

CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL

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.

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FEBRUARY 27, 1901

No. 4.

THE CANADIAN CONTRACT RECORD, PUBLISHED EVERY WEDNESDAY

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NOTICE TO CONTRACTORS

Tenders for Concrete Side-walks and Sewer.

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, MARCH 6th, 1901, for the construction of concrete sidewalks on the following sections of streets; also for the construction of a sewer:

CONCRETE SIDEWALKS—

Harbord street, north side, from Robert street to Borden street
Charles street, north side, from Yonge street to Church street
McCaul street, west side, from Grange road to St. Patrick street
McCaul street, east side, from Caer Howell street to College street
Radwin street, south side, from Beverly street to Hnr n street
Selby street, north side, from Shebourne street to Huntley street
Gerrard street, north side, from Berkeley street to Ontario street
Melbourne avenue, north side, from Dufferin street to Cowan avenue
Melbourne street, south side, from Dufferin street to Cowan avenue
Oxford street, south side, from Spadina avenue to Augusta avenue
Clinton street, east side, from College street to Harbord street
Elm Grove avenue, east side, from King street to Queen street
Howard street, north side, from Glen road to Shebourne street
Queen street, north side, from Lansdowne avenue to a point 82 feet east
Oxford street, north side, from Spadina avenue to Augusta avenue

Also 12 inch tile pipe sewer on Summerhill avenue, from Yonge street to a point 7.9 feet east.
Contents of envelopes containing tenders must be plainly marked on the outside.
Conditions and specifications may be seen and forms of tenders, obtained at the office of the City Engineer on and after Tuesday, February 26th, 1901.
A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 2.5 per cent. on the value of the work tendered for, must accompany each 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
O. A. HOWLAND Mayor,
Chairman Board of Control.

City Hall, Toronto, Feb. 25th, 1901.

NOTICE OF REMOVAL.

Oakley & Holmes, contractors, are removing from Wellington street to 111 Yonge street. Estimates given on cut stone, brick work, etc.

TENDERS WANTED

Tenders will be received by the undersigned until 5 p.m. on THURSDAY, MARCH 1st, for the various works required in making additions and alterations to Bonar Presbyterian church, corner of College and Lansdowne streets, Toronto.
The lowest or any tender will not necessarily be accepted.

GORDON & HELLIWELL, Architects,
Confederation Life Building.

TENDERS WANTED

For the supplying of materials for, and the construction of, a steel trestle addition or approach to a bridge across the River Thames in the County of Kent, at the Town line of Harwick and Howard Townships.

Length, about 130 feet in four spans with a clear roadway of 16 feet.

Concrete abutment, concrete base to each trestle. Specifications and plan prepared by W. G. McGeorge are at the office of the County Clerk at Chatham.

Tenders for concrete and superstructure separately or as a whole.

No tender need necessarily be accepted.

Tenders to be accompanied by a marked cheque for one hundred dollars as a guarantee of good faith, and to be in my hands, or in Chatham post office on the 8th DAY OF MARCH, 1901.

Cheque of unsuccessful applicant will be returned.

J. C. FLEMING,
Clerk County of Kent.

CONTRACTS OPEN.

WYOMING, ONT.—The Methodists will build a new parsonage.

MIDLAND, ONT.—Josh. Hill is about to make improvements to his hotel.

MERRICKVILLE, ONT.—J. H. McCabe has decided to enlarge his hotel.

SAULT STE. MARIE, ONT.—The town clerk is getting prices on fire hose.

ELMIRA, ONT.—Several new dwellings will be built the coming summer.

BALMORAL, MAN.—Manning & McClure are about to build a saw mill here.

ANTRIM, ONT.—Work will be commenced shortly on the new Methodist church.

VICTORIA, B. C.—Competitive plans will be invited for a new high school building.

NORTH SYDNEY, N. S.—The corporation will borrow \$100,000 for sewerage purposes.

MONCTON, N. B.—Peter Sweeney intends erecting a large brick block this summer.

PRESTON, ONT.—It is probable that a waterworks system will be constructed in this town.

KINGSVILLE, ONT.—The council has been asked to build an addition to the public school.

PALMERSTON, ONT.—The ratepayers will vote on the question of installing an electric light plant.

GORE BAY, ONT.—The Ontario government has been asked to build an addition to the court house here.

ARTHUR, ONT.—A large brick store will be built this season on the corner opposite the Arlington hotel.

WIARTON, ONT.—The township of Easthor purposes carrying out drainage work to the extent of \$11,600.

TOTTENHAM, ONT.—The Ontario government has been asked to make a grant towards a high school here.

PENETANGUISHENE, ONT.—P. Payette is preparing to build a new residence, corner Church and Brock streets.

WALNUT, ONT.—Brooke township council is considering the enlargement of the twelfth line outlet and other drains.

NANAIMO, B. C.—The Nanaimo Water works Co. have decided to make considerable extensions to their water mains.

GEORGETOWN, ONT.—The Presbyterian church, destroyed by fire last week, will be rebuilt at once.

AVONMORE, ONT.—Tenders are invited by W. H. Campbells up to March 11th for erection of Presbyterian manse.

