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# CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL OF TENDERS 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. 9.

AUGUST 10, 1898

No. 28

## THE CANADIAN CONTRACT RECORD,

PUBLISHED EVERY WEDNESDAY

As in Intermediate Edition of the "Canadian Architect and Builder."

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## Notice to Contractors

Tenders for the Identical Reconstruction of the CLIFTON HOUSE, lately destroyed by fire at Niagara Falls, will be received up till NOON, THE 23TH INSTANT. Plans and specifications may be seen at the office of the undersigned on and after the 10th day of August.

DARLING & PEARSON,  
Toronto Railway Chambers, Toronto,  
Architects for Bush Estate.

The lowest or any tender not necessarily accepted.  
August 8th, 1898.

## CITY OF BRANTFORD

### FLOOD PREVENTION WORK

Sealed tenders, endorsed "Tender for Flood Prevention Work," and addressed to Charles Whitney, Esq., Chairman of the Board of Works, Brantford, Ont., in care of the City Clerk, will be received till Noon on

SATURDAY, AUGUST 20th, 1898,

for the following work:

- Steel Highway Bridge over part of Grand River 100 feet span;
- Concrete Pier;
- Abutment of Stone and Concrete, Timber Sluiceway Dam;
- River Excavation, Embankments and Rip-Rap Walls.

Plans and specifications may be seen and forms of tender obtained at the office of the City Engineer, Brantford, on and after August 6th, 1898.

A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 5 per cent. on the value of the work tendered for, must accompany each and every tender, otherwise they will not be entertained.

The lowest or any tender not necessarily accepted.

CHARLES WHITNEY,  
Chairman Board of Works.

T. HARRY JONES,  
City Engineer.

City Hall, Brantford, August 2nd, 1898.

## TOWN ENGINEER

Applications, addressed to the undersigned, will be received for the position of Town Engineer in the town of Berlin. A thoroughly competent man desired. Applicants to state experience and salary required.

KARL MUELLER,  
Chairman Fire and Water Committee.

Berlin, Aug. 4th, 1898.

## CITY OF WINNIPEG

### WATERWORKS

Proposals, addressed to W. G. Bell, Chairman Fire, Water and Light Committee, Winnipeg, Man., will be received at the office of the undersigned up to 8:30 o'clock on TUESDAY EVENING, THE 6TH DAY OF SEPTEMBER, 1898, for the Construction and Supply of a System of Wells and Pumping Plant, for the supply of 4,000,000 gallons, of water daily to the reservoirs of the City.

Information and specifications may be obtained from H. N. Ruttan, City Engineer.

C. J. BROWN,  
City Clerk.

### WATERWORKS

Bulk and separate tenders, addressed to the undersigned, will be received up to the

Fifteenth Day of August, 1898,

for all the material and labor required for the Construction of a Waterworks System for the Village of Ashburnham.

Specifications and forms of tenders may be seen at the office of the Peterborough Water Company, on and after the 8th August, 1898.

Each tender must be accompanied by the names of two sureties.

The lowest or any tender not necessarily accepted.

JOHN WOOD,  
Clerk.

Ashburnham, July 30th, 1898.

## TENDERS FOR BRIDGE

Sealed tenders will be received by William Fretz, Secretary of the Jordan Harbor Company, until FRIDAY, AUGUST 12TH, 1898, AT NOON, for the

### ERECTION OF A DRAW-BRIDGE

across the mouth of the Twenty Mile Creek, in the town ship of Louth.

Plans and specifications may be seen and all other information and forms of tender obtained on and after Monday, August 8th, at the office of Vaughan M. Roberts, Civil Engineer, 20 Ontario Street, St. Catharines.

A marked cheque for 5% of the contract price, payable to the order of the Jordan Harbor Company, must accompany each and every tender, otherwise they will not be entertained, and which will be returned to unsuccessful bidders. Cheque of accepted contractor will be returned upon signing of the contract and bonds.

The lowest or any tender not necessarily accepted.

WILLIAM FRETZ,  
Secretary Jordan Harbor Company.

Jordan, Ont., August 3rd, 1898.

## Tenders for Bridge

Sealed tenders for the Construction of an Iron Bridge over the Madawaska river at Arnprior, Ont., will be received by the undersigned up to the 30th AUGUST, 1898, at 7 P.M. Plans, specifications and forms of tender may be seen at the office of the Town Clerk, Arnprior, and at the office of Frank A. Hibbard, Esq., C.E., Ottawa.

