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CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL
OF THE PUBLIC WORKS 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. 11. MAY 9, 1900 No. 14

THE CANADIAN CONTRACT RECORD,
PUBLISHED EVERY WEDNESDAY
As an Intermediate Edition of the "Canadian Architect and Builder."

Subscription price of "Canadian Architect and Builder" (including "Canadian Contract Record"), \$2 per annum, payable in advance.
G. H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,
Publishers.

CONFEDERATION LIFE BUILDING, TORONTO.
Telephone 2362.
Branch Office:
Imperial Building, Montreal.
Telephone Main 2299.
Advertising Rates on application.

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

Subscribers who may change their address should give prompt notice of same. In doing so, give both old and new address. Notify the publishers of any irregularity in delivery of paper.

WANTED—Correspondence with a view to partnership in a growing town. Address full particulars as to experience, etc., to Box 444, CONTRACT RECORD.

To Stone Crushers

Offers will be received by the undersigned up to MAY 21st for crushing about 300 cords of hard stones, in the pit, at a price per cord.
The lowest or any tender not necessarily accepted.
WM. FAIRLEY, Village Clerk,
Norwich, Ont.

TO CONTRACTORS

Sealed tenders, addressed to "Dr. Snider, Waterford, Ont." will be received up till noon, WEDNESDAY, MAY 16TH, 1900, for the erection of

Stone Masonry Abutments for a Bridge

to be built over Big Creek one mile north of Delhi. Plans and specifications may be seen at the office of the undersigned.

W. H. FAIRCHILD,
County Engineer,
Simcoe, Ont.

Simcoe, April 30th, 1900.

TENDERS FOR

STEAM ROAD ROLLER

Tenders will be received by the Director of Public Works, Saint John, N.B., until MONDAY, THE 14TH DAY OF MAY, 1900, for furnishing the City of Saint John, N.B., with one first class 15-ton Steam Road Roller of the latest and most approved pattern and style.

Thorough specifications and name of roller will be required with tenders.

The roller to be delivered in the City of Saint John (East S de), properly set up and working to satisfaction of Department of Public Works.

Tender to state at what time roller will be delivered. A deposit of \$150 must accompany each tender, this amount to be retained until fulfilment of contract.

A. CHIPMAN SMITH,
Director.

PROPOSALS FOR

WATERWORKS

TOWN OF MEDICINE HAT

Sealed proposals, addressed to W. N. Adsit, Town Clerk, Medicine Hat, N.W.T., will be received up to 8 o'clock p.m. on

1st JUNE NEXT,

for the construction of a System of Waterworks, and for furnishing materials and supplies therefor.

Plans and specifications may be seen at the Town Clerk's office, Medicine Hat, and at the office of H. N. Ruttan, Consulting Engineer, City Hall, Winnipeg, Manitoba, from whom specifications and forms of tender may be obtained.

Each tender is to be accompanied by a cash deposit or marked cheque for the sum of 5 per cent of the amount of the tender.

The town reserves the right to reject any or all tenders.

W. N. ADSIT, Town Clerk,
Medicine Hat, N.W.T.

Tenders Wanted

The Council of the County of Oxford invite tenders for a New Brick Building to be erected on the Court House Square in Woodstock. And also for the complete installation of a New Plant for Heating all the County Buildings by the "Webster System of Steam Heating."

Sealed tenders, addressed to the County Clerk, will be received up to noon on

TUESDAY, THE 29th INST.

Plans and specifications may be seen and all information obtained from the Architect, Mr. Alex. White, No. 45 Wellington Street, Woodstock.

The lowest or any tender not necessarily accepted.

JAMES WHITE,
County Clerk.

Woodstock, Ont., May 8, 1900.

Smith's Falls

WATER WORKS AND SEWERAGE WORKS

Sealed tenders will be received by the Town Clerk, underdressed "Tenders for Waterworks and Sewers," until 5 p.m. on

TUESDAY, MAY 22ND, 1900,

for the construction of about 23,000 lineal feet of Tile Sewers, and about 2,730 lineal feet of Water Mains, nearly all in rock trenches.

Plans and specifications to be seen at the office of the Town Clerk, Smith's Falls, Ont., or at the office of the Chief Engineer, Toronto.

No tender necessarily accepted. This notice will appear on May 9th and May 10th only.

B. E. SPARHAM,
Town Clerk,
Smith's Falls, Ont.

WILLIS CHIPMAN,
Chief Engineer,
103 Bay Street, Toronto, Ont.

May 9th, 1900.

NOTICE TO BRIDGE BUILDERS

Sealed tenders, marked "Tender for Kemptville Bridge," for the Superstructure of a

STEEL SWING BRIDGE

over the south branch of the Rideau River, in the Village of Kemptville, Ont., will be received by the undersigned, until the arrival of the last mail on SATURDAY, JUNE 2ND, 1900.

Plans, specifications, etc., may be seen and all other information obtained at the office of the undersigned, in Carleton Place, Ont., and at the drug store of Angus Buchanan, Chairman of Bridge Committee, Kemptville, Ont.

Also sealed tenders, marked "Tender for Piers, Kemptville Bridge," for the building of a Concrete Pivot Pier and Two Abutments. For the above bridge, will be received at the same time; apply same places for information.

The lowest or any tender, in either case, not necessarily accepted.

E. T. WILKIE, C.E.,
Carleton Place, Ont.
Engineer for Village of Kemptville, Ont.

TENDERS

For the construction of Cement Sidewalks and a Sewer in the Municipality of the Village of Blyth will be received by the undersigned up to 22ND INST., from whom also all necessary information relating to plans and specifications may be obtained.

The lowest or any tender not necessarily accepted

T. W. SCOTT, Clerk,
Blyth, Ont.

Blyth, May 2nd, 1900.

TENDERS FOR

Crematory

Sealed proposals for a Refuse Crematory for the City of Winnipeg, addressed to the Chairman Market, Licence and Health Committee and marked "Tenders for Crematory," will be received at the office of the undersigned up to 8.30 p.m. on

Tuesday, May 16, 1900.