ST. THOMAS, ONT.—The St. Thomas Street Railway Co. will shortly start to build an extension of their system to Port Stanley.

WALLACEBURG, ONT.—The directors of the Sydenham glass factory, recently partially destroyed by fire, have decided to rebuild.

NGLIS FALLS, ONT.—W. A. Inglis has decided to rebuild the woollen mills, to be two storeys, of brick and stone, with fire-proof walls.

SACKVILLE, N. B.—A. R. Wetmore has made surveys for a steel bridge across the Tantramar to be built by the provincial government.

NEW WESTMINSTER, B. C.—W. S. Collister will build a residence on Agnes street, and F. J. Hart a residence on Third street.

CANZO, N. S.—The Dominion authorities have decided to remove the marine biological station from St. Andrews, N. E., to this place.

BARRIE, ONT.—The county council has been asked to grant \$3,000 towards the erection of a proposed hospital to cost \$12,000.

PARIS, ONT.—Bids are asked by Thos. McCosh, town clerk, up to March 9th for the purchase of \$15,000 twenty year four per cent. debentures.

MILLTOWN, N. B.—Robert Irvine has been instructed to prepare plans for alterations and addition to Methodist church, to cost about \$3,000.

TRENTON, ONT.—W. Doherty, chairman building committee, invites tenders up to March 15th for erection of Methodist church in this town.

ARNPRIOR, ONT.—Soundings have been taken by Robert Surtees, C. E., for the laying of an intake pipe in connection with waterworks system.

CROWLAND, ONT.—The contract for building a wooden bridge across Lion's

creek will be let on March 7th. Particulars from J.W. Vanalsteine.

ST. LOUIS, QUE.—The town will apply for amendments to its charter giving authority to make arrangements for the filtering of the water supply.

EDMONTON, N. W. T.—The plans of Edmiston & Johnston, architects, of this town, have been accepted for new school building to be built here.

BEAVERTON, ONT.—Alex. Dobson has asked the various councils for permission to build an electric railway from his peat works to the G.T.R. station.

SACKVILLE, N.B.—It has been decided to enlarge the electric light plant. A brick power house will be erected and a new boiler and engine installed.

ATWOOD, ONT.—Elma township council will ask the Ontario government for grants for the improvement of the Maitland river and the Stewart drain.

PEMBROKE, ONT.—J. A. Thibodeau and R. W. Gordon are taking steps to secure the construction of the Toronto, Lindsay and Pembroke railway.

PARRY SOUND, ONT.—A company has asked the town for a bonus of \$20,000 to assist in the construction of an electric railway to Ahmic Harbor.

CHATHAM, N.B.—The date for the reception of tenders for construction of waterworks system has been extended from February 20th to March 4th.

BOWMANVILLE, ONT.—The G. T. R. has been asked to build a spur line of railway from the main line to this town, a distance of one and one-half miles.

WEBBWOOD, ONT.—R. W. Plunkett has taken a contract to supply brick for the pulp mill to be built at this place by the Spanish River Pulp & Paper Co.

ST. HENRI, QUE.—The John Terrault Tool & Malleable Iron Works Co. propose to establish a new industry here for the manufacture of axes and other tools.

VENTRY, ONT.—Rev. James Buchanan, of Dundalk, invites whole or separate tenders for erection of brick church at this place. Plans at Mr. Buchanan's residence.

LINDSAY, ONT.—Tenders are wanted by March 1st for erection of new hospital in this town, from plans by Taylor & Gordon, architects, Montreal. Particulars from J. D. Flavell.

FITZROY HARBOR, ONT.—A. H. Bruce, C.E., is making surveys for the development of the Chats water power at this place. Louis Simpson, late of Valleyfield, Que., is interested.

COLLINGWOOD, ONT.—T. C. Brown is having plans prepared for a two story brick residence to be built on Pine street. H. B. O'Brien and John Foster also intend building new residences.

BROOKE, ONT.—The Sarawak township council is considering the granting of a loan of \$5,000 to a canning company represented by W.A. T. Graham. Buildings to cost \$10,000 will be erected.

SMITH'S FALLS, ONT.—Rev. G. E. Bates, chairman building committee, invites tenders up to Tuesday, March 12th, for building a church and parsonage on lot No. 4, second line Beckwith township.

WOODSTOCK, N. B.—Incorporation is being sought for a railway company to build the St. John Valley road, with power to build from Centreville to St. Leonard's. C. N. Skinner, K.C., is acting for the company.

WELLAND, ONT.—Welland council may float a loan to improve the highways of the county and to purchase road machinery.—The council is considering the question of assuming control of the electric light plant.

NEW GLASGOW, N. S.—Messrs. Fitzpatrick, of Pictou, and other capitalists are reported to be considering the con-

struction of a line of railway from New Glasgow to Guystoro, thence to the Strait of Canso.

DURHAM, ONT.—The construction of the buildings and plant of the National Portland Cement Co. is expected to cost about \$500,000 and to be commenced about April 1st. Albert Carman, of Stratford, is interested.

