

lands of W. J. Crossen and J. G. Field's estate.

16898. June 27.—Authorizing C.P.R. to build spur for N.K. Fairbank, Co., Lasalle, Que.

16899. June 28.—Authorizing South Ontario Pacific Ry. (C.P.R.) to open for traffic its line from Guelph Jct., to Hamilton, mileage 0 to 16.3.

16900. June 27.—General order re matter of indicating changes in freight, passenger and express tariffs. This is given in full on another page.

16901. June 28.—Authorizing G.T.R. to build spur for Congregation of Grey Nuns, St. Laurent parish, Que.

16902. June 27.—Approving proposed change in G.T.R. siding track on Charles St., Berlin, Ont.

16903. June 27.—Authorizing G.T.R. to build spur for A. E. Rogerson, Toronto.

16904. June 26.—Authorizing C.N. Ontario Ry. to build across public road in Ross tp.

16905. June 28.—Approving Canadian Northern Branch Lines Co. location through tps. 30-34, r. 4, w. 2 m., Sask.

16906. June 28.—Approving revised location of Kettle Valley Ry. from station 0 to 53+07.6, west of Penticton, B.C.

16907. June 27.—Approving clearances of Canada Malting Co.'s grain unloading shed on C.P.R. and Great Northern Ry. at Winnipeg.

16908. June 26.—Authorizing Vancouver, Victoria and Eastern Ry. to build highway crossing for B.C. government at Ashnola siding, B.C.

16909. June 26.—Authorizing Esquimalt and Nanaimo Ry. to build highway crossing between 2nd and 3rd Sts., Duncan, B.C., at expense of city.

16910. June 28.—Authorizing city of Hamilton, Ont., to build subway under G.T.R. at Birch Ave., near Sherman Inlet.

16911, 16912. June 28.—Authorizing Campbellford, Lake Ontario and Western Ry. (C.P.R.) to cross eight highways between mileage 130.78 and 144.00, Hope tp., approving location from mileage 94 to 97 and authorizing it to take G.T.R. lands.

16913. June 27.—Authorizing Alberta Ry. and Irrigation Co. (C.P.R.) to cross 39 highways and approving location of Stirling branch from mileage 0 to 37.14, Alta.

16914. June 28.—Rescinding order 2049, May 2, 1907, re C.P.R. bridges over Assiniboine river, at St. James and Headlingly, Man.; bridges to be opened for navigation on four hours notice to District Superintendent.

16915. June 28.—Authorizing C.P.R. to use six bridges on its Sault subdivision and Timiskaming branch, Lake Superior Division.

16916. June 27.—Amending order 16686, June 7, re spur for F. H. Wiley, Winnipeg.

16917. June 28.—Authorizing C.P.R. to build spur for E. Steel, west Hawkesbury, tp., Ont.

16918. June 27.—Authorizing C.P.R. to open for traffic its second track from Moose Jaw mileage 0.6 to Caron, mileage 16.2, Sask.

16919. June 28.—Authorizing C.P.R. to build spur for Canada Lumber Co., Weston, Ont.

16920, 16921. June 26.—Authorizing Georgian Bay and Seaboard Ry. (C.P.R.) and G.T.R. to operate over crossing at mileage 50.5 from Port McNicoll; and G.B. & S.R. (C.P.R.), and James Bay Ry. (C.N.R.), over crossing at Brechin, Ont., on account of interlocker being completed.

16922. June 28.—Temporarily approving G. T. Pacific Ry. C.R.C. 10, Standard Freight Mileage Tariff to supersede C.R.C. 7.

16923. July 2.—Authorizing Algoma Central and Hudson Bay Ry. to open for traffic its line between mileage 85 and 93, north of Sault Ste. Marie, Ont.

16924. July 2.—Authorizing Canadian Copper Co., and Algoma Eastern Ry. to operate over crossing in McKim, tp., half-interlocker being completed.

16925. July 2.—Authorizing C.N. Pacific Ry. and C.P.R. to operate over crossing on C.P.R. Mission Branch, B.C., interlocker being completed.

16926. July 2.—Approving Canadian Northern Ry. location through tps. 24-22, r. 1, w. 5 m., and r. 29, w. 4 m., Alta., mileage 0 to 13.21.