Piers and super structure to be separate tenders. No tender necessarily accepted. A deposit equal to 5 per cent of tender to accompany each.

SAMUEL KEDEY,  
Chairman Bridge Committee.



## NOTICE TO CONTRACTORS

### 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 WEDNESDAY, AUGUST 17TH, 1898, for the construction of the following works:—

#### CEDAR BLOCK PAVEMENT:

Walmer road, from Lowther ave. to Castle ave.

#### BRICK PAVEMENTS:

Bellevue place from Augusta ave. to Bellevue ave.  
Nassau street, from Bellevue ave. to Lippincott street

Specifications may be seen and forms tender obtained at the office of the City Engineer, Toronto, on and after Wednesday, August 10th, 1898.

A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 5 per cent. on the value of the work tendered for up to \$1,000, and 2½ per cent. on the value of the work tendered for over that amount, must accompany each and every tender, otherwise they will not be entertained.

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

Lowest or any tender not necessarily accepted.

JOHN SHAW, (Mayor),  
Chairman Board of Control.

City Hall, Toronto, August 6th, 1898.

### CONTRACTS OPEN.

EGANVILLE, ONT.—The C.P.R. will probably build a new station here.

ACTON, ONT.—J. W. Elliott, barrister, is erecting a new office on Main street.

KEEWATIN, ONT.—The Separate School supporters purpose building a school.

LINDSAY, ONT.—It has been decided to proceed with the Kent street sewer at once.

ONHAWA, ONT.—The ratepayers have voted against the establishment of a market.

COATICOOK, QUE.—Mr. Beach will probably erect a summer hotel at Campdown.

SIBLEY'S BAY, ONT.—A. Neal will shortly commence the erection of a brick residence.

TILBURY, ONT.—Thomas Cox has purchased property adjoining the Dusseau

block, and will erect a brick building thereon.

**CAMPBELLTON, N. B.**—James Kelso and S. W. Dimock intend erecting new buildings.

**SUTTON, QUE.**—The town council is preparing to start work at once on the waterworks system.

**CLYDE, N. S.**—Joseph G. Sutherland and Hugh McDonald purpose starting a steam saw mill here.

**CARNDUFF, N. W. T.**—A bonus of \$2,500 is offered by the municipality for the erection of a flour mill.

**PARRY SOUND, ONT.**—Frank Dowell is laying the foundation for a red brick-clad residence on Church street.

**COLLINGWOOD, ONT.**—W. McAllister wants tenders by 11th inst. for erection of manse in McMurphy settlement.

**PEMBROKE, ONT.**—The council is obtaining information regarding the cost of installing a municipal lighting plant.

**BRUSSELS, ONT.**—The council are asking for offers for \$22,200 for debentures, at 4 per cent., running for twenty years.

**MORDEN, MAN.**—J. Kennedy, of the Manitoba Hotel, has commenced work on a large block at the corner of Stephen and Sixth streets.

**BRANTFORD, ONT.**—Bridge companies are figuring on the construction of a bridge at Holmedale for the Brantford and Woodstock railway.

**STRATFORD, ONT.**—The question of building a market arcade will be voted on by the ratepayers before any definite action is taken.

**KINCARDINE, ONT.**—Dr. Bryce, of the Provincial Board of Health, has reported that additional sewers are needed here.

**PICTON, ONT.**—An orphanage for Protestant children, to cost \$8,000, will be erected here by the Loyal True Blues Association.

**BILLINGS BRIDGE, ONT.**—Tenders have been taken on alterations to school building, S.S. No. 1, Nepean. Particulars from P. Robertson.

**TILBURY CENTRE, ONT.**—R. A. Smith, who has been given a contract for street lighting, will erect a power house on Young street.

**GEORGEVILLE, QUE.**—W. N. Ives will, it is said, erect a new store and dwelling house.—Oliver Hutchins is about to enlarge his residence.

**WOODSTOCK, N. B.**—The County Council has voted in favor of the construction in this town of a new gaol, to cost not more than \$10,000.

**ARNPRIOR, ONT.**—August 23rd is the date fixed for voting on the by-law to raise \$8,500 to build an iron bridge to replace the White bridge.

**BELLEVILLE, ONT.**—The by-law granting a bonus of \$50,000 to the Mitchell Rolling Mills will be voted on by the ratepayers on the 30th inst.

**SHERBROOKE, QUE.**—The Catholic Board of School Commissioners has decided to erect a new school house in East Sherbrooke, at a cost of \$10,000.