The present population of Winnipeg is 50,000. The approximate quantities of refuse to be disposed per annum are as follows:

Paper, Straw, Boxes, etc.,	Cubic yds.	3,000
Household refuse, etc.	" "	10,000
Night Soil	" "	2,000
Manure	" "	3,000
Animals	" "	100

Contractors are to guarantee their Crematory to dispose of the above quantities without creating a nuisance, and without offensive smoke. The Crematory is to be so designed that it may be added to as the requirements increase. Contractors may state price at which they will erect a crematory, complete and hand it over to the City, or price which they would charge for full working plans and all patented rights to use the Crematory.

Proposals are to be accompanied by cash, draft or accepted cheque for the sum of \$25,000, which will be forfeited in case of failure on the part of contractor to enter into a written agreement in the terms of his proposal within one (1) week from date of notice of acceptance.

Any further information may be obtained from H. N. Ruttan, City Engineer, Winnipeg.

The City reserves the right to reject any or all tenders or to accept any one which appears advantageous to the City of Winnipeg.

C. J. BROWN,
City Clerk.

City Clerks Office,
Winnipeg, Canada, April 22, 1900.

Office of S. H. TOWNSEND, Architect,
15 Gerrard Street East, Toronto.

Tenders will be received during this month for the various works required in the erection of
Six Detached Residences in Rosedale and a Factory on Bayter Street.

Contractors desiring to tender for any of the work may obtain full information at this office.

Tenders for portions of the work close MONDAY, 14TH INST. the remainder from time to time as emergency of the case and amount of work demand.

CARPENTERS ADVANCE PRICES.

The Master Carpenters of the Toronto Builders' Exchange, at a meeting held on Monday, May 7th, decided that the charge for jobbing work should be increased to 35 cents per hour, this change to take effect immediately. The above includes all work by the day and all day labor. This step was considered necessary in view of the higher scale of wages now demanded by carpenters, as well as by all classes of mechanics employed by the building trades.

CONTRACTS OPEN.

LACHUTE, QUE.—Hugh Fraser will erect a new store.

MILTON, ONT.—Site has been secured for proposed factory.

HILLSBURG, ONT.—Alex. Parry intends building a residence.

SOUTH WALLACE, ONT.—It is proposed to build a new school.

HAVELOCK, ONT.—The new town hall will be built by day labor.

ST. THOMAS, ONT.—A new Y. M. C. A. building will be built here.

SUNDRIDGE, ONT.—James Dunbar will build a new mill 24 x 72 feet.

CALGARY, N.W.T.—Senator Loughheed is building a new stone block.

NANAIMO, B.C.—A. Haslam has taken tenders on building a dwelling.

CHILLIWACK, B.C.—J. H. Bent purposes building a dwelling house.

NEWMARKET, ONT.—The C. T. R. has decided to build a new station here.

PORT HOPE, ONT.—The water works by-law was carried here on Monday last.

WATFORD, ONT.—It is said that Mr. Mills will build several cottages on Stag Island.

CHATHAM, ONT.—Plans will be prepared for new hotel to be built for D. M. Martin.

PARIS, ONT.—Council has decided to submit by-law to raise \$20,000 for granolithic walks.

ALMONTE, ONT.—Knight & Smith are talking of erecting a pulp mill at the Fourth Chute.

MARGARET, MAN.—H. McMillan is taking tenders up to 11th inst. for erection of church.

GANANOQUE, ONT.—Rev. J. R. Serson wants tenders by 21st inst. for erection of frame cottage.

KEARNEY, ONT.—Steps are being taken looking to the erection of a new Anglican church.

TRURO, N.S.—The New Glasgow Milling Co. will shortly reach a decision regarding rebuilding.

PARRSBORO, N.S.—It is again rumored that London capitalists purpose building a pulp mill here.

HESPELLER, ONT.—Plans have been prepared for the new buildings to be built by the R. Forbes Co.

SUTTON, QUE.—Clark Bros. intend erecting a factory for manufacturing butter tubs and boxes.

ST. JOHN, N. B.—The water works engineer has been instructed to prepare plans for sewer extension.

REGINA, N. W. T.—It is said that the C. P. R. will at once continue the Pipestone branch to this point.

NEWCASTLE, N. B.—It is believed that Clark, Skillings & Co., of Boston, will build a spool factory here.

KAMLOOPS, B.C.—Tenders will be invited immediately by the Kamloops Hotel Co. for proposed new hotel.

TWEED, ONT.—The foundation is being made for brick sash and door factory to be erected by R. F. Houston.

SHERBROOKE, QUE.—It has been decided to commence work at an early date to erect a new Anglican church.

HINTONBURG, ONT.—A debenture by-law for waterworks extension will shortly be submitted to the ratepayers.

GORRIE, ONT.—The township clerk will receive tenders up to 15th inst. for purchase of \$4,500 of debentures.

AMHERST, N.S.—The ratepayers voted on a by-law on Monday last to raise \$15,000 for fire apparatus. Result not learned.

AMHERSTBURG, ONT.—The corporation desires tenders by 14th inst. for laying concrete sidewalks required during the year.

HALIFAX, N. S.—It is expected that extensive improvements to the telephone system here will be made, at a cost of \$40,000.

ROSSLAND, B. C.—A by-law to raise \$25,000 by debentures for erection of fire hall and library building will shortly be voted on.

SHAWVILLE, QUE.—The Bell Telephone Co. are considering a proposal to extend their system throughout the county of Pontiac.

PRESCOTT, ONT.—Plans have been completed for the starch factory to be built here, which will be of steel, stone and brick.

MARKDALE, ONT.—William Lucas, village treasurer, invites offers up to June 1st for purchase of \$6,164.16 twenty year debentures.

HARRISTON, ONT.—The Harriston Pork Packing Co. offer for sale \$20,000 4 per cent. twenty year debentures. Tenders close May 15th.

GREENWOOD, B. C.—Contractors are now submitting tenders for construction of eight miles of electric tramway between here and Phoenix.

DRESDEN, ONT.—Tenders for building brick residence at this place are invited up to 9th inst. Plans by T. J. Rutley, architect, Chatham.

NORMAN, MAN.—Rev. F. T. Tapscott is negotiating for a site for proposed Baptist church.—J. D. Sinclair intends building a residence.

RENFREW, ONT.—Tenders for supply of 200 barrels of cement will be received by H. Moss, chairman streets committee, up to 6 p. m. of May 10th.

BEDFORD, QUE.—A new tower and belfry will likely be added to the Methodist church. The authorities of St. James' church will build a school-room.

