road Roller."

Tenders Wanted

Tenders will be received by the undersigned up to noon of SATURDAY, MARCH 3rd, 1900, for the erection of a

Steel Highway Bridge and Stone Abutments

for the same in the Township of East Zorra. Abutments to be faced with quarry stone, about 11 feet in height, and of sufficient width to carry a bridge 14 feet wide. Length of bridge to be 60 feet. Tenders to be accompanied by plans and short specification of either abutments or bridge. Abutments to be completed on or before August 1st, 1900, and bridge two weeks later. The lowest or any offer not necessarily accepted. Tenders will be opened and contract awarded, if satisfactory, on the above date, at the Royal Hotel, Woodstock, at 2 p.m. Most envelope "Tender for Bridge, and address,

JAMES ANDERSON,
Clerk East Zorra, South Zorra P.O., Ont.

CONTRACTS OPEN.

WYOMING, ONT. — **C. H. Smith** will build a brick block.

FENWICK, ONT. — A sash and door factory will be established here.

SILVER FALLS, N.B. — Contracts have not yet been let for new church here.

OLDS, ONT. — **Code & McKee** have purchased property on which to build a store.

PORT HOPE, ONT. — The **Port Hope Carpet Co.** is looking for a new location.

BLAIR, ONT. — A motion to build a new school has been voted down by the rate payers.

OSTIC, ONT. — **Hugh Short**, **Edward Cox** and **W. Hindley** will each build residences.

ALMONTE, ONT. — Debentures for \$2,200 will likely be issued by the corporation.

WELLAND, ONT. — The contracts for the new school building have not yet been awarded.

BUCKINGHAM, QUE. — The new post-office will be built on the site of the old R.C. church.

WINDSOR, ONT. — The Ontario Legislature will be asked to permit the council

to proceed with macadam paving work this year, and to burrow money for the purpose.

MILLBANK, ONT.—Jos. Gibson will receive tenders up to 21st inst. for repairing school house.

PIERSON, MAN.—A committee has been appointed to take steps to build a Presbyterian church.

PERTH, ONT.—Bids are invited by F. J. Lee up to 20th inst. for addition to separate school.

CHARLOTTETOWN, P.E.I.—The Mayor is in favor of constructing permanent sidewalks this year.

ARNPRIOR, ONT.—McLachlin Bros., sawmillers, intend enlarging their works and making improvements to dam.

FORT WILLIAM, ONT.—The C. P. R. will build a new cleaning elevator and addition to freight sheds at this place.

GRAVENHURST, ONT.—The Muskoka Navigation Co. intend making costly improvements to the steamer Nipissing.

GRAND FORKS, B.C.—The Columbia Telephone Co. purpose extending their system into the Similkameen country.

ST. HYACINTHE, QUE.—A deputation has asked the Dominion government to build piers and wharves at this place.

NIAGARA FALLS, ONT.—It is rumored that the power house of the Niagara Falls Park & River Railway will be rebuilt.

WATERLOO, ONT.—The Sewers Committee have decided to experiment with the septic tank system of sewage disposal.

SARNIA, ONT.—R. W. Fawcett, architect, wants tenders by 22nd inst. for erection of two-storey dwelling for B. Yapp.

EDVILLE, ONT.—Rev. F. B. Stratton, of Colborne, wants tenders by 20th inst. for enlarging and renovating the Sharon church.

BETON, ONT.—The Rifle and Gun Club purpose erecting a club building. Particulars from A. E. Scanlon or J. S. Boddy.

REDBANK, N.B.—Rev. J. D. Murray wants tenders by 16th inst. for excavation and stone work of basement for new church.

LONDON, ONT.—Herbert Matthews, architect, invites tenders up to 16th inst. for erection of brick Methodist church at Lambeth.

PORTAGE LA PRAIRIE, MAN.—The Northern Pacific Railway will be extended from this place to a point on the lake shore.

UTICA, ONT.—Tenders close on 20th inst. for repairing Presbyterian church at this place. Address, James Reid, secretary-treasurer.

STURGEON FALLS, ONT.—The Ontario legislature has been asked to extend the colonization road to Lake Tamagami, a distance of 21 miles.

MIDLAND, ONT.—The Grand Trunk Railway will be asked to build a line from this place to Penetanguishene, a distance of eight miles.