COBOURG, ONT.—The collegiate institute board of trustees are making arrangement for the erection of an up-to-date institute building in the spring. It will include every facility for carrying on the work of business college education.

HALIFAX, N. S.—It is said that H. P. Clarke has purchased property on Barrington street on which to erect the proposed theatre.—A special committee have secured the Tully property as a site for the proposed electric light power house.

CHATHAM, ONT.—A by-law will be submitted to the ratepayers to grant a bonus of \$20,000 to Dowsley & Son to assist in erection of spring factory.—The ratepayers of Dover township have asked that a bridge be built across Bear creek.

WINNIPEG, MAN.—It has been announced that the C.P.R. has decided to continue the work of double tracking its line between Fort William and this city. Substantial improvements are also contemplated at Port Arthur and Fort William.

PETERBOROUGH, ONT.—Louis Houdrey & Son, seed and grain merchants, of France, have purchased the bridge works property here for their Canadian headquarters, and purpose expending some \$10,000 in acquiring and improving the premises.

NORTH TORONTO, ONT.—W. J. Douglas, town clerk, wants tender: by noon of 28th inst. for construction of circular brick well twenty feet in diameter, and drainage of springs. Plans at office of R. E. Speakman, C. E., Canada Life Building, Toronto.

LEVIS, QUE.—F. E. Roy, secretary-treasurer of the municipality, invites tenders up to March 18th for the purchase of \$70,000 of debentures. It is proposed to spend \$20,000 of this sum during the coming summer in road improvements and other public works.

ST. MARY'S, ONT.—Plans have been prepared by A. J. Humphris, architect, for residences for Wm. Pearn, St. Mary's, and A. Scott, Woodham, also for alterations and additions to Methodist parsonage in this town, including heating and plumbing.

GUELPH, ONT.—Tenders for building residence, corner Eramoso road and Queen street, for Dr. Wells are invited by W. F. Colwill up to 6 p.m. Saturday, March 2nd.—Bids are invited by Richard Mitchell, city clerk, up to noon of March 1st for erection of new fire hall, with embossed metal ceiling.

TORONTO JUNCTION, ONT.—J. A. Ellis, architect, has been commissioned by the school board to prepare plans for a four room school building for ward 3, to cost not more than \$6,000.—The C. P. R. proposes to install an electric plant for lighting their shop, yards and station.

KINGSTON, ONT.—There is an agitation on foot for erection of a new separate school on Howe Island.—The city invites tenders up to March 12th for supply of 200,000 feet of pine plank, 40,000 lineal feet of cedar sleepers, and a quantity of drain tiles. Particulars from A. K. Kirkpatrick, city engineer.—The authorities of Queen's University are considering the question of establishing a lighting plant.

BROCKVILLE, ONT.—The corporation invites tenders up to March 7th for construction of granolithic sidewalks required during the year. Particulars from S. J. Geash.—The city engineer has been in-

structed to prepare plans and estimate of cost for a wooden and iron bridge crossing the C. P. P. track.

LONDON, ONT.—Tenders will shortly be invited by the city for several miles of cement walks to be constructed this year.—The Board of Education has requested the council to issue debentures for \$25,000 for the purpose of building four new schools.—H. C. McBride, architect, is this week taking tenders for erection of brick residence.—Tenders will be received by F. W. Farncombe, C.E., up to March 9th, for construction of concrete abutments for bridge at Poplar Hill, Lobo.

VANCOUVER, B. C.—It is reported that a local company is considering plans for the erection of another cannery on Howe Sound.—Peter Schneider purposes erecting four dwellings on Helmcken street, to cost \$9,600.—The English Fish Curing Co. will erect a fish market in the east end. A. W. Jarvis is secretary of the company.—It is said that \$500,000 will be expended by the C. P. R. in enlarging their hotel here.—Mrs. Margaret Carden will erect a large two story and basement boarding house, to cost \$4,100.

FREDERICTON, N. B.—The Imperial Oil Co. will build an oil tank here.—The Provincial Public Works Department invites tenders up to March 4th for building masonry substructure and approaches to Oak Bay bridge in Charlotte county, and for rebuilding Murray bridge across North river, and a low water wharf at "The Cedars," King's county, also until March 18th for rebuilding McNair bridge in Restigouche county.

ST. JOHN, N. B.—The building committee of the Y. M. C. A. have decided to proceed with the new building, the sum of \$13,000 having been subscribed.—The school trustees have decided to build the proposed school building at Carleton of brick, with a brick and stone basement. H. H. Mott, architect, has been instructed to prepare the necessary plans. Options are being procured on sites for a new school building on Elm street, to be of brick and containing ten rooms and an exhibition hall; estimated cost, \$30,000.

QUEBEC, QUE.—Final arrangements are being made by John Nichol, of Detroit, for preliminary surveys for the Quebec & Lake Huron railway, said to be backed by prominent American railroad men.—The Quebec Suburban Electric Railway Co. is applying for incorporation, to build a line from this city across the parish of Limoilou and along the south shore of the St. Lawrence in the counties of Levis and Lotbiniere.—D. McGee will build a large three-story brick house on the ramparts, cost \$10,000.