NEW WESTMINSTER, B.C.—The Pacific Coast Lumber Co. has received a grant of land from the C. P. R. at Vancouver on which to erect a new saw mill.

PICTOU, N. S.—The town will offer for sale \$20,000 of debentures issued to provide a site for additional furnaces to be built by the Copper Crown Mining Co.

INGERSOLL, ONT.—Richard Seldon, clerk and treasurer of North Oxford, invites bids up to May 28th for purchase of \$1,500 five year 5 per cent. debentures.

VICTORIA, B. C.—It is understood that new barracks buildings will be erected at West Point this year.—Tenders have been taken for building two storey fire hall.

KIRKWALL, ONT.—William Menzies invites tenders up to May 23rd for remodelling Beverley Presbyterian church. Whole or separate tenders will be received.

PORT ARTHUR, ONT.—Incorporation has been granted to the Nipigon Pulp Co., with capital of \$250,000. W. S. Wylie, of this place, is one of the directors.

DUBLIN, ONT.—Hibbatt township council has decided to advertise for tenders for steel bridge to replace Whyte's bridge on Centre road. James Jordan is village clerk.

RAT PORTAGE, ONT.—A company is being organized to build a large hotel on corner of Fort and Matheson street.—A residence to cost \$3,500 will be built by Mrs. A. Burton.

CHATHAM, N. B.—Among the new buildings to be erected this year are the following. School building, Presbyterian church, and building for A. Snowball, the latter to cost \$10,000.

FREDERICTON, N. B.—The Provincial Government invites tenders up to 14th inst. for building masonry sub-structure and approaches to Upper Corner bridge, near Sussex, King's county.

WAUBAUSHENE, ONT.—The Spanish River Pulp and Paper Co. have been making surveys for a railway from the Soo branch of the C.P.R. to the proposed site of their works on the Spanish river.

POTAGE LA PRAIRIE, MAN.—At a special meeting of the councils of rural municipalities, a resolution was adopted favoring the construction of the proposed bridge and agreeing to pay one-third of the cost thereof.

LONDON, ONT.—The Board of Works is considering the question of laying a new pavement on Dundas street, between Wellington and Waterloo streets. A committee may be appointed to visit other cities to gather information.

STRATFORD, ONT.—R. Banks Barber, architect, has prepared plans for the McLagan factory. Building will be 30x53 ft., with tower, and engine room 60 ft. square, and will be built of St. Mary's stone for first storey and brick above.

BRANTFORD, ONT.—It is understood that a by-law will be submitted to the ratepayers to raise \$25,000 for additional flood protection works. W. T. Jennings, C. E., of Toronto, will likely be engaged to act jointly with the city engineer in the matter.

STRATHMORE, ONT.—Donald McIntosh, clerk of township of Roxborough, invites tenders up to Saturday, June 2nd, for construction of the Fraser Creek drain and the Blair-Shanks drain; estimated cost, \$5,285.31 and \$910.84 respectively.

GUELPH, ONT.—Tenders closed on Saturday last for improvements to Knox church. Plans by Langley & Langley, Toronto.—A committee has decided on a site for the Fat Stock Show, and plans for necessary buildings will be prepared at once.

SMITH'S FALLS, ONT.—The council has decided to invite tenders for about half a mile of granolithic walks, to be constructed under the supervision of Wilks Chipman, C. E.—Tenders are now being taken for construction of another section of the sewerage system.

VALLEYFIELD, QUE.—It is understood that the Montreal Cotton Co. have made a proposition to the town to erect a large addition to their cotton factory. It is also reported that A. T. Gault, of Montreal, is negotiating for the purchase of the Buntin paper mills with a view to remodeling them.

HULL, QUE.—Plans are being prepared for the rebuilding of the court house and gaol in this city. It is also said that the post-office will be rebuilt without delay.—The council have agreed to give the E. B. Eddy Co. exemption from taxation for fifteen years on condition that they rebuild fireproof structures only.

ST. CATHARINES, ONT.—It is understood that plans have been prepared for improvements to the post-office building here.—Some minor alterations will be made in the plans for the proposed drill shed, after which tenders will be invited. The building will be 105 x 212 ft., brick with stone facings, cost \$40,000.—The city has just taken tenders for a supply of No. 9 gauge galvanized wire for constructing fire alarm system.

VANCOUVER, B. C.—London and Canadian capitalists have taken up the scheme to supply this city with electric power, and it is understood that the Stave River franchise has been acquired and that the work of development will be commenced at once.—The city desires tenders by 10th inst. for construction of sewers in West End and Mount Pleasant, and up to the 17th inst. for construction of sewers in East End.

QUEBEC, QUE.—The Government will spend considerable money on harbor improvements here.—It is understood that Hon. R. R. Dobell is considering the erection of a grain elevator at this place.—The city will likely purchase an electric street sprinkler.—H. Staveley, architect, wants tenders by 11th inst., for erection of a residence on St. Louis road.—Peachy & Dusault, architects, have taken tenders for alterations and repairs to property of V. Morgan, Place d'Armes.

HAMILTON, ONT.—J. W. Jardine, county clerk, will receive tenders up to June 1st for new map for county of Wentworth.—Tenders close on June 7th for purchase of \$386,000 city debentures.—The tenders for heating apparatus for House of Refuge were considered too high, and the committee has decided not to proceed with the work.—Building permits have been granted as follows: John Stuart, brick dwelling on Elgin street, cost \$1,000; R. A. Milne, brick dwelling on Hughson street, cost \$1,500.

PARRY SOUND, ONT.—John McClelland invites bids up to May 15th for erection of Presbyterian church, brick, 56 x 60 ft. Plans by Henry Simpson, architect, Toronto.—Mr. Christeson has purchased a site on which he will build a residence.—W. B. W. Armstrong has had plans prepared for residence to be built this season.—Milton Pearce intends building a residence.—The school board has appointed a committee to obtain plans for proposed four-roomed school building.—Plans have been prepared by Henry Simpson, architect, of Toronto, for new office building for the North Star, to be 22 x 52 ft., two stories and basement.