ROSSLAND, B.C.—Wm. McQueen, city clerk, will receive applications up to March 10th for position of city engineer; salary, \$2,000 per year.

MEAFORD, ONT.—A deputation will ask the Dominion Minister of Public Works to grant the sum of \$50,000 for harbor improvements at this place.

HUNTSVILLE, ONT.—W. Hayhew has purchased a brick block on Main street, and intends converting the whole ground floor into one store, with offices above.

THOROLD, ONT.—The council has been asked to build a siding from the Niagara Central Railway to the quarries of the Battle Estate; estimated cost, \$6,000.

HARRISTON, ONT.—Geo. Gray, architect, is preparing plans for block of build-

ings for Ald. R. Dale and for a proposed addition to public school at this place.

NORTH BAY, ONT.—The Nipissing & James Bay Railway Co. will apply to parliament for an extension of the time for the completion of several portions of the road.

STRATHROY, ONT.—Bids are invited by F. O'Neil, of this place, up to Monday, 26th inst., for erection of brick hotel at Kerwood, 38x40, with addition 19x26 feet.

IRONSIDES, ONT.—The council of Hull East will submit a by-law to the rate-payers to raise \$5,000 by debentures for construction of bridge over the Gatineau river.

FITZROY, ONT.—A new iron bridge may be built next spring between the townships of Fitzroy and Huntley. Councillor Mohr, of this place, has the matter in hand.

STRATHALLAN, ONT.—The clerk of East Zorra has been instructed to invite tenders for the construction of the Hart, Erb and Young drains, same to be opened March 12th.

ST. CATHARINES, ONT.—J. Rollison, city clerk, wants tenders by noon of 15th inst. for supply of sewer pipe, 700 cords of broken stone, and an equal quantity of unbroken stone.

GALT, ONT.—The School Board will likely put a new system of heating in the Dickson school. Tenders will be invited for the annual supply of hardware, cement, lumber, etc.

COLLINGWOOD, ONT.—Philip C. Palen, architect, has received instructions from the Collingwood Meat Co. to prepare plans for an extension, 80 x 40 feet in size, to their factory.

CHATHAM, N.B.—Bids are invited by Geo. Stohart, secretary school trustees, up to 6 p.m. of 28th inst., for erection of school building here. Plans by R. C. John Dunn, architect, St. John.

SMITH'S FALLS, ONT.—The Board of Education has asked the council to grant \$23,000 for new school buildings.—The Perrin Plough Works will probably take over the old Becket factory.

DRAYTON, ONT.—The electric light plant has been purchased by Adams Bros., who purpose putting in a 60 horse power engine.—A company is being formed here to erect a grain elevator.

HULL, QUE.—Geo. Dalgleish, of Ottawa, has taken preliminary steps towards erecting a match factory in this city.—The city engineer has recommended repairs to the Gatineau Point bridge.

BRANDON, MAN.—The Hanbury Manufacturing Co. are about to erect a large factory for the manufacture of sashes, doors and other wood-work. They also purpose making improvements to saw mill.

KAMLOOPS, B.C.—Peter Ryan and John Shields, of Toronto, have made a proposition to supply the corporation with water and electric light. They agree to install a modern electric and pumping plant.

FONTHILL, ONT.—Chas. J. Clark, reeve Thorold township, asks bids up to Thursday, March 1st, for construction of bridge across stream near Chas. Summer's, on the Beaverdam stone road. Plans at clerk's office.

WOODSTOCK, ONT.—The council has accepted the proposition made by a syndicate to construct an electric railway in this town. J. G. Wallace is representing the promoters. The town agrees to pave the streets between the tracks.

GASPE, QUE.—The English syndicate which is developing the oil fields in this vicinity has made application to the Legislature for permission to lay pipes from the wells to the refineries, and to build a tramway and telegraph and tele-

phone lines. E. S. Peach is secretary of the company.

GUELPH, ONT.—The Guelph Junction Railway Co. have appointed a committee to report as to the extension of the road. Lieut. Col. Macdonald is secretary.—W. F. Colwill, architect, is taking tenders this week for remodelling residence on Waterloo avenue.

RAT PORTAGE, ONT.—The Minister of Public Works has promised that he will support an appropriation to construct locks and a dam at the Sault rapids. He is of the opinion that two lighthouses will be erected on the Lake of the Woods, one at Burton island and one on Big island.