BRANTFORD, ONT.—Alterations and improvements to Zion church have been decided upon; Rev. W. A. J. Martin, pastor.—The Board of Works has been instructed to call for tenders for annual supplies.—The Presbyterian congregation have decided to build a new church in the east ward.—The chief of the fire department has recommended the erection of a fire station in the east ward.—Some of the leading property owners in Brant county are moving towards the erection of a steel bridge over the Grand river at the west end of West Mill street.—It is rumored that the C. P. R. intends to build a line from Woodstock to this city.

HAMILTON, ONT.—The acting medical health officer has recommended the establishment of a pest house, and the Board of Health has appointed a committee to procure options on suitable sites.—The city engineer has submitted to council a method of operating the waterworks, including the erection of an iron storage tank and the placing of a pump driven by an electric motor at the high level pumping station. The cost of the tank is given as \$1,600, and the motor and pump \$1,750.—The Christian Workers intend

erection of a church, corner Park and Merritt streets.—Thos. Allen will make alterations to dwellings, corner West avenue and Robert street, cost \$1,000.

MONTREAL, QUE.—The chief of the fire department has prepared a statement showing that new fire stations and apparatus are required.—Plans have been prepared by the Chateaugay & Northern Railway Co. for a bridge spanning the Riviere des Prairies at Bout de l'Île, and tenders for same will be invited within the next few weeks. The bridge will be 4,708 feet in length, and will comprise two structures across the two channels, one on the west side of 1594 feet, and one on the east of 1114 feet, with 2,000 feet of rails across the island in the middle. The larger bridge will have seven spans, and the smaller one eight spans.—Plans of hospital to be built at Lindsay, Ont., are on view at the office of Taylor & Gordon, architects. Tenders close noon of March 1st.—McVicar & Heriot, architects, are calling for tenders for addition to Fairmount school.—W. Doran, architect, is preparing plans for St. Edwards Church, St. Anne, Bouvelard.—Building permits have been issued as follows: Mrs. M. Barber, two story house, DeFleurimout street, cost \$1,000; R. Roy, two story house, 16 Maisonneuve street, cost \$1,000; A. M. Fraser, alterations to three story house, 1899 St. Catherine street, cost \$3,000; Warden, King & Son, alterations to three story factory, 637 Craig street, cost \$5,500; Brouillette Bros., two story house, 179 Dufferin street, cost \$2,500; Mrs. A. Duperrault, two 3 story houses, Bishop street, cost \$14,500 each.

OTTAWA, ONT.—Plans have been presented to the city property committee for an addition to the registry office, to cost \$2,500.—A company is being formed here to build a large confectionery and biscuit manufactory.—The Minister of Marine and Fisheries will shortly ask for tenders for the construction of two steel steamers.—The Government has stated that it is proposed to establish a lighthouse on Michipicoten Island, cost \$3,000.—It is understood that J. R. Booth is interested in the Consumers' Electric Co., which is being organized by J. W. McRae.—The city council has finally decided to call for tenders for the new contagious diseases hospital to be built on the rifle range park.—L. K. Jones, secretary Department Railways and Canals, invites tenders up to February 28th for rebuilding of guide pier at the Carillon canal, and up to Friday, March 1st, for taking down and rebuilding in concrete a portion of the timber superstructure of the east dock at Port Dalhousie. Plans of the latter work to be seen at the office of the superintending engineer, St. Catharines, and cheque for \$1,000 to accompany tender.—Frank A. Hibbert, C.E., is acting as consulting engineer for the syndicate which purposes developing the water power acquired from the Hull Lumber Co., and bids will shortly be invited for supply of the necessary turbines. H. K. Egan, Hiram Robinson and W. C. Edwards, M. P., are interested.—Arnoldi & Ewart, architects, have taken tenders for an addition to the Rideauville school.

TORONTO, ONT.—Geo. W. Murray, of the firm of A. Black & Co., of Winnipeg, is in this city with a view to purchasing material for erection of a bank building in Winnipeg for the Merchants Bank of Canada, to cost about \$225,000. Taylor & Gordon, of Montreal, are the architects.—Darling & Pearson, architects, have invited tenders for taking down the building situated on the north-west corner of Queen and Bathurst streets.—The old Shaftsbury hall building, corner Queen and James streets, is being torn down to make room for the new building to be erected by the Wm. Davies Co., the plans for which have been prepared by

