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CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL OF
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. 9.

MARCH 2, 1898

No. 5

THE CANADIAN CONTRACT RECORD, PUBLISHED EVERY WEDNESDAY

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

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C. H. MORTIMER, Publisher,

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Bell Telephone 2299.

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

Advertising Rates on application.

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TENDERS FOR BRIDGE

The Town of St. Marys proposes erecting a Stone or Steel Bridge over Trout Creek, on Water Street, St. Marys, and asks tenders

- (a) For the erection of a Stone Bridge over said Trout Creek.
- (b) For the erection of a Steel Bridge over said Trout Creek; 97 feet span and 100 feet from pin to pin; 16-foot roadway, with and without sidewalk 5 feet wide; pine joists 3 in. x 12 in.; floor 3-inch rock elm.
- (c) For stone abutments for Steel Bridge.

Plans and specifications may be seen at the office of L. HARSTONE, TOWN CLERK, St. Marys, by whom tenders will be received up to 7 30 p.m., 14th March, 1898.

The lowest or any tender not necessarily accepted

GEORGE D. LAWRIE,
Chairman Road and Bridge Committee,
St. Marys, Ont.

Tenders Wanted

Marked and sealed tenders will be received by the undersigned up to noon,

Friday, March 11th, 1898,

for the erection and completion of a municipal building (except heating) in the City of Stratford. The plans and specifications may be seen at the office of Harry J. Powell, Architect, Stratford, Ont. Each lump tender to be accompanied by a marked cheque for \$150, and all separate tenders to be accompanied by a marked cheque for 2 1/2% of the tendered price. All cheques, except the successful contractor's, will be returned immediately after the contract is closed, and the successful contractor's cheque will be returned as soon as approved sureties are furnished. The lowest or any tender not necessarily accepted.

GEO. F. INGRAM,

Box 168,
Chairman of Market and Police Committee,
Stratford, Feb. 18, 1898.

TO CONTRACTORS

Tenders will be received by the undersigned until MARCH 15TH, 1898, for the various works required for the

Erection of a House of Refuge

for the County of Kent. Plans and specifications can be seen at the County Clerk's office, Chatham, Ont. Building to be completed by the 1st Day of December next.

The lowest or any tender not necessarily accepted.

J. C. FLEMING,

Clerk County Kent.
Chatham, Feb. 15th, 1898.

TENDERS

Tenders addressed to the undersigned, for alterations to the Richardson Building, corner of Main and McDermot streets, Winnipeg, for the Bank of Hamilton, will be received until

FRIDAY, 11TH MARCH,

at the office of the Bank in Winnipeg, where plans and specifications may be seen

The lowest or any tender will not necessarily be accepted.

D. B. DICK Architect,
17 Toronto St., Toronto

NOTE.—Plans and specifications may also be seen at the office of the Architect, where tenders may also be sent.

NOTICE TO CONTRACTORS

**CANADIAN
CONTRACTOR'S
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Branch Office:

New York Life Building, Montreal.

The Toronto Granite Co., Limited, of
Toronto, assigned last week to A. E. Osler.

TENDERS WANTED

Tenders will be received by the undersigned until 5 p.m. on MONDAY, MARCH 7TH, for the various works required in the erection of a Residence on Glen Road, Rosedale.

GORDON & HELLIWELL, Architects,
Confederation Life Building, Toronto.

TO CONTRACTORS

Tenders will be received by the undersigned up to SATURDAY, MARCH 12TH, 1898, for the several trades required in the erection of a Residence on King Street West for Dr. Joseph Hascom.

Plans and specifications may be seen at the office of the architects.

No tenders necessarily accepted.

SIMPSON & ELLIS, Architects,
9 1/2 Adelaide Street East, Toronto.



NOTICE TO

BUILDERS AND CONTRACTORS

Tenders, addressed to the undersigned, will be received through registered post up to noon on

MONDAY, MARCH 7th, 1898,

for the Erection of a Pavilion in High Park.

Plans and specifications can be seen and full information obtained upon application at the office of the Park Commissioner, St. Lawrence Hall, King Street East, Toronto.

Each and every tender must be accompanied by a marked cheque, made payable to the order of the City Treasurer, or a cash deposit equal to 2 1/2 per cent. of the amount of the tender if over \$1,000, or 5 per cent. if under that amount, which deposit will be forfeited to the city in the event of the party or parties whose tender is accepted failing to execute the necessary contract and bond.

The lowest or any tender not necessarily accepted.

JOHN SHAW, Mayor,
Chairman Board of Control.

City Hall, Toronto, Feb. 23rd, 1898.

CONTRACTS OPEN.

PORT HOPE, ONT.—The Queen's hotel will be remodelled.

CAMPBELLTON, N. B.—The rate-payers have voted in favor of electric light.

PORT BURWELL, ONT.—Considerable dredging work is shortly to be carried out here.

AYLMER, ONT.—The Aylmer Canning Co. will erect a brick engine and boiler house.

BURRITT'S RAPIDS, ONT.—Tenders are asked for remodelling the Methodist church.

KINGSVILLE, ONT.—Alanson Scratch is preparing to build an addition to his residence.

BARFORD, QUE.—The town council is considering the question of erecting a town hall.