16927. June 29.—Authorizing Campbellford, Lake Ontario and Western Ry. (C.P.R.), to cross four highways and divert highways between mileage 165.46 and 165.96, Ont.

16928. July 2.—Authorizing C.P.R. to build additional track across Queen St. Port Moody, B.C.

16929. July 2.—Authorizing C.P.R. to build its Moose Jaw southwesterly branch across highway at mileage 29.75.

16930. June 29.—Authorizing G.T. Pacific Ry. to build spur to Union Stock Yards, St. Boniface, Man., crossing of Canadian Northern Ry. to be protected by interlocker.

16931. July 5.—Extending to Aug. 1, time for putting into effect order 16479, May 10, re classification of gramophones, etc.

16932. July 4.—Authorizing C.P.R. to open for traffic its Moose Jaw Southwesterly

branch, from mileage 27.4 to 35; trains limited to 15 miles an hour.

16933 to 16935. June 29.—Authorizing Edmonton, Dunvegan and British Columbia Ry. to cross five highways in Alberta; and approving its revised location through tp 55, r. 25, w. 4 m., and authorizing it to cross highway between secs. 33 and 34.

16936. June 28.—Ordering G.T.R. to install improved type of electric bell at two crossings in Corinth, Ont., 20% to be paid from railway grade crossing fund.

16937. June 29.—Approving Kettle Valley Ry. location, from Penticton to Coldwater, B.C., (sec. A).

16938. July 6.—Approving Alberta Interurban Ry. location through sec. 13, tp. 24, r. 1, w. 5 m., mileage 1.25 to 2.28, Calgary, Alta.

16939. July 4.—Ordering that Vancouver, Fraser Valley and Southern Ry. (B.C.E.R.), be subject to penalty of \$25 a day after July 10, it shall be in default of requirements of order 16225, Apr. 3, re filing tariffs.

16940, 16941. June 29, July 2.—Authorizing C.N. Ontario Ry. to cross two public roads in Westmeath tp.

16942. June 29.—Amending order 16653, May 31, re building of subway under G.T.R. at Sherman Inlet, by City of Hamilton, Ont.

16943. June 27.—Approving changes in G.T.R. bridges over public road in Tay, tp., Ont.

16944, 16945. July 3.—Authorizing G.T.R. to build spurs for Meaford Brick Co., con. 1, St. Vincent tp., Ont., and Alabastine Hard-mortar Co., Toronto.

16946, 16947. July 5.—Approving G.T.R. plans for bridges 189 and 77 on its Northern and Ottawa Divisions; and three and two bridges on its 12th and 15th districts.

16948, 16949. June 29.—Authorizing Campbellford, Lake Ontario and Western Ry. (C.P.R.), to build across two highways in Newcastle, and Hope tp., Ont.

16950, 16951, July 5, 4.—Authorizing C.P.R. to rebuild two bridges on its Wingham and Emerson subdivisions, and to build two bridges on Campbellford, Lake Ontario and Western Ry., mileage 180.57 and 0.91, Ont.

16952 to 16954. July 4, June 6, 3.—Extending to July 31, time for completion of electric bells by C.P.R. at Coldwater Jct., Ont., as required by order 15950, Feb. 8; to Aug. 31 for building spur at Wolverton, Ont., required by order 16287, Apr. 11; and to Dec. 31, for completion of spur at Emerson, Man., required by order 13302, Mar. 23, 1911.

16955. May 31.—Relieving C.P.R. from erecting fences on portions of its Eastern and Lake Superior Divisions.

16956 to 16960. July 5.—Authorizing C.P.R. to build spurs for Canada Cement Co., under lease to Revelstoke Saw Mill Co., Calgary Jct. Alta.; O. Lemire, St. Henri de Mascouche parish, Que.; G. Pigott & Co., York tp. Ont.; Ogilvie Flour Mills Co., Medicine Hat, Alta., and G. P. Sherwood & Co., Montreal.

16961. July 4.—Authorizing C.P.R. to expropriate land for Windsor St. terminals, Montreal.

16962. July 3.—Ordering G.T.R. to build farm crossing for E. N. Richards and G. H. Bennet, Windsor, Ont., on farm lot 102, con. 1, Sandwich East tp., Ont.