Burke & Horwood, architects.—Steps are being taken to raise funds with which to erect a Sunday school building for St. Luke's church on St. Joseph street.—The Recinate Fire-Proofing Co., manufacturers of fire-proof paints, will likely establish a branch factory in Canada.—It is the intention of the G.T.R. to re-arrange and make improvements to the freight yards and switches into business premises on both sides of the Esplanade.—The report of W. J. Jennings and J. T. Roy, engineers appointed by the Dominion Government to report upon the improvement of Toronto harbor, has been presented to the House. The improvements recommended include dredging, construction of crib work and island groynes, widening Ashbridge's and Don channels, etc., and is estimated to cost over one million dollars.—The Toronto Suburban Railway Co. has asked the legislature for power to extend their road to Hamilton.—West end manufacturers have asked the council for a new fire hall, a larger water main in King street, and a clock in the Ossington avenue fire hall.—The business men of Queen street east will petition for an asphalt pavement on that street between River street and the G.T.R. crossing.—The city desires tenders by March 6th for the supply of cedar and Norway pine scantling.—The C.P.R. authorities have announced their intention of proceeding with the following works during the coming season: Ballasting sixty-one miles between Vaudreuil and Perth, \$25,000; water tank and stand pipe at Kemptville junction and Monklands; enlarged siding at twelve points between Toronto and London, \$9,000; repairs to bridges west of Toronto, \$37,000; ballasting west of Toronto, 36 miles, \$19,000; stand pipes at London, ballasting on Owen Sound division, \$10,000; sidings on Owen Sound division, \$8,000; acetylene gas lighting plant at Owen Sound; electric light plants for lighting freight sheds, engine house, etc., at Toronto, and also at Toronto Junction, \$12,000.—Building permits have been granted as follows: Wm. Roof, alterations to old Telegram building, cor. King and Bay sts., for hotel purposes, cost \$5,000 (C. J. Gibson, architect); J. Wheeler, 2 pair s.d. 2 storey brick dwellings, Smith st., near Broadview ave., cost \$2,600; Mrs. Margaret Colwell, 2 storey bk. dwelling, 538 Ossington ave., cost \$1,200; Mrs. Gillespie, 2 storey r. c. dwelling, brick front, 48 Brooklyn ave., cost \$1,400; Dr. Sheard, two storey wooden addition to residence, Hanlans Point, cost \$1,900.—Messrs. Nesbitt & Auld have purchased the building at the north east corner of Bay and Wellington streets, and intend replacing the present structure with a large new building to be used as a woolly warehouse.

FIRES.

Residence of F. J. Balsdon, Burlington, Ont., damaged to extent of \$1,500.—Residence of Andrew Spear, near Co-

bourg, Ont.—Store at Kingsville, Ont., owned by Charles A. Quick; loss on building, \$6,000.—Skating and curling rink at Miami, Man.—Residence of Wesley Hunton at Kemptville; loss \$1,200.—Residence of Rex Copland, near Harrison, Ont.—Hotel at Wheatley, Ont., owned by Mrs. A. Merritt; loss \$3,000.

CONTRACTS AWARDED.

BRUSSELS, ONT.—Pressed brick residence for James Fox: W. E. Binning, Listowel, architect; Nathan Purcell, Listowel, brickwork.

LISTOWEL, ONT.—Brick residence for W. T. Alexander, of Elma township: Mason work, George Fritz, this town; carpenter work, Alex. Hurd.

TAVISTOCK, ONT.—Bridge over Thames river in township of East Zorra: Abutments, Thomas Callan, of Innerkip; substructure, Hamilton Bridge Co., \$573.

KINCARDINE, ONT.—Morrison block: Brickwork, Nathan Purcell, Listowel; cut stone, R. T. Kemp; carpenter work, George K. Wahl. W. E. Binning, architect.

TORONTO, ONT.—The Bennett & Wright Co. have secured the contract for plumbing and heating the new building to be built by the William Davies Co. on the Shaftesbury Hall site.

HAMILTON, ONT.—The contract for sewer pipe for this city was secured by the Hamilton & Toronto Sewer Pipe Co., Limited, instead of the Canadian Sewer Pipe Co., as given in last issue.

OTTAWA, ONT.—The Polson Iron Works Co. have secured the contract from the Dominion Government to build an hydraulic dredge, of steel, cost \$250,000.—Addition to Murphy & Co.'s store: John O'Connor, contractor.

MONTREAL, QUE.—Marble block on St. James street for Carsley: Co. A. F. Dunlop, architect; Simpson & Peel, general contractors.—The Dominion Bridge Co. have been awarded the contract for structural work on the Monastery of the Precious Blood, Notre Dame de Grace.—G. A. Monette, architects, has awarded contracts for Monastery for the Sisters of the Precious Blood, containing two chapels, as follows: Masonry, M. Huberdeau; carpenter work, Labricquit Mereau; brick work, P. Brunet.

FREDERICTON, N. B.—The Provincial Government have let the following contracts for re-building bridges: Bill Creek bridge, Albert county, to Jeremiah Steeves, of Salem; Nash's Creek bridge, Restigouche county, to Matthew McDonnell; Jacquet River, Restigouche county; Brookton bridge, Albert county, to A. E. Syme, Alma, Albert county; Springfield bridge, York county, to Jas. B. Currie, Mactnaquae, York county; Abner Smith bridge, Sunbury county, to Jos. A. Noble, Rusingornis, Sunbury county; Clarke bridge, parish of Eldon, Restigouche county, to Murdock G. Mann, Campbell-

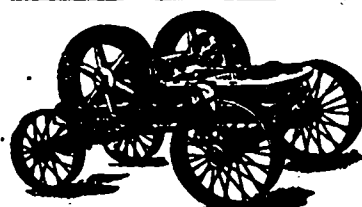
Good Roads Machinery Co. (Registered)

JOHN CHALLEN, Manager, HAMILTON, ONT.

