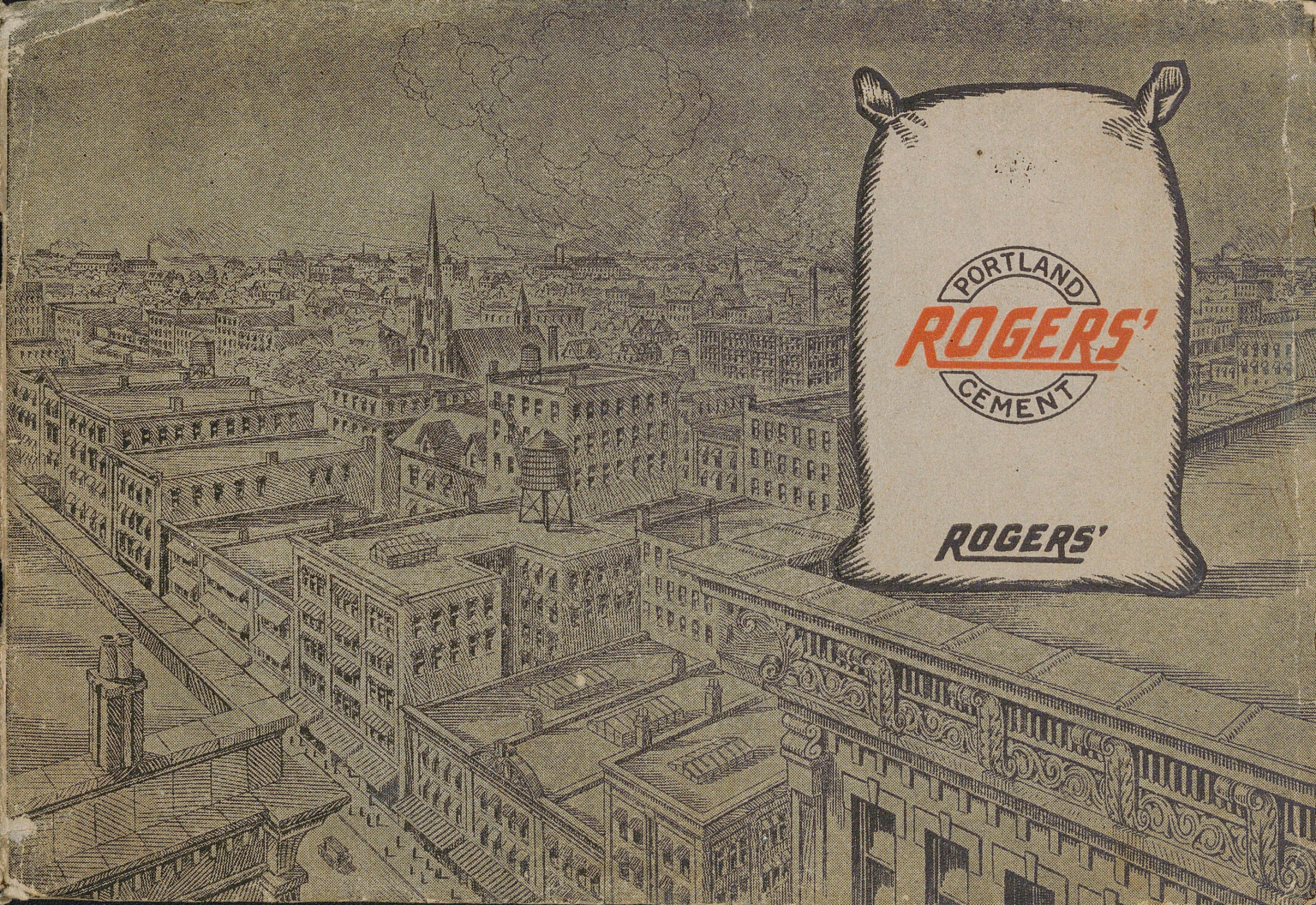




PORTLAND
ROGERS'
CEMENT

ROGERS'

WHAT THE NAME
ROGERS'
MEANS TO
CEMENT
CONSTRUCTION

Compliments of
ALFRED ROGERS, LIMITED
28 King Street West
TORONTO - ONT.

INTRODUCTION



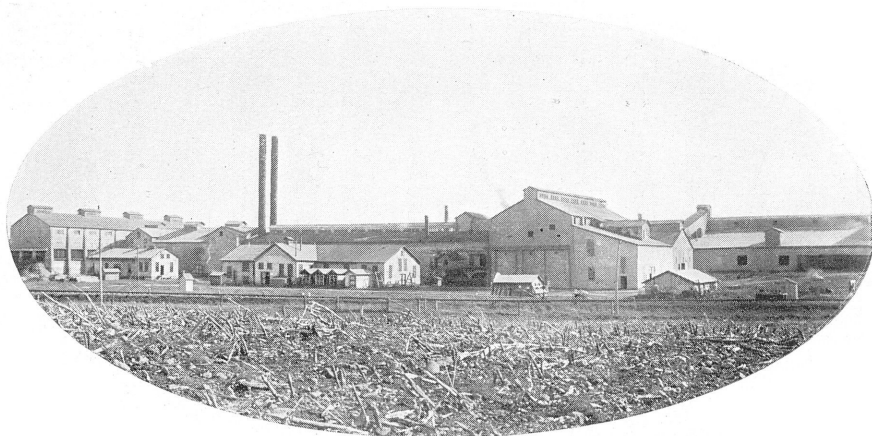
IN PRESENTING THIS SOUVENIR BOOKLET to our customers and the general public our desire is to acquaint them with the important part **Rogers Cement** has played in modern building and construction. These illustrations have been made from actual photographs, and while they only represent a small number of the buildings and other construction work for which **Rogers Cement** was specified and used, they will be sufficient to convince the reader of the adaptability of **Rogers Cement** to all kinds of construction.

It is worthy of note that the Architects and Engineers who were responsible for the building of these structures specified that **Rogers Cement** be used. This, in our opinion, is one of the best possible recommendations for **Rogers Cement** and proves that it is regarded as being of a superior quality by those who are fully qualified to judge of its merits.

Purity of raw materials, combined with the most modern and scientific methods of manufacture, enable us to produce a cement that is unequalled for uniform strength, high-grade quality and absolute durability.

ALFRED ROGERS, LIMITED
TORONTO

Where ROGERS CEMENT is made



ST. MARYS PLANT

Capacity 900,000 barrels per annum

The location of our Plants, together with the fact that they are situated on the Canadian Pacific and Grand Trunk lines, is a feature that will prove of much interest to our customers, and to all users of cement. We have every facility for the prompt handling and shipping of all orders, and carry a stock of cement averaging from at least 100,000 to 150,000 barrels.

Why “Rogers Cement” is the Canadian Standard

Rogers Cement has earned for itself the reputation of being the “Standard” Portland Cement of Canada. It is true that there are other brands of cement made; but there is only one **Rogers**—the cement that is uniform and rich in quality, and scientifically correct from every standpoint.

There is no other commodity so deceptive as cement and even those whose experience in the cement business covers over a quarter of a century, have sometimes been mistaken in judging quality. This is one of the strongest reasons why you should use a cement that is absolutely dependable, and one that has stood that greatest of all tests, the test of time.

The machinery used in the manufacture of **Rogers Cement** is of the most up-to-date pattern and embodies all the very latest improvements, and this, in a large degree, accounts for that uniformity of strength which is one of the outstanding features of **Rogers Cement**. During the process of manufacture the cement is subjected to the most rigorous tests, which insure its correct chemical composition, and enable us to give our customers a guaranteed product that will more than satisfy the most exacting requirements.

ROGERS CEMENT HAS RECEIVED THE UNQUALIFIED ENDORSEMENTS OF HUNDREDS OF ENGINEERS, ARCHITECTS, AND BUILDERS, AND IS THEREFORE THE CEMENT THAT YOU SHOULD USE

QUANTITIES OF MATERIAL FOR ONE CUBIC YARD OF RAMMED CONCRETE

(Table from Taylor and Thompson, "Reinforced Concrete.")

Proportions by parts			Percentage of Voids in Broken Stone or Gravel								
			50 per cent X			45 per cent XX			40 per cent XXX		
Cement	Sand	Stone	Cement Bbls.	Sand Cu. Yd.	Stone Cu. Yd.	Cement Bbls.	Sand Cu. Yd.	Stone Cu. Yd.	Cement Bbls.	Sand Cu. Yd.	Stone Cu. Yd.
I	..	2	3.57	..	1.06	3.37	..	1.00	3.20	..	0.95
I	1	3	..	..	..	2.60	..	1.16	2.45	..	1.09
I	2	3	1.81	0.54	0.80	1.74	0.52	0.77	1.67	0.50	0.74
I	2	4	1.58	0.47	0.94	1.51	0.45	0.89	1.44	0.43	0.85
I	2½	5	1.31	0.48	0.97	1.24	0.46	0.92	1.18	0.44	0.87

