

**MUNICIPAL ENGINEERS, CONTRACTORS, AND MATERIALS.**

**LEGAL DECISIONS AFFECTING MUNICIPALITIES.**

The Supreme Court of Indiana held, in *The City of Fort Wayne vs. Lake Shore & Michigan Southern Railway*, that while cities have a general power to construct and open streets, and this carries with it authority to construct them across railroad tracks under ordinary circumstances, they cannot, without express authority from the legislature, open and construct a street longitudinally along a railroad track or across the tracks where the use of such street would be destructive of the use of the tracks in the manner of their use at the time of the attempt to open the street.

**GOODERHAM V. CITY OF TORONTO.**  
Sec. 62 of R. S. O., c. 152, which provides that all allowances for streets surveyed in cities or any part thereof which have been or may be surveyed and laid out and laid down on the plans thereof, and upon which lots of land fronting upon such allowances for streets have been or may be sold to purchasers, shall be public highways and streets and commons, is retroactive and applies to streets laid out on plans made and registered before the passing of the act. A piece of land in Toronto of about twenty acres in extent, was, in 1854, surveyed and laid out in lots and streets, and a plan was duly registered. Certain lots were sold and were conveyed according to the plan, but were afterwards repurchased by the original owners of the piece of land, predecessors in title of the plaintiffs, and the whole piece was then fenced in and used as a field until 1888, when the city, without passing any by-law proceeded to open the streets. Held by the Court of Appeal that the streets shown on the plan were highways which the city was entitled to open, but that a by-law was necessary.

Hill Tout, City Engineer of Guelph, Ont., has resigned, the city council having concluded to dispense with the services of an engineer.

**DEBENTURES WANTED.**

Municipalities issuing debentures, no matter for what purpose, will find a ready purchaser by applying to **G. A. STYMON, 9 Toronto Street, Toronto.** N.B.—Money to loan at lowest rates on first mortgage.

**R. E. H. BUGNER,**

39 Adelaide St. East, - TORONTO.

**PATENT CAST IRON GULLIES,**

Vitrified Clay Sewers - Dust Bins - Sewer Pipe Cements - Steam Road Rollers - Stone Breakers - Street Scrapers - Horse Brushes, etc.

**ASPHALT PAVING**

We are prepared to do first-class work on WALKS, FLOORS, CELLAR BOTTOMS, &c., with ROCK ASPHALT, which is conceded to be the best for this class of work.

**H. WILLIAMS & CO.,**

Roofers and Pavlors,

4 Adelaide Street East, - TORONTO.

**THOROLD CEMENT**

WELLAND CANAL ENLARGEMENT.  
RESIDENT ENGINEER'S OFFICE.  
WELLAND, April 17th, 1884.

JOHN BATTLE, Esq., Thorold

Dear Sir,—Yours of yesterday, relative to Thorold Hydraulic Cement, is received. In reply, I beg to say that my tests of the Thorold Hydraulic Cement have extended over a period of twenty-eight years, and have been on a large scale, as exemplified in the locks, bridges, culverts and other masonry on the Welland Canal and Welland Railway, and that the record, which has been invariably satisfactory, is to be found in examination of the structures. The necessary tearing down of masonry and concrete, during the Welland Canal Enlargement, has afforded abundant evidence of the reliability of the Thorold Hydraulic Cement, both in masonry and concrete, and above and under water. I desire no better cement for the class of work referred to

I am, dear sir, yours truly,

W. G. THOMPSON,  
Resident Engineer.

**ISAAC USHER & SON,  
THOROLD, ONT.**

Manufacturers of

**QUEENSTON CEMENT**

Proved by Government tests to be the best Canadian natural cement. Write for prices, &c.

**Canada Pipe Foundry,**

HAMILTON, ONTARIO.

ALEX. GARTSHORE, Proprietor.

Manufacturer of

**CAST IRON WATER, GAS AND SEWER PIPES.**

— ALSO —

Special Castings of every description.

CAPACITY: 50 TONS PER DAY.

In use from Vancouver to Sydney, Cape Breton.