**ST. GABRIEL DE BRANDON, QUE.**—A bonus of \$5,000 has been granted to La Roque & Renaud to aid them in rebuilding their mills recently destroyed by fire.

**BRAMPTON, ONT.**—A contract for street lighting has been given to Pearen Bros., who will put in an arc plant and new lamps, at an expenditure of probably \$8,000.

**SUDBURY, ONT.**—Hugh Lumsden, chief engineer of the C.P.R., is locating the route for the proposed Sudbury extension. More than half the line is now located.

**GATINEAU POINT, ONT.**—The Stadacona Water and Light Company (Louis H. Tache, manager) has secured franchise

for the construction of a system of waterworks.

**NEEPAWA, MAN.**—The ratepayers will vote on by-laws to provide \$12,000 for an electric light plant and \$6,000 for a telephone system and additional fire apparatus.

**VICTORIA, B. C.**—The Waterworks Committee has reported in favor of taking steps at once to complete the waterworks, and to connect the filter beds with the reservoir.

**LEAMINGTON, ONT.**—Tenders for the improvement of the Lundy drain, in the township of Mersea, will be received up to Friday, 12th August. Alex. Baird, C.E., commissioner.

**ROSSLAND, B.C.**—The management of the Deer Park Company is calling for bids for a seven-drill compressor and hoist plant, the latter to have a lifting capacity of 2,000 pounds.

**NEWMARKET, ONT.**—The Specialty Company want a bonus from the town to assist them in enlarging their premises.—It is proposed to expend \$35,000 on a municipal lighting plant.

**BALDOON, ONT.**—William Jackson, of Dover Centre, will receive tenders up to September 1st for the enlargement of a brick church here. Plans at office of J. L. Wilson, architect, Chatham.

**SARNIA, ONT.**—Ryder & Hand, the proprietors of the Hotel Vendome, have purchased the property on Front street known as the Rossin house. The building will be improved and renovated throughout.

**NEWCASTLE, N. B.**—R. C. John Dunn, architect, of St. John, is preparing plans for a building to be erected here for Miss Kate Quigley, to be of wood and to contain bank and store, with tenements above.

**VANCOUVER, B. C.**—The officials of St. Andrew's church are considering the erection of a new edifice.—Wm. Blackmore, architect, has invited tenders for the erection of a residence for H. C. Clark, merchant.

**FALDING, ONT.**—It is reported that E. Galbraith & Sons, of Tara, intend building a saw mill here.—The Utterson Lumber Company are said to have in contemplation the building of a saw mill on Horse Shoe Lake.

**WINDSOR, ONT.**—It is reported that the Peoples Telephone Company will not make an offer for a franchise in this city.—The British American hotel has been purchased by T. W. McKee, late of Woodstock, who intends remodeling the interior.

**NIAGARA FALLS, ONT.**—The announcement is made by engineer C. H. Mitchell that the town will soon commence the construction of 8,700 lineal feet of concrete and brick sidewalks, to be 6, 8 and 10 feet wide, together with stone curbing and crossings.

**BRANDON, MAN.**—W. H. Shillinglaw, architect, invites tenders up to August 20th for all trades, except heating, lighting, plumbing and glass, required in the erection of a Methodist church. Plans are also on view at office of Wm. Brydon, Main street, Winnipeg.

**LACHINE, QUE.**—The municipality has passed the by-law granting a bonus of \$15,000 to George Barrington, Sons & Co., to establish a trunk factory in this town. The company agrees to erect a building and put in machinery to the value of \$25,000.

**MONCTON, N. B.**—D. Pottinger, general manager Intercolonial Railway, invites tenders up to Monday, Aug. 22nd, for the erection of a grain elevator at Halifax, N. S. Plans at the offices of the chief engineer of the Intercolonial Railway, this town, and the station master, Water street, Halifax.

**RAI PORTAGE, ONT.**—Gordon & Iron-

sides, of Winnipeg, have selected a site for the proposed cold storage building.—It is understood that Mr. Drewry is about to erect a new block, and that the Presbyterians will build a church. A number of dwellings are also in course of construction.

**GRIMSBY, ONT.**—F. W. Gibson has instructed W. W. LaChance, architect, of Hamilton, to prepare plans for a handsome bank and office building. It will be finished with Credit Valley stone, buff brick and hardwood finish. The architectural style will be Italian-Byzantine. Work will be commenced immediately.