KINGSTON, ONT.—The city council will probably construct a new vault in the city hall.—The corporation will undertake considerable paving work this year. The city engineer will shortly make a report regarding the pavements and sidewalks required and cost of different materials.

GRANBY, QUE.—The Eastern Townships Bank will erect, during the coming summer, a cut stone and pressed brick building, three storeys and basement, ground floor for bank offices, second floor for offices, and third floor for staff apartments; latest improved vaults and safes.

BROCKVILLE, ONT.—S. J. Geash, chairman Board of Works, invites tenders up to February 22nd for construction of granolithic sidewalks required by the corporation during the year 1900; cheque for \$200 to accompany tender.—Alex. Heath will make improvements to the Worthington property, recently purchased.

QUEBEC, QUE.—It is rumored that the G. T. R. purposes undertaking the construction of the proposed bridge across the St. Lawrence opposite this city.—The Harbor Commissioners have made a proposition to the C.P.R. to take over their elevator here for a term of years and make extensive improvements to it. Hon. R.R. Dohell is one of the chief movers.

OMEMEE, ONT.—R. J. Granby, clerk of the township of Emily, invites tenders up to Saturday, March 3rd, for steel superstructure and approaches for Cowan's bridge over Pigeon creek. Plans at office of the clerk and R. B. Rogers, superintending engineer of Trent Valley canal, Peterboro.—A number of new residences will be built here this season.

ST. JOHN, N.B.—A sub-committee of the Safety Board and a delegation from the Slaughter House Committee of the council met last week to consider the construction of an abattoir. Opinion was unanimous in favor of the undertaking.—The St. John Sulphate Fibre Co. will build a wharf and warehouse across the stream from the pulp mill, the pulp to be carried thereto by means of a conveyor.

BRANTFORD, ONT.—In his report regarding the collegiate institute, the inspector recommends the extension of the gymnasium and the replacing of the present single desks with double ones.—A deputation have laid before Hon. John Dryden the claims of this city for the permanent exhibition of the Ontario Fat Stock Society. It would be necessary to erect two buildings, 100 x 200 feet.

NEW WESTMINSTER, B.C.—The city electrician has resigned.—The Lulu Island Railway Co. have called for tenders for clearing right of way for an electric tramway from Granville street to a point on the north arm of the Fraser river. The contract will not be let until a decision is reached by the Vancouver council regarding the Granville street bridge.

STRATFORD, ONT.—R. B. Barber, architect, has prepared plans for Methodist churches to be built at Willow Grove and Russeisdale, of red brick, with stone foundations. The Willow Grove church will have three gables, the other

ings timbered and finished in ash, laid off in panels, cost \$5,000. The church at Fullarton will cost \$3,500. Both will have hot-air heating. Tenders will be invited shortly.—The G. T. R. are preparing plans for extensive additions to their shops here.

VANCOUVER, B.C.—James Ferguson, of New York, is here in connection with a scheme to develop electric power from a fall on Slave river, 20 miles distant. His syndicate purpose expending \$200,000 on the work.—Boyd & Burns have decided to erect a two-storey warehouse, with stone facings, 60 x 40 feet, corner Abbott and Howe streets.—W. T. Dalton, architect, has invited tenders for addition to Hudson Bay stores, including passenger elevator, heating and store fittings.

VICTORIA, B.C.—The provincial legislature has been requested by a large deputation to build the Hope-Princeton wagon road, estimated to cost \$30,000.—A two-storey and basement brick building has been planned for the corner of Store and Cormorant streets, on the property now occupied by the Lighthouse saloon.—The Victoria Lumber & Manufacturing Co. are understood to be preparing plans for a large saw mill to be built at some point on the northern coast of Vancouver island, and to have a daily capacity of 400,000 feet. E. J. Palmer is manager of this company.—W. S. Gore, of the Lands and Works Department, invites bids up to 15th inst. for installation of hot water heating apparatus in court house here.

HAMILTON, ONT.—The Board of Works has asked for an appropriation of \$60,000 for general purposes, \$10,000 for sidewalk repairs and \$15,000 for new macadam streets and roadway repairs.—Ald. Findlay has reported that the Dominion Government has consented to build a new bridge over the Grand Trunk track at the high level road.—The city engineer has recommended the establishment of a sewage disposal plant for the west end, at a cost of \$20,800.—The Sewers Committee will ask for an appropriation of \$52,800 95, including \$19,380 for a new sewer on John and Catharine streets, \$10,879.20 for sewers on Birch avenue, and \$9,662.50 for an extension from Baiton to King streets.—The city engineer has been instructed to purchase a pile-driver.

