

owns the Hereford Ry. in Quebec.

(18) The Pere Marquette Rd., a U.S. company, owns the Lake Erie and Detroit River Ry. (which operates under lease the Erie and Huron Ry.), and leases the London and Port Stanley Ry. It has trackage rights over 159.81 miles of other companies' lines.

(19) The Quebec Central Ry. has trackage rights over 5.00 miles of other companies' lines.

(20) The Quebec Ry., Light and Power Co. operates a steam railway service, as well as an electric one, over the old Quebec, Montmorency and Charlevoix Ry., on which there are 9.50 miles of second track. It has trackage rights over 3 miles of other companies' lines.

(21) The Timiskaming and Northern Ontario Ry. is owned by the Province of Ontario and is operated by a commission. The Province also owns the Nipissing Central Ry., an electric line, which is run in connection with the T. & N.O.R.

(22) The Temiscouta Ry. has trackage rights over 0.25 mile of another company's line.

(23) The Toronto, Hamilton and Buffalo Ry. has 1.16 miles of second track. It has trackage rights over 4.74 miles of another company's line.

(24) The Wabash Rd. does not own any tracks in Canada, but operates over G.T.R. tracks under a lease.

The total given in the mileage column varies from the total railway mileage given in the general section of the statistical report by 76.03 miles. This difference is accounted for as follows:—Alberta Southern Ry., 19 miles, reported abandoned; Bessemer and Barrys Bay Ry., 5 miles, not operated; Bruce Mines and Algoma Ry., 17.28 miles, not reported on; Carillon and Grenville Ry., 13 miles, not operated during the year; Lenore-Mount Sicker Ry. Vancouver Copper Co.), 12 miles, not reported on; Nosbonsing and Nipissing Ry., 5.50 miles, not reported on; Pontiac and Renfrew Ry., 4.25 miles, not reported on.

### Birthdays of Transportation Men in February.

Many happy returns of the day to:—

S. A. Baker, Canadian Freight and Passenger Agent, Chicago Great Western Rd., Toronto, born at Morrisburg, Ont., Feb. 1, 1877.

B. H. Bennett, General Agent, Chicago and North Western Ry., Toronto, born at Cobourg, Ont., Feb. 6, 1858.

F. L. C. Bond, Division Engineer, Eastern Lines, G.T.R., Montreal, born there Feb. 21, 1877.

C. H. Booth, Local Freight Agent, Midland Ry. of Manitoba, Winnipeg, born at Banff, Scotland, Feb. 16, 1882.

T. Britt, General Fuel Agent, C.P.R., Montreal, born there Feb. 3, 1871.

F. W. Churchill, C.P.R. ticket agent, Collingwood, Ont., born in London, Eng., Feb. 6, 1853.

H. R. Charlton, General Advertising Agent, G.T.R. and G.T.P.R., Montreal, born at St. Johns, Que., Feb. 9, 1866.

R. Colclough, Assistant to General Superintendent, Intercolonial Ry., Moncton, N.B., born at Bic, Que., Feb. 24, 1871.

F. W. Cooper, A.M. Can. Soc. C.E., Division Engineer, C.P.R., Montreal, born at London, Ont., Feb. 16, 1880.

R. Crawford, Northwest Agent, Northern Navigation Co., Winnipeg, Man., born at Kingston, Ont., Feb. 21, 1870.

R. W. Drew, Division Freight Agent, Kootenay and Boundary Divisions, C.P.R., Nelson, B.C., born at Kingston, Ont., Feb. 17, 1874.

E. A. Evans, M. Can. Soc. C.E., ex-

General Manager and Chief Engineer, Quebec Ry., Light and Power Co., Quebec, born at Kensington, London, England, Feb. 26, 1855.

L. O. Genest, General Storekeeper, Western Lines, C.P.R., Winnipeg, born at St. Henri, Levis County, Que., Feb. 16, 1856.

J. H. Guess, General Purchasing Agent, Grand Trunk Ry., Montreal, born at Raleigh, N.C., Feb. 5, 1878.

J. C. Holden, A.M. Can. Soc. C.E., Division Engineer, C.P.R., Winnipeg, born at St. John, N.B., Feb. 1876.

T. C. Hudson, Master Mechanic, C.N. Q.R. and Q. & L. St. J. Ry., Joliette, Que., born at Brockville, Ont., Feb. 20, 1873.