**OWEN SOUND, ONT.**—On the 25th inst. the ratepayers will vote on a by-law to borrow the sum of \$10,000 for the purpose of constructing permanent macadam roadways, repairing the present roadways in the town, and for purchasing a steam road roller. It is also proposed to construct a number of concrete sidewalks.

**QUEBEC, QUE.**—D. H. Geggie, of the Quebec Gas Company, is building a residence, from plans by H. Stavely, architect.—At the last meeting of the Road Committee, the question of building an iron bridge in place of Bickett's bridge was considered, and it was decided that the plans should be submitted to the city engineer and Messrs. O'Donnell & Hoare for approval, and that a report thereon be made to the committee.

**CAMPBELLFORD, ONT.**—The ratepayers have voted in favor of raising \$8,000 for the installation of a new incandescent lighting plant, to replace the one now in use.—Tenders are asked by J. B. Ferris, clerk of Seymour, up to 17th inst., for steel bridge over Crow river, 8 miles north of Campbellford, 85 feet span, 14 feet roadway, two stone abutments, suitable for superstructure about 10 feet high, approaches to be completed dry stone face and railed.

**WOODSTOCK, ONT.**—It is expected that the work of constructing the proposed Brantford and Woodstock railway will be commenced September 15. There are already three camps, with a total of about fifty men, at work surveying the road.—Tenders closed at 6 p.m. yesterday (Tuesday) for the construction of 3,680 lineal feet of cement walks and 3,370 lineal feet of board walks.—Tenders close Saturday, 13th inst., for building a parsonage for the Central Methodist church. Address G. C. Field, chairman Building Committee.

**CHATHAM, ONT.**—It is understood that Mrs. Garner proposes to build a large brick block where the Royal Exchange now stands. Work will not likely be commenced until next spring.—Arthur Johnson, of the 6th concession, Chatham township, is preparing to build a brick residence, to cost \$2,000.—Plans are now being prepared by Powell & Carswell, architects, for an addition to the public general hospital. The addition will be a three story brick structure, costing in the neighborhood of \$5,000, and will make room for the accommodation of twenty more patients.

**LONDON, ONT.**—A building permit has been issued to Wm. Marsh, for improvements to a residence corner Askin street and Whaincliffe road.—Five tenders were received by the city for the supply of an incandescent lighting plant, but the figures have not been made public.—The Ontario government has selected the Mackenzie property, South London, as the site for the Normal school. The property comprises four acres of land, favorably situated.—The question of sewage disposal is still agitating the City Council. The Mayor desires that the ratepayers should vote on the two systems—chemical precipitation and land filtration.

**HAMILTON, ONT.**—Mr. Percy Domville is said to have accepted the appointment

of expert on the cost and maintenance of an electric light plant for the city.—Building permits have been issued as follows: W. J. McDonald, two-story brick dwelling, corner Main and Grant ave., cost \$1,700; F. J. Rastrick & Son, brick residence on Wentworth street north, for H. Smith, cost \$900; A. W. Peene, two-story brick dwelling on Bay street south, for T. E. Leather, cost \$3,000.—J. W. Jardine, county clerk, invites tenders up to Saturday next for building an addition of a fire-proof vault to the Registry office. Plans at office of Stewart McPhie, architect.—Tenders are wanted by S. H. Kent, on behalf of the city, for the construction of a 65-foot Hayes aerial hook and ladder truck. Tenders close August 24th.

**MONTREAL, QUE.**—The Montreal Street Railway Company will lay new rails on Craig street.—The Archbishop has approved of a portion of the plans for the new church of St. Jean Baptiste, as prepared by J. Emile Vanier, architect. Rev. Mr. Auclair, parish priest, states that the contracts will not be awarded for some days yet, as certain changes had to be made in the specifications.—Mr. R. A. Waite, of Buffalo, is announced to have been engaged to prepare plans for the new office building to be built by the Grand Trunk Railway Company. It is believed that the building will cost nearly one million dollars.—The St. Henri council is considering a proposition from the Bushnell Oil Company to establish their works in that city. The site of the proposed works is on the canal bank.