CHALK RIVER, ONT.—A proposal to

erect a new school building is now under consideration.

COOKSHIRE, QUE.—D. McManamy contemplates the erection of a business block.

WILDWOOD, ONT.—Joseph Lang intends building a residence during the coming summer.

GALT, ONT.—Berhart Bros. will install a hot water heating system in the western hotel this spring.

FREDERICTON, N. B.—The Howard and Crangle building is being remodelled for bank purposes.

BELMONT, ONT.—The material for a new Methodist parsonage is now being placed on the ground.

BRIGHTON, ONT.—The Brighton Canning Co. has been organized and will erect a large factory.

ALMONTE, ONT.—A by-law has been passed authorizing the town to issue debentures for \$2,000.

FLORENCE, ONT.—Lendon & McDonnell purpose building, in the near future, a warehouse 38 by 40 feet.

HAMPTON, N. B.—Dr. J. Newton Smith is making preparations to build a number of residences this spring.

GRANBY, QUE.—The council has authorized the preparation of a by-law to issue debentures for \$5,000.

SIMCOE, ONT.—The Bank of Hamilton have purchased property on which to erect a bank and hardware store.

MAGOG, QUE.—E. D. Smith has purchased a lot on Main street, on which a new building will likely be erected.

HEPWORTH STATION, ONT.—J. E. Murphy is prepared to let a contract for the removal of 30,000 cubic yards of clay.

GUELPH, ONT.—Powell & Wideman, architects, want tenders before 5 p.m., March 3rd, for alterations to the Day block.

KINGSTON, ONT.—W. J. Yates will shortly commence the construction of a wharf in connection with the M. T. Co.'s elevator.

OAKVILLE, ONT.—A report on the required harbor improvements at this place will shortly be made by a government engineer.

SHERBROOKE, QUE.—A subscription list has been opened to provide funds for the erection of the proposed St. Charles College building.

TRURO, N. S.—It is rumored that the Sheet Harbor saw mill will be replaced by a pulp mill, with four grinders, to be increased later on.

BROCKVILLE, ONT.—Tenders close Saturday next for the supply of 100,000 feet white plank and cedar sills. W. B. Smellie, town engineer.

MOULINEITE, ONT.—John A. Raymond will receive tenders until the 10th inst. for building a school house in section No. 6, known as Shiek's Island.

MERLIN, ONT.—Rev. Mr. Vuity has secured \$2,500 towards the erection of a new church, and work is expected to commence about May 1st.

CARLTON PLACE, ONT.—The Mississippi Wood & Iron Works Co., Limited, is being organized here, for the purpose of starting a new industry.

REVELSTOKE, B. C.—The Dominion and Provincial governments have been asked to undertake extensive harbor works here, to cost \$40,000.

SEBRINGVILLE, ONT.—H. J. Powell, architect, of Stratford, is preparing plans for remodeling the Methodist church here, at a cost of about \$2,000.

AYLMER, QUE.—The Town Council is taking steps to secure a proper drainage system. The first section of the work to be carried out will cost \$20,000.

GODERICH, ONT.—The by-law to assist

the G. T. R. in erecting an elevator was carried by the ratepayers on Saturday last. Work will now be proceeded with at once.

LONDESBORO, ONT.—James Campbell, Clerk of the township of Hullett, will receive tenders up to the 15th inst. for the construction of a new bridge at Walkerburn.

HARTLAND, N. B.—A deputation from this vicinity will shortly wait upon the Provincial government to urge the construction of a bridge over the St. John river.

YARMOUTH, N. S.—The ratepayers have been asked to sanction an expenditure of \$15,000 for the erection of school buildings, the amount to be raised by debentures.

MOUNT BRIDGES, ONT.—Separate or bulk tenders are invited until the 15th inst. for the erection of a Methodist church in this village. James Elsey, secretary Trust Board.

ALBERNI, B. C.—The paper mill here is shortly to be operated. The flume will be made 30 ft. wide to supply the water power, and some improved machinery installed in the mill.

BERLIN, ONT.—H. Brainiff, architect, of this town, is preparing plans for a four roomed school to be erected in Wellesley village; hot water heating. Contracts will be let early this month.

RAT PORTAGE, ONT.—It is again rumored that the C.P.R. intend building a new station here.—The Finance Committee has been authorized to arrange for the disposal of debentures.

PARRY SOUND, ONT.—Messrs. Simpson & Ellis, architects, of Toronto, are preparing plans for a residence for Frederick L. Walton, of this town, also for alterations and additions to the Masonic Hall.

SUMMERSIDE, P. E. I.—Tenders are invited by the Department of Public Works at Ottawa for a breakwater to be constructed here. Plans may be seen at the office of Mr. J. B. Hegan, at Charlotte-town.

ST. CATHARINES, ONT.—J. Rollinson, city clerk, will receive tenders until noon on Monday, the 7th inst., for two latest improved street sprinkling wagons, for two horses, to be delivered before the 1st of April.

HULL, QUE.—The Pontiac & Pacific Junction Railway Company ask for a bonus of \$53,000 for the establishment of its workshops here.—A movement is on foot towards the establishment of a public hospital in this city.