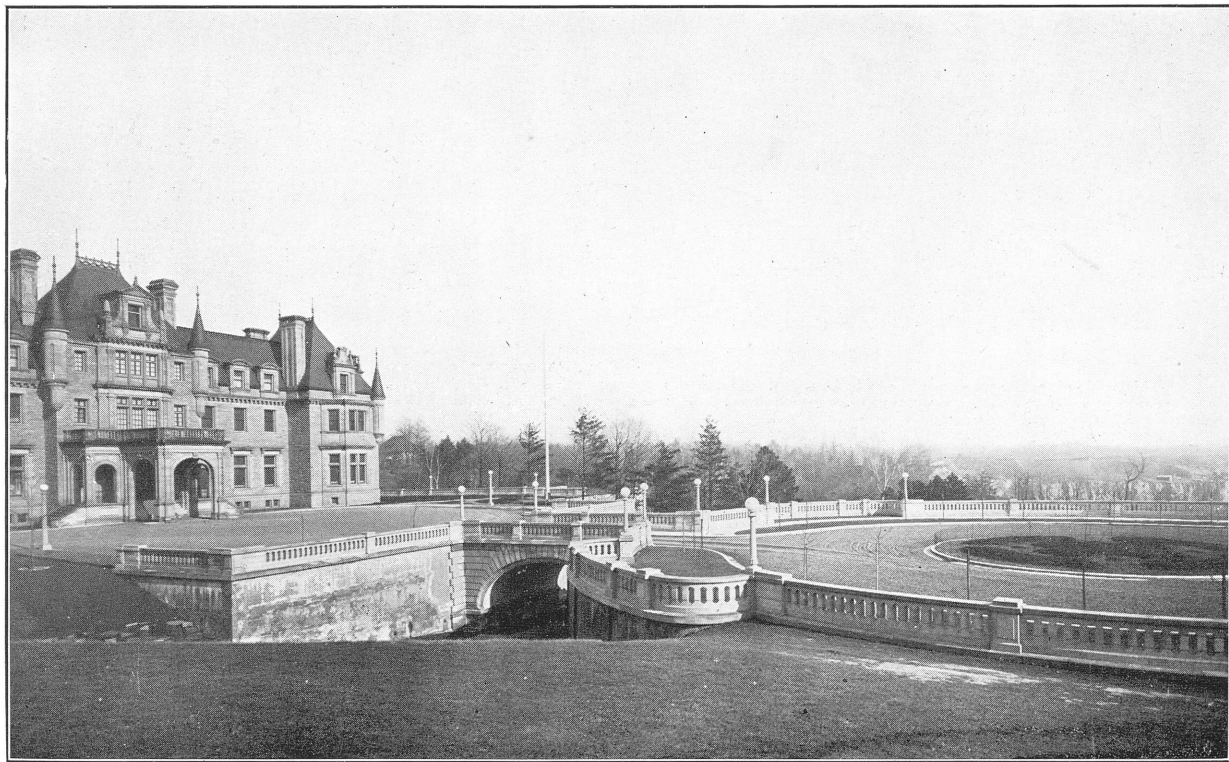
- X Use 50 per cent columns for broken stone screened to uniform size.
 XX Use 40 per cent columns for gravel or mixed stone and gravel.
 XXX Use 45 per cent columns for average conditions and for broken stone with dust screened out.

CONCRETE SILO CONSTRUCTION

This table gives the number of cows in herd and tonnage of silage for both one hundred and eighty and two hundred and forty days of feeding of 40 pounds of silage per cow, also acreage of corn estimated to fill the silo and the dimensions of the silo itself. The diameters given are such that at least two inches in depth of silage will be taken off daily.

An acre of land gives about one ton of silage for every five bushels of corn. If any acre yields 80 bushels it will produce about 16 tons of silage. This table is based on a yield of 50 bushels, or 10 tons of silage per acre.

No. of cows in herd	Feed for 180 days				Feed for 240 days.			
	Estimated tonnage of Silage consumed	Size of Silo		Corn acreage required at 10 tons to acre	Estimated tonnage of Silage consumed	Size of Silo		Corn acreage required at 10 tons to acre
		Diameter	Height			Diameter	Height	
	Tons	Feet	Feet	Acres	Tons	Feet	Feet	Acres
10	36	10	25	3½	48	10	31	5
12	43	10	28	4½	57	10	35	6
15	54	11	29	5½	72	11	36	7½
20	72	12	32	7	96	12	39	10
25	90	13	33	9	120	13	40	12
30	108	14	34	11	144	15	37	14½
35	126	15	34	13	168	16	38	17
40	144	16	35	14½	192	17	39	19½
45	162	16	37	16½	216	18	39	22
50	180	17	37	18	240	19	39	24
60	216	18	39	22	288	20	40	29
70	252	19	40	25½	336	20	46	34



Contractors: Leach Concrete Co.

New Government House, Toronto, Ont.

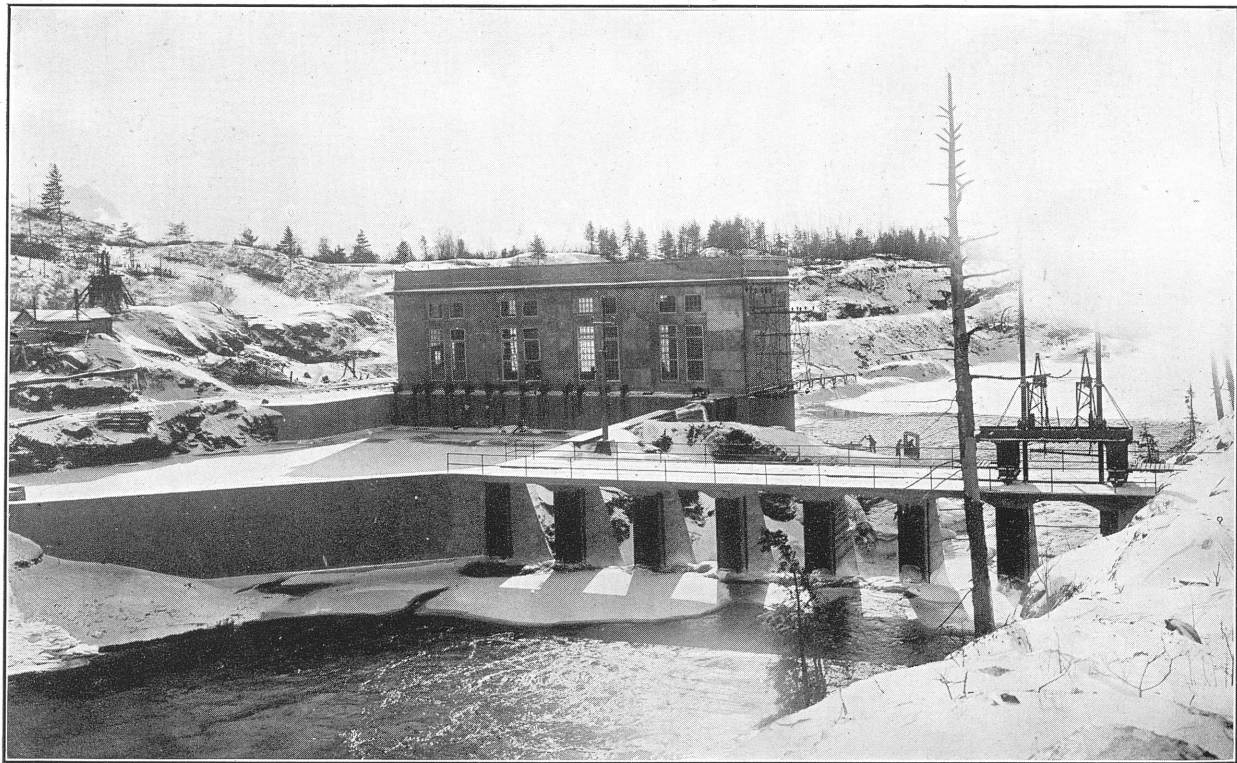
5,000 barrels Rogers Cement



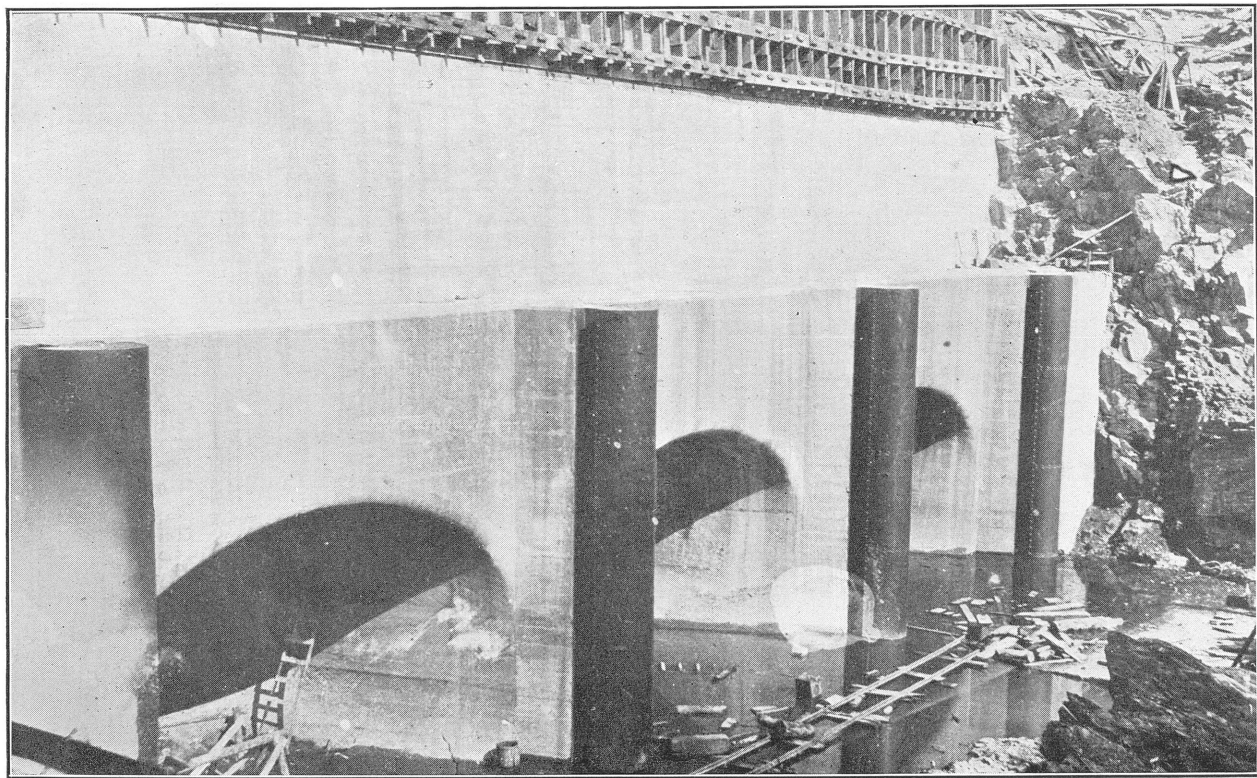
Contractor: C. J. Townsend

Concrete Bridge, Crawford Street, Toronto, Ont.