BRANDON, MAN.—As the C. P. R. has no power to build a spur line of railway to the exhibition grounds, it is said that the Agricultural Society will apply for a charter for the purpose.—The governors of Brandon hospital have accepted the plans submitted by W. H. Shillinglaw, architect, for proposed new hospital buildings, and work will be proceeded with at once. The building will be heated by steam and contain modern ventilating apparatus; estimated cost, \$6,000.—The managers of the Presbyterian church have finally accepted the plans of W. H. Shillinglaw, architect, for a new church.

WINNIPEG, MAN.—A committee of the council has been appointed to secure a site for a public bathing house.—The Ogilvie Milling Co. will build twelve new elevators in the province this year.—The erection of four new suburban fire and police stations has been recommended.—Hugh McGowan, architect, asks bids until Tuesday next for erection of house on Carleton street for Robert Strang.—C. H. Wheeler, architect, is this week taking tenders on alterations and additions to residence on Smith street.—The Winnipeg Rubber Co. will shortly commence the erection of a four-storey building, corner McDermott avenue and King street, 50 x 120 feet, cost \$50,000.

The front will be of pressed brick and the finishings of red sandstone.—Mr. Blackwood will shortly commence his proposed new brewery.—It is probable that a three-storey business block will be erected this summer by eastern capitalists at corner of Main and Graham streets.—T. T. Smith contemplates erecting a terrace on the south-east corner of Portage avenue and Vaughan street.—A number of Hebrew merchants have purchased sites and will proceed at once with the erection of modern blocks.—Ed. McKenty has purchased the corner of Isabel and Alexander streets, on which there are several buildings. It is understood to be his intention to make considerable improvements to the property.

OTTAWA, ONT.—The commandant of the Royal Military College has asked for a new wing to the barracks.—The board of health have decided on Porter's Island as a site for a new contagious diseases hospital, to cost \$25,000.—It is expected that the C. P. R. will build a fine station to replace the one burned last week.—G. M. Bayley, architect, has taken tenders on double residence on Lewis street.—It is the intention of the Ottawa Electric Co. to rebuild their power houses and equip them with modern plants.—The Dominion Carbide Co. have decided to rebuild their carbide factory on a much larger scale.—A committee of the Main Drainage Committee will recommend the extension of the main drainage system to Janeville, at a cost of \$15,000.—The city will issue debentures for \$100,000 to assist the sufferers from the recent fire.—Building permits have been granted as follows: T. L. Gagnon, brick veneered dwellings and shops, east side Rochester street, cost \$1,500; Robert Carpenter, brick store and dwelling, Albert street, cost \$1,000.—It has been decided to rebuild Erskine Presbyterian church.—It is expected that on the site of the burned Howe block on Rideau street there will be erected a modern hotel, as negotiations to that end are now progressing.

MONTREAL, QUE.—The road committee has left over till May 15th the awarding of contract for supply of cement.—The Harbor Commissioners invite tenders up to the 11th inst. for supply of cut stone, broken stone, Portland cement and sand. Specifications from John Kennedy, chief engineer.—It is expected that work will shortly be commenced on the new church to be built by a portion of the congregation of the Melville church, Westmount.—The Road Committee purposes expending the sum of \$168,670 for the following purposes: Wooden sidewalk \$30,000; new flume, Shearer street, \$3,000; connecting sewers for sewage

farm in St. Denis Ward, \$7,271; sewer in St. James street, from western limit to Victoria Square, \$35,000; small sewers in city, \$5,000; paving Craig street from Heury to Alexander, \$5,799; paving St. Catharine street from one end to the other, \$19,000; paving Craig street from Delormier to Lacroix, \$9,000; paving St. Denis street from Dubord to Ontario, \$5,000; paving Ontario street, \$1,000; paving Notre Dame street from Berri to McGill, \$11,000; paving Dorchester street in front of General Hospital, \$800; paving William street from Nazareth to Dalhousie, \$1,000; paving Moreau street, \$1,000; paving Windsor from St. James to St. Antoine, \$1,000; paving St. Gabriel street from Notre Dame to St. Paul, \$500; paving St. Frs. Xavier street from Notre Dame to Commissioners, \$5,000; paving Bonsecours street from Champ de Mars to Craig, \$5,000; paving St. Peter from Craig to Fortification lane, \$3,000; paving St. Etienne street, \$2,000; paving St. Lawrence from Craig to St. Catharine, \$5,000; paving approach to Wellington street tunnel, \$2,000; firmite sidewalks, \$7,000; permanent sidewalks, \$10,000; asphaltting plant, \$5,000; total, \$168,670.—The following building permits have been granted: Dwelling 313 Stanley street, for C. A. Barnard, cost \$9,000, MacVicar & Heriot, architects; building at No. 1209 St. Andre street, for Jos. Farrens, cost \$1,000—Saxe & Archibald, architects, have been commissioned to prepare plans for proposed baths on Wellington street, St. Ann's ward, cost \$5,000.

TORONTO, ONT.—Mr. Heakes, Ontario Government architect, has left for a trip throughout the Eastern States to gather information which will assist him in preparing plans for the proposed new infirmary at the London Asylum.—Fourteen sites for a technical school have been offered to the city. It is understood that the assessment commissioner will recom-



