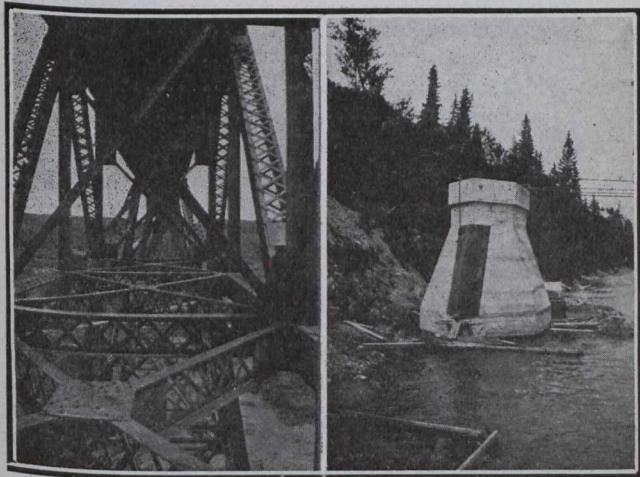


ing the bridge was completed. The total weight of steel placed in the bridge was 3,013,976 pounds.

The work was under the direct supervision of Mr. MacGregor, assisted by a resident engineer at the bridge. Mr.



View Showing Lateral Bracing of Main Truss Spans.

View of the Completed Pier No. 26.

R. Turner was C.P.R. bridge inspector on the work and Mr. T. Frankish superintendent of construction for the Canadian Bridge Company.

Accompanying are several photographs of the work taken during erection; also diagrams showing the progress of erection both of the substructure and superstructure.

CANADIAN RAILWAYS AND ROLLING STOCK IN 1912.

The year 1912 was a period of great activity in railroad car construction as well as rail extension and a resumé of the car and locomotive orders issued by the directorate of the various Canadian roads during the past twelve months makes an interesting item.

The following are the orders of the Canadian Pacific Railway:—

Box cars .....	24,141
Flat cars .....	1,370
Stone cars .....	400
Ballast cars .....	616
Stock cars .....	865
Refrigerator cars .....	522
Horse cars .....	38
Dump cars .....	20
Tank cars .....	20
Automobile cars .....	100
General service cars .....	411
<b>Total</b> .....	<b>28,403</b>

The passenger car orders are composed of:—

Sleeping cars .....	106
Dining cars .....	25
Tourist cars .....	57
Baggage and express cars .....	76
First-class cars .....	117
Compartment sleeping cars .....	3
Buffet parlor cars .....	8
Colonist cars .....	2
Second-class cars .....	12
Mail and express cars .....	13
Baggage and smoker .....	1
Horse express cars .....	2
Fruit express cars .....	1
Baggage cars .....	50
<b>Total</b> .....	<b>473</b>

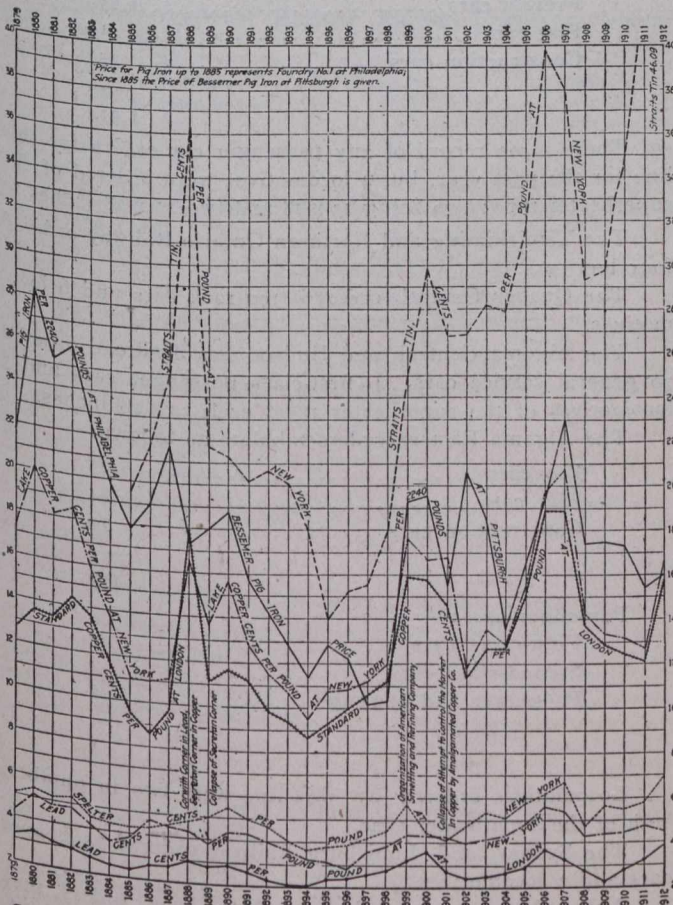
The locomotive orders of this company for the period mentioned consist of 493 machines of the superheater type in sizes ranging from 19 x 24 to 23 1/4 x 32 inches.

The Canadian Northern have placed some large orders for rolling stock during the past year, their freight car orders being composed of the following:—

Box cars .....	3,600
Automobile cars .....	100
Flat cars .....	1,050
Caboose cars .....	50
Tank cars .....	10
Refrigerator cars .....	100
Stock cars .....	150
Construction cars .....	324
<b>Total</b> .....	<b>5,384</b>

Passenger cars ordered by this company indicate increased business, and comprise the following:—

First-class cars .....	30
Café-parlor .....	2
Baggage .....	15
Baggage and mail .....	9
Dining cars .....	2
Sleeping cars .....	16
Second-class .....	25
Self propelled .....	1
<b>Total</b> .....	<b>100</b>



Course of Metal Prices Since 1879—Annual Averages as Compiled by the Engineering and Mining Journal.