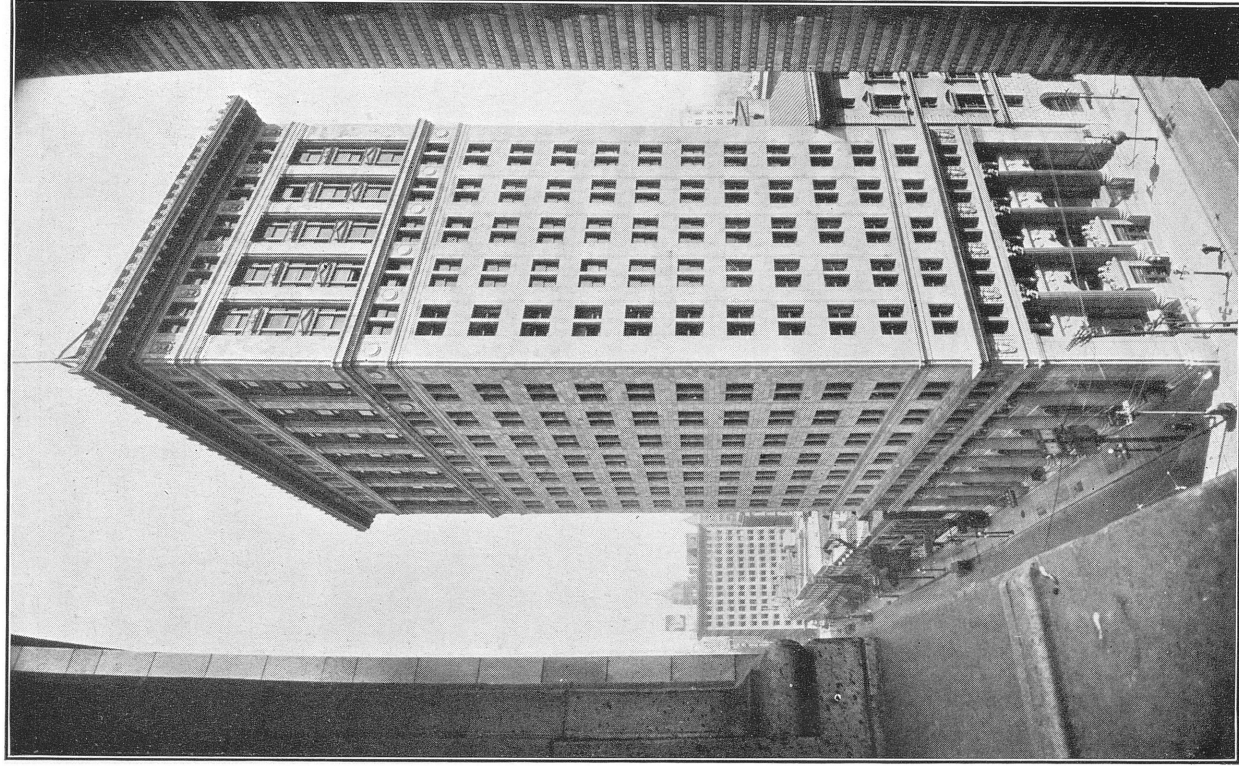
3,000 barrels Rogers Cement



Power Plant and Dam of the Mond Nickel Co., Nairn Falls, Ont.
20,000 barrels Rogers Cement



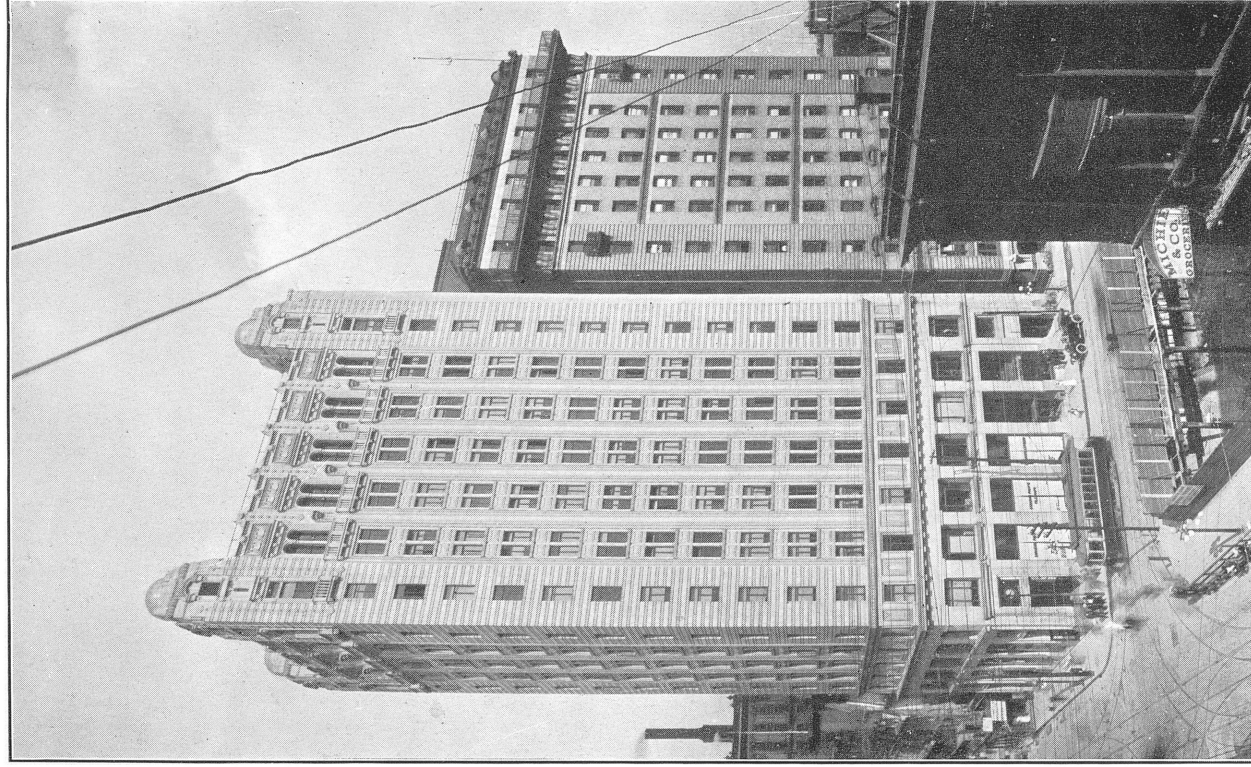
Discharge End Scroll Chambers, Mond Nickel Co., Nairn Falls, Ont.
Rogers Cement used



New Royal Bank Building, Toronto, Ont.

Contractors: Geo. A. Fuller Co., Montreal

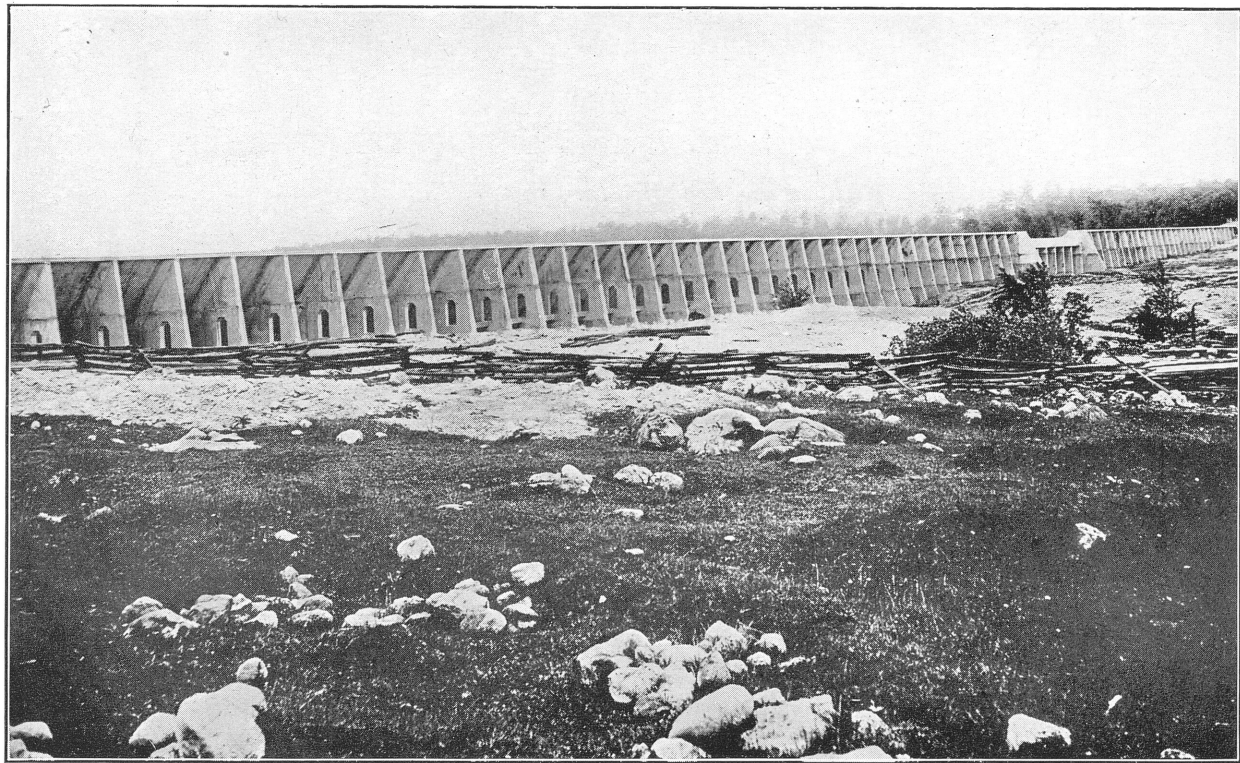
10,000 barrels Rogers Cement



New C.P.R. Building, Toronto, Ont.