BARRIE, ONT.—The directors of the Royal Victoria Hospital have decided to erect a new building, to cost about \$8,000. Rev. D. D. McLeod is president.—The council have decided to keep on hand a full line of electrical supplies for purchase by the public.—The Roads and Bridges Committee of the county council reported that a wooden bridge over the Wye river would cost \$1,250, and a steel bridge with stone abutments \$2,200. No action was taken. A committee was appointed to obtain estimates of the cost of building a new bridge over the North river. The erection of a gaoler's residence was voted down.—Voting on the by-law to grant a loan of \$30,000 to the Barrie Tanning Co. will take place on 26th inst. This company desires to enlarge their premises and install new machinery.

MONTREAL, QUE.—Plans have been prepared at the city hall for the proposed new bath in St. Ann's ward, for construction of which funds have been voted by the council. The bath will be 130x30 feet, with annex 15 feet in width; main building will contain six shower baths, 60 clothes closets, and 10 dressing rooms. The roof will be arched and covered with tin, while the remainder of the building will be clap-boarded.—The chief of the fire brigade will ask for a grant of \$8,000 to purchase a new Lafrance fire engine.—The C. P. R. Telegraph Company have selected temporary offices in the Bartlett block, and as soon as a duplicate plant can be installed there, the work of tearing down the present building and erecting a new one will be commenced.—David

Seath, secretary Harbor Commissioners, will receive tenders up to 20th inst., for annual supply of castings, iron, spikes, bolts, oils, paints, etc.

WINNPEG, MAN. Tenders close February 21st for remodelling building on Main street for the Great West Life Assurance Co. Plans at office of Chas. H. Wheeler, architect.—Manager Whyte, of the C.P.R., was in the city last week, and stated that it was the intention of the company to do considerable ballasting in the spring, entailing an expenditure of \$100,000. It was also the intention to fill in a number of trestles along the Southwestern line and to rebuild several old bridges. The McGregor-Varcoe line and the Moose Mountain line would be constructed in the spring. He further stated that an architect is now working out the elevation plans for the new station and depot.—Geo. Brown, architect, has been instructed to proceed at once with the erection of the Y.M.C.A. building.—The School Board will this week consider the question of remodeling the Albert school and of completing the Machray school.

OTTAWA, ONT.—Jos. R. Roy, acting secretary Department of Public Works, invites tenders up to 21st inst. for heating apparatus for drill hall at Kingston; also until the 20th inst. for heating apparatus for court house at Medicine Hat, N.W.T. Plans at the above department and at office of clerk of works at the above places.—J. R. Roy, acting secretary Department of Public Works, invites tenders up to March 6th, for construction of breakwater at New Harbor, N.S. Plans at offices of E. G. Millidge, Antigonish, C. E. W. Dodwell, Halifax, postmaster at New Harbor, and at above department; amount of deposit, \$2,000.—M. C. Edey, architect, will make an estimate of the cost of repairs to the city hall.—The city engineer states that a new bridge is needed over Patterson's creek at Elgin street. Pooley's bridge should also be widened.—The Protestant Hospital Board are taking steps in the direction of erecting a contagious disease hospital.—G. M. Bayly, architect, will receive tenders up to noon of 17th inst. for brick, stone, carpenter, and plaster work for residence to be built at Carleton Place.—Bids are invited by Stephen E. O'Brien, secretary Ottawa Improvement Commission, up to 3 p.m. of 21st inst. for supply of 15,000 lineal feet of dressed limestone curbing.

