

*Some  
Information  
about*  
**Bridges  
and  
Structural  
Steel**

THE HAMILTON  
BRIDGE WORKS  
COMPANY, Limited  
HAMILTON, CAN.

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Long Distance Tele-  
phone 630 



BARRETT  
(1870-1940)



National Archives  
of Canada

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MS 30 83, Vol 3 Cat 2

PLACE YOUR  
CONTRACTS

FOR

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**BRIDGES**

AND

**STRUCTURAL**

**STEEL**

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AS EARLY IN THE  
YEAR AS POSSI-  
BLE, so that you  
may secure the low-  
est possible prices

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# Bridges

## WHEN TO BUY THEM

Bridges should be contracted for as early in the year as possible, and there are various reasons for this. By doing so closer prices can be obtained and arrangements can be made to have the bridges erected during the favorable summer months. Bridges can be erected much cheaper in the summer when labor is plentiful and the roads good.

We manufacture all classes of bridges, from the heaviest railway structure to the smallest highway spans.

## **Steel Joists and Metal Railings**

are now used almost exclusively, and we strongly recommend their use in place of perishable *timber joists and wooden guards*.

We have a catalogue illustrating Highway Bridges and giving a lot of useful information relating to same and including price list of various lengths and widths of spans. If you want one, send your address to us and we will be pleased to mail you one.

1917-1918

# Structural Steel

The year 1901 has been a record-breaker with us in this line, and we have turned out an enormous tonnage of this class of work.

We carry in stock from 2,000 to 2,500 tons of steel angles, beams, channels, zees, plates and other structural shapes, and are in a position to guarantee Architects, Contractors and others close prices and early delivery.

We will be glad to receive your enquiries and promise same our prompt attention.

We have special machinery (which we can operate day or night by electricity) for cutting up this stock, and we can usually fill an order for a carload inside of 48 hours.

# Architects *and* Contractors

We will be pleased to figure on any work in the building line, such as steel framing, roof trusses, columns, girders, beams, etc., and our large stock enables us to guarantee early delivery and to quote close prices.

We are always willing to submit plans for anything in these lines that may be required.

Our stock list, which is issued weekly, is now being widely distributed. If you do not receive it now, and would like to have it, advise us to that effect and we will put you on the mailing list.

We are preparing a table of *strength and sizes of steel beams* and the carrying capacity of steel columns, and hope to have it ready early in the new year. If you desire a copy, write for one.



# Engineers

**FOR  
PUBLIC WORKS  
CORPORATIONS  
MUNICIPALITIES**

We will be pleased to hear from you regarding any work you may have in our line. We are prepared to work up plans and specifications for any structure from your rough ideas. We have a large engineering staff who are experts in such details as these, and we cheerfully invite you to make use of us (in a legitimate manner) to work out ideas you may not have time to develop for yourselves. We will give you prompt and careful attention.

We will be glad to furnish you with copies of our catalogues, tables of sizes and strength of beams, and tables of carrying capacity of steel columns.

# Corrugated Iron

## **ROOFING, SIDING, Etc.**

When figuring on steel framing, or steel roofs for buildings, we are in a position to quote close prices for galvanized or painted corrugated iron roofing and siding; also, louvre slats, ridge rolls, valleys, gutters, down pipes, cornices, smoke-stack hoods, etc., and we can guarantee the material and workmanship as being the very best.

In what are known as entirely "steel buildings" a small amount of carpenter work may be required, such as ventilator windows and doors and windows in the sides, and in such cases we are prepared to submit prices for this also.

# Cast Iron

For certain work cast iron columns are considered necessary, and our arrangements are such that we can submit the closest figures for material of this kind.

Steel columns, however, are more reliable than cast iron, and we strongly recommend their use wherever possible. The care with which steel is now manufactured and the rigid system of inspection makes it next to impossible for a serious defect to go undiscovered. With cast iron it is different, and as a matter of fact each column should be drilled in order to ascertain that the proper thickness of metal called for is provided, and that same is properly distributed.

# Marine Work

**Steel Passenger Steamers**

**Steel Propellers**

**Barges**

**Tugs**

**Dredge Hulls and Frames**

In the past we have executed some very large contracts in this line of work, and having a convenient shipyard, we are prepared to submit figures and prepare designs for steel or composite vessels of any type or size.

We will figure on designs and specifications furnished by owners, or will prepare same ourselves, and will build and design to meet any classification.