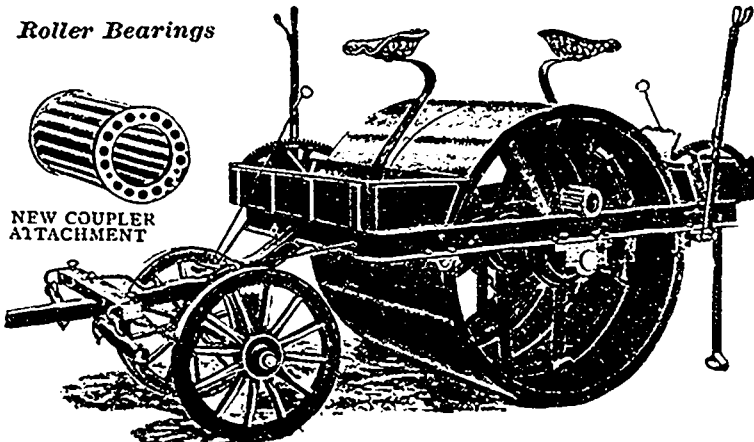
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mend the purchase of the Toronto Athletic Club site.—S. H. Townsend, architect, invites tenders in this issue for erection of six detached residences in Rosedale and a factory on Hayter street.—Plans of new Presbyterian church to be built at Parry Sound are on view at office of Henry Simpson, architect.—A by-law to raise \$35,000 for new schools was passed by the Separate School Board last week.—H. G. Macklin is this week taking tenders on two residences to be built in Rosedale.—The Canadian Express Co. will erect a building for express freight at the Union Station, cost \$16,000.—The council have decided to send the city engineer and Dr. Sheard to England and the Continent to gather information on the subject of sewerage disposal, with a view to the adoption in this city of the most efficient system.—The Board of Control has sent on to council the estimates for permanent school accommodation.—The city engineer has recommended the construction of the following works: Atkins avenue, brick pavement, cost \$1,160; Church street, west side, concrete walk from Queen to Shuter, cost \$1,930; College street, south side, cement concrete walk, from Terauley street 35 feet west, cost \$153; Elgin avenue, north side, cement concrete walk, from Avenue road to Bedford road, cost \$700; Euclid avenue, both sides, cement concrete walk, from College to Ulster, cost \$2,423; Huntley street, east side, cement concrete walk, from Selby to Bloor streets, cost \$337; Logan avenue, cedar block pavement, from Queen to First avenue, cost \$2,390; Palmerston avenue, cedar block pavement, from Robinson to Arthur street, cost \$3,080; Spadina avenue, asphalt pavement, from Queen street to Knox College crescent.—Building permits have been granted as follows: Ryrice Bros., alterations to store front on Yonge street, cost \$6,000; C. T. Wagner, two brick dwellings and brick foundation under three others, 59-65 Lewis street, cost \$2,000; E. H. Bickford, pair brick residences on Arthur street near Grace, cost \$3,200; W. G. Kent, brick dwelling on Madison avenue, near Dupont street, cost \$4,500; Mrs. Herbert, residence at South Drive and Dunbar road, Rosedale, cost \$4,500; Thomas Cummings, pair brick dwellings corner Davenport road and Davenport place, cost \$2,500; W. H. Petry, two brick dwellings, 35 and 37 Wellesley street, cost \$6,000.—Henry Simpson, architect, has prepared plans for an office building for the North Star newspaper of Parry Sound.—The council has given notice of its intention to construct the following works: Asphalt pavement on Palmerston avenue, from Arthur to College, cost \$11,824, and on Augusta avenue, from Nassau to College, cost \$6,440; sewer on Davenport road, from Dupont street to Bedford road, cost \$1,680.—A petition has been presented to the city clerk against a macadam roadway on North street, from St. Mary's to Bloor.—J. F. Brown, architect, Board of Trade Building, has prepared plans for alterations to house on Jarvis street for William Cook, alterations to residence in Bowmanville for Mr. Jury, and alterations to residence on Huntley street for T. Dunnett.

FIRES.

Residence of George Oakley on Balsam avenue, East Toronto; loss \$3,500.—Duncan & Co.'s flour and feed store, King's harness shop and Heloff & Virden's butcher shop at Rat Portage, Ont., totally destroyed.—Creamery at St. John's, Que., owned by Guertin & Roy; loss \$5,000, insurance \$1,500.—Saw and tie mill of McCormack & McLeod, five miles north of Haliburton, Ont.—Factory building at Quebec, Que., owned by W. Blaise, tanner, loss, \$2,000.—Buildings at Oshawa, Ont., occupied by Mayor Fowke, grocery store, Ellis & Co., dry

goods, H. King, boots and shoes, and D. M. Todd, baker and confectioner.—A large portion of the town of Sandon, B.C., was destroyed by fire last week.—The pulp and wood preparing mills of the Laurentide Pulp Co., at Grand Mere, Que., were totally destroyed by fire a few days ago, at a loss of \$80,000.—Residence of J. A. Archambault, on Montreal street, Sherbrooke, Que., totally destroyed, loss \$4,000.

CONTRACTS AWARDED.

EGANVILLE, ONT.—Dwelling for Daniel Lacey: B. Clement, contractor.

DURHAM, ONT.—Residence for Archie Little. Hugh McDonald, contractor.

ALMONTE, ONT.—Addition to St. Mark's church: Mr. Chisholm, of Alexandria, contractor.

BENNINGTON, ONT.—Residence for William Macleod: Mr. Pullyplank, of St. Mary's, contractor.

TECUMSEH, ONT.—New convent: Blonde Bros. & Co., of Chatham, contractors, cost \$6,000.

TRURO, N. S.—Building for Truro Knitting Mills Co.: Plumbing, F. Dexter & Co.; roofing, C. F. Fox & Co.

PORT ARTHUR, ONT.—Dan. McGillivray has been awarded the contract for building ore dock at Michipicoton for the Algoma Central Railway. The work will cost \$200,000.

PORT COLBORNE, ONT.—M. O. Hogan and A. R. Macdonald, of Montreal, are said to have secured contracts from Dominion Government for deepening and improving the harbor here.

MAGOG, QUE.—Roman Catholic church: Heroux Bros., of Three Rivers, successful tenderer, price \$12,800. It is intended to install a \$3,000 pipe organ and wire the building for electric light.

TORONTO, ONT.—The following tenders have been recommended by the Board of Control for acceptance: Dominion Paving Company, for cedar block pavements on Argyle street, Dundas to Shaw, \$1,100; Dovercourt road, Dundas street to Churchill avenue, \$1,150; Trinity street, King to Mill, \$2,118; Borden street, Ulster to Bloor, \$3,150; and macadam roadway on Grange road,

Beverley to McCaul, \$935. John McBean, brick pavement on Lombard street, Victoria to Church, \$4,640. The City Engineer, for asphalt pavements on Boswell avenue, Avenue to Bedford, \$3,763; Glen road, Howard to the bridge, \$2,705; Brunswick avenue, Bloor to Wells, \$14,045. Construction & Paving Co. for tar macadam road on Woolseley street, Bathurst to Esther, at \$4,649. Tenders for preserving lumber and Portland cement were referred to the City Engineer.