TORONTO, ONT.—The Toronto Electric Light Co. purpose erecting immediately, on recently acquired land adjoining their works, a large machine and repair shop, and later on a new power house and an extension to an existing building, to accommodate additional boilers. They have also had plans prepared for a steel steamer of 600 tons capacity.—G. M. Miller & Co., architects, invite tenders up to 16th inst. for all trades excepting carpenter work for erection of two houses.—The Board of Control has referred back the recommendation of the city engineer for an overhead bridge at foot of Yonge St., with instructions to report as to cost.—At last meeting of the Separate School Board the question of building an eight-roomed school for St. Michael's parish, a new high school, and new schools in Parkdale, St. Cecelia's parish, and on Bolton avenue was considered. The Finance Committee will be asked to provide funds.—The new freight sheds to be built by the C. P. R. at the foot of Simcoe street will cost about \$25,000.—The Board of Harbor Commissioners will ask the Dominion Government to devote to wards the diversion of the Don river the money voted for harbor improvements.—The Medical Health Officer has been making an inspection of the available sites for a permanent small-pox hospital.—Specifications on which to ask for tenders for electric street lighting were submitted to the Fire and Light Committee last week. It is probable that

alternative tenders will be asked for, with and without the underground system.—The following works have been recommended by the city engineer. Asphalt pavements, Don bridge to G. T. R. crossing, cost \$26,900; King street, Sherbourne to Don bridge, cost \$51,000; Manning avenue, College to Ulster, cost \$9,020. Macadam, Dundas street, Bloor street to Humberside avenue, cost \$12,800; Grange avenue, Beverley street to Spadina avenue, cost \$1,865. Cedar block pavement, Ulster street, Major to Bathurst, cost \$2,360. Concrete walks, John street, east side, Richmond to Queen, cost \$214; Peter street, east side, Richmond to Queen, cost \$287; Wellesley street, north side, Church to Jarvis, cost \$503; St. George street, west side, from No. 188 to Lowther avenue, cost \$122; Bloor street, south side, from St. George to Huron, cost \$397; Lowther avenue, north side, Spadina to No. 17 Walmer road, cost \$287.—The T. Eaton Co. have decided to remove their electric and steam plant from the main building to the new building on Albert street. Work on a large chimney for this building will be commenced about March 1st.—Council has given notice of its intention to construct the following works: Brick pavements, Lombard street, Victoria to Church, cost \$5,540; Mercer street, John to Peter, cost \$4,700. Cedar block pavements, Borden street, Ulster to Bloor, cost \$4,330; Trinity street, King to Mill, cost \$2,665; Cottingham street, Yonge to Avenue road, cost \$4,140; Avenue road, C.P.R. tracks to north city limits, cost \$5,350; Avenue road, Davenport road to C. P. R. tracks, cost \$3,040. Macadam roadway on Denison avenue, Queen street to Bellevue place, cost \$4,010.—Building permits have been granted as follows: J. J. Walsh, 3 storey semi-detached brick dwelling, slate roof, 1365 King street west, cost \$6,000, (H. G. Macklin, architect); Wm. Davies, one storey and basement bk. store, s.w. cor. Bloor and Bathurst sts., cost \$3,500, (D. B. Dick, architect, Dancy Bros., builders).

FIRES.

Brightman's hide depository at Peterboro, Ont.; loss \$5,000, insurance \$2,500.—Block of buildings on Fabrique street, Quebec, owned by William McWilliam. Residence and store of D. Sullivan & Sons, at Redbank, N.B.; loss partially covered by insurance.—Residence of J. K. Robson at Treherne, Man.; loss \$1,800.—Slingsby Woollen Mills at Brantford Ont.; damaged to the extent of \$3,000.

CONTRACTS AWARDED.

PEMBROKE, ONT.—Bridge at Mary street; Jos. M. Kennedy, of Alice, contractor.

VANCOUVER, B.C.—Construction of C. P. R. line from Nelson to Balfour; Dan Stewart, contractor.

TWEED, ONT.—Traction engine for county service; Waterous Co., Brantford, successful tenderers.

ST. JOHN, N. B.—Alterations to building at Chubb's corner, for Merchants Bank of Halifax; J. C. Dumaresq, of Halifax, architect; John Flood and E. Bates, contractors.

NEW WESTMINSTER, B. C.—Dominion post-office and public building; Boutique & Desrivieres, of Ottawa, successful tenderers; price about \$60,000.—G. Walkem has secured a contract from the Dominion government for machinery for two dyking plants to be installed at Matsqui, to consist of Babcock & Wilcox water tube boilers, Corliss engines and centrifugal double suction pumps.

HAMILTON, ONT.—The following tenders for supplies have been accepted by the council. Pig lead, Wood, Vallance & Co., \$4.49; brasswork, Chadwick Bros., \$2.60; hydrants, M. Ritchie, \$40; hose, Wood,

Vallance & Co., 39½ cents, iron pipe, Gartshore-Thompson Pipe Co., \$37 a ton; ordinary castings other than pipes, A. McCallum, \$2.18 per 100 lbs.; lead pipe, Wood, Vallance & Co., \$5.25 per 100 lbs.

