

## Birthdays of Transportation Men in April.

Many happy returns of the day to:—  
 F. G. Adams, Commercial Agent, G.T.R., and Division Freight Agent, Grand Trunk Pacific Ry., Winnipeg, born at St. John's, Nfld., Apr. 6, 1878.  
 W. H. Ardley, Comptroller, G.T.R., and Grand Trunk Pacific Ry., Montreal, born at London, Eng., Apr. 24, 1858.  
 Jas. Black, Freight Claim Agent, C.P.R., Vancouver, B.C., born near Seaforth, Ont., Apr. 19, 1858.  
 C. G. Bowker, General Superintendent Eastern Lines, G.T.R., Montreal, born at Medford, N.J., Apr. 21, 1871.  
 G. C. Briegs, Supervisor of Buildings, Eastern Lines, Canadian Northern Ry., Toronto, born at Cockermouth, Eng., Apr. 23, 1886.  
 A. V. Collins, Travelling Auditor, Canada Steamship Lines, Ltd., Toronto, born at Island Pond, Vt., Apr. 21, 1868.  
 R. J. Collins, Chief Dispatcher, Edmonton Division, Alberta District, C.P.R., Edmonton, born at Winnipeg, Apr. 30, 1883.

G.T.R., Montreal, born at Uxbridge, Ont., Apr. 22, 1866.  
 G. W. Lee, Commissioner, Timiskaming & Northern Ontario Ry., North Bay, Ont., born at Renfrew, Ont., Apr. 15, 1871.  
 J. D. McMillan, acting Superintendent, Belleville Division, Ontario Lines, G.T.R., Belleville, born in Eldon Tp., Ont., Apr. 5, 1858.  
 J. A. Macgregor, Superintendent, Edmonton Division, Alberta District, C.P.R., Edmonton, born at Dufftown, Scotland, Apr. 5, 1873.  
 B. R. Marsales, District Freight Agent, Canadian Northern Ry., Calgary, Alta., born at Guelph, Ont., Apr. 13, 1887.  
 P. Mooney, General Freight and Passenger Agent, Halifax & South Western Ry., Halifax, N.S., born at St. Catharines, Que., Apr. 19, 1871.  
 Paul J. Myler, President, Canadian Westinghouse Co., Ltd., Hamilton, Ont., born at Pittsburg, Pa., Apr. 24, 1869.  
 J. H. Norton, Division Freight Agent,

E. W. Smith, Superintendent, Dining and Parlor Car Service, G.T.R., Toronto, born at North Bridge, Mass., Apr. 21, 1869.

David A. Starr, M.I.E.E., General Manager, Clyde Valley Electrical Power Co., Glasgow, Scotland, born at Halifax, N.S., Apr. 11, 1858.

D. F. Thomas, ex-General Manager, Algoma Eastern Ry., now at Sault Ste-Marie, Mich., born in Halton County, Ont., Apr. 20, 1867.

W. S. Tilston, Chief of Montreal Board of Trade Transportation Bureau, born at Manchester, Eng., Apr. 14, 1877.

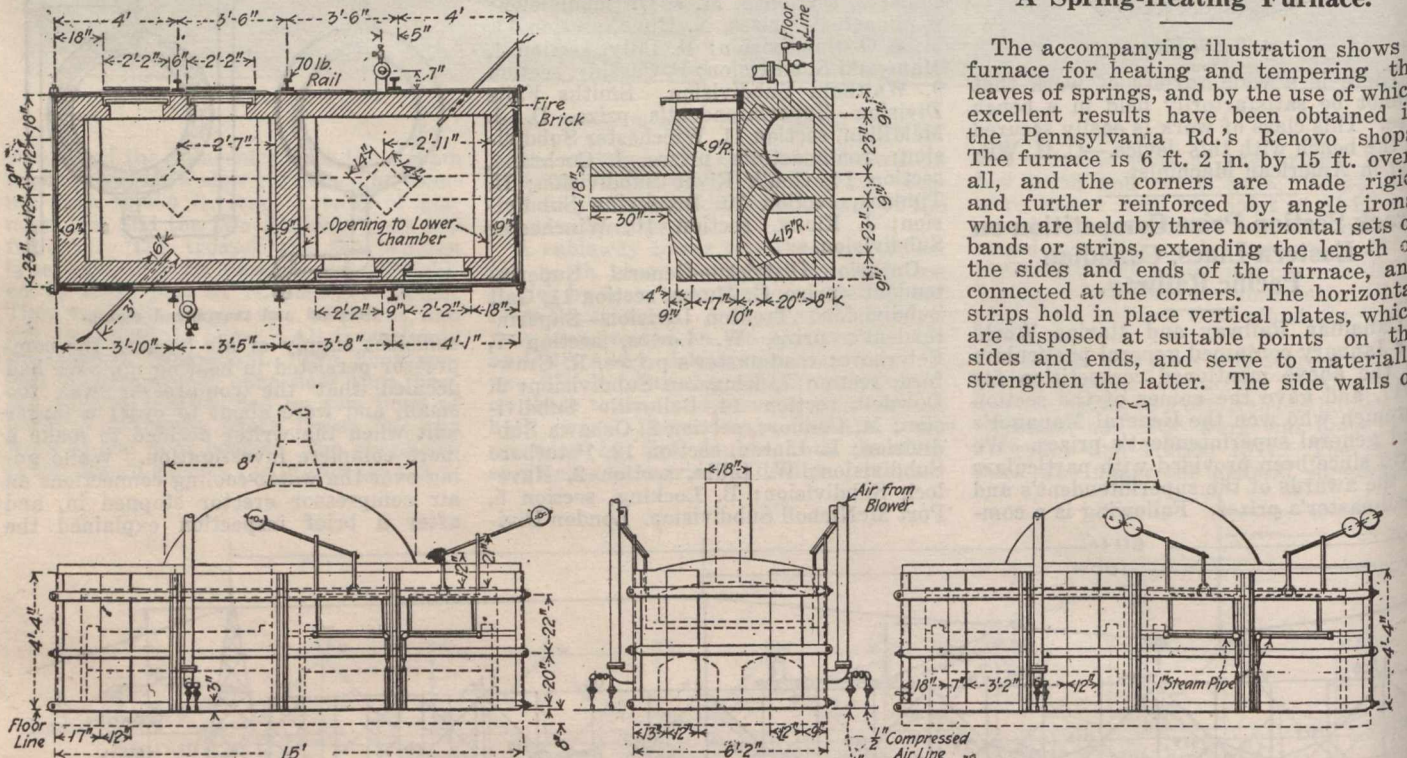
C. H. Towle, Assistant Superintendent, Brownville Division, New Brunswick District, C.P.R., Brownville Jct., Me., born at Enfield, Me., Apr. 13, 1878.