HALIFAX, N. S.—The Halifax Pipe Foundry Co., Limited, in which B. F. Pearson and W. A. Ross, of this city, are interested, is seeking incorporation, to carry on business as smelters and manufacturers of metals.

NEWMARKET, ONT.—Tenders will be received by W. A. Brunton up to Wednesday, 9th inst., for the erection of a frame residence, from plans prepared by Mr. Wm. Bunney, architect. Plans at Mr. Brunton's store, in this town.

STRATFORD, ONT.—R. Banks Barber, architect, is preparing plans for a new residence for James Richardson, of the Gore of Downie, to be of red brick, with white stone facings, 48 x 42 feet in size exclusive of brick summer kitchen, cost \$3,000.

SUSSEX, N. B.—Tenders close on Saturday next for the erection of a Methodist church, referred to in last issue. Plans were prepared by H. H. Mott, architect, of St. John.—A company is being organized in this vicinity to build a modern creamery.

DESERONTO, ONT.—A rumor is current that a company of United States and Canadian capitalists is being formed to

establish in this town an extensive charcoal manufacturing plant for the production of wood alcohol, and that the Rathbuns are interested.

PORTAGE LA PRAIRIE, MAN.—Besides the Cowan block to be erected this year, there will be built a new building for J. Robb, and an elevator in connection with the oatmeal mill. Fairbairn & Co. will enlarge their premises and White Bros. will complete their foundry.

GLADSTONE, MAN.—Mr. William Galloway will receive tenders for the various trades required in the erection of a brick and stone residence. Plans and specifications, prepared by Mr. Gouinlock, architect, Toronto, will be convenient for the contractors at Mr. Galloway's store.

ST. THOMAS, ONT.—It is probable that in the near future the G.T.R. will erect a modern depot in this city.—The City Hall Committee have issued instructions that plans be obtained for the proposed city hall, the cost of erection not to exceed \$32,000. Two prizes of \$150 and \$75 are offered.

CHATHAM, ONT.—The city has decided to call for tenders, to be received by March 19th, for granolithic walks, sewer pipe, brick, and other supplies.—The County Councils of Essex and Kent have decided to build a bridge, steel piling on tubular abutment, over Baptiste Creek, off the county line, at a cost of \$3,000.

DARTMOUTH, N. S.—At the last meeting of the Town Council a proposition was made by Drysdale & McInnes, representing a syndicate, to establish a pulp and paper mill near Mill Cove. They asked that the council secure legislation to exempt the company from taxation for fifty years. The capital stock is given as \$300,000.

FORT WILLIAM, ONT.—A Toronto architect is preparing plans for a residential terrace to be erected on Syndicate avenue by J. G. King, of Port Arthur, to consist of eleven houses, each 20 x 35 feet.—Mr. Peacock, architect, of Buffalo, is preparing plans for a two-story brick veneered building to be built by H. H. Peacock, of this town, on Victoria avenue, cost \$2,500.

AMHERSTBURG, ONT.—Tenders have been invited for the erection of a steel-cased three story building on the site of the American House, corner Apsley and Richmond streets. When completed the hotel will be occupied by Edward Boyd.—At a recent meeting of Rochester Council, the question of building a bridge over the Ruscom river was considered, and a committee appointed to report thereon.

BRANTFORD, ONT.—The Verity Plough Company intend proceeding with their new building shortly, which, with site, will cost \$40,000.—In last week's RECORD it was stated that the Knowles Bicycle Company intended erecting a new factory. It has since been learned that the proposed buildings will be of the following dimensions: Brick building, three stories, 140 by 40 ft.; enamelling building, three stories, 50 by 40 ft.; blacksmith shop, 1½ stories, 50 by 50 ft.; engine and boiler room, 40 by 40 ft. The by-law authorizing an agreement between the company and the city passed its second reading at last meeting of council.

VICTORIA, B. C.—The Kootenay and Northwest Railway Co. and the Arrowhead and Kootenay Railway Co. have asked the provincial legislature for charters, for the purpose of building railways.—Ald. Humphrey will introduce a by-law in Council providing for the paving of Broad street with wooden blocks.—John Cobeldick is asking incorporation for a company to build blast furnaces and other incidental works.—The Columbia Lumber & Trading Co., which has recently been organized, purpose operating on the Yukon and Hootalinqua rivers.—The Molsons Bank has decided to build a \$500,000

block here.—C. E. Perry, manager of construction for the C.P.R., has arranged for a large extension to the wharves at Wrangel, also for the erection of a large warehouse.

GRENVILLE, QUE.—Mr. G. O. S. Conway, of Stonefield, is said to have been successful in forming a company to develop the water power at this place, and to erect a pulp mill in connection therewith. The scheme includes the installation of an electrical plant for the purposes of lighting the Carillon and Grenville canals, the villages of Carillon and Grenville, and the town of Hawkesbury, and also to furnish power for the proposed electric railway to operate on the north shore of the St. Lawrence river. It is estimated that \$100,000 will be spent in the construction of dams, mills, etc. Exemption from taxation will be granted by the town, and also a bonus of \$10,000.