NAPANEE, ONT.—The county council has instructed the Roads and Bridges Committee to ascertain the cost of rebuilding the piers of Mink's bridge, also to consider the question of a grant towards repairing the bridge across outlet from Cedar Lake.

BIDS.

WELLAND, ONT.—Following are the tenders received for erection of new school building: Masonry—Teagle & Son, \$5,150; Pudifin & Co., \$5,555 (exclusive of certain work); Vanderburg, \$6,675. Mason and carpentering—Jacob Lovell, \$11,876; J. Mason, \$11,970; Teagle & Son, \$12,361; Jas. J. Brown, \$14,355; Vanderburg & Cutler, \$12,675. Carpenter work—A. Laughton, \$5,673; F. Armstrong, \$5,945; J. E. Cutler, \$5,000. Painting—Jas. Casey, \$500; J. A. Berridge, \$524; J. E. Cutler, \$700. Heating and ventilating—Gurney Co., \$1,185; Pease Furnace Co., \$1,145; Smead Dowd Co., \$1,515; Burrow, Stewart & Milne, \$850. Plumbing—Purdy, Mansell & Co., \$809; J. H. Crow, \$1,047; Fiddes & Hogarth, \$897.

BUSINESS NOTES.

The dissolution is announced of Rochon & Frere, contractors, Montreal.

W. T. Brenton, painter, has started business at Bear River Hill, N. S.

The Electric Fireproofing Co., of Canada, have applied for a charter.

Henderson & Cox, painters, have opened business at North Sydney, C.B.

The assets of Labelle & Deschamps, plumbers, Montreal, were sold on the 12th inst.

Reeve & Child, painters, Toronto, have dissolved partnership, Chas. Reeve continuing.

A meeting of the creditors of E. Bourgne, tinmith, Plessisville, Que., was held on the 7th inst.

The assets of Chas. Narbonne, contractor, Longueuil, Que., will be sold on March 2nd.

E. Martin has registered proprietor of the firm of F. St. Jacques & Co., plumbers, Montreal.

The assignment is reported of C. Lafend & Co., contractors, Montreal, with liabilities of \$15,000.

L. Beauchamp, A. Dupuis and T. Wilson have registered proprietors of the Standard Construction Co., Montreal.

DATE OF PUBLICATION.

Architects, Engineers, Municipal Authorities and others are reminded that the CONTRACT RECORD is printed every Tuesday afternoon, and that advertisements should reach the office of publication not later than 2 o'clock p.m. on that day to ensure insertion in the issue of the current week. Advertisements are frequently received too late for insertion, to avoid which special attention is directed to this announcement.

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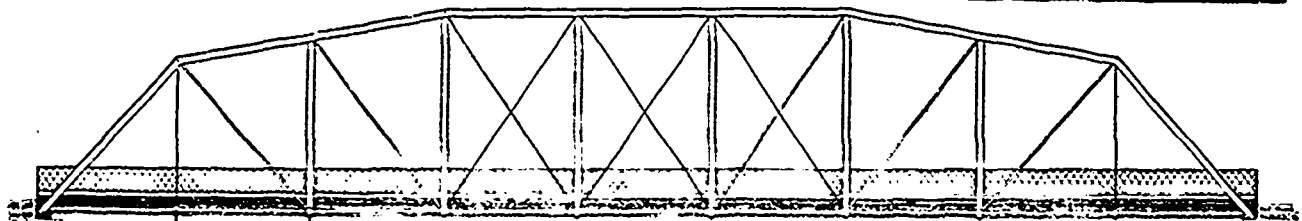
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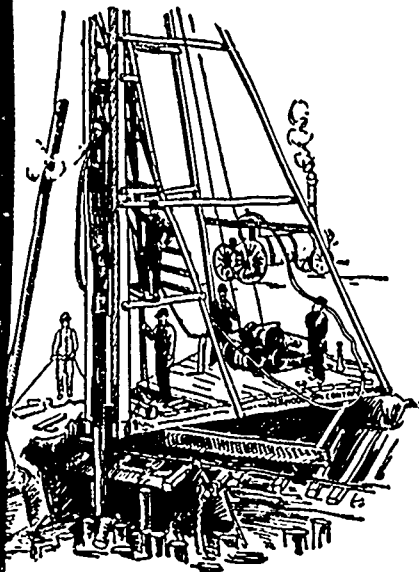
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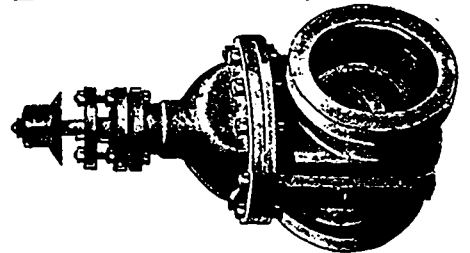
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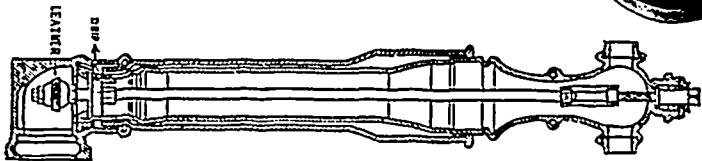
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LEGAL DECISIONS AFFECTING MUNICIPALITIES.