MONTREAL, QUE.—Roman Catholic church in St. Denis ward for parish of St. Denis. Architect, J. Venne; stone, Martineau and Prenoveau; woodwork, Chapleau and Lebeuf; steel, Dominion Bridge Company; brick, J. Pepin; plastering, Jos. Chamberland; painting, S. Parizeau; roofing and plumbing, Napoleon Turcot; heating, Emery Lesperance. Building will be 161 x 144 feet, stone, cost \$100,000.—House, stables, coach house and boat house for A. F. Gault: Loomis & Son, Sherbrooke, contractors.—Stable on McGregor street for Gault & McArthur: Stone work, William Oman; brickwork, Amos Cowan; carpenter work, Simpson & Peel.—Alterations to warehouse, corner Peel and Recollet streets, for Finley Smith & Co.: Carpenter work, Geo. Roberts; masonry, W. Oman; brickwork, Amos Cowan.—Additions and alterations to building, 773 Craig street, for A. F. Gault: D. M. Long, contractor.

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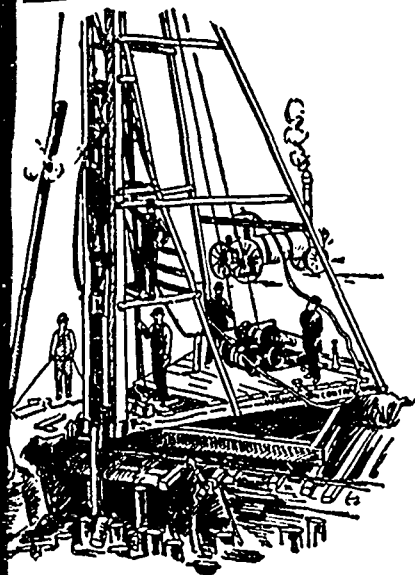
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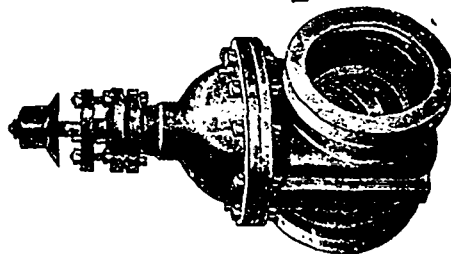
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MUNICIPAL DEPARTMENT

SUMMARY OF POSSIBLE GOVERNMENT MEASURES.

By A. W. CAMPBELL, C.E.

STATUTE LABOR.

1. In the earlier history of the country the statute labor system was undoubtedly the best that could be adopted for pioneer work. Under this system excellent work was performed, and results were produced which could not have been achieved by any other means. Unfortunately for the taxpayer and the roads, this method was, not altered in keeping with changed conditions, but is still retained in its original form and is asked to perform work of which it is incapable. For its past usefulness it still has much sympathy among the farming community, though the leading men generally condemn it. The good roads agitation, by pointing out the injustice, waste, and inferior results, and by removing many false impressions as to the consequences of abolishing statute labor, has induced about thirty townships, under the power now vested in them, to make the change, and others are preparing to follow their example. So that although the time may not have arrived for action by the Legislature, making a general change, it would be along the lines of progressive thought to shape legislation to this end. The shaping and introducing of legislation with the consequent discussion would greatly inspire the movement, and would prepare the public mind for the change.

PROVINCIAL AID.

2. Were it possible for the Government to appropriate money for first construction and thereafter make an annual grant to assist in the maintenance of the county roads on the basis previously outlined, it would at once encourage the county councils to assume control of the main roads of each county, and thereby materially assist in bringing about a proper system of road administration.

WIDE TIRES.

3. At the municipal convention held in Toronto on Dec. 12th and 13th, of last year, there was an unanimous expression in favor of legislation regulating the width of tires on wagons and carts used for heavy teaming. The necessity of such measures is very great, and seems to be generally understood. The merits of such a law are evidenced by the fact that all the European countries where good roads exist regulate the width of tires; and in the United States wide tires are being gradually required by statute. The Municipal Act now authorizes towns and cities to pass by-laws, but the machinery for enforcing these by-laws is insufficient.

The opposition offered to such legislation is that tires now used are very narrow and the owners object to the expense of making the change. Legislation

to this effect, which would come into force about five years hence, giving the people opportunity to prepare for the change (which would be made largely in the purchase of new vehicles), would be the fairest and most acceptable means, if general legislation is resorted to. But should the county councils take charge of the leading roads, and money assistance be granted by the Legislature, the least objectionable way would be to authorize county councils to pass by-laws regulating tire widths according to a schedule laid down by the Legislature.

TOWNSHIP CONSENT.

4. As the Municipal Act now stands, the assent of the township council is necessary before the county council can take over any road within the township. If county control of leading roads is advisable, such consent should not be required, as, for local reasons, it materially affects the planning of a proper system of county roads.

RAILWAY ARRANGEMENTS.

5. Railway companies appear to recognize the advantages which will accrue to

them from better roads. The leading railways in the United States have signified their willingness to grant concessions by way of reduced rates to municipalities on material shipped into the municipality for road making, many of the companies suggesting half rates, and some even better. A great favor would be conferred on many town and township municipalities in this province were the Government, by their influence, able to secure favorable arrangements with the railways of the province for the carriage of gravel and stone.

MONEY AT LOW RATES OF INTEREST.

6. In the case of counties where a large sum of money is needed at once to purchase toll roads or to re-construct roads with a view to establishing a county road system, or in the case of townships, towns and villages requiring to raise money for road or street improvement, it would be of benefit if the Government could lend to such municipalities the required amount at the lowest possible rate of interest, with repayment extended over a term of years.

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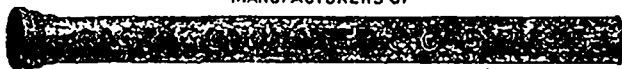
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| <b>Bricks.</b><br>Beamsville Brick & Terra Cotta Co. .... iv<br>Toronto Pressed Brick & Terra Cotta Co. .... iv                                                                                                                                | <b>Grilles and Railings.</b><br>Dennis Wire & Iron Co. vi<br>Toronto Fence & Ornamental Iron Works. vi<br>Southampton Mfg. Co II                                                                                                                                                               | <b>Paints &amp; Varnishes</b><br>Muirhead, Andrew... i                                                                          | <b>Wire Lathing</b><br>The B. Greening Wire Company.....                                                                                                                                                                                        |
| <b>Conductors.</b><br>Wire & Cable Co. .... vi                                                                                                                                                                                                 | <b>Granite</b><br>Brunet, Jos. .... xii<br>Brodie, James. .... xii<br>Stanstead Granite Quarries Co. .... xii                                                                                                                                                                                  | <b>Parquetry Floors</b><br>Elliott & Son Company vi                                                                             |                                                                                                                                                                                                                                                 |
| <b>Contractors' Plant and Machinery</b><br>Rice Lewis & Son... IV                                                                                                                                                                              | <b>Heating.</b><br>Boston Blower Co. .... xi<br>Clare Bros. & Co. .... iv<br>Dominion Radiator Mfg. Co. .... I<br>Gurney, Tilden Co. .... ii<br>Gurney Foundry Co. v<br>Leonard & Sons, E. .... xiii<br>McClary Mfg. Co. .... xiii<br>Ormsby & Co., A. B. .... i<br>Smart Mfg Co, Jas. .... xi | <b>Plate Glass</b><br>The Consolidated Plate Glass Co. .... III<br>Toronto Plate Glass Co. .... vi                              |                                                                                                                                                                                                                                                 |