"CHAMPION" Rock Crushers, Road Rollers, Road Graders, Road Plows, Macadam Spreading Wagons, Street Mud Cleaners, Wheel & Drag Scrapers.

Now introduced in every Province of Canada.

Send for Twentieth Century Catalogue.



STONE Crushers, Stone Spreading Wagons, Wheelers and Drag Scrapers, Plows, Steam and Horse Rollers, Road Graders, &c.

SAWYER & MASSEY COMPANY, Limited - Hamilton, Canada

ton ; Ryan bridge, parish of Eldon, Restigouche county, to G. C. Sutherland, of Bathurst.

LONDON, ONT.—The following tenders have been accepted for annual supplies for the city: Paving crossings and gutters and cedar block crossings, Baldwin & Bldwin; Lumber, Dymont, Baker Lunber Co.; glazed pipe, John Mann & Sons; Portland cement, John Mann & Sons; nails, James Cowan & Co.; iron castings, London Foundry Co.; concrete pipe, E. North.

THE DOMINION ESTIMATES.

(Continued from last issue).
HARBORS AND RIVERS.

Ontario.—Cobourg, repairs to piers and dredging, \$5,000; Collingwood, harbor improvements, \$25,000; Colpoys bay, extension of pier, \$1,400; Goderich harbor, dredging, \$7,000; Goderich harbor, reconstruction of breakwater and repairs to pier, \$2,000; general repairs and improvements to harbor, river, and bridge works, \$15,000; Hawkesbury, dredging, \$6,000; Lake Temiscamingue, wharfs, \$1,000; Lancaster, wharf, \$3,500; Leamington pier, \$16,000; Meaford harbor, dredging and pile work, \$41,000; Midland harbor, dredging, \$8,500; Owen Sound harbor, dredging and extension of pile protection works, \$8,500; Point Pelee Island, wharf, \$2,500; Port Burwell, improvement of harbor, \$23,000; Port Hope, repairs to piers, \$3,700; Port Hope, dredging, \$5,000; Providence bay, wharf, \$1,300; Rondeau harbor, dredging, \$5,000; Rondeau harbor, to complete repairs to pier, \$10,000; Sheguindah, landing pier, \$3,300; South Nation river, towards improvements at the

Pitch-off, \$5,000; Toronto harbor, works at eastern entrance, &c., \$22,000; Trenton, dredging channel, Murray canal to Central Ontario railway dock, &c., \$5,000; Warton, landing pier, \$4,500.

Quebec.—Baie St. Paul, repairs to piers, \$1,500; Cap Sante, wharf, \$2,500; Carleton, extension of landing pier, \$4,000; Chicoutimi pier, combined freight shed and waiting room, \$1,500; Coteau landing, dredging, \$5,000; Father point, landing pier, \$15,000; Gatineau river, protection work on east side of river, \$1,000; Grande Vallee, pier, \$5,000; general repairs and improvements to harbor, river, and bridge works, \$15,000; Hull, landing pier, \$38,500; Ile aux

Grues, North shore, construction of wharf and purchase of land, \$500; Les Boules, wharf, \$10,000; Lower St. Lawrence, removal of rocks, \$2,000; Magdalen Islands, breakwaters, \$7,000; New Carlisle, repairs to wharf, \$700; Newport breakwater, \$5,000; Nicolet harbor, repairs to

(Continued on page 6.)

