

difference in cost between the two systems. This means a saving of \$42.30 per passenger car in six years for hose alone, made possible with this connector.

I have not made any mention of signal hose, and but little mention of steam hose. If these were taken into consideration the figures of 3,293,000 would be very materially increased. The economy in hose and train pipe breakage, however, sinks into insignificance when compared with the immense amount which would be saved in eliminating train delays and reducing trainmen's wages and coal consumption. If the figures on acceleration of traffic with a connector could be compiled they would represent a saving which would stagger the closest student of railway operation.

**Great Northern Railway Report.**

The company's fiscal year having been changed to correspond with the calendar year, instead of running from July 1 to June 30, the Great Northern Ry.'s 28th report covers only from July 1 to Dec. 31, 1916. The directors report that there has been no change in the capital account, which remains at \$250,000,000, of which there has been issued \$249,476,850. The balance is held for acquiring certain stock, etc, still outstanding. The bonds outstanding are for \$197,697,909.09, at June 30, 1916.

The company's investment in Canadian companies, on account of advances made to pay for property, construction, additions and betterments, has been changed during the period, as follows:

Midland Ry. of Manitoba .....	Credit	\$4,757.50
Manitoba Great Northern Ry. ....		3,092.65
Brandon, Saskatchewan & Hudson's Bay Ry. ....		642.16
Crow's Nest Southern Ry. ....		1,177.65
Nelson & Fort Sheppard Ry. ....		1,558.92
Vancouver, Victoria & Eastern Ry. and Nav. Co. ....		254,949.62
<b>Total .....</b>		<b>\$256,663.50</b>

The Bedlington & Nelson Ry. Co., in Aug., 1916, removed the track and abandoned its railway, extending from the International Boundary to Wilkes, B.C., 12.04 miles.

The President, in his report, refers to the completion of the Vancouver, Victoria & Eastern Ry & Navigation Co.'s line between Connor (formerly Sumas Landing) and Kilgard, B.C., which was placed in operation, Sept. 5, 1916, giving the company a through Canadian line between Oroville and Vancouver.

Total revenue from transportation .....	\$46,395,269.22
Revenue from operation other than transportation .....	899,149.45
Gross operating revenue .....	\$47,294,418.67
Operating expenses .....	24,677,301.23
Net revenue .....	\$22,617,117.44
Railway taxes accrued .....	2,949,432.32
Operating income .....	\$19,667,685.12
Other income .....	1,856,137.70
Gross corporate income .....	\$21,023,822.82
Net corporate income .....	\$17,201,176.43
Dividends .....	\$8,731,254.00
Appropriations .....	138,613.74
	8,869,867.74
Balance to profit and loss .....	\$8,331,308.69

The company's Canadian investments are valued in the general balance sheet as follows:

Midland Ry. of Manitoba .....	\$2,348,218.39
Manitoba Great Northern Ry. ....	2,070,970.33
Brandon, Sask., and H. B. Ry. ....	2,150,642.16
Crows Nest Southern Ry. ....	4,217,663.24
Nelson and Fort Sheppard Ry. ....	2,120,578.43
Red Mountain Ry. ....	310,619.07
Vancouver, Victoria & Eastern Ry. ....	22,503,878.85
New Westminster Southern Ry. ....	260,000.00
<b>Total .....</b>	<b>\$35,982,570.47</b>

**Birthdays of Transportation Men in August.**

Many happy returns of the day to:  
 A. C. Barker, Superintendent of Telegraph and Time Service, Intercolonial Division, Canadian Government Railways, Moncton, N.B., born at Lacadie, Que., Aug. 5, 1878.  
 V. T. Bartram, ex-Purchasing Agent, Timiskaming & Northern Ontario Ry., now of Toronto, born at Ottawa, Aug. 2, 1880.  
 J. C. Beckwith, Division Engineer, Canadian Government Railways, Moncton, N.B., born at Fredericton, N.B., Aug. 1, 1875.  
 C. B. Brown, M.Can.Soc.C.E., Assistant General Manager, Eastern Lines, and Chief Engineer, Canadian Government Railways, Moncton, N.B., born at Ithaca, N.Y., Aug. 27, 1879.  
 J. S. Carter, District Passenger Agent, C.P.R., Nelson, B.C., born at Aurora, Ill., Aug. 14, 1864.  
 A. E. H. Chesley, General Accountant, Dominion Atlantic Ry., Kentville, N.S., born near Annapolis Royal, N.S., Aug. 27, 1877.  
 A. B. Chown, Travelling Passenger Agent, G.T.R., Pittsburg, Pa., born at Belleville, Ont., Aug. 4, 1887.  
 G. T. Coleman, Car Service Agent, Ontario District, C.P.R., Toronto, born at Carleton Place, Ont., Aug. 25, 1875.  
 C. H. N. Connell, Engineer Maintenance of Way, Quebec District, Canadian Northern Ry., Montreal, born at Woodstock, N.B., Aug. 26, 1876.  
 C. E. Croft, Chief of Commissary Department, Canada Steamship Lines, Ltd., Toronto, born at Cobourg, Ont., Aug. 26, 1882.  
 E. L. Desjardins, Assistant Superintendent, District 1, Intercolonial Division, Canadian Government Railways, Levis, Que., born at St. Jean Port Joli, Que., Aug. 1, 1859.  
 L. C. Fritch, ex-General Manager, Eastern Lines, Canadian Northern Ry., now General Manager, Seaboard Air Line Ry., Norfolk, Va., born at Springfield, Ill., Aug. 11, 1869.  
 J. V. Foy, General Passenger and Freight Agent, Canada Steamship Lines, Ltd., Toronto, born there Aug. 27, 1882.  
 G. W. Groom, Assistant Superintendent, Central Vermont Ry., St. Albans, Vt., born at Rossville, Ill., Aug. 26, 1872.  
 G. H. Ham, Head Office Department, C.P.R., Montreal, born at Trenton, Ont., Aug. 23, 1847.  
 W. B. Harper, Resident Engineer, Laurentian Division, Quebec District, C.P.R., Montreal, born at Baie Verte, N.B., Aug. 15, 1882.  
 M. B. Helston, Superintendent, Division 4, Western District, Canadian Northern Ry., Calgary, Alta., born at Michigan Ind., Aug. 24, 1869.  
 W. P. Hinton, Traffic Manager, Grand Trunk Pacific Ry., Grand Trunk Pacific Coast Steamship Co., and Western Traffic Manager, Canadian Government Railways, Winnipeg, born at Hintonburg, Ont., Aug. 30, 1871.  
 J. D. McDonald, Assistant General Passenger Agent, G.T.R., Chicago, Ill., born at Toronto, Aug. 27, 1855.  
 T. McHattie, ex-Master Mechanic, Eastern Lines, G.T.R., Montreal, born at Dufftown, Banffshire, Scotland, Aug. 8, 1854.  
 M. K. McQuarrie, Resident Engineer, Dominion Atlantic Ry., Kentville, N.S., born at Sault Ste. Marie, Ont., Aug. 17, 1884.  
 A. H. Mahon, District Locomotive