**WINNIPEG, MAN.**—Tenders will shortly be called for another batch of street improvements, including macadam and asphalt pavements.—The Western Electrical Company has made a proposition to the city to establish a telephone service.—The city purposes carrying out the following improvements: Macadam pavements, with stone curb and three inches of top dressing of crushed rock or other hard stone, on Colony street, from Broadway to Portage ave., cost \$5,500, and on Furby street, from Portage ave. to Cornish street, cost \$10,470; asphalt pavement on Portage ave., from Main street to the west line of Hargrave street, cost \$54,000; macadamizing two roadways on Portage ave., from the west line of Hargrave street to the west line of Sherbrook street, cost \$28,600; cedar block pavement on Main street south, from Main street bridge to south side of River ave., cost \$1,900.—The Council having advertised for the construction of certain pavements, and no tenders having been received, it has been decided to do the work by day labor. The following are the pavements: Macadam pavement—on Garry street, from Assiniboine ave. to Notre Dame ave., cost \$9,057; on Ellice ave., from Notre Dame ave. to Vaughan street, cost \$6,535; on Vaughan street, from Ellice ave. to end of street, cost \$5,200; on Charlotte street, from Cumberland ave. to William ave., cost \$3,613.80; on Ellen street, from Notre Dame ave. to Logan ave., cost \$6,479.50; on Rupert street, from Main street to Victoria Park, cost \$2,330.30.

**TORONTO, ONT.**—The City Council has given notice of its intention to carry out the following work. Asphalt pavement on each side of the track allowance on Queen street, from Bathurst to Niagara street, cost \$17,760. Brick pavement on Russell street, from St. George street to Spadina ave., cost \$4,000. Cedar block pavement on Bathurst street, from Front to Niagara street, cost \$4,230; on Elliott street, from Boulton to Broadview ave., cost \$1,550; on Clinton street, from Mansfield ave. to College street, cost \$1,240, on Humbert street, from Dundas street to Dovercourt road, cost \$1,325; on each side of the street railway track allowance on Queen street, from Niagara street to Gladstone ave., cost \$9,680. Macadam roadway on Adelaide street, from Jarvis to Church

street, cost \$1,620; on Wellesley street, from Yonge to Jarvis street, cost \$2,560; on Wellesley crescent, from Jarvis to Sherbourne street, cost \$1,640; on St. Alban's street, from Surrey place to Yonge street, cost \$3,720.—A proposition is under consideration to purchase the old Upper Canada College buildings for Technical School purposes.—The Council of North Toronto has instructed the chairman of the Water and Light Committee to obtain plans for a residence to be built for the waterworks engineer.—Mr. Leland, of New York, was in the city last week in connection with the proposed palace hotel on King street, which he believes will be built.—The Board of Control has decided to call for new tenders for a tamarac pavement on Scott street, as the former specifications made no provision for pitch filling.—A 12 inch fire protection main will be laid on Colborne street before the asphalt pavement is constructed.—Building permits were last week granted as follows: A. B. Ormsby & Co., 2-story brick addition, 126 Queen street east, cost \$1,150; M. S. Robinson, 4-story brick addition in rear of Bijou Theatre, cost \$2,600; trustees House of Industry, two brick additions of two stories each to the House of Industry on Elm street, cost \$15,000; M. Staunton & Co., brick cellar under factory, 946 Yonge street, cost \$2,500; George H. Hees & Co., 3-story brick factory near Avenue road, on south side Pears ave., cost \$9,000, and 3-story brick warehouse adjoining the factory, cost \$7,000; J. F. Urquhart, dwelling, corner King street and Tyndall avenue, cost \$7,000; Patterson Manufacturing Co., addition to premises, Berkeley street, cost \$2,000.—Members of the City Council and architect Lennox are now making arrangements for inviting tenders for the furnishing of the council chamber and other municipal offices of the new city and county building.—Dr. Fraleigh, 182 Claremont street, wants tenders by 15th inst. for building six-roomed house.—In this issue Messrs. Darling & Pearson, architects, invite tenders for the rebuilding of the Clifton House at Niagara Falls.

**OTTAWA, ONT.**—Rev. Canon Bouillon, of the archbishop's palace, has completed plans for extensive alterations to the Catholic church at Bic, in the Diocese of Rimouski.—Jos. Boyden has decided to build a six-story hotel on Mackenzie ave.—The Ottawa Car Company will likely build an addition to their building.—E. F. E. Roy, secretary Department of Public Works, invites tenders until Aug. 23rd, for the erection of a public building at Ingersoll, Ont., and until Aug. 22nd for