E. D. Toye, ex-Storekeeper, Ontario Division, Canadian Northern Ry., Trenton, born at Dalston, Ont., Apr. 27, 1891, now on active service overseas.

W. Woollatt, Vice President and General Manager, Essex Terminal Ry., Walkerville, Ont., born at Weedon, Hertfordshire, Eng., Apr. 2, 1855.

### A Spring-Heating Furnace.

The accompanying illustration shows a furnace for heating and tempering the leaves of springs, and by the use of which excellent results have been obtained in the Pennsylvania Rd.'s Renovo shops. The furnace is 6 ft. 2 in. by 15 ft. overall, and the corners are made rigid, and further reinforced by angle irons, which are held by three horizontal sets of bands or strips, extending the length of the sides and ends of the furnace, and connected at the corners. The horizontal strips hold in place vertical plates, which are disposed at suitable points on the sides and ends, and serve to materially strengthen the latter. The side walls of



Kettle Rapids Bridge. South half under construction.

Sir Henry L. Drayton, K.C., Chief Railway Commissioner for Canada, Ottawa, Ont., born at Kingston, Ont., Apr. 27, 1869.  
 W. A. Duff, M.Can.Soc.C.E., Assistant Chief Engineer, Canadian Government Railways, Moncton, N.B., born at Hamilton, Ont., Apr. 20, 1877.  
 A. Gaboury, Superintendent, Montreal Tramways Co., Montreal, born there, Apr. 6, 1875.  
 B. C. Gesner, Moncton, N.B., formerly Air Brake Inspector, I.R.C., now Eastern Sales Agent, Galena Signal Oil Co., born at Cornwallis, N.S., April 23, 1859.  
 J. Murray Gibbon, General Publicity Agent, C.P.R., Montreal, born at Ude-wella, Ceylon, Apr. 12, 1875.  
 V. A. Harshaw, Manager, Fredericton & Grand Lake Coal & Ry. Co., and New Brunswick Coal & Ry. Co., Fredericton, N.B., born at Mono, Ont., Apr. 26, 1865.  
 J. H. Johnston, Superintendent of Bridges and Buildings, Eastern Lines,

Canadian Government Railways, Halifax, N.S., born at Shaftesbury, Eng., Apr. 21, 1884.  
 G. D. Perry, General Manager, Great North Western Telegraph Co., Toronto, born at Whitby, Ont., Apr. 19, 1858.  
 R. A. Pyne, Superintendent of Motive Power and Car Department, Eastern Lines, C.P.R., Montreal, born at Toronto, Apr. 10, 1874.  
 Lieut. R. S. Richardson, formerly Superintendent, District 3, Transcontinental Division, Canadian Government Railways, Fort William, Ont., now of No. 13 Light Railway Company, Royal Engineers, British Expeditionary Force, born at Napanee, Ont., Apr. 9, 1865.  
 F. Rioux, Assistant to President, Reid Newfoundland Co., St. John's, Nfld., born at Trois Pistoles, Que., April 18, 1867, now on active service overseas.  
 W. A. Ritchie, District Superintendent, Pullman Co., Montreal, born at Edinburgh, Scotland, Apr. 13, 1854.

the furnace are further reinforced by the use of 70 lb. steel rails, vertically located at required intervals.  
 Large pipes for supplying air from the blower enter the sides of the furnace in a straight line, as this has been found more satisfactory than when the pipes are led in on an angle. The furnace can be supplied with air from the compressed air system, by means of a connection entering at the same point as the fuel oil. This arrangement is made to provide against a possible breakdown of the blower system. The blower pipe line is 3 in., and the oil and compressed air lines, each 1/2 in.  
 The doors of the compartments, of which there are two on each side and at opposite ends of the furnace, are raised and lowered by pivoted levers having ball weights, and which hold the doors in an open position when raised. Each of the compartments is equipped with an electrical pyrometer.