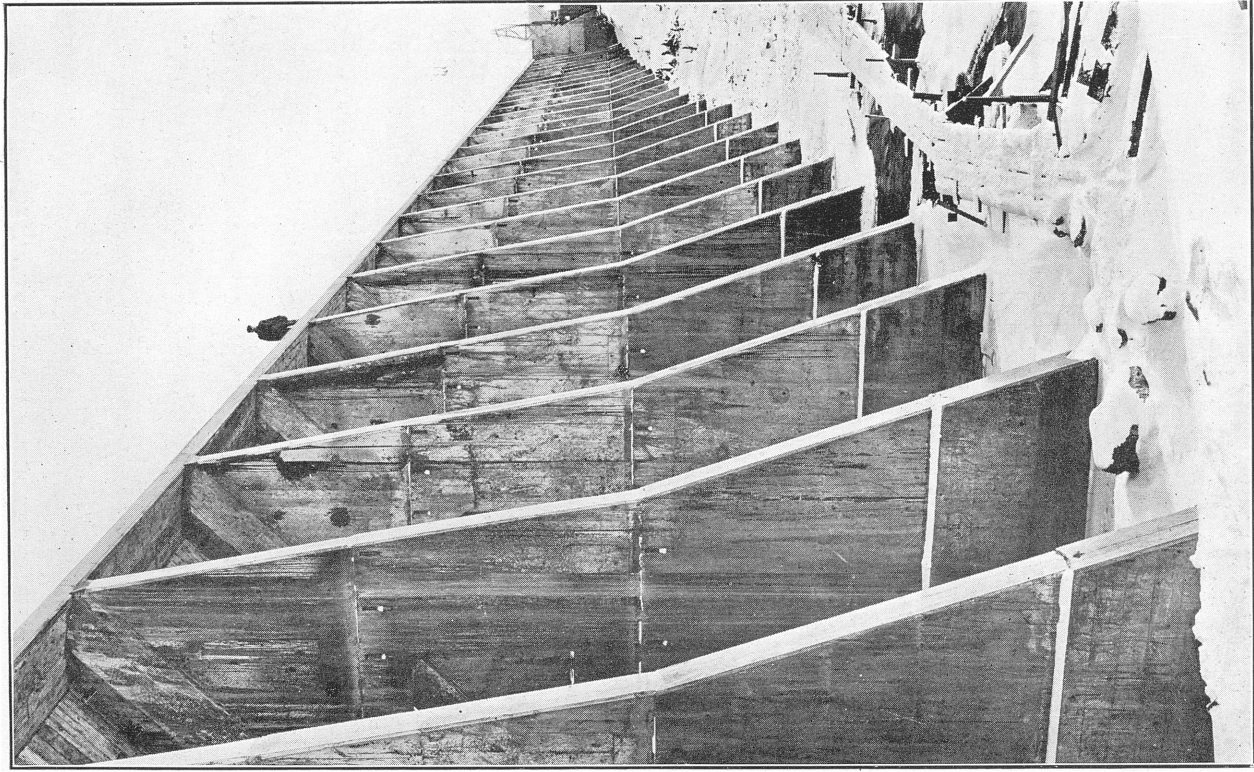
Contractors: Geo. A. Fuller Co., Montreal

8,000 barrels Rogers Cement

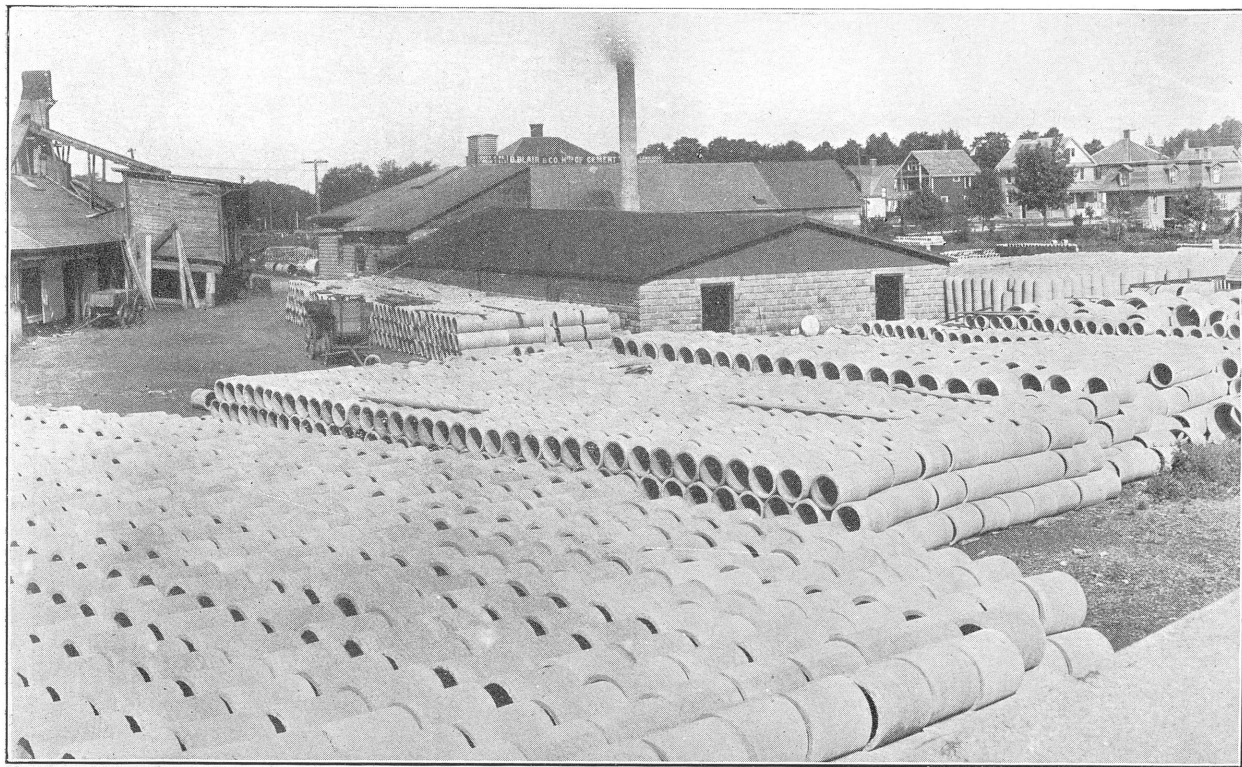


Concrete Dam Hydro Power Commission, Eugenia Falls, Ont.
Contractors: Ambursham Hydraulic Con. Co., Montreal

14,000 barrels Rogers Cement



Magnitude of Concrete Construction. Hydro Power Commission Dam, Eugenia Falls, Ont.
Contractors: Ambursham Hydraulic Con. Co. Rogers Cement used



Concrete Pipe Plant of B. Blair & Co., Woodstock, Ont.
10,000 barrels of Rogers Cement used annually



Concrete Bridge over Little Current River, Port Arthur, Ont.