W. Jackson, C.P.R. Ticket Agent, Clinton, Ont., born there Feb. 4, 1860.

C. Gardiner Johnson, Lloyds' Agent for British Columbia, Vancouver, B.C., born at Dunblane, Scotland, Feb. 8, 1857.

R. S. Logan, Vice President, G.T.R., Montreal, born at St. Louis, Mo., Feb. 13, 1864.

G. L. McCrea, Local Freight Agent, C.P.R., Vancouver, B.C., born at Springtown, Ont., Feb. 9, 1876.

D. McDonald, Superintendent, Montreal and Ste. Flavie District, Intercolonial Ry., Levis, Que., born at Ste. Hyacinthe, Que., Feb. 28, 1862.

T. McNabb, ex-Master Mechanic, Alberta Ry. and Irrigation Co., now of Turin, Alta., born in Scotland, Feb. 16, 1849.

J. K. McNeillie, Superintendent, District 1, Eastern Division, C.P.R., Farnham, Que., born at Toronto, Feb. 23, 1874.

D. C. Macdonald, Division Freight Agent, C.P.R., Regina, Sask., born at Elmsdale, N.S., Feb. 9, 1874.

C. S. Maharg, Superintendent of Terminals, C.P.R., Calgary, Alta., born in Dufferin County, Ont., Feb. 4, 1867.

D. MacPherson, M. Can. Soc. C.E., Assistant to Chairman, National Transcontinental Ry. Commission, Ottawa, born at Bath, Ont., Feb. 2, 1858.

G. A. Montgomery, Superintendent, Algoma Central and Hudson Bay Ry., and Algoma Eastern Ry., Sault Ste. Marie, Ont., born at Bradford, Ont., Feb. 11, 1871.

A. Z. Mullins, Commercial Agent, G.T.R., Grand Rapids, Mich., born at Appin, Ont., Feb. 14, 1862.

M. G. Murphy, District Passenger Agent, C.P.R., Toronto, born at Halifax, N.S., Feb. 26, 1878.

G. J. O'Dowd, City Freight Agent, C.P.R., Quebec, born at Montreal, Feb. 4, 1874.

J. E. Proctor, District Passenger Agent, C.P.R., Regina, Sask., born at Sarnia, Ont., Feb. 17, 1878.

A. H. Robinson, Superintendent, Elgin and Havelock Ry., Havelock, N.B., born at Fflein, N.B., Feb. 2, 1862.

J. E. Robitaille, Comptroller, Ha Ha Bay Ry., Chicoutimi, Que., born at Quebec, Feb. 17, 1870.

A. E. Rosevear, Assistant to Vice President, G.T.R., Montreal, born Feb. 20, 1863.

H. H. Schaefer, Division Freight Agent, Intercolonial Ry., St. John, N.B., born at Cologne, Germany, Feb. 10, 1848.

J. G. Scott, ex-General Manager, Quebec and Lake St. John Ry., Quebec, born there Feb. 13, 1847.

J. J. Scully, General Superintendent, Lake Superior Division, C.P.R., North Bay, Ont., born at Montreal, Feb. 3, 1872.

G. Spencer, Superintendent, C.P.R., Sudbury, Ont., born in London, Eng., Feb. 21, 1865.

H. E. Suckling, Treasurer, C.P.R., Montreal, born at Gibraltar, Feb. 27, 1851.

Hugh Sutherland, Executive Agent, Canadian Northern Ry., Winnipeg, Man., born at New London, P.E.I., Feb. 22, 1845.

Sir Wm. C. VanHorne, K.C.M.G., Director, C.P.R., and President, Cuba Co., Montreal, born in Will County, Ill., Feb. 3, 1843.