HAMILTON, ONT.—Ex-Ald. Watkins has purchased Chedoke Park, together with the large stone residence situated thereon. Mr. Watkins will make alterations to the building.—According to reports, Mr. John Patterson, of the Cataract Power Co., states that a company recently organized to manufacture nickel and steel will probably locate at St. Catharines, in which case the power canal will be enlarged to double its present capacity.—The Hamilton Radial Railway Co. is said to have abandoned the idea of extending the road beyond Burlington.—It is stated that the Ontario Rolling Mills Company are arranging to erect a large steel building on the old site, of larger dimensions than the one recently burned.

LONDON, ONT.—The Board of Works have decided to invite tenders for an engine for operating the stone crusher.—The front elevation plan of the new Normal school to be built in this city is now on view at Ald. E. N. Hunt's store. It is announced that work will be commenced early in the spring. The building will be 150 x 125 feet, three stories in height, of Italian Renaissance style, the foundations of stone with brown stone facings, and superstructure of brick with brown stone and terra cotta trimmings. Exclusive of site the building will cost about \$100,000. The plans were prepared by Mr. F. R. Heakes, Ontario government architect.—Tenders will be received by A. O. Graydon, city engineer, until to-morrow (Thursday), at 5 p.m., for the construction of a protection wall.—A. O. Graydon, city engineer, will receive tenders up to 5 p.m., March 7th, for the completion of that portion of section "H" of the sewerage system on South street.—The city wants tenders for supplies for the fire department, including the following: 1,000 feet of 2½-inch rubber lined 2-ply fabric fire hose; and 100 feet of 1-inch 4 ply rubber hose; 1,000 lbs. No. 9 E.B.B. galvanized iron telegraph wire; 1,000 feet of okonite wire; 500 lbs. sulphurite of copper; Leclanche jars, cups, zincs, etc.

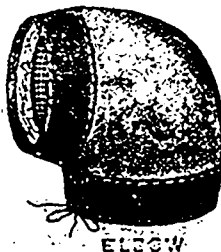
MONTREAL, QUE.—The Dominion Cotton Mills Company contemplate an extension of their plant.—At a meeting of the Waterworks Committee to be held to-day, the recommendation of the superintendent that an additional steam pumping engine for the high level station be purchased, at a cost of \$69,800, will be considered. Ald. Kinsella will also advocate the better drainage of St. Denis ward.—The City Council will call the attention of the Dominion government to the necessity of carrying out some comprehensive plan of harbor improvements at once, and will also request the government to assume the construction and cost of all the permanent works necessary in this connection.—G. A. Monette, architect, has called for tenders for a stone front cottage to be built on City Hall avenue for Mr. L. F. Richer.—L. R. Montbriant, architect, is calling for tenders for nine tenements to

be erected on Albert street for A. Menier.—Hutchison & Wood, architects, are inviting tenders for extensive alterations to Cadillac Hotel.—Turgeon & Lafreniere, architects, are preparing plans for six tenements to be built on Amherst street for J. B. Thibodeau, also for a cottage at Longueuil for P. Prefontaine, and alterations to a store on St. Frs. Xavier street for the Estate J. A. Berthelet.—The St. John Baptist church destroyed by fire recently will be rebuilt early in the spring. It is estimated that the new structure will cost in the neighborhood of \$200,000.

OTTAWA, ONT.—The First Congregational church has purchased property on north side of Somerset street, on which a church will likely be erected at an early date.—Rev. A. Tancock, of the Glebe Anglican Mission, is meeting with success in his canvass for funds for the erection of a new church, and work is expected to commence next month.—D. R. Burman has purchased property, corner Sparks and Wellington streets, and will erect an extensive carriage establishment in the spring.—The Market Committee has asked the City Council for an appropriation of \$2,800 for a market building in Wellington ward, and \$2,000 for improvements to By Ward market.—E. F. E. Roy, secretary Department of Public Works, will receive tenders until March 15th for constructing a breakwater at Summerside, P.E.I. Plans at office of J. B. Hegan, Charlottetown; C. E. W. Dodwell, Halifax; W. J. McCordock, St. John; and at the above department.—Jules Routhier, architect, has prepared plans for the new building to be built by the French-Canadian societies of this city, referred to in last issue. A joint stock company has been formed, with a capital of \$60,000.—The new plans of the Inter-provincial bridge at Nepean Point were last week filed with the city engineer. There will be five piers, two on the Ottawa side and three on the Hull side.—The Fire and Light Committee have reduced the estimates from \$81,000 to \$53,000. Only 4,000 feet of new hose will be purchased. The item of \$7,500 for a new fire station in St. George's ward was allowed to stand.

WINNIPEG, MAN.—The Bank of Hamilton will make extensive improvements to the Richardson block, converting it into bank premises and an office building, at an expenditure of \$30,000.—Arrangements are being made for the erection of a saw mill at the mouth of Mossy river, Lake Winnipegosis.—The Winnipeg and Fort Alexander Railway Co. is seeking incorporation, to build a railway from Beausejour and Darwin, on the C. P. R., to the Winnipeg river, also to build telegraph and telephone lines.—Ratepayers of ward 6 are urging upon the city council the necessity of providing more school accommodation.—The Young Men's Christian Association hope to be in a position at an early date to commence work on the proposed new building.—The city council and councillors of municipalities discussed the question of road improvement at a meeting held last week.—It is said that the local government contemplate the erection of another wing to the legislative buildings, for the purposes of a library. It is also possible that the legislative chamber will be remodelled.—The time for receiving tenders for the purchase of some \$300,000 of city debentures has been extended until Saturday, April 9th.—Mr. Hugh McGowan, architect, has been instructed to prepare plans for the proposed Jubilee addition to the General Hospital. The addition will be a separate building, three stories and basement, connected to the main building by a covered corridor. Tenders for erection will be invited during the present month.—The city engineer has estimated the cost of macadamizing Main street at \$26,900. He suggests that work be commenced in the spring, also that River ave. and Osborne street be paved with macadam as soon as possible.