Contractors: Seaman & Kent

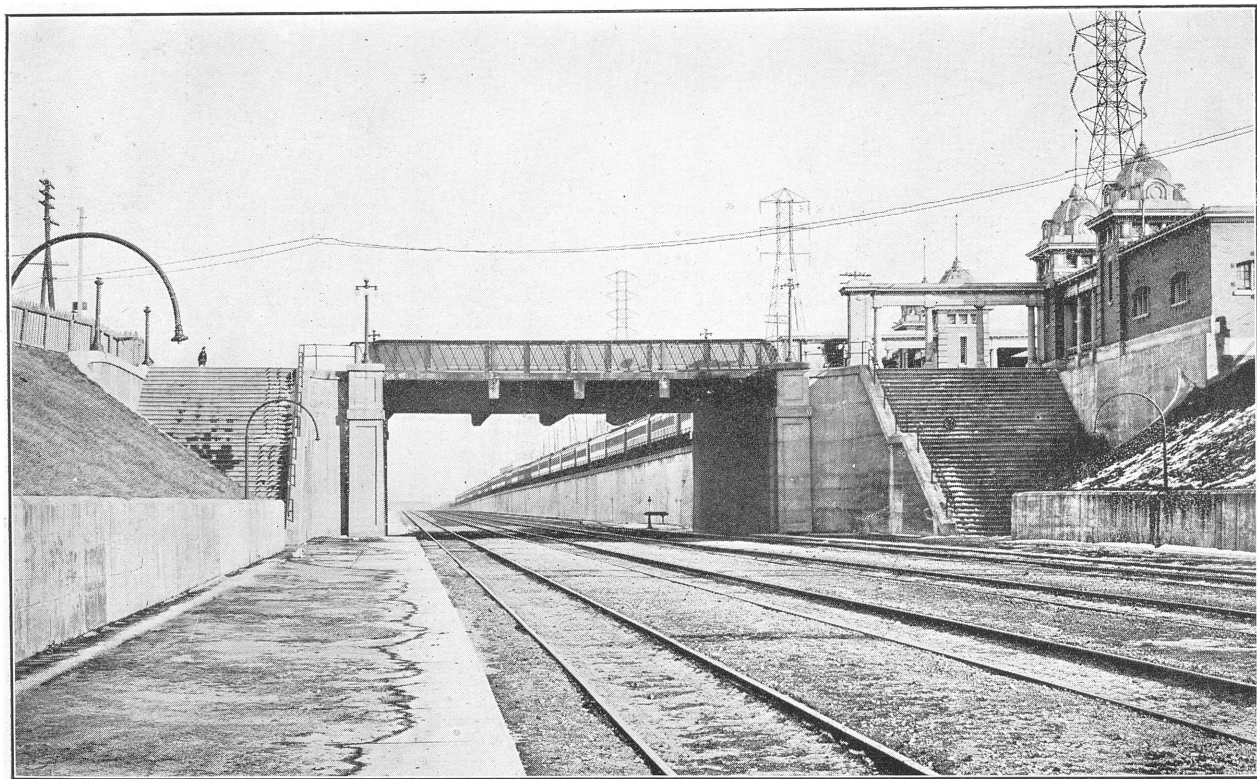
2,500 barrels Rogers Cement



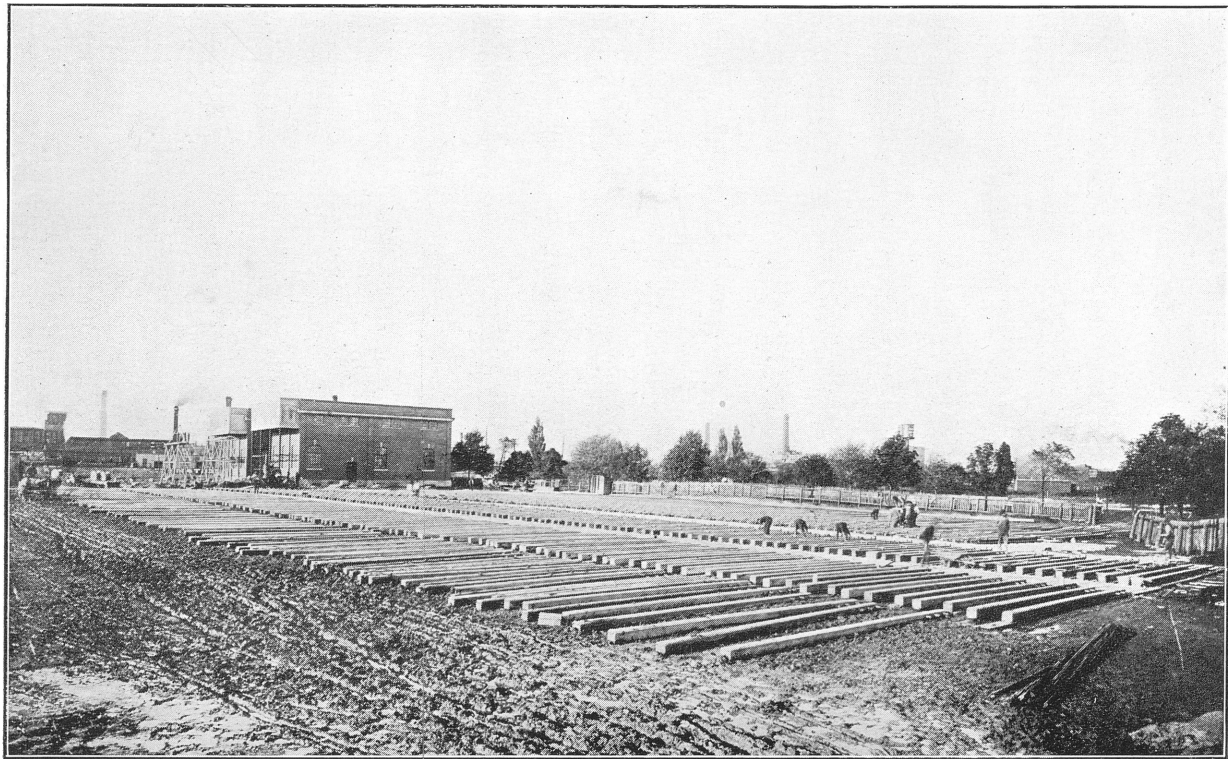
New Wrigley Building, Toronto, under construction

Contractors: H. G. Christman Co.

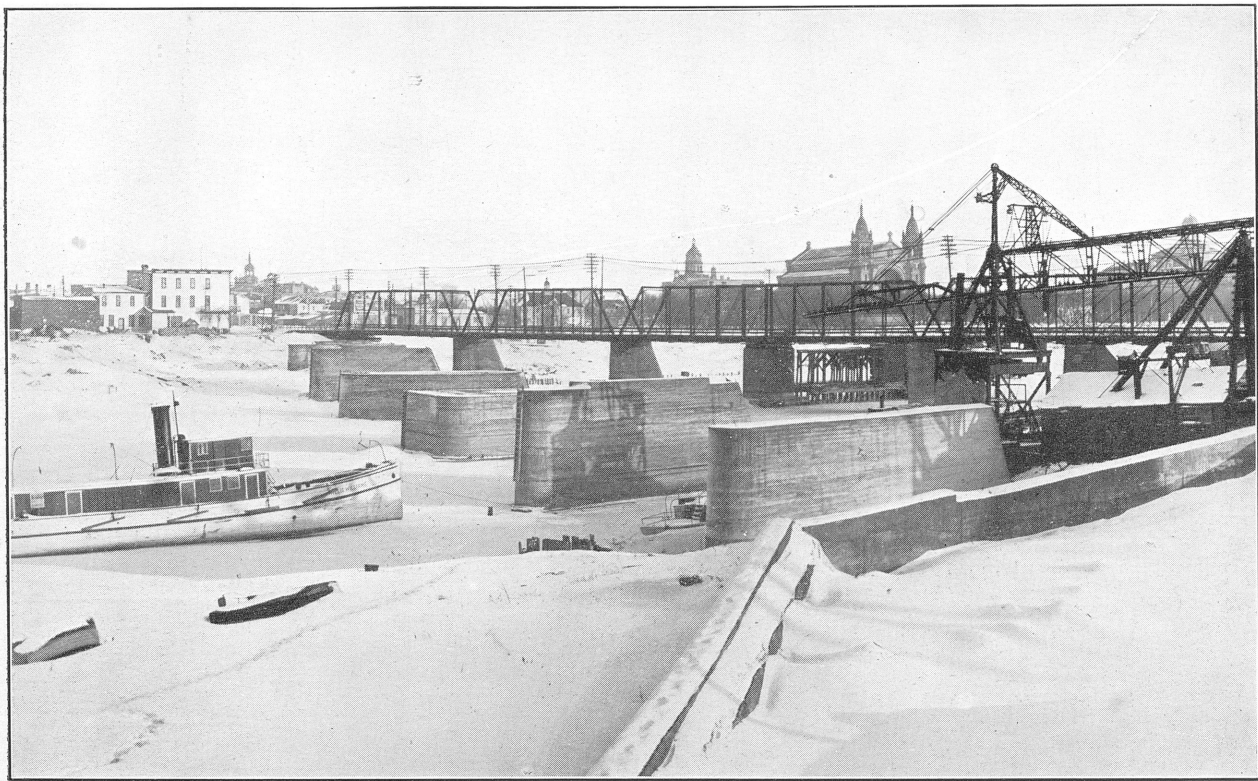
10,000 barrels Rogers Cement



Concrete Retaining Wall, Steps and Side Walks, G.T.R. Elevation, Exhibition Park, Toronto
Over 50,000 barrels Rogers Cement used



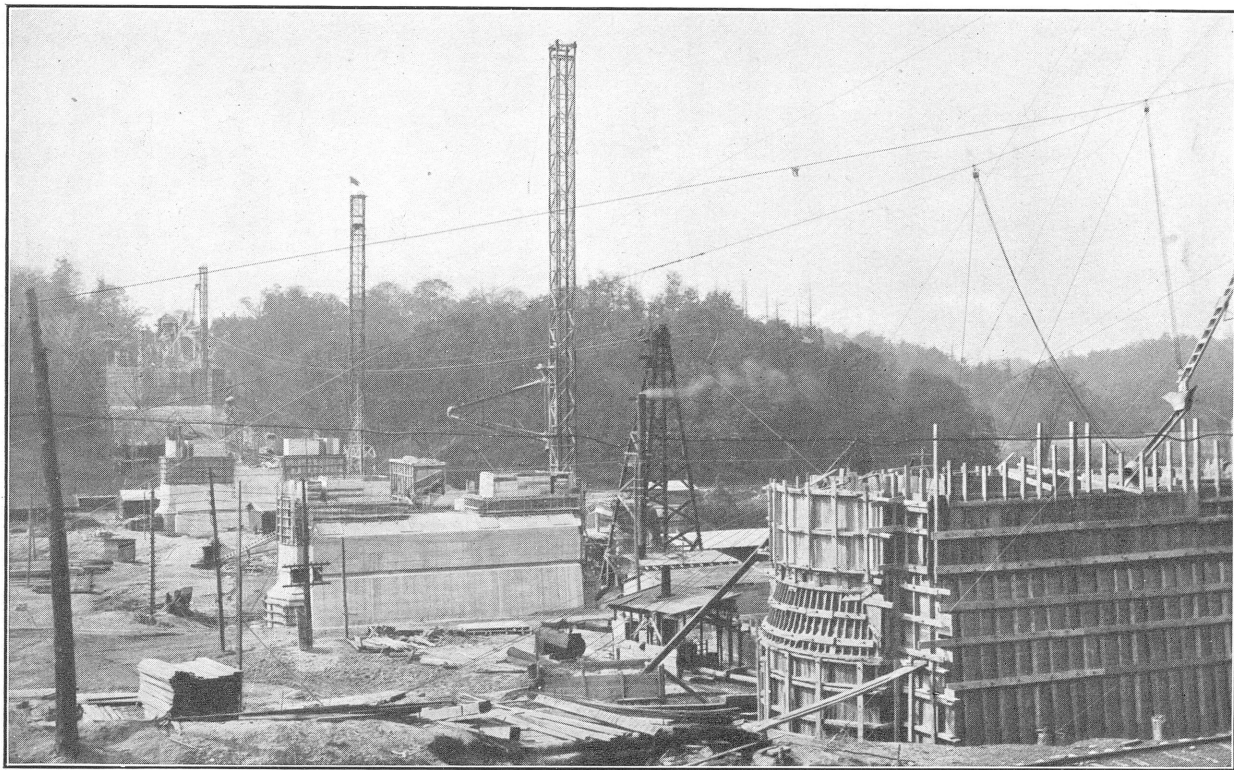
16,000 Hydro Electric Cement Poles made by City of Toronto
Rogers Cement used exclusively



Concrete Piers for New Bridge over Red River, between Winnipeg and St. Boniface, Man.

Contractors: McDonald & McGiougan

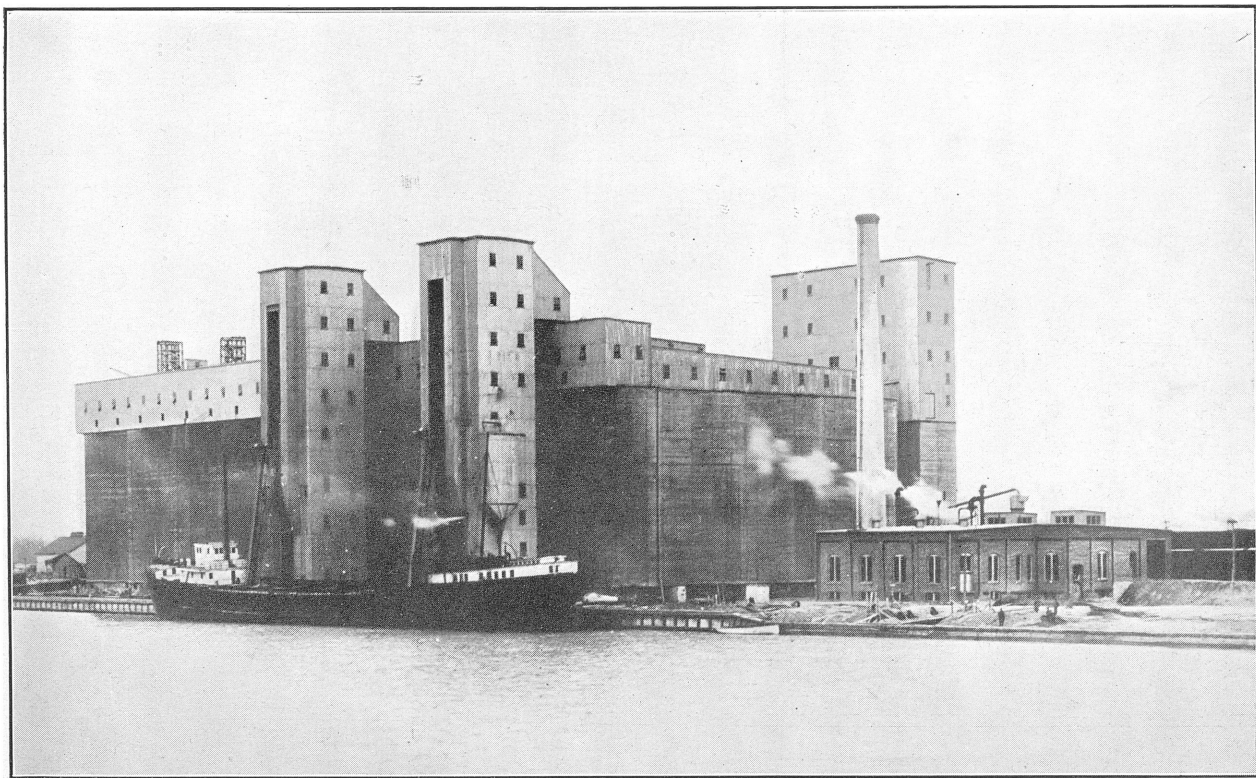
12,000 barrels Rogers Cement



Don Section, Bloor Street Viaduct, Toronto

Contractors: Quinlan & Robertson, Montreal

25,000 barrels Rogers Cement



Contractors: Metcalf Co., Montreal

New C.P.R. Elevator, Midland, Ont.