BONDS

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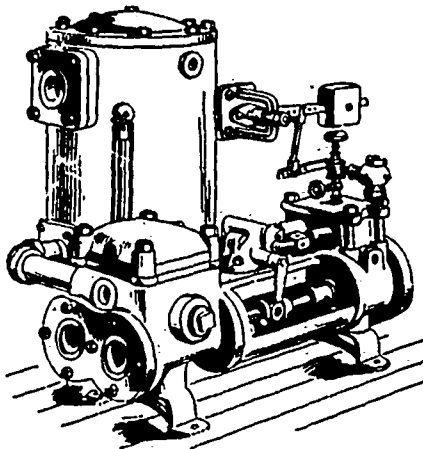
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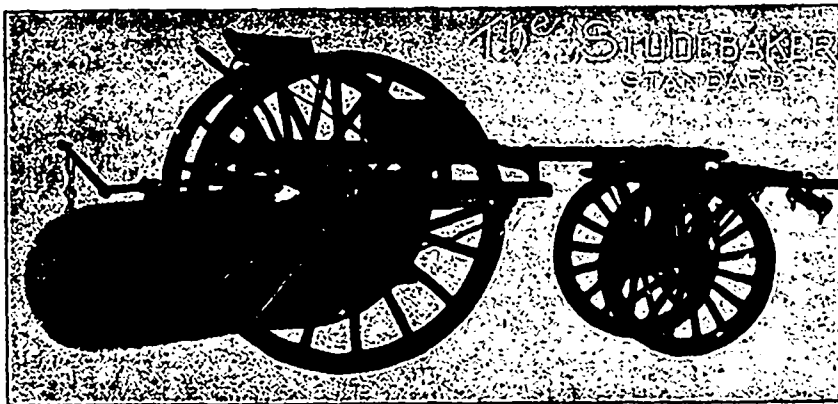
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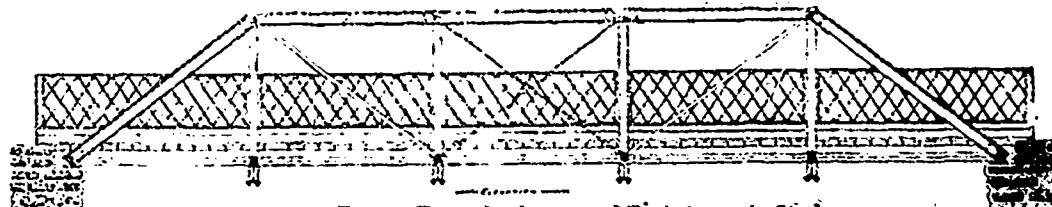
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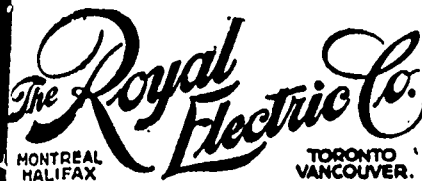
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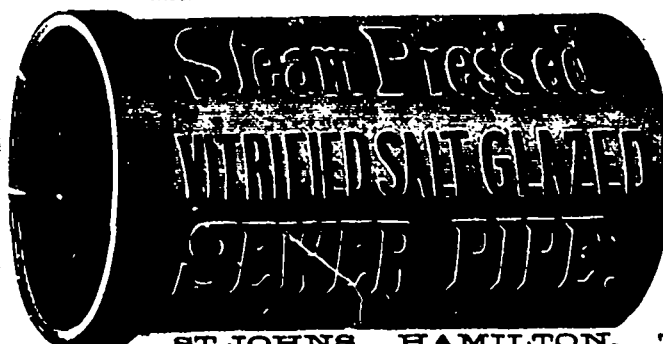
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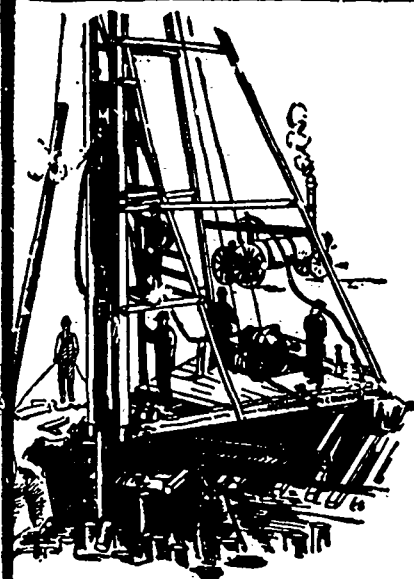
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Manitoba.—General repairs to harbor, river and bridge works, \$3,000; Lake Manitoba, opening of additional outlet to prevent overflow of lake, and maintenance of lake at proper level for navigation purposes, \$5,000; wharf on Lake Winnipeg, \$3,400.

North-west Territories.—General repairs to harbor, river, and bridge works, including approaches, \$5,000.

British Columbia.—Columbia river, improvements above Golden, \$5,000; Fraser river, improvement of channel, protection works, etc., \$10,000; general repairs to harbor, river and bridge works, \$3,000; Salmon river, removal of drift wood and other obstructions, \$2,500; Skeena river, \$6,500.

Nova Scotia.—Abbott's Harbor, beach protection works, \$1,105; Beaver river, extension of wharf, \$2,100; Boularderie Centre, wharf, \$1,100; Brooklyn, to complete wharf, revote of lapsed amount, \$650; Canada Creek breakwater, new block, \$500; Cape Negro Island, repairs to and extension of breakwater, \$500; Cariboo Island, to complete breakwater, \$900; Chebogue Harbor protection works, \$1,320; Cheverie breakwater extension, \$4,000; Clark's Harbor, to complete breakwater and remove rocks from channel, \$6,000; Clementsport, removing obstructions in harbor, \$1,000; Comeau's Hill breakwater, \$1,500; Comeauville, repairs to breakwater, \$2,000; Cow Bay (Port Morien), repairs to breakwater, \$10,000; Cribbon's Point, repairs to wharf, \$800; Digby pier, repairs, new shed, etc., \$3,300; Ecum Secum wharf, \$1,300; Friars Head boat harbor, \$1,100; Gabarus Bay breakwater, \$1,000; Grand Narrows, reconstruction of wharf, \$500; Isaac's Harbor, wharf, \$1,800; L'Ardoise West, protection pier at La Bill's Point, \$500; Little Bras d'Or wharf, \$4,000; Livingston's Cove, to complete wharf, \$2,000; Lockport, to complete breakwater, \$300; McNair's Cove, repairs to wharf, \$1,200; Mabou Harbor, repairs to piers, \$1,500;