heating apparatus for public building at Arnprior.—A movement is on foot to establish an abattoir in this city. Among others Geo. Kidd is believed to be interested.—Residents of Lower Town will petition the council to erect a branch police station in that vicinity.—There will be an addition to Rideau street next season, when the premises occupied by the Forsters' hotel will be extended through to George street, on which there will be a separate entrance. Mr. Robitaille, the proprietor, will also build a large music hall, dining hall, and additional bedrooms and kitchen.—The estimated cost of the new permanent roadway on Queen street, between O'Connor and Bank, is \$8,373. The Sparks street roadway, from Bank to 274, below Bay street, will cost \$26,937.—Another application will be made next session for a charter for a bridge between Hull and Ottawa, to give the Hull & Aylmer Electric Railway entrance to Ottawa.—The Ottawa Dynamite Company are negotiating for the purchase of a site between the Richmond road and the Ottawa river, upon which to erect their works. The company intends increasing their plant and manufacturing blasting materials more extensively than in the past. Sidings will be built to the C.P.R. main line.—It is now stated that the C.P.R. is endeavoring to secure property on Rideau and Besserer streets for the purpose of erecting a central station of their own, independent of the C.A.R.—The new building to be erected by the Fruit Exchange Company will be a large four-story structure, the top story to be devoted entirely to cold storage. Plans of the new buildings are being prepared, and tenders will be soon called for, but it is not likely that work will be commenced before next spring.

#### FIRES.

Recent fires destroyed the following property: Swanson's furniture factory, Adams' hame factory, Gale's saw mill and two dwelling houses at Waterville, Que.; loss, \$12,000; insurance, \$7,000.—Warrell & Howard's saw, shingle and planing mill at Powassan, Ont.; loss, \$1,000; insurance, \$2,000.—Residence of Thomas Martin, two miles south of Brant, Ont. The house was owned by John Jefferson.—Factory of Peck, Benny & Co., on Mill street, Montreal, completely destroyed; loss, \$75,000.—Residence of H. W. White, at Carberry, Man.; loss, \$1,000.—Saw and planing mill of J. & B. Grier, 2,642 Notre Dame street, Montreal; also building adjoining, owned by A. Cantin.

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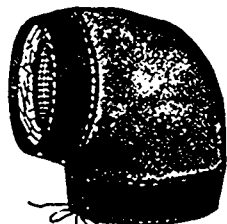
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MONTREAL WINNIPEG

**CONTRACTS AWARDED.**

**GLENCOE, ONT.**—New town hall: A. Clananhan, contractor, \$4,950.

**CARMAN, MAN.**—Presbyterian church: Stonework, H. McCormack; other trades, R. McKinney.

**HINTONBURG, ONT.**—\$7,000 school debentures: Aemilius Jarvis & Co., purchasers, at \$987.95.

**WESTPORT, ONT.**—Casper Speagle has secured contract to build brick residence for Dr. Dwyer at Perth.

**ST. JOHNS, QUE.**—\$32,500 of city debentures Mr. Brosseau, of Montreal, successful tenderer, at 102½ net.

**HAMILTON, ONT.**—Tenders have just been accepted for the new factory for Geo. E. Tuckett Sons Company, to cost \$15,000.

**TILBURY, ONT.**—Contractor Finnister, of Chatham, has been awarded the contract of building the new R. C. convent here, for \$2,500.

**HARRISTON, ONT.**—\$25,940 of town debentures: Ontario Mutual Life Insurance Co., of Waterloo, purchaser, at bonus of \$410.

**PORT ARTHUR, ONT.**—Twenty-five miles of Ontario and Rainy River railway: E. F. Farquhar, of Toronto, contractor; Thos. White, chief engineer.

**PICTON, ONT.**—New Methodist church will be heated by three "Kelsey" warm air generators, to be installed by McKelvey & Birch, Kingston.

**WINDSOR, N. S.**—At a meeting of the town council last week the tender of D. Sutherland, of Halifax, to build the new dam at Fall Brook, for \$1,080, was accepted.

**PORT DALHOUSIE, ONT.**—The contract for the construction of the west pier of the entrance to the Welland canal has been awarded to John Riley, of St. Catharines.

**GRANBY, QUE.**—Neil & Kent, of this town, have secured a contract to erect, for Victor Marchessault, at West Shefford, a general store building, brick, two stories high, 30 by 60 feet.

**VANCOUVER, B. C.**—Peter Genelle and

J. Poupore have the contract for the timber work in connection with the Columbia and Western railway extension. It is estimated that 4,000,000 feet will be required.

**LINDSAY, ONT.**—Two tenders were received for the construction of steel bridge on Lindsay street, as follows: Waddell Bridge Co., two span bridge, with wooden floor girders, \$1,140; Hamilton Bridge Co., all steel bridge, \$1,200. Latter recommended for acceptance.