F. L. Wanklyn, M. Can. Soc. C.E., General Executive Assistant, C.P.R., Montreal, born at Buenos Ayres, Feb. 25, 1860.

### Canadian Northern Railway Earnings, Etc.

Gross earnings, working expenses, net earnings, increases, or decreases, compared with those for 1911-12, from July 1, 1912:—

	Gross Earnings	Expenses	Net Earnings	Increase
July	\$1,829,700	\$1,335,100	\$494,600	\$133,000
Aug.	1,745,800	1,375,000	370,800	56,100
Sept.	1,671,500	1,248,000	423,500	4,100
Oct.	2,351,200	1,645,900	705,300	24,900
Nov.	2,509,700	1,631,900	877,800	212,900
	\$10,107,900	\$7,235,900	\$2,872,000	\$430,700
Incr.	\$1,604,600	\$1,173,900	\$ 430,700	.....

Approximate gross earnings for Dec., \$2,131,700, against \$1,831,400 for Dec., 1911. The mileage in operation at Nov. 30 was 4,297.

### Canadian Pacific Railway Earnings, Etc.

Gross earnings, working expenses, net earnings, increases or decreases, compared with those for 1911-12, from July 1, 1912:—

	Gross Earnings	Expenses	Net Earnings	Increase
July	\$12,052,398.58	\$7,604,221.68	\$4,448,176.90	\$745,148.57
Aug.	12,251,715.87	7,533,790.21	4,717,925.66	642,354.65
Sept.	11,579,733.98	7,329,430.13	4,250,303.85	332,857.05
Oct.	13,060,397.80	7,999,510.61	5,060,887.19	379,782.44
Nov.	12,362,666.42	8,104,527.38	4,258,139.04	270,772.55
	\$61,306,912.65	\$38,571,480.01	\$22,735,432.64	\$2,701,915.26
nc.	\$9,395,418.3	\$7,024,503.07	\$2,370,915.26	.....

Approximate gross earnings for Dec., \$12,108,000, against \$10,568,000 for Dec., 1911. Commencing with Jan. 1, the mileage in operation was increased to 11,458.

### Grand Trunk Railway Earnings, Etc.

The following figures show the earnings and expenses of the G.T.R., C.A.R., G.T. Western Ry. and D.G.H. & M.R. for Nov., 1912, as compared with those for Nov., 1911:—

Grand Trunk Railway.			
	1912.	1911.	
Earnings .....	\$3,534,500	\$3,152,800	
Expenses .....	2,820,800	2,489,200	
	\$ 713,700	\$ 663,600	
Canada Atlantic Railway.			
	1912.	1911.	
Earnings .....	\$223,500	\$188,100	
Expenses .....	211,400	163,800	
	\$ 12,100	\$ 24,300	
Grand Trunk Western Railway.			
	1912.	1911.	
Earnings .....	\$621,000	\$534,200	
Expenses .....	523,800	424,600	
	\$97,200	\$109,600	
Detroit, Grand Haven and Milwaukee Ry.			
	1912.	1911.	
Earnings .....	\$243,400	\$226,000	
Expenses .....	197,600	160,000	
	\$ 45,800	\$66,000	

### TRAFFIC RECEIPTS OF THE SYSTEM

Aggregate from July 1 to December 31:—

	1912	1911	Increase
G.T.R. ....	\$22,408,122	\$20,129,268	\$2,278,854
C.A.R. ....	1,271,732	1,095,906	175,826
G.T.W.R. ....	3,745,760	3,428,738	317,022
D.G.H. & M.R. ....	1,329,057	1,231,301	97,756
Totals .....	\$28,754,671	\$25,885,213	\$2,869,458

**The Largest Individual Bridge Contract** placed in Great Britain since that for the Forth Bridge has recently been secured by British firms in competition with those of Belgium, Germany and the United States. This contract comprises all the steel work for the railway and highway bridge to carry the Eastern Bengal State Ry. across the Lower Ganges, between Damukdea and Tera Ghat, India. The bridge, exclusive of approaches, comprises 15 main spans, each 359 ft. long and 52 ft. deep. These spans will carry two broad gauge railway tracks and a footwalk supported on cantilevers from the main girders. The pier foundations for the main spans are carried to a depth of 150 ft. below the bed of the Ganges to guard against the deep scour of the river. The entire project involves an expenditure of about \$6,000,000.