Margaree l'arbor improvements, \$1,000; Margaretvil repairs to breakwater, \$820; Meteghan Cove breakwater, \$3,200; Morden, repairs to breakwater, \$3,010; Neil's Harbor breakwater, \$14,000; Newellton, to complete wharf, \$400; Parrsboro', reconstruction of beach protection works, \$1,550; Parrsboro' wharf, \$2,000; Partridge Island, repairs to breakwater, \$1,000; Pictou Light beach protection, \$560; Porter's Lake, dredging and breakwater at entrance of channel, \$6,000; Port Hillford breakwater, \$3,000; Port Hood wharf, repairs, \$1,200; River John wharf, \$800; Saulnierville, extension of breakwater, \$720; Scott's Bay, repairs to pier, \$2,030; Three Fathom harbor works, repairs and extension, \$1,200; Windsor Harbor, Sheardams, training dykes and deepening River Avon, \$2,300.

Prince Edward Island.—Campbell's Cove, reconstruction of breakwater, \$1,500; Cascumpec Harbor, closing opening through beach, \$2,000; creosoted timber for general repairs to wharfs, piers and breakwaters, \$2,000; general repairs to piers and breakwaters, \$6,000; Miminegash breakwater, etc., \$1,500; New London, repairs to breakwater, etc., \$3,600; Rustico (South), repairs to pier, \$1,500; Souris, Knight's Point, strengthening the breakwater, etc., \$5,000; Summerside Harbor breakwater, \$15,000; West Point, extension of pier, \$2,000; Wood Island South, extension of breakwater, \$700.

New Brunswick.—Back Bay, towards extension of wharf, \$4,900; Bay du Vin,

to complete extension of wharf, \$2,750; Burnt Church wharf, \$3,000; Campbellton wharf, extension and repairs, \$3,000; Campobello (Wilson's Beach), repairs to breakwater, \$6,000; Chatham custom-house wharf, reconstruction and repairs, \$1,600; Hopewell Cape, new wharf, \$12,000; Lord's Cove, Deer Island, extension of wharf, \$1,000; River St. John, including tributaries, \$16,000; St. John Harbor, Negro Point breakwater, \$20,000; St. John Harbor, repairs to and extension of protection works at base of Fort Dufferin, \$1,500; Shippegan, wharf at Lameque, \$3,200.

It has been found necessary to omit from this issue the article on "Blasting," but in the RECORD of next week it will be continued.

We regret to learn that by a recent fire at Niagara Falls, Ont., Mr. Charles H. Mitchell, civil and hydraulic engineer, suffered a considerable loss in instruments and plans, particularly in work on hand on power and railway projects. Fortunately, however, the plans in many cases are in such a condition that they may be reproduced. Mr. Mitchell's field books as well as valuable papers and documents, were saved.

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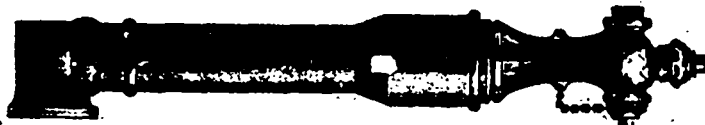
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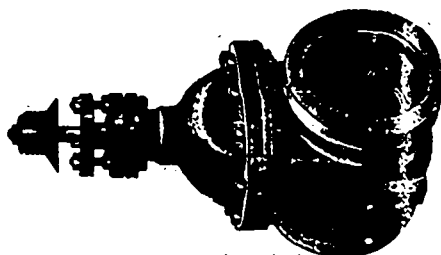
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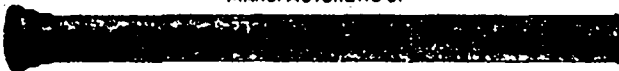
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Table listing prices for common brick, including Common Walling, Good Facing, Sewer.

STONE.

Table listing prices for various types of stone, including Commo Rubble, Large flat Rubble, Foundation Blocks, Granite, etc.

INDEX TO ADVERTISEMENTS

In the "Canadian Architect and Builder."

Large index table listing various categories of advertisements such as Architects, Contractors' Plant and Machinery, Lime, Roofers, etc., with corresponding page numbers.

CREDIT VALLEY STONE.

Table listing prices for Credit Valley stone, including Rubble, Brown Coursing, etc.

LONGFORD STONE.

Table listing prices for Longford stone, including Rubble, Ashlar, etc.

SLATE.

Table listing prices for slate, including Roofing, Terra Cotta Tile, etc.

CEMENT, LIME, etc.

Table listing prices for cement, lime, and other building materials, including Portland Cements, Roman, etc.

HARDWARE.

Table listing prices for hardware, including wire and cable, etc.

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Table listing prices for cut nails, fence and cut spikes, including 40d, 30d, 20d, etc.

Iron Pipe:

Table listing prices for iron pipe, including 1/2 inch, 3/4 inch, etc.

Galvanized Iron:

Table listing prices for galvanized iron, including Adam's-Mar's Best and Queen's Head and Opello.

Structural Iron:

Table listing prices for structural iron, including Steel Beams, angles, etc.

ARCHITECTURAL VARNISHES

Table listing prices for architectural varnishes, including Exterior walling body, Exterior rubbing, etc.