TORONTO, ONT.—The Public School Board wants tenders before April 9th for text books and school supplies, oil and turpentine.—It is the intention of the trustees to renovate the interior of Carlton street Methodist church, at an approximate cost of \$2,000.—The agitation has again been revived for the erection of a large modern hotel on some central site. Among the properties recently mentioned as affording a suitable site are the Cox and Janes sites on King street, from Yonge to Victoria, and the block from Adelaide to Temperance streets, on the west side of Yonge street.—The Massey-Harris Co. have purchased the block bounded by King street, Strachan avenue, Wellington avenue and Massey street, for the purpose of extending their premises. The company will, it is understood, build a large repair shop on the property.—In a report presented to the Board of Works on Friday last, the City Engineer estimates the probable cost of extending the street railway tracks on Bloor street westerly into High Park, at \$13,000. The cost of a high level bridge over the Don at Queen street is estimated at \$230,000, and of a wooden bridge across the Don, between Queen and Gerrard streets, at \$800, and of a steel bridge \$1,280. To prevent the filling in of the eastern portion of the bay by spring freshets from the Don river, the City Engineer recommends the diversion of the Don southerly into Ashbridges Bay, at a cost of \$8,000.—Building permits have been granted as follows: W. A. Hart, four two story buildings, 98-104 Pearson ave., cost \$4,000; Kemp Manufacturing Company, additional brick story to factory, corner Gerrard and River streets, cost \$3,200; Gough Bros., alterations to front of store, 6 and 8 Queen st. w., cost \$1,000, W. Ogilvie, architect.—Mr. A. R. Denison, architect, has prepared plans, and will receive tenders until the 7th inst., for a building for the J. Cawthra estate, to be erected on the southwest corner of Yonge and Temperance streets; five stories and basement, first and second stories of cut stone and plate glass, floors supported by double steel girders on cast iron columns, bessemer's steel, Z bar columns, enclosed in Ohio cut stone; building of stock brick and cut stone trimmings, with metal cornices and ceilings, steel sheeting, felt and gravel roof, one elevator, steam heating, large quantity of plumbing, stand pipe, etc. Same architect is taking tenders for a club house for the Don Rowing Club, to be built on Coatsworth cut, 32 x 65 ft., two stories. Tenders close Saturday next.—Tenders are invited by the city until the 7th inst. for the erection of a pavilion in High Park. Plans at office of Park Commissioner, St. Lawrence Hall.—Mr. A. R. Denison, architect, has prepared plans for a club house for the Ken-



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MONTREAL WINNIPEG

dal Fishing Club, to be erected at Kendal, near Newcastle, at a cost of \$1,000. The rafters, posts and all timber work will be of logs with the bark on, and Cabot's shingle stain will be used.— Besides the addition to the warehouse of W. R. Brock & Co., for which contracts have been let, Mr. A. R. Denison, architect, has prepared plans for re-odelling the old warehouse, including new plate glass, elevator, metal ceilings, etc.; approximate cost, \$8,000.—The city engineer has recommended that the Board of Control re-advertise for tenders for the supply of paving brick.—Mr. Weatherbee, Chief Architect of the Militia Department, Ottawa, will shortly visit this city with a view to the construction, at the Armouries, of a magazine for ammunition.—Messrs. Simpson & Ellis, architects, are preparing plans for a store and residence for Mr. R. Magone, to be erected on Berkeley street, also for a residence for Reuben Armstrong, to be built on Brunswick avenue.—The new residence for Mr. L. A. Conrad is to be erected on Wilson avenue, not on Wilton avenue, as stated in last week's issue. The architects are Messrs. Simpson & Ellis.

FIRES.

The Pulman hotel, Holmes & Caret's store, the Waverley hotel, and Alexander's dwelling and jewelry store at Canmore, N.W.T., were totally destroyed by fire last week. Loss, \$15,000, small insurance.—George Maddow's store at Jacquet River, N.B., was totally destroyed by fire last week, at a loss of \$3,000.—A Roman Catholic church at Somerset, Que., recently completed, was destroyed by fire on Monday last; loss \$75,000, insurance \$42,000.—The residence of Peter Cline, near Cayuga, Ont., was burned a few days ago.—W. B. Jennings's furniture store at St. Thomas, Ont., was recently damaged by fire to the extent of \$1,000.

CONTRACTS AWARDED.

CONSTANCE, ONT.—The carpenter work of a brick residence for Wm. Clark has been let to Harry Edge, and the mason and brick work to J. Millson.

WALKERTON, ONT.—The contract for superstructure of a bridge at Tara was let last week to Hunter Bros., of Kincardine, John Craig, of Tara, securing the stone work.