Correspondence solicited.

DIRECT IMPORTERS AND DEALERS IN

**SCOTCH FIRE CLAY BRICK,**



**DRAIN AND WATER PIPES,**

Double Strength for railway culverts, etc.

Sewer Bottoms or Invert Blocks, Cement.

NOTE.—Only pure SCOTCH unglazed Fire Clay Linings will be kept in stock; any other quality is worthless for resisting heat. Correspondence invited. Quotations promptly furnished.

Office: 31 Wellington St., Montreal.



For SEWERS, CULVERTS; also WATER PIPES, INVERTS, VENTS, &c.

Goods shipped by water or rail to all points.

The Thos. Nightingale Pressed Brick Co.

67 Adelaide St. East, Toronto.  
Telephone 449. Works at Port Credit.

**A. & E. LOIGNON,**  
CIVIL ENGINEERS.

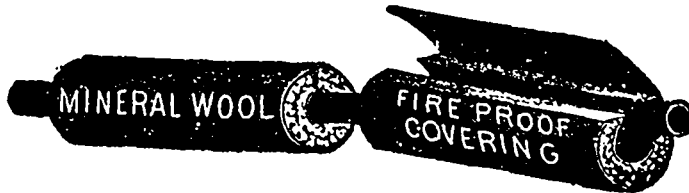
Bridge and Structural Iron Work. Steel Beams kept in stock.  
Plans, Estimates and Specifications.

WORKS: ST. COLUMBAN ST. AND CANAL SIDE, MONTREAL.  
OFFICE: 7 PLACE D'ARMES. Telephone 977.

**MUNICIPAL OFFICIALS**

should see to it that in the erection of town and city PUBLIC BUILDINGS, the installation of water works plant, etc., the advantages of . . .

**MINERAL WOOL**



are made use of for deadening sound in floors and partitions, insulation of heat and cold, fireproofing, etc., also SECTIONAL MINERAL WOOL COVERING for steam pipes, boilers, exposed water pipes, etc.

Montreal Agent  
**GEO. A. COWAN,**  
Room 23, 201 James Street.

**Canadian Mineral Wool Co., Limited,**  
122 Bay Street, TORONTO.

**HAMILTON AND TORONTO SEWER PIPE CO.**

— FOR —

**SEWERS, CULVERTS, AND WATER PIPES. INVERTS**  
Fire Brick Sewers



Write for Discounts.

HEAD OFFICE AND FACTORY, HAMILTON, CANADA.

**Drummond McCall Pipe Foundry Company,**

**MONTREAL**  
MANUFACTURERS OF

**CAST IRON WATER AND GAS PIPES**

WORKS: LACHINE, QUE.

PRICES ON APPLICATION.

**THE STANDARD DRAIN PIPE CO.**

OF ST. JOHNS, P. Q., (LIM.)



Manufacturers of Salt-Glazed, Vitrified **SEWER PIPES**

Double Strength Railway Culvert Pipes, Inverts, Vents,

AND ALL KINDS OF FIRE CLAY GOODS.

**Canadian Bridge & Iron Co.**  
**MONTREAL,**

Architectural Ironwork a Speciality.

Pleased to furnish estimates.

**THE J. C. EDWARDS**

**Vitrified Terra Metallic Paving Brick**

— FOR —

STABLE, COACH HOUSE, BOILER HOUSE, BREWERY FLOORS AND YARDS, Also all places of heavy and light traffic.

The only Genuine Vitrified Brick. The best in the world for Sidewalks & Street Crossings  
**FRONT-PROOF, WATER-PROOF, TIME-PROOF**

**JOHN S. CUTHBERTSON,**

AGENT FOR CANADA,  
Room 64, Temple Building, Montreal.  
PRICES ON APPLICATION.

**EUREKA CONCRETE SIDEWALKS**

FOR CELLARS, FLOORS, STABLES, ETC.

**A. GARDNER & CO.,** - ROOM 17, YONGE STREET ARCADE, TORONTO.  
TELEPHONE 2147.