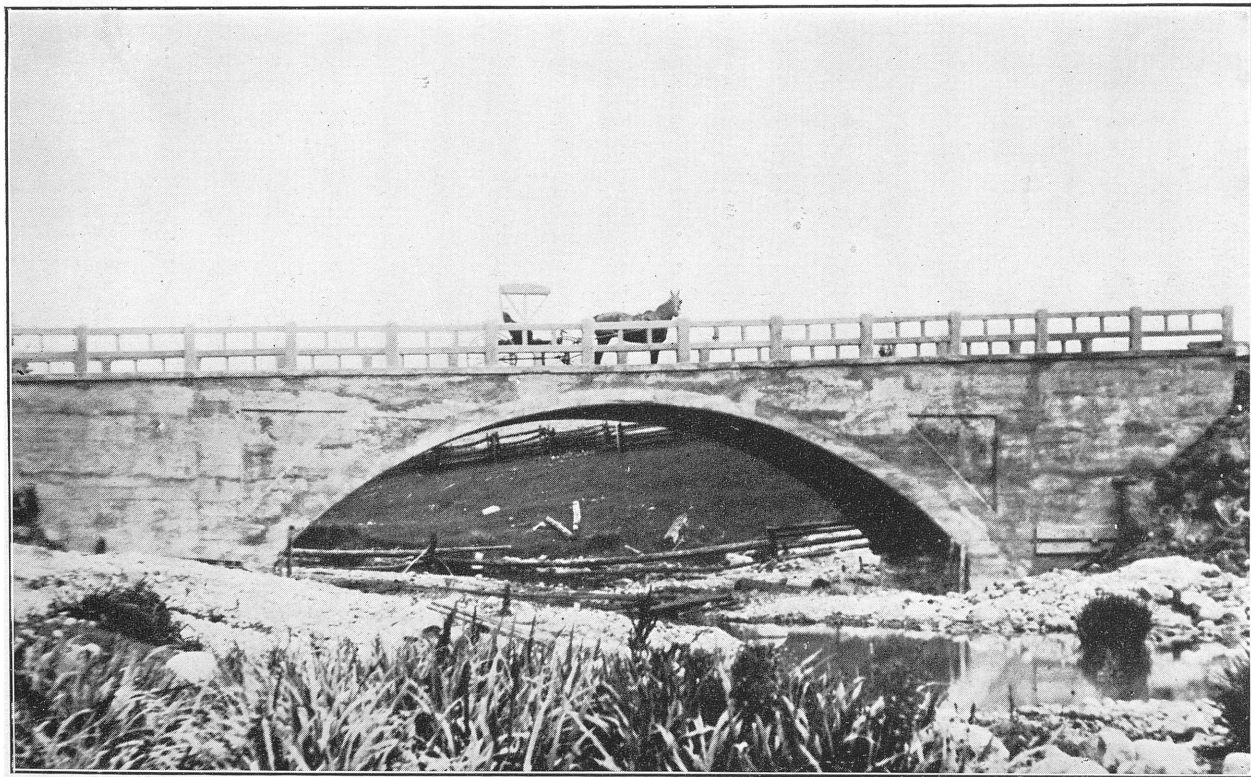
10,000 barrels Rogers Cement



Contractors: Bain & Ross.

Concrete Bridge, Embro, Ont.

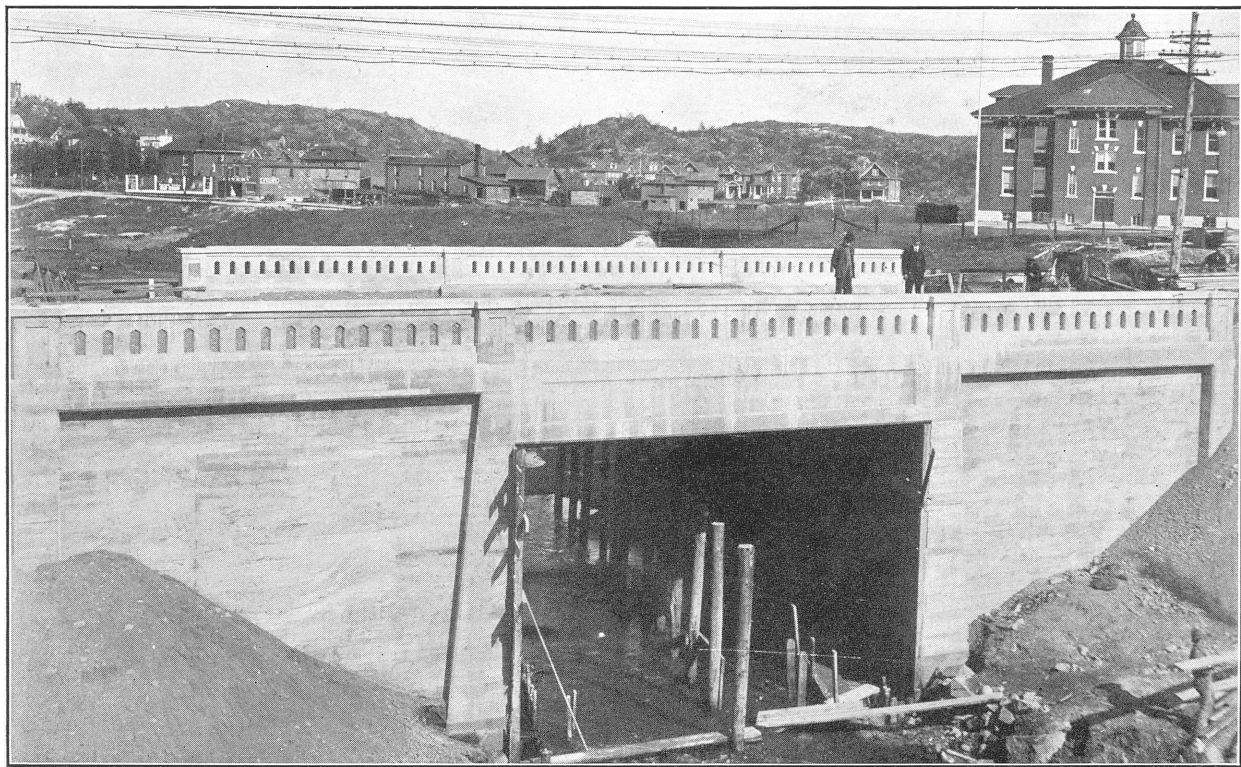
Rogers Cement used



Concrete Bridge and Railing over four-mile creek, Township of Arthur
Contractor: J. Langdon, Kenilworth

Span 52 feet

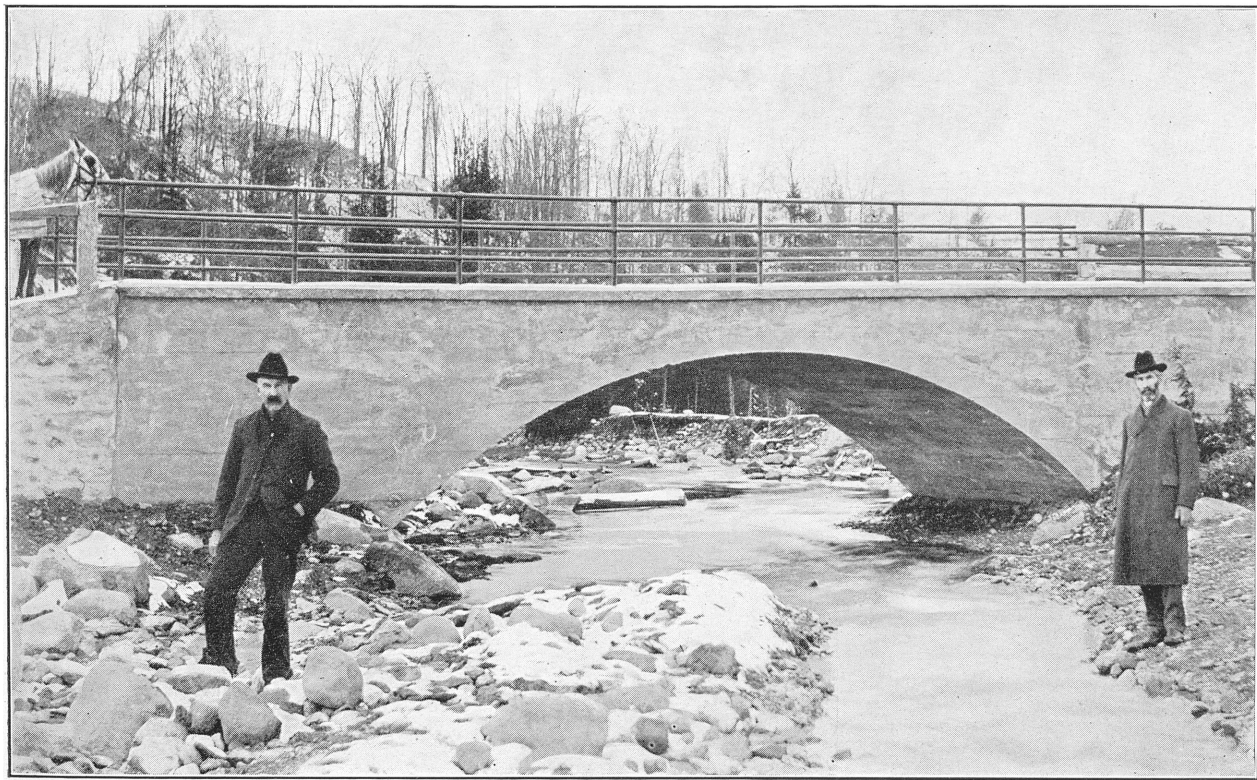
Rogers Cement used



Contractors: D. L. Brown, Sudbury

Concrete Bridge, Sudbury, Ont.