WINNIPEG, MAN.—The C.P.R. have let the contract for the erection of a stone archway over the Kaministiquia river, to replace the present structure, to J. W. Munroe, of Pembroke, Ont.

INGERSOLL, ONT.—T. W. Nagle has been awarded the contract for the erection of residences for Mr. Briden and Mr. J. E. Coulter, from plans prepared by John Wight, architect.

VANCOUVER, B. C.—McLeod & Coote have awarded a contract to Taylor & Cleveland to convert four dwelling houses, corner Hastings street and Westminster avenue, into eight stores.

ORMSTOWN, QUE.—Tenders for the erection of Methodist church have been accepted as follows: carpenter work, R. A. Crawford, of Huntingdon, \$2,250; mason work, McBain Bros., \$550.

TORONTO, ONT.—Mr. A. R. Denison, architect, has accepted the following tenders for an addition to the warehouse of W. R. Brock & Co.: Brick, stone and concrete work, C. C. Witchall; carpenter work, A. Clark & Son; plumbing and steam heating, Purdy, Mansell & Mash-

inter; galvanized iron and metal ceilings, W. Dillon; painting and glazing, R. Smith; plastering, A. H. Rundle; roofing and other trades not definitely decided. The addition will be 108 x 23 feet, four stories and basement story, cost \$15,000.

HAMILTON, ONT.—The Board of Works have awarded contracts as follows. Lumber, R. M. Cherry, of Toronto, \$12 44 per 1,000 feet; posts, W. J. McAlister, \$12.63; wire and cut nails, Wood, Vallance & Co., \$1 84 and \$1.69 respectively; hydrants, Dodson & Sutton; stop valves, Gartsshore Thomson Co.

MONTREAL, QUE.—The following tenders for supplies for the city have been accepted by the council: Ordinary bar iron of Canadian make, Peck, Benny & Co., higher quality brands of iron, Frothingham & Workman; ordinary quality of machinery steel, B. J. Coghlin; best quality of machinery steel, Frothingham & Workman and Park Bros. & Co.; pressed spikes, wharf spikes, cut nails, Peck, Benny & Co.; nuts, Frothingham & Workman, Caverhill, Learmont & Co. and Pillow & Hersey Manufacturing Company; washers, Abbott & Co.; carriage bolts, B. J. Coghlin; pine pitch, Lewis Bros. & Co.; coal oil, the Bushnell Co.; castor oil, Henry Dobell & Co.; tallow, the Bushnell Co.; boiled linseed oil, Frothingham & Workman; turpentine, Canada Paint Co.; white lead, P. D. Dodds; manilla rope, Frothingham & Workman; sal soda, Henry Dobell & Co.; concentrated lye, William Sclater & Co.; gas pipes, Frothingham & Workman; cast iron fittings for pipes, Garth & Co.; malleable iron fittings, Samuel Fisher; brass castings and phosphor bronze castings, Garth & Co.; iron castings, Garth & Co. and John McDougall.—L. R. Montbriant, architect, has accepted the following tenders for two houses, six tenements, three stories, to be built for E. Laliberte: Masonry, Jos. Beland; roofing, D. Dugas; bricklaying, Jos. Beland; plastering, T. Charbonneau; painting and glazing, A. Carriere.—J. Forget Despatie, architect, has let the masonry and carpenter contracts of additions to two houses on Ontario street for Dame Maria Renaud, to Phaneuf & Dore.—V. Lacombe, architect, has let the contract for a building on Desjardins street, Maison-

neuve, for Elzear Dansereau, to Carriere, Son & Co.

BIDS.

TORONTO, ONT.—The Board of Control opened tenders yesterday (Tuesday) for elevators, electric light plant, marble dadoes and columns and mosaic floors for the new municipal buildings. Three tenders were received for an electric light plant for lighting the building and for operating the elevators, as follows: \$15,100, \$14,965 and \$15,766. The tenders for elevators were as follows: Electric, \$25,000, \$32,500 and \$24,000; hydraulic, \$39,200, \$35,500 and \$33,000. Seventeen tenders were received for the marble dadoes, mosaic floors and marble columns, as below: No. 1, \$35,800 for work complete; No. 2, \$53,216 for work complete; No. 3, \$33,250 for mosaic and dadoes; No. 4, \$29,900 for work complete; No. 5, \$20,227 for dadoes and columns, with alternatives of \$21,718 or \$24,300 for variations, and \$13,450 for flooring; No. 6, \$6,000 for columns; No. 7, \$9,890 for floors; No. 8, \$19,584 for flooring; No. 9, \$6,850 for dadoes, \$11,800 for flooring; No. 10, \$13,320 for flooring; No. 11, \$16,899 for flooring; No. 12, \$9,575 for flooring and \$7,575 for dadoes; No. 13 (no cheque), \$16,950 for floors, \$9,850 for dadoes; No. 14, \$13,900 for dadoes and bases, or \$25,750 for all work required; No. 15, \$26,700 for all work; No. 16, \$28,663 for all work, or \$12,040 for dadoes alone; and No. 17, \$13,924 for floors.

BUSINESS NOTES.

Chapelle & Edwards, plumbers, Trail, B. C., have dissolved partnership.