In the Division Court at Toronto the following appeals, affecting the city of Ottawa, were heard recently:

ROCHESTER v. OTTAWA—Defendants appealed from judgment of Falconbridge, J., upon the report of the Master at Ottawa finding plaintiffs entitled to \$450 damages and directing the defendants to restore a drain known as the Crannell drain and to provide suitable and proper drainage for the plaintiff's premises on Preston street, Ottawa. The Master found that the plaintiffs had a right to use the Crannell drain, and that the defendants in digging and filling the trenches when putting in their waterworks system cut and then blocked the said drain, and in altering the grade on Somerset street, caused surface water to flow on the plaintiffs property, which had not formerly flowed there, and damaged it. The defendants contended that on the law and the facts the plaintiffs have no right to use the Crannell drain, that the contractors in respect of the waterworks are liable for damages, if any, and that they were not guilty of negligence in altering the street grade. Appeal dismissed with costs.

JAMIESON v. OTTAWA—Defendants appealed from judgment of Falconbridge, J., for \$250 upon the report of Master at Ottawa, finding by reason of the acts of the defendants, their agents or servants, a drain known as the Jamieson drain, into which the plaintiff had the right to drain, was rendered useless and that the plaintiff's property had suffered damage occasioned by an extra flow of water in consequence. The defendants urged the same reasons against the judgment as those in *Rochester v. Ottawa*. Appeal dismissed with costs.

MCLEAN v. OTTAWA—Plaintiff appealed from the judgment of Street, J., in an action for damages for injuries sustained by the plaintiff owing to alleged negligence of the defendants in allowing the sidewalk on the east side of Bank street to become out of repair and ice and snow to accumulate and form a ridge over which the plaintiff fell and was injured. The defendants denied negligence and gross negligence on their part and alleged contributory negligence of plaintiff and failure by her to give notice of injury. The court upheld the decision of the trial judge, who dismissed the action.

CRUDE PETROLEUM FOR HIGHWAYS.

The use of crude petroleum for keeping down dust extends every day in the United States. It is well known that several important railways have their road-bed sprinkled with oil, to the great advantage of passengers and freight conveyed over them, as the oil practically prevents all dust from rising from the ballast. For school-houses and public buildings a deodorized oil is used, the smell of crude

petroleum being disagreeable, and this deodorized petroleum is found of great service. Quite recently, several towns in Southern California have employed the crude oil for treating highways, and it is reported that the results have been extremely satisfactory. On sandy roads petroleum is of little value, as it has not binding quality enough to cement the particles of sand; but on a clayey road, with a good foundation, it is found that the oil combines with the dust on the surface of the road, forming a sort of asphalt, elastic, but firm enough to resist the action of wheels. A road which had, in dry weather, a covering of dust averaging two inches thick, presented, after the application of the petroleum, "a surface as polished, clean and clear as an asphalt street." On macadam pavement the oil has an equally good effect, cementing the broken stone in place, combining with the surface dust to produce an elastic finish, and making the whole road waterproof. In the California towns, the oil is applied to the roads in three doses. In the first treatment, sixty barrels of oil are used to the mile of road, a space eighteen feet wide being sprinkled. The oil must be applied hot, and the road itself must be warm and dry, the hottest part of a summer day being best for the application. If the conditions are favorable, the oil soaks immediately into the surface, without running into puddles. An hour or so after the first application, a roller is run over the surface.