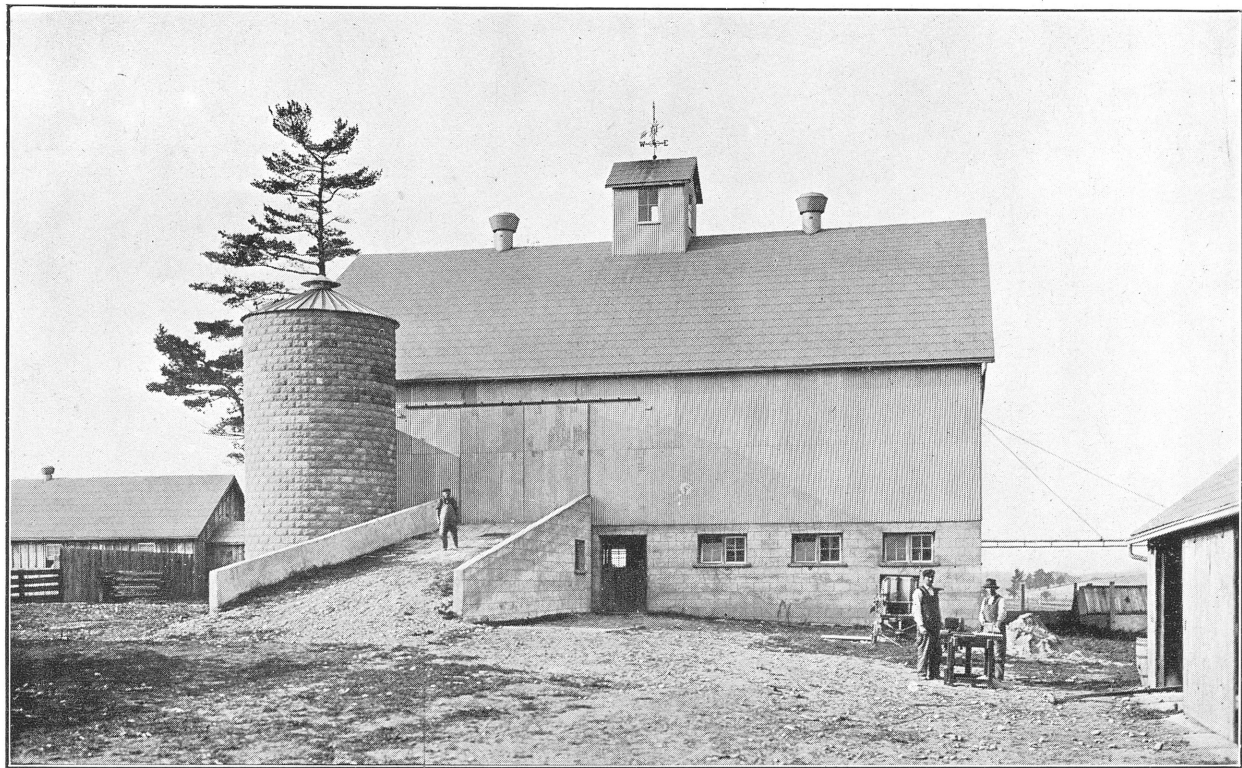
Rogers Cement used



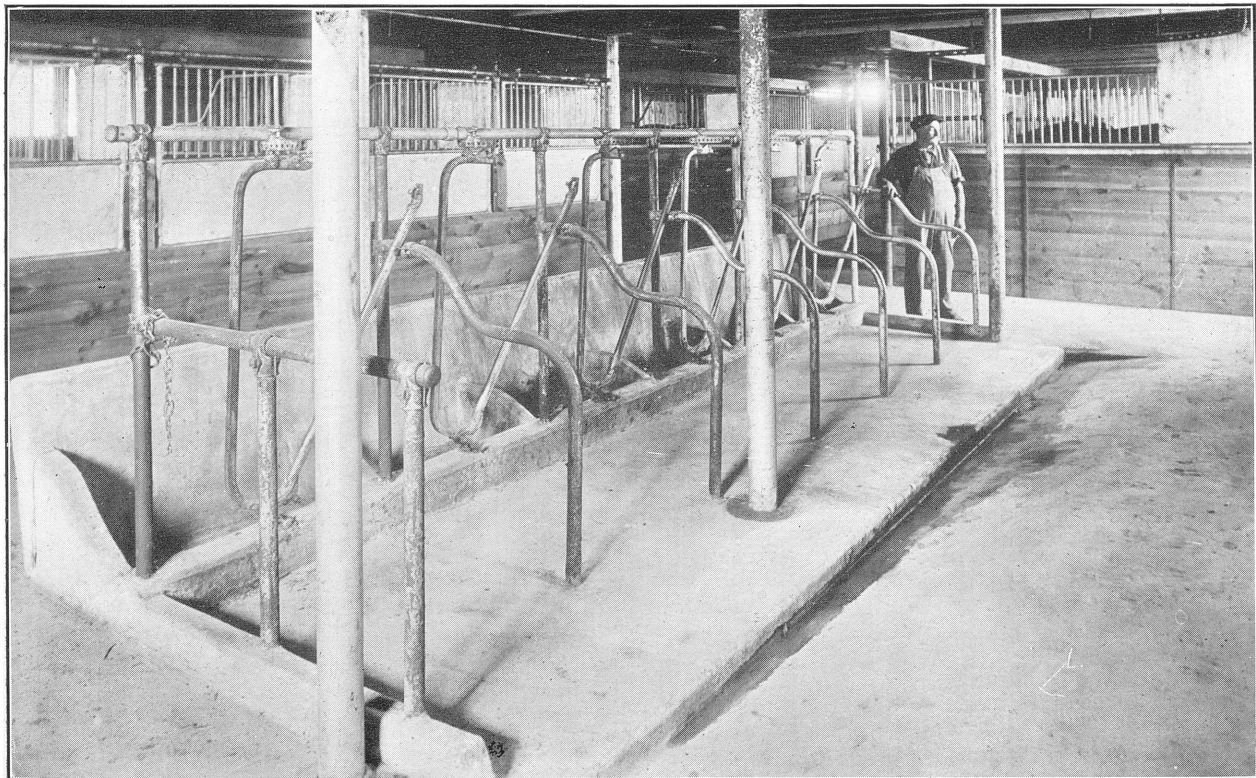
Contractors: J. Langdon, Kenilworth

Concrete Bridge, Mono Township
32-ft. Arch

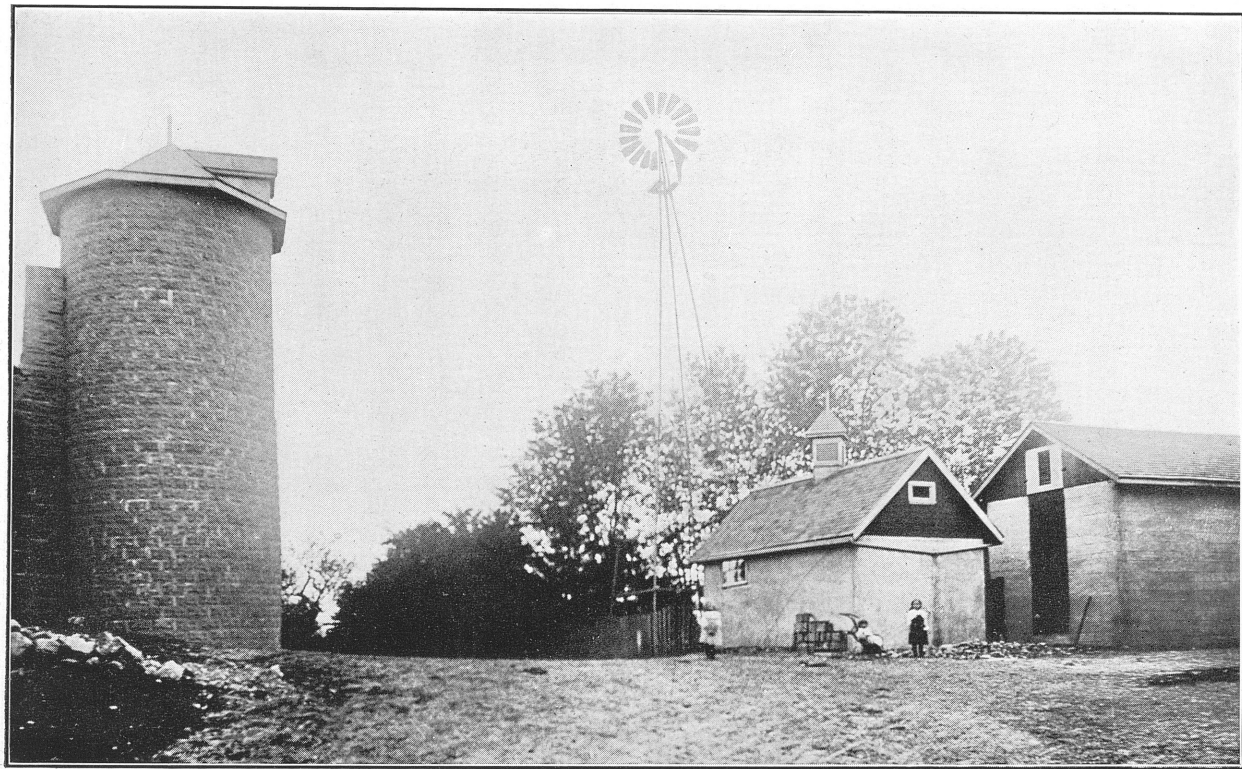
Rogers Cement used



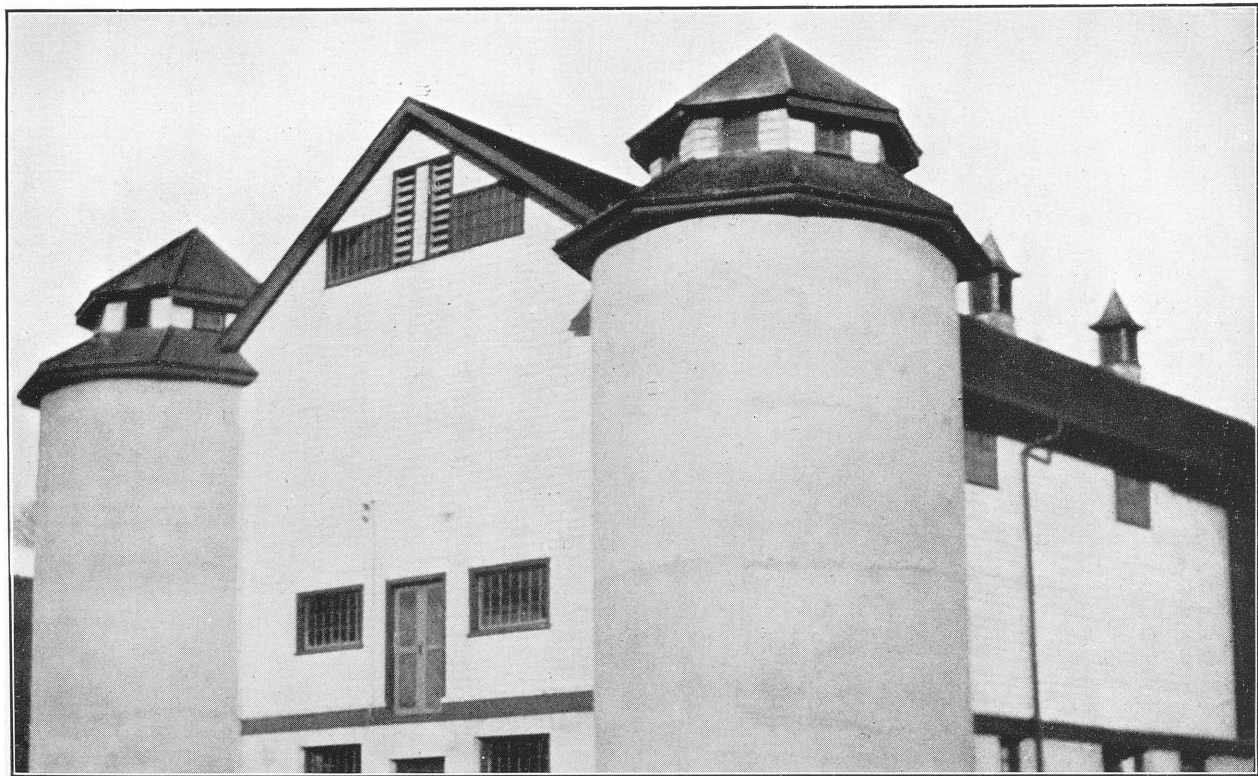
Concrete Silo, Approaches and Foundation of Barn
Pickering, Ont.



Interior view of Barn, Pickering, Ont., showing concrete floors, mangers, etc.



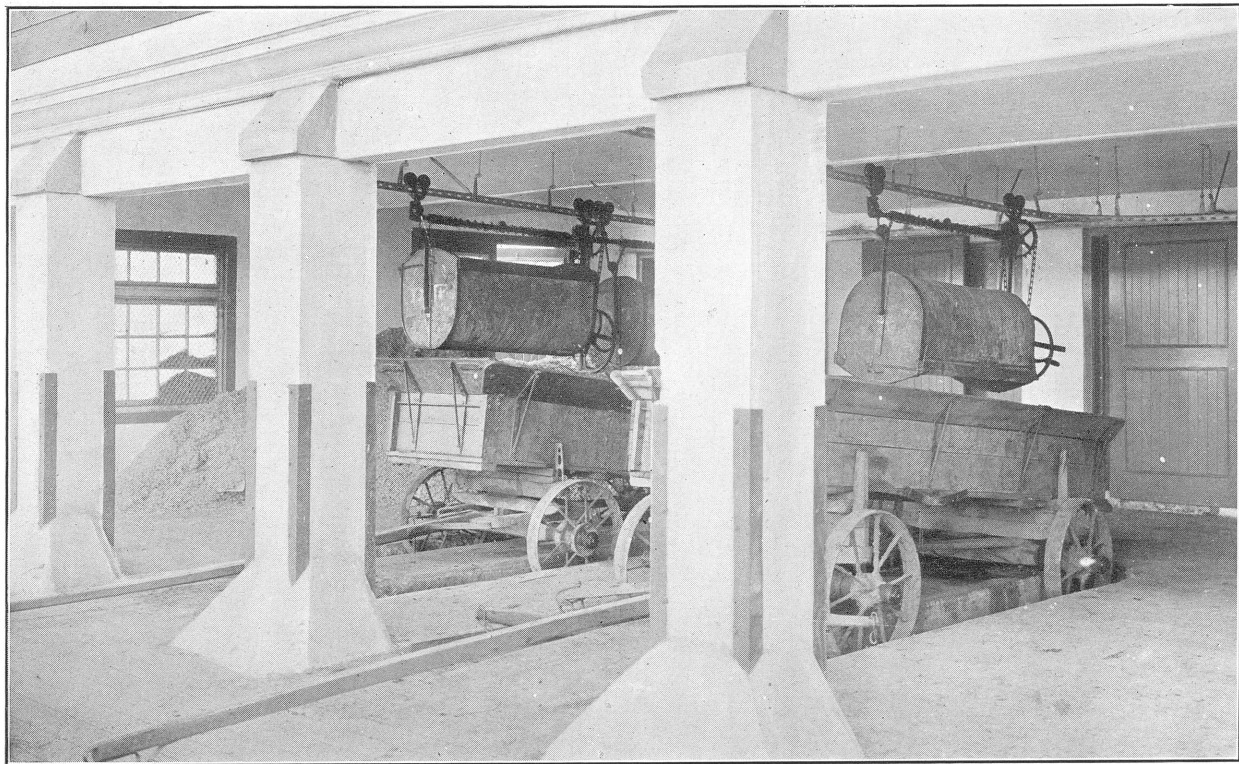
View of Concrete Farm Buildings and Silo, Eglinton, Ont.



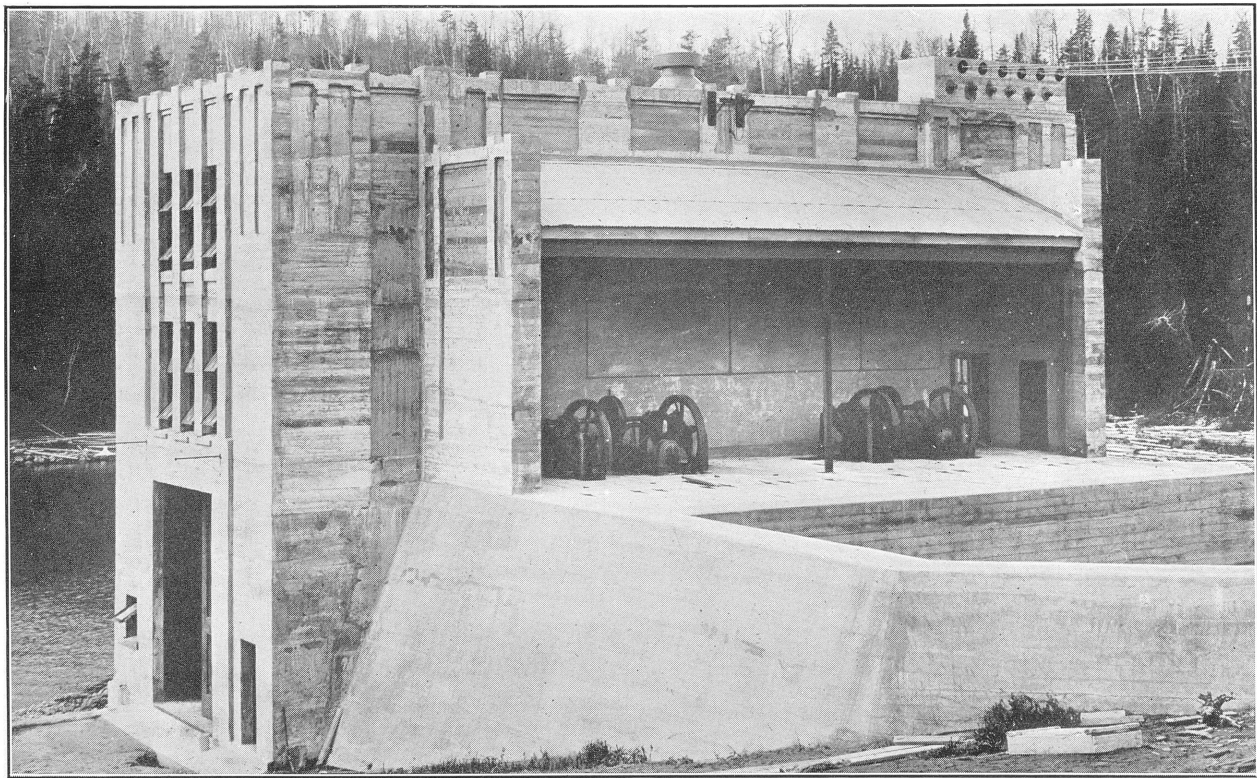
Contractor: A. Goldsmith

Concrete Silos on Farm of Joseph Kilgour, Leaside, Ont.

Rogers Cement used



Interior view of Barn, Provincial Prison Farm, Guelph, Ont., showing concrete floors, pillars, etc.



Power Plant of the Northern Canada Power Co., Cobalt, Ont.
12,000 barrels Rogers Cement

What You Should Know About ROGERS CEMENT

Rogers Cement is recommended by leading architects everywhere

On investigation Rogers Cement has proven to be without an equal

Guaranteed to be of uniform strength and made of purest materials

Every shipment is thoroughly inspected before it leaves the mill

Reliability and durability—two of the strongest features of Rogers Cement

Send us your order for the cement that has been proven Best by Test



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