Burroughes & Canady have commenced business as contractors at Chatham, Ont.

Thos. Orr & Son, planing mills, Stratford, Ont., are announced to have called a meeting of creditors.

The plant and property of the Guelph-Norway Iron and Steel Co. has been sold to John Taylor, for the sum of \$9,700.

Hamilton city council has decided to abolish the statute labor tax.

The Wentworth county council have appointed Mr. J. W. Jardine as county clerk, to succeed the late Geo. S. Counsell.

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In all the towers called Anglo-Saxon, and which appear to belong to the eleventh century for the most part, the masonry is of the same rude character—rather the work of common laborers or of carpenters than of skilled and practised masons. It requires a generation to train a body of skilled workmen. And if in the nineteenth century it is found difficult to train a school of workmen to work in a different manner from what they have been accustomed, how much more difficult must it have been in the eleventh, and how im-

probable it is that the men who built in the rough manner which we find they did build were the successors of other masons. They were evidently men just learning the art of building in stone. It is clear to those who judge of the age of buildings by the buildings themselves, and not by books only, that the Roman art of building, which was chiefly of brick, gradually decayed and died out in England and other countries; that there was then an interval during which nearly all buildings were of wood or of rough stone without mortar. Then a revival took place, and

the earliest buildings erected after this revival were built of the fragments of Roman buildings then in ruins. When this supply was exhausted the Roman buildings were copied as well as unskilled hands could copy them; and in this revived art of building a gradual improvement took place in each succeeding generation until the most perfect masonry and construction that the world has ever seen was produced in the twelfth and thirteenth centuries.

Hebden & Hebden have commenced business as plumbers at Nelson B. C.

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MUNICIPAL DEPARTMENT

MEETING OF THE NEW BRUNSWICK GOOD ROADS ASSOCIATION.

The Provincial Good Roads Association of New Brunswick convened in Fredericton on Thursday, February 17th. Hon. G. E. Hill, the president, was in the chair, and there were present the following delegates:

J. S. Armstrong, secretary; G. F. Banks, Sunbury; W. F. Burditt, St. John; A. J. Beveridge, M.P.P., Victoria; A. Bertrand, M.P.P., Madawaska; W. E. Bourgeois, Gloucester, John Betts, Northumberland; Isaiah Bridges, St. Stephen; Robert Craig, Restigouche; David Currie, Victoria; Melton Dayton, Edmunston; A. C. Dow, York; P. Farrell, Fredericton; Lazare Gumond, Kent; H. B. Hall, Queens; Thos. Hays, Restigouche; Jos. Hornbrook, Kings; G. F. Hill, Charlotte; John Irvin, Kent; David Johnson, Charlotte; Ora P. King, Sussex; John Lowell, St. John; John Lee, St. John; J. W. McCaffigan, Moncton; F. M. Murchie, Charlotte; John Muir, Kings; W. D. Martin, Moncton, Robert McKinney, Charlotte; W. J. Owen, Carleton; S. L. Peters, Queens; H. H. Smith, Sunbury Co.; C. L. Smith, Carleton; Geo. Seymour, York; H. J. Stephens, Albert; Geo. P. Searle, North; Wm. Simpson, Westmorland; Geo. P. Stiles, Albert; Neil Shaw, Restigouche; W. S. Tompkins, York; Howard Trueman, York; H. Wilnot, Sunbury; W. A. West, Albert.

After a few introductory remarks by the president, Mr. Burditt moved: "That whereas it is generally believed that there is great room for improvement in the condition of the public highways throughout this province, and that such improvement, if it could be brought about, would facilitate the means of communication and transportation at all seasons of the year, and result in large pecuniary and social benefits to the people; and whereas, it is the opinion of this convention that better results might be obtained from the expenditure of money and labor now made upon our highways, and it is the object of the New Brunswick Good Roads Association to acquire and disseminate information as to the best methods of making and repairing highways, and discuss among practical men the best means of bringing about this desired improvement; therefore resolved, that the provincial government be respectfully petitioned to make a grant to this association to aid it in carrying out its objects as set forth in the constitution and by-laws." Carried.

The following resolution was moved by J. S. Armstrong, seconded by W. A. West: "That it is expedient that local improvement societies be organized in all districts for the purpose of discussing and studying road making and the management thereof, raising funds for sidewalks, planting trees and keeping them in order, removing dead ones and otherwise improving and beautifying the roadside, and that a committee be appointed later on to draft a constitution for such societies and look up literature bearing on the subject, distribute the same and otherwise promote this object." Carried.

Moved by W. S. Tompkins, seconded by C. L. Smith, that it would be an advantage to wholly substitute a money assessment for statute labor, to which an amendment was moved, but both were promptly voted down.

The discussion on the resolutions was very general, and the opinion of the meet-

ing strongly opposed to anything like compulsory taxation in lieu of statute labor.

SECOND DAY.

Upon re-assembling on Friday morning, Mr. O. P. King submitted a resolution in reference to the collection and payment of road taxes, which was voted down.

The following resolutions were then submitted and voted upon:

By Thomas Hayes—"That the government be requested to so amend the Highway Act as to provide that the surveyors appointed by commissioners from year to year remain in office until their successors are appointed, and that their responsibility be more clearly defined, so as to state definitely that the road master shall perform his duties under the instruction of the commissioner from whom he received his appointment and be responsible to him." Carried.