Foreman, Grand Trunk Pacific Ry., Edson, Alta., born north of Ottawa, Ont., Aug. 27, 1874.  
 W. J. Meakin, Locomotive and Car Foreman, C.P.R., Wetaskiwin, Alta., born Toronto, Aug. 22, 1872.  
 C. Montgomery, Master Mechanic, Pere Marquette Ry., St. Thomas, Ont., born near London, Ont., Aug. 29, 1860.  
 W. E. Mullins, General Manager (Freight), United Fruit Co., New York, born at Stratford, Ont., Aug. 13, 1870.  
 W. G. Murrin, Assistant General Manager, British Columbia Electric Ry., Vancouver, B.C., born at Greenwich, Eng., Aug. 27, 1875.  
 F. H. Phippen, K.C., General Counsel, C.N.R., Toronto, born at Belleville, Ont., Aug. 26, 1862.  
 W. M. Porteous, District Freight Agent, C.P.R., St. Louis, Mo., born at Edinburgh, Scotland, Aug. 3, 1857.  
 W. G. Ross, President, Montreal Harbor Commissioners, born at Montreal, Aug. 6, 1873.  
 W. LeB. Ross, Local Treasurer, G.T. Pacific Ry., Winnipeg, born at Ottawa, Ont., Aug. 9, 1868.  
 F. C. Salter, European Traffic Manager, G.T.R., and Canadian Express Co., London, Eng., born at Sarnia, Ont., Aug. 31, 1863.  
 A. O. Seymour, General Tourist Agent, C.P.R., Montreal, born at Ogdensburg, N.Y., Aug. 14, 1887.  
 S. A. Simpson, Superintendent, Sleeping, Dining and Parlor Cars and News Service, C.P.R., Winnipeg, born at Toronto, Aug. 22, 1880.  
 J. F. Sweeting, Industrial Agent, Natural Resources Department, C.P.R., Calgary, Alta., born at Worthing, Eng., Aug. 20, 1872.  
 W. J. Sturges, acting Assistant Purchasing Agent, Grand Trunk Pacific Ry., Winnipeg, born at Fairfield, Vt., Aug. 28, 1877.  
 L. Tait, Secretary-Treasurer, London St. Ry., London, Ont., born at Hamilton, Ont., Aug. 9, 1882.  
 F. E. Warren, General Car Foreman, C.P.R., Winnipeg, born at Chelsea, Que., Aug. 29, 1872.  
 W. B. Way, Superintendent, District 2, Transcontinental Division, Canadian Government Railways, Cochrane, Ont., born at Bowmanville, Ont., Aug. 22, 1867.  
 H. E. Weyman, Master Mechanic, Levis County Ry., Levis, Que., born at Guildford, Eng., Aug. 27, 1883.

**Regina Spur Tracks.**—From time to time the Regina City Council built spur tracks to give connection to industrial and warehouse sites, charging the owners of these properties a rental. A subcommittee reported at a meeting of the Council, July 4, that the city's interest in the tracks was not being properly looked after. The committee learned that a number of rentals have not been collected for several years, arrears in some cases dating back six and seven years, and in some cases where property has exchanged hands several times, the city is at a loss to know who should be responsible for the payments. Just how much the arrears amount to and how much property is involved the committee did not learn and doubt is expressed whether the officials are in a position to say without some research the amount over due. The council instructed the subcommittee to prepare a statement of all the spur tracks.