**CHARLOTTETOWN, P. E. I.**—Mr. C. B. Chappell is the architect for the Prince Edward Island hospital, for which contracts have recently been let, and which was referred to in the RECORD of July 27th.—The contract for the warehouse for the city has been let to Mr. Quinn, contractor. C. B. Chappell, architect.

**LONDON, ONT.**—The Board of Education has recommended the acceptance of the following tenders for the erection of a two room school on Richmond street: Brick work, \$1,387; carpenter work, \$1,169; painting, \$148; plastering, \$148; heating, \$124; plumbing, \$39.50; fencing and closets, \$300. Total, \$3,315.50.

**QUEBEC, QUE.**—The contract for the new buildings to be erected by Judge Chauveau on the site of the old city hall on St. Louis street, has been awarded to Joseph Gosselin, of Levi. Mr. Gosselin will sub-let a good deal of the work. Vandry & Matte will have charge of the plumbing. The total cost of the buildings will exceed \$75,000.

**GUELPH, ONT.**—The County Council has let the contract for a wooden bridge on the boundary between Halton and Wellington to P. Boyle, of Parker.—Mr. McPhie, architect for A. B. Perrie, has let contracts for the various works on the Athletic Club building as follows: Thos.

Mathews, brick and stone work; Dowrie & Co., carpenter work; Stamp & Co., painting; J. J. Mahoney, plastering; T. E. Riddell, iron and gravel roof.

**TORONTO, ONT.**—Baptist church in East Toronto (J. F. Brown, architect): Brickwork, Fred. Howell; carpentry, Wm. Williamson; plastering, J. C. Jordan; other trades not let. The building will be 34 feet by 53 feet, with a class room in the rear, 18 by 20 feet, of red brick, with stone facings.—The Board of Control last week awarded contracts as follows: Macadam pavement, Terauley street, Queen to Albert street, city engineer, \$1,500; brick pavement on Ross street, Cecil street to College street, city engineer, \$3,300; cedar block on Scollard street, Yonge street to Hazleton avenue, Dominion Paving and Constructing Co., \$2,781; asphalt pavement on York street, King street to Front street, Warren Scharffe Co., \$7,807.65; asphalt pavement on Spencer avenue, Warren Scharffe Co., \$9,790.80. Contracts for concrete sidewalks were let at the following figures per lineal foot; Homewood avenue, both sides, Wellesley street to Carlton street, Constructing and Paving Co., 78 cents; Queen street, north side, Terauley street to Chestnut street, and from Simcoe street to St. Patrick's market, A. Gardner & Co., \$1.69; Huron street, east side, Wilcox street to Classic place, W. R. Payne, 94 cents; Wilcox street, north side, St. George street to Huron street, J. H. McKnight, 94 cents; Lombard street, north side, Church street to Victoria street, A. Gardner & Co., \$1.65; brick sidewalk on Portland street, west side, from Front street to King street, Constructing and Paving Co., 49 cents per lineal foot. The contract for filling the lagoon in rear of the Lakeside home, on the island, was not awarded, the tenders received being considered too high.

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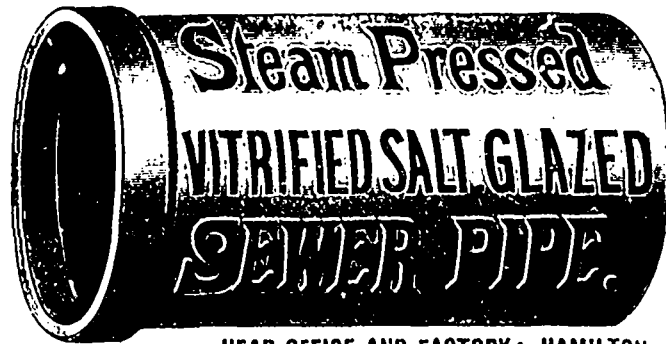
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## LEGAL DECISIONS AFFECTING MUNICIPALITIES.

**EWING V. THE CORPORATION OF THE CITY OF TORONTO.**—The plaintiff sued to recover damages for injuries sustained through alleged negligence of the defendants in allowing a sidewalk to be so out of repair as to be unsafe for the use of pedestrians. The case is of special importance to merchants and manufacturers, in that the complaint was that the hinges of an iron trap over eight feet in length were so affixed as to rise from an inch to an inch and one-sixteenth above the level of the sidewalk. The door was a double one and used for the purpose of access to the cellar of abutting premises. The plaintiff, who was well aware of the existence of the hinges, stumbled against them and injured himself. It was held that the facts did not render the corporation liable for damages.