By Mr. Hornbrook—"That the county councils shall have authority to constitute a larger division than a parish, or they shall have power to appoint a chief commissioner over a certain set of parishes or divisions, or over all the county, and his enlarged powers and emoluments should be defined." Lost.

By J. H. Dixon, in amendment—"That in the opinion of this meeting it would be conducive to the betterment of our roads if the chief commissioner should appoint in each county a county commissioner to oversee the road making of the county." Lost.

By Mr. Burditt—"That in the opinion of this meeting it would be desirable that there should be competent men appointed, having special knowledge in road construction, drainage, etc., who should have the supervision of the work and expenditure over larger districts or divisions than are now allotted to the commissioner appointed by county councils." Carried.

By Mr. Trueman—"That in the opinion of this meeting the commissioner should have power to apply labor and funds in any part of the highway division, rather than that all the labor and taxation of a given district must necessarily be expended within that district." Carried.

By Mr. McCaffigan—"That as the opinion of this meeting it is advisable that any person or persons purchasing at public auction work to be done upon any great or bye-road by the province, should be required to place with the commissioner selling the said work a bond in double the amount of the value of said work, or a cash deposit of — per cent. of the value of the said work, and that the work should be performed by a definite contract with specifications." Lost.

By Mr. O'Brien—"That whereas it appears from expressions of opinion in this convention that the time has arrived, or is near at hand, when better and more permanent work than any heretofore undertaken will be required upon the highways of this province; and whereas, there is a general lack of technical knowledge as to improved methods of highway construction adopted in other counties; therefore

"Resolved, that this convention suggest to the provincial government the advisability of appointing a competent engineer as provincial inspector of highways for the purpose of carrying on an educational work and such other duties as may be assigned to him." Carried.

By Mr. Hornbrook—"That this convention approves of the step taken by the legislature in providing that on and after the first day of May, 1899, loaded vehicles shall have wide tires, but would urge that they make provision to inform, and more easily enforce and provide, that it can be enforced on complaint of any ratepayer; and suggest that the following provisions are suitable:

"All vehicles having wrought axles two inches square or an axle of equivalent capacity shall be equipped with tires not less than four inches in width; all vehicles having an iron

axle one inch and three-quarters square or an axle of equivalent capacity shall be equipped with tires not less than three-quarters in width; all vehicles having an iron axle one inch and a half square or an axle of equivalent capacity shall be equipped with tires not less than two and a half inches in width."

By W. A. West—"That all two-horse wagons have a tire not less than four inches, and all single horse team wagons have a tire not less than three inches." Carried.

By Mr. Armstrong—"That it is most important that the benefits of under draining the roads whenever the frost leaves them to any extent should be made clear to all in the provision, and that they should be encouraged to put drainage work; therefore

"Resolved, that the government should consider the expediency of under-draining with tiles short stretches of the most travelled roads, in four or five places in each county under such conditions as they may see fit, employing men of experience." Carried.

The question of road-drainage was then discussed, after which the following resolution was passed:

"Resolved, that the use of road machines has been found very satisfactory when it has been thoroughly tried under proper management, and therefore its more extended use is strongly urged upon all sections of the province."

At the evening session, Mr. Burditt moved that the use of heavy rollers in connection with the road machine in road work, and in grading the roads, is almost of as much importance as the road machine, and that the government consider how they can be supplied. Carried.

Mr. S. L. Peters thought that the importance of using a heavy roller in road making could not be too strongly emphasized.

At this stage of the meeting the president was invited to exhibit his system of protecting banks of rivers and streams from washing, and explain the method of construction.

On the question of highway side lines the following was moved:

"Whereas, it is very generally impossible to ascertain where the legal bounds of the highways of the province are, or should be, it is therefore recommended that the legislature provide for the appointment of a commissioner composed of one or more engineers, with all necessary power to trace all lands and to define, mark out and record the bounds of at least the principal roads of the province." Carried.

On the obstruction of highways the following was moved:

"Whereas, great damage is frequently done to the highways by obstructions of ditches and other encroachments; therefore

"Resolved, that the attention of the government be directed to the advisability of empowering highway commissioners to compel anyone causing damage to the highway by any obstructions or encroachments to repair said damage to the satisfaction of the commissioners or be liable for damages, and that the commissioner must act on written complaint of any number of taxpayers." Carried.

It was further resolved, "That this meeting recommend that glazed earthen pipe, or pipe of similar nature, be used largely instead of log culverts. Whereas, it is the intention of the government to have the proceedings of this meeting printed and attached to the minutes of the meeting held in St. John, Sept. 21st, 22nd, and 23rd, 1897, for distribution throughout the province; therefore

"Resolved, that a number of copies be sent to the common council, St. John, and the several municipal counties throughout the province."

A vote of thanks was tendered to the president for his services and to the government for valuable assistance rendered.

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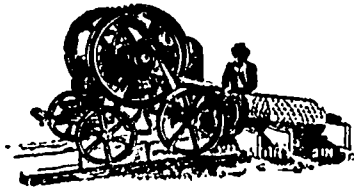
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