16963. July 5.—Relieving G.T.R. from further protecting crossing just east of milepost 8, near Transcona, Man.

16964. July 10.—Extending to Jan. 1, 1913, time for completion of spur by Esquimalt and Nanaimo Ry., authorized by order 15626, Dec. 14, 1911.

16965. July 5.—Relieving C.P.R. from further protecting crossing just west of mileage 123, Portal subdivision, Sask.

Samuel Price, K.C., of St. Thomas, Ont. is reported to have been appointed to revise and consolidate the Dominion Railway Act.

The National Steel Car Co., Ltd., has been incorporated under the Dominion Companies Act with an authorized capital of \$6,000,000, consisting of \$3,000,000 of 7% cumulative preferred shares and \$3,000,000 ordinary shares. It is stated that the present issue of \$1,500,000 preference shares and \$2,000,000 of ordinary shares have been subscribed. The head office will be in Montreal, and the works at Hamilton, Ont., the directors being Sir John Gibson, W. Southam, and J. J. Scott, of Hamilton; Sir Henry M. Pellatt, Toronto; W. G. Ross, C. H. Cahan, M. Davis, and B. Magor, Montreal; W. B. Parsons, W. K. Brice, and M. H. Coggeshall, New York City. The company will be under the management of Basil Magor, at one time in the service of the Dominion Car and Foundry Co., of Montreal, and latterly connected with the Magor Car Co., of Passaic, N.J.

Canadian Northern Railway's Perpetual Consolidated Debenture Stock Issue.

The C.N.R. Co. issued a prospectus in London, Eng., recently of \$1,438,356 (\$7,000,000) 4% perpetual consolidated debenture stock at 95.

The trust deed provides that the total amount of debenture stock shall not exceed \$2,000 a mile of line operated, and an amount not exceeding the cost price of securities of independent corporations deposited with the trustees. The debenture stock is secured by a general charge upon the undertaking, property and assets (other than land and money subsidies) of the company, subject to \$1,180,600 of bonds primarily charged on the Ontario Division (287 miles), and to charges created, or to be created, not exceeding \$10,000 a mile of line (other than the above mentioned 287 miles of line in Ontario) or \$15,000 per mile if guaranteed by the Dominion Parliament, or any of the provinces, and is a specific first mortgage upon certain securities deposited with the trustees.

The proceeds of the present issue are required in anticipation of a great increase in business on the opening of the through transcontinental service, for the initial acquisition, construction or extension and equipment by the Canadian Northern System Terminals Ltd., of certain terminal and hotel facilities at important central points on the system including Quebec, Montreal, Ottawa, Toronto, Hamilton, Sudbury, Port Arthur, Winnipeg, Brandon, Regina, and Calgary. These terminal and hotel properties are, or as acquired will be, vested in the C. N. System Terminals, Ltd., but will be used by the C.N.R. under permanent lease or agreement. The C. N. System Terminals, Ltd., has created first mortgage securities to the extent of \$7,000,000, which it has sold to the C.N.R. Co., and which have been deposited with the trustees for the debenture stock. The present issue of debenture stock is being made against these securities. It is expected that through trains will be running from Quebec to Vancouver early in the spring of 1914.

The C.N.R. is operating 4,100 miles, which include 644 miles of leased lines. In addition, about 500 miles of new branch lines have been completed and will shortly be opened for traffic, and over 500 miles more are under construction, a large proportion of which will be completed this year.

The Quebec Bridge Construction.

The principal work in progress on the site of the bridge across the St. Lawrence River near Quebec, is the sinking of the caisson for the south main pier. The dimensions of the caisson are 55 by 180 ft. by 40 ft. in height. It has been sunk to a depth of 21 ft. under ordinary high-water, and 4 ft. in the river bed under ordinary low water. It is expected that the caisson will have to be sunk to a depth of about 70 ft. before an absolutely safe foundation for the pier will have been reached. Three hundred men have been employed in three shifts under a five pound air pressure in the caisson, but as the depth increases, the number of men employed will be increased, and the period of working in the caisson will be shortened. There are in addition, about 300 men employed outside the caisson. It is expected that the caisson will be sunk to a proper depth and the pier erected by the fall. The masonry work on the other piers is being progressed with and it is expected to have everything completed by the fall, for the erection of the superstructure. The contractors for the substructure are M. P. and J. T. Davis, Quebec. (Sept. 1911, p. 831.)