# Hardware Merchants

Every town, large or small, has progressive merchants who keep up with the times and change their store fronts, and all such cases require beams for the support of the wall over the entrance and windows. In many instances these are put in of wood, simply because it is not known that steel beams can be procured at such a small cost. You should look after this business, and we will help you, by quoting you low prices and by telling you what size beams are necessary. All the information you require to send us is the clear width of opening and load to be carried.

During the past year we sold over \$10,000.00 worth of this class of material, and principally in small lots from \$25.00 and upwards.

Many brewers, merchants and others are putting up "cold storage" warehouses, and this class of building offers special advantages for steel columns and beams.

There is good money in this for you and it will pay you well to look after it.

We hope to have your enquiries.

# General

We have large and well equipped shops, first-class railway and siding accommodation, a large stock of material, and we feel that we can give the best of satisfaction to parties who place their orders with us. Our capacity is 1,500,000 pounds per month.

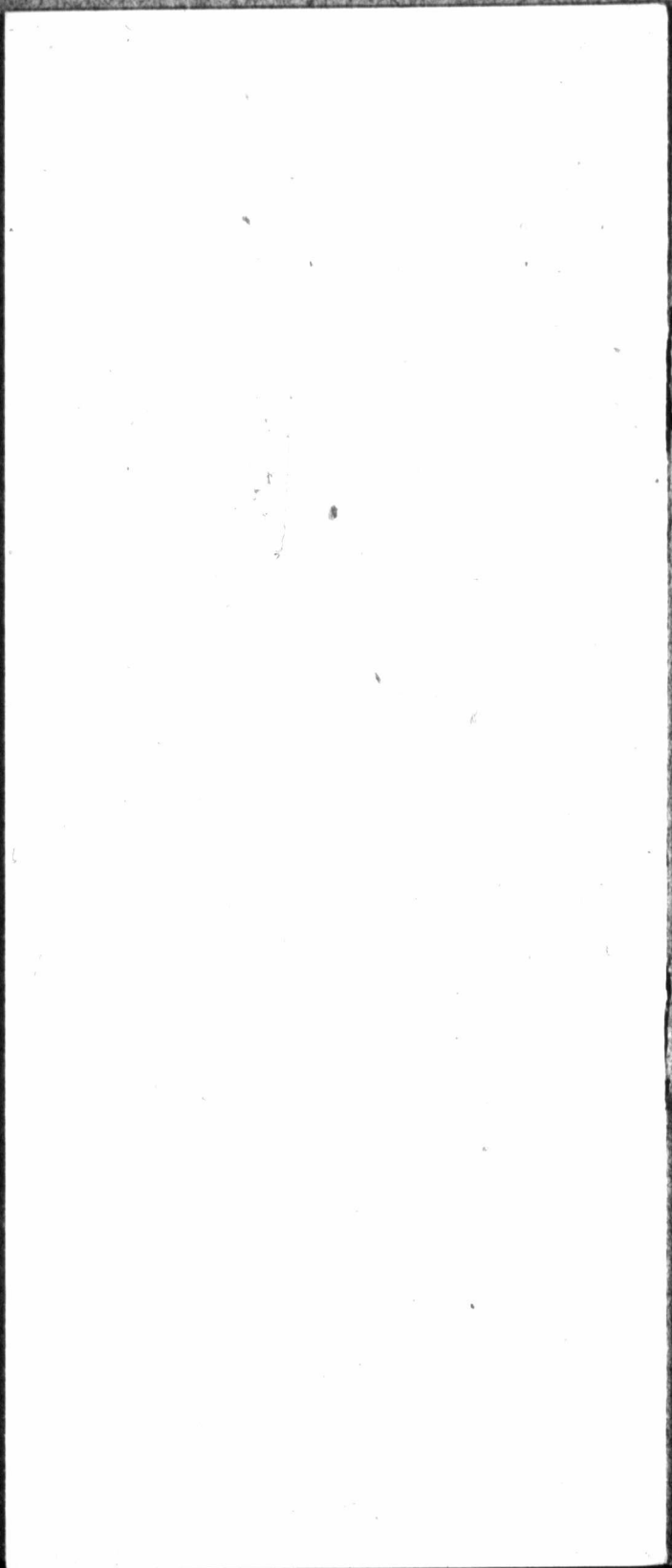
## During the Past Year

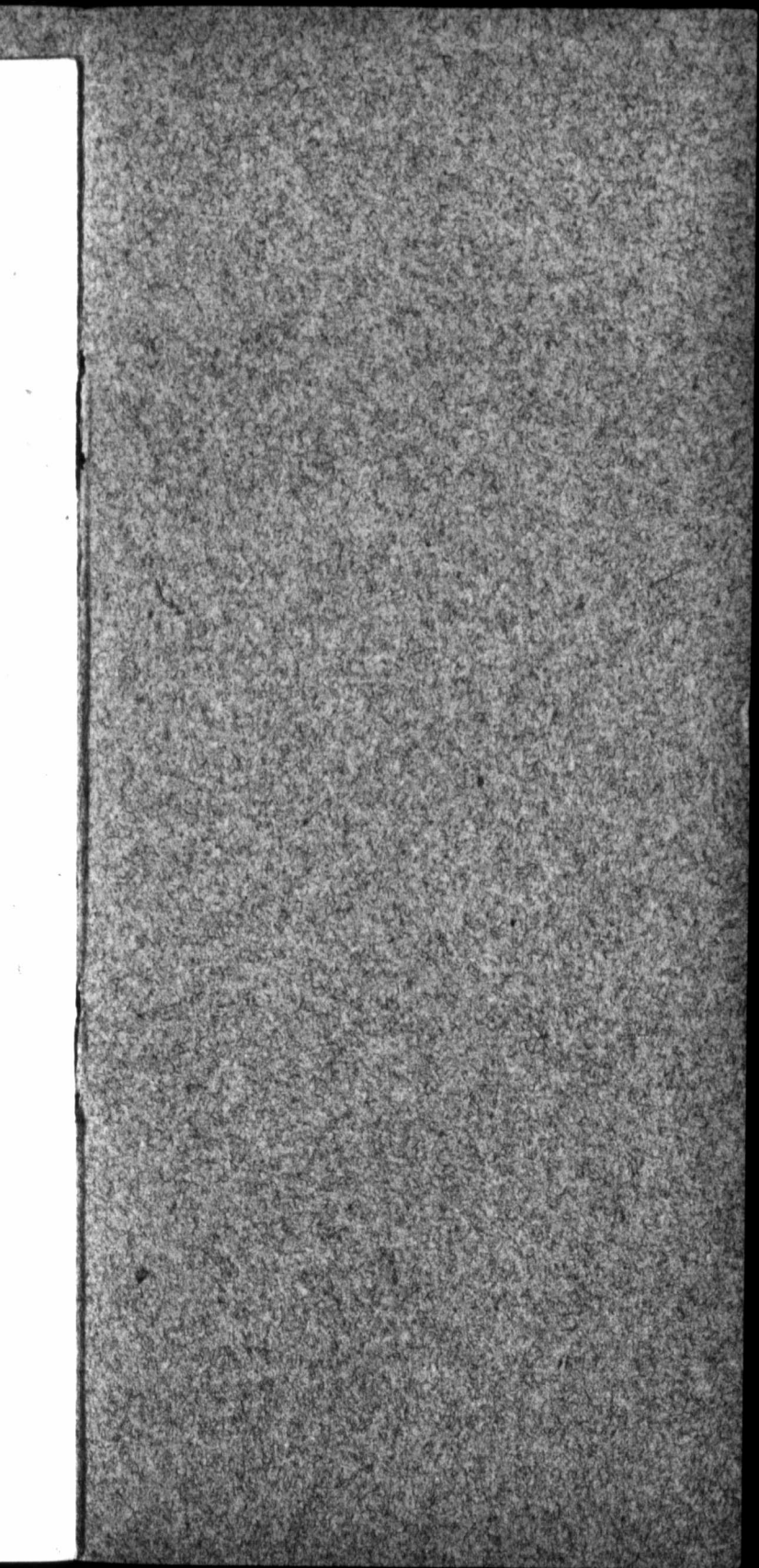
**we have built, among  
other works:**

- 38 railway spans.
- 84 highway spans.
- 5 foot bridges.
- 5 railway turntables.
- 2 foundry cranes.
- 5 traveling cranes.
- 1 steel barge, 200 feet  
long.
- 1 suction tube for hy-  
draulic dredge.
- 1 steel swinging boom  
derrick for public  
works.
- 7 railway swing bridges.
- 9 highway swing bridges.
- 2 water towers.
- 21 steel frame buildings.
- 37 roofs.
- 3 drill halls.
- 1 armory.
- 1 church.
- 5 foundries.
- 4 power houses.
- 1 paper mill.
- 1 pulp mill.
- 1 rubber factory.
- 1 smelting and reduc-  
tion works.
- 3 round houses.
- 1 steel dam.



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**Hamilton Bridge Works**

**Company, Limited**

**Hamilton, Canada**

**Manufacturers of Structural Steel**

**and Bridges of All Kinds**

**Long Distance Telephone 630**