## ARTIFICIAL STONE PAVEMENTS

SIDEWALKS A SPECIALTY

CORPORATIONS Will do well to consider our work and prices before letting contracts

The Silica Baritic Stone Company of Ontario, Limited.

WALTER MILLS, General Manager. Head office: INGERSOLL, ONT.

### Prices of Building Materials.

|                                                                                                                                                                                                                                                            |                 |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|
| <b>PRESSED BRICK, Per M.</b>                                                                                                                                                                                                                               |                 |                  |
| TORONTO                                                                                                                                                                                                                                                    | MILTON, ONT.    | MONTEAL.         |
| Red No. 1.....                                                                                                                                                                                                                                             | \$12 50         | \$18 00          |
| " 2.....                                                                                                                                                                                                                                                   | 11 00           | 16 50            |
| " 3.....                                                                                                                                                                                                                                                   | 8 00            | 3 50             |
| Buff No. 1.....                                                                                                                                                                                                                                            | 14 50           | 20 00            |
| " 2.....                                                                                                                                                                                                                                                   | 13 00           | 18 50            |
| Brown.....                                                                                                                                                                                                                                                 | 20 00           | 25 50            |
| Roman Red.....                                                                                                                                                                                                                                             | 21 00           | 50 50            |
| " Buff.....                                                                                                                                                                                                                                                | 22 00           | 33 50            |
| " Brown.....                                                                                                                                                                                                                                               | 35 00           | 49 50            |
| Hard Building.....                                                                                                                                                                                                                                         | 6 00            | 11 50            |
| " Sewer.....                                                                                                                                                                                                                                               | 6 00            | 11 50            |
| Roofing Tiles, \$20 00 per 1,000, \$23.00 Montreal.                                                                                                                                                                                                        |                 |                  |
| <b>COMMON BRICK, Per M.</b>                                                                                                                                                                                                                                |                 |                  |
|                                                                                                                                                                                                                                                            | F.O.B. Toronto. | F.O.B. Montreal. |
| Common Walling.....                                                                                                                                                                                                                                        | 7 00 8 00       | 7 50 8 00        |
| Good Facing.....                                                                                                                                                                                                                                           | 8 00 9 00       | 8 50             |
| Sewer.....                                                                                                                                                                                                                                                 | 8 00 9 00       | 8 50 0 00        |
| <b>STONE.</b>                                                                                                                                                                                                                                              |                 |                  |
| Common Rubble, per ton, delivered.....                                                                                                                                                                                                                     | 10 00           | 11 00            |
| Large flat Rubble, per ton, delivered.....                                                                                                                                                                                                                 | 14 00           | 18 00            |
| Foundation Blocks, per c. ft. Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 0 in., per ft. Amherst Red Sandstone, Amherst, N.S., per cub. ft. Kent Free stone Quarries, Moncton, N.B., per cu. ft. River John, N. S., brown Freestone, per cu. ft..... | 30              | 50               |
| Port Philip, N. S. Brown Sandstone.....                                                                                                                                                                                                                    | 1 00            | 75               |
|                                                                                                                                                                                                                                                            | 95              | 95               |

|                                                                                  |              |           |
|----------------------------------------------------------------------------------|--------------|-----------|
| "Scoria" Paving Blocks, 8"x3 1/2"x5".....                                        | 55           |           |
| "Scoria" Paving Blocks, 8"x3 1/2"x4".....                                        | 45 00        |           |
| Masilloa.....                                                                    | 50 00        |           |
| Quebec and Vermont rough granite for building purposes, per c. ft. f.o.b. quarry | 40           | 1 00      |
| For ornamental work, cu. ft.                                                     | 40           |           |
| Granite paving blocks, 8 in. t. 12 in. x6 in. x 1/2 in. per M.                   |              | 50 00     |
| Granite curbing stone, 0 in. x 20 in. per lineal foot.....                       |              | 70        |
| <b>CREDIT VALLEY STONE.</b>                                                      |              |           |
| Rubble, per car of 15 tons. -- Brown Coarsing, up to 10 in., per sup. yard.....  |              | 7 00      |
| Brown Dimension, per cub. ft.                                                    | 1 50 to 1 75 |           |
| Grey Coarsing, per sup. yard                                                     | 60           |           |
| Grey Dimension per cub. ft.                                                      | 1 00         |           |
|                                                                                  | 45           |           |
| <b>LONGFORD STONE.</b>                                                           |              |           |
| Rubble, per 30 M. car.....                                                       |              | 5 00      |
| Ashlar, per cub. yd.....                                                         |              | 2 00      |
| Dimension, per cub. ft.....                                                      |              | 18        |
| <b>LATE.</b>                                                                     |              |           |
| Roofing (3 square). Toronto. Montreal.                                           |              |           |
| " red.....                                                                       | 17 50        | 20 00     |
| " purple.....                                                                    | 8 5          | 10 00     |
| " adding green                                                                   | 8 50         | 7 00 8 00 |
| " olack.....                                                                     | 7 50         | 6 50      |
| Terra Cotta Tile per sq.....                                                     | 20 00        | 25 00     |
| Ornamental Black Slate Roofing                                                   | 3 80         | 6 80      |
| <b>CEMENT, LIME, etc.</b>                                                        |              |           |
| Portland Cement.....                                                             |              |           |
| German per 100 lbs.....                                                          | 2 90         | 3 10      |
| London.....                                                                      | 2 95         | 3 00      |
| Newas le.....                                                                    | 2 70         | 3 00      |
| " Josten" Brand Portland.....                                                    | 3 95         | 3 90      |
| " Dyckerhoff.....                                                                | 3 05         | 3 25      |
| North's "Concor.....                                                             | 2 95         | 3 10      |
| English, artificial, per bbl.....                                                | 2 85         | 3 0       |
| Belgian, natural, per bbl.....                                                   | 2 10         | 2 75      |
| Canadian, artificial, ".....                                                     | 2 85         | 3 00      |
| Roman.....                                                                       | 2 20         | 2 25      |
| Parian.....                                                                      | 5 25         | 5 25      |
| Keene Superfine "Whites".....                                                    | 11 00        | 12 00     |
| Keene's Coarse "Whites".....                                                     | 8 00         | 8 50      |
| " Kaistadt" (German).....                                                        | 3 05         | 3 25      |
| " Germania" (German).....                                                        | 3 95         | 3 25      |
| " Rooster" (Belgian).....                                                        | 2 15         | 2 20      |
| " Keystone" (Belgian).....                                                       | 2 05         | 2 20      |
| " Anvil" (Belgian).....                                                          | 1 95         | 2 05      |
| " Burham" (English).....                                                         | 2 95         | 3 00      |
| Hydraulic Cements.....                                                           |              |           |
| Thorold, per bbl.....                                                            | 1 50         | 1 65      |
| Queanston, ".....                                                                | 1 50         | 1 50      |
| Napanee, ".....                                                                  | 1 50         | 1 50      |
| Hull, ".....                                                                     | 1 50         | 1 50      |
| Ontario, ".....                                                                  | 1 25         |           |