Some time later, a second treatment is applied, with twenty barrels of oil to the mile, and a third, with a similar quantity of oil, completes the saturation. After this, nothing more need be done to the road for several years. As petroleum is found very abundantly in Southern California, the cost of the treatment is moderate, averaging two hundred and fifty dollars a mile for complete saturation.

The deterioration of a cement plaster on the filter basins of the Leipzig Waterworks is referred to in an interesting note in Number 23 of the "Thon-Industrie-Zeitung" for the current year. This plaster was as smooth as glass when the basins were put in service about two years ago, but it is now so soft that it can be scraped from the walls like clay with the fingers. The deterioration is uniform throughout the basins and is not restricted to work executed with any one brand of cement. It is believed to be due to the carbonic acid in the water, which combines with the carbonate in the cement to form a bicarbonate easily dissolved in water. Since the flow through the basins is practically continuous, this bicarbonate is dissolved gradually. An examination of the reddish brown mud in the bottom of the basins shows that silicic acid, iron oxide and sulphuric acid have also been separated from the cement plaster. The addition of trass to the cement apparently had no effect on the rate of deterioration.



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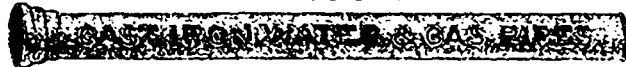
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Parian..... 5 25 5 25 5 75 5 75

Keene Superfine "Whites", 11 00 12 00 8 00 10 00

Keene's Coarse "Whites", 8 00 8 50 8 50 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 60 1 65

Queenston, "..... 1 50 1 50 1 60

Napanoe, "..... 1 50 1 50

Hull, "..... 1 50 1 50

Ontario, "..... 1 25

Toronto. Montreal.

Fire Bricks, Newcastle, per M 30 00 35 00 16 00 21 00

Scotch " 30 00 35 00 19 00 21 00

Lime, 100 lbs., Grey..... 25

" " White..... 30

Plaster, Calcined, N. H..... 2 00 1 50

" " N. S..... 2 00 1 50

Hair, Plasterers', per bag... 80 1 00 00 00

HARDWARE.

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

Cut nails, 50d & 60d, per keg 2 65 2 65

Steel " " " " 2 75 2 75

CUT NAILS, FENCE AND CUT SPIKES.

4od, hot cut, per 100 lbs.... 2 65 2 65

10 to 12d, hot cut..... 2 75 2 75

8d, 9d, " "..... 2 80 2 81

6d, 7d, " "..... 2 95 2 95

4d to 5d " "..... 3 05 3 05

3d, " "..... 3 30 3 30

2d, " "..... 3 65 3 65

Cut spikes, 10 cents per keg advance.
Steel Nails, 10c, per keg extra.
Wire nails, 3-4 base price.

Iron Pipe:

Iron pipe, 1/2 inch, per foot... 6c 6c

" " 3/4 " " " 7c 7c

" " 1 " " " 8 1/2 8 1/2

" " 1 1/2 " " " 12 12

" " 2 " " " 17 17

" " 2 1/2 " " " 24 24

" " 3 " " " 30 30

" " 4 " " " 43 43

Lead Pipe:

Lead pipe, per lb..... 7c } 25 per

Waste pipe, per lb..... 7 1/2 } cent. dis

Galvanized Iron:

Adam's-Mar's Best and Queen's Head and Opollo:
16 to 24 gauge, per lb..... 4 1/2c 4 1/2c

26 gauge, " "..... 4 3/4 5

28 " "..... 5 5 1/2

Gordon Crown -
16 to 24 gauge, per lb..... 4 1/2 4 1/2

26 gauge, " "..... 4 1/2 4 1/2

28 " "..... 4 1/2 5

Note.-Cheaper grades about 1/2 c. per lb. less.

Structural Iron:

Steel Beams, per 100 lbs..... 2 75 2 75

" channels, "..... 2 80 2 80

" angles, "..... 2 85 2 85

" tees, "..... 2 80 2 80

" plates, "..... 2 55 2 55

Sheared steel bridge plate.- 2 3