**ATKINSON VS. CITY OF CHATHAM.**—In December, 1897, a team of horses, driven by a son of N. H. Stevens, who was accompanied by Miss Atkinson, ran away in the city of Chatham. The sleigh was upset, Miss Atkinson's leg broken, and the horses and sleigh injured. Action was brought by three plaintiffs against the town to recover expenses and damages. Mr. Stevens, Miss Atkinson, and her father, Mr. Geo. R. Atkinson, were plaintiffs, and their plea was negligence of defendants in not keeping King street in proper repair. Mr. Justice Ferguson has decided against the city. He finds that the street was out of repair by reason of a certain pole or post planted in it, and that the corporation had notice and knowledge of it, and that it was the cause of upsetting the sleigh. The municipality claimed relief over against the Bell Telephone Company, who had placed the pole where it was, but the learned judge held that they were not entitled to such indemnity, because the pole was planted under the superintendence and with the sanction of the corporation. The defendants are to pay the plaintiff, George R. Atkinson, \$120 damages, the plaintiff

Nathan H. Stevens \$125 damages, and the plaintiff Mary Louisa Atkinson \$750 damages. They are also to pay the costs of the plaintiffs and of the Bell Telephone Company. The decision is a warning to corporations that they are responsible for the roadway and for the poles on it, and that they should secure bonds of indemnity from the companies using the streets.

## TESTS OF CALCIUM CARBIDE.

Inspector McDevitt, of the Philadelphia Fire Underwriters' Association, who has been carefully investigating both calcium carbide and its product, acetylene gas, has submitted a report to members of the association as to the danger of that chemical when stored in warehouses or if accidentally brought into contact with water when in transit. He says:

That high temperatures are attained to the generation of acetylene gas from calcium carbide is already well known, especially in generators where the carbide is either immersed in or sprayed with water; several hundred Degrees Fahr. being sometimes produced under certain conditions by the action of the water on the lime, which is one of the component parts of calcium carbide, in the same manner as fire has been known to have been produced by the slaking of ordinary lime. To convince some parties interested in the sale of the carbide, who doubted the possibilities of generating such high temperatures except when confined in an air tight vessel, I made the following test in the presence of the interested parties on June 18, 1898, viz: Fifty pounds of carbide were bought in the open market, and one-half of same placed in a half-barrel, open at one end, and at 8 a.m. these twenty-five pounds were soaked with water and the gas allowed to escape; then the balance of the carbide (twenty-five pounds) was placed on top of the first and pressed down—the intention being to produce conditions which would probably be met with should carbide on storage or under shipment become wet from the bottom, but the whole quantity not water soaked. Six hours later, at 2 p.m., smoke from burning wood was found to be issuing from between the staves of the barrel, and at 3 p.m. the barrel staves were in flames at the bottom. After smothering the fire, it was discovered that the bottom of the barrel had been entirely consumed. Inasmuch as the carbide was also found to be

red hot, it is evident that the same results would have occurred had the carbide been contained in a metallic case surrounded with wooden outer jacket (as is commonly used in shipping same) or resting on floors or woodwork, if through any break in the case it had been subjected to attack by water. As such conditions are possible in warehouses and vessels, or wherever a generator is used, it is evident that the laws for the handling of this material are at the present time entirely inadequate.

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Roads almost as smooth as asphalt, capable of carrying any kind of country traffic except traction engines, at an annual cost of about 15 cents per square yard, is the proposition made to road building engineers by Mr. A. H. Campbell, city surveyor of Canterbury, England.

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In describing the building of such a road, Mr. Campbell says that the temperature of the stone when the tar is applied should be such that the palm of the hand can bear it with comfort. If it is too hot the tar will be destroyed as a binder, and if too cold it will be used so thick as to soften in very warm weather. The hot stone, when ready for mixing, is screened into material of three sizes, one to two inches for the body, one-half to one inch for the intermediate coat, and one-quarter to one-half inch for the top dressing. The coarsest material is used in a layer three to four inches thick; the intermediate size forms a coat of about three-fourths of an inch, and the top dressing is used in the thinnest layer possible, with a view to filling all interstices. Afterwards a dressing of quarter-inch and smaller granite screenings is scattered broadcast, and the traffic at once allowed on the road to work this top dressing into the tarred material. Each of the layers is rolled separately with a ten ton roller.

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