|                                                                                    |         |       |       |             |
|------------------------------------------------------------------------------------|---------|-------|-------|-------------|
| Fire Bricks, Newcastle, per M                                                      | 50 00   | 35 00 | 26 00 | 21 00       |
| " " Scotch                                                                         | 30 00   | 35 00 | 19 00 | 21 00       |
| Lime, 100 lbs., Grey.....                                                          |         | 35    |       |             |
| " " White.....                                                                     |         | 20    |       |             |
| Plaster, Calcined, N. B.....                                                       |         | 2 00  |       | 1 5         |
| " " N. S.....                                                                      |         | 2 00  |       | 1 5         |
| Hair, Plasterers', per bag.....                                                    | 80      | 1 00  |       | 00          |
| <b>HARDWARE.</b>                                                                   |         |       |       |             |
| The following are the quotations to builders for material at Toronto and Montreal: |         |       |       |             |
| Cut nails, 5d & 6d, per keg                                                        | 2 85    |       |       | 2 5         |
| Steel " " " "                                                                      | 2 95    |       |       | 2 5         |
| <b>CUT NAILS, FENCE AND CUT SPIKES.</b>                                            |         |       |       |             |
| 40d, hot cut, per 100 lbs.....                                                     | 2 85    |       |       | 2 5         |
| 10 to 12d, hot cut.....                                                            | 2 95    |       |       | 2 5         |
| 8d, 9d, " " " "                                                                    | 3 00    |       |       | 2 5         |
| 6d, 7d, " " " "                                                                    | 3 15    |       |       | 2 5         |
| 4d to 5d, " " " "                                                                  | 3 25    |       |       | 2 5         |
| 3d, " " " "                                                                        | 3 50    |       |       | 2 5         |
| 2d, " " " "                                                                        | 3 85    |       |       | 2 5         |
| Cut spikes, 10 cents per keg advance.                                              |         |       |       |             |
| Steel Nails, 1cc, per keg extra.                                                   |         |       |       |             |
| Wire nails, 3.50 base price.                                                       |         |       |       |             |
| <b>Iron Pipe:</b>                                                                  |         |       |       |             |
| Iron pipe, 1/2 inch, per foot.....                                                 | 6c.     |       |       | 6c.         |
| " " 3/4 " " " "                                                                    | 7       |       |       | 7 1/2       |
| " " 1 " " " "                                                                      | 8 1/2   |       |       | 8 1/2       |
| " " 1 1/4 " " " "                                                                  | 12      |       |       | 12 1/2      |
| " " 1 1/2 " " " "                                                                  | 17      |       |       | 17 1/2      |
| " " 2 " " " "                                                                      | 24      |       |       | 24 1/2      |
| " " 2 1/2 " " " "                                                                  | 30      |       |       | 30 1/2      |
| " " 3 " " " "                                                                      | 43      |       |       | 43 1/2      |
| <b>Lead Pipe:</b>                                                                  |         |       |       |             |
| Lead pipe, per lb.....                                                             | 7c.     |       |       | 25 cent.    |
| Waste pipe, per lb.....                                                            | 7 1/2   |       |       | 7 1/2 cent. |
| <b>Galvanized Iron:</b>                                                            |         |       |       |             |
| Aum's—Mar's Best and Queen's Head and Opolla:                                      |         |       |       |             |
| 16 to 24 gauge, per lb.....                                                        | 4 1/2c. |       |       | 4 1/2c.     |
| 26 gauge, " " " "                                                                  | 5       |       |       | 5 1/2       |
| 28 " " " "                                                                         | 5       |       |       | 5 1/2       |
| Gordon Crown—                                                                      |         |       |       |             |
| 16 to 24 gauge, per lb.....                                                        | 4 1/2   |       |       | 4 1/2       |
| 26 gauge, " " " "                                                                  | 4 1/2   |       |       | 4 1/2       |
| 28 " " " "                                                                         | 4 1/2   |       |       | 4 1/2       |
| Note.—Cheaper grades about 1/4c. per lb. less.                                     |         |       |       |             |
| <b>Structural Iron:</b>                                                            |         |       |       |             |
| Steel Beams, per 100 lbs.....                                                      | 2 75    |       |       | 2 75        |
| " channels, ".....                                                                 | 2 85    |       |       | 2 85        |
| " angles, ".....                                                                   | 2 50    |       |       | 2 50        |
| " tees, ".....                                                                     | 2 80    |       |       | 2 80        |
| " plates, ".....                                                                   | 2 55    |       |       | 2 55        |
| Sheared steel bridge plate.....                                                    |         |       |       |             |