Meridian, Alberta, mileage 212.83 to mileage 257.32, reckoned from junction with the main line at Vegreville. 11989—October 13—Authorizing the G.T.R. Company to remove that portion of its siding, known as Sylvester's Siding, on Victoria Avenue, south of Kent Street, Lindsay, Ont., for a distance of sixty-six feet from the said Kent Street

11900-October 17-Authorizing the C.N.R. Company to construct a branch line of railway through Townships 24 and 25, Range 15, west of Principal Meridian, Manitoba, mile o to mile 6, reckoned from the junction with the Ochre River Branch, and to cross the highways within such mileage.

11991-October 13-Directing that, upon payment by Henry Pratt, of Barrie, Ont., to the G.T.R. Company of the sum of \$30, the company pro-vide and construct suitable farm crossing where its railway intersects Henry Pratt's farm, in west half of Lot 6, Concession 7, Township Vespra, County Simcoe

11992-October 18-Authorizing the Essex Terminal Railway Company and the Lake Erie & Detroit River Railway Company to operate their trains over the crossing of the E. T. Railway Company's tracks with the tracks of the Lake Erie & Detroit River Railway Company, at Walkerville, Ont.

Ont. 11993—October 18—Approving the location of the C.P.R. Company's line of railway from the International Boundary at mileage o, to town of Manscnville, mile 3.54. Quebec. 11994—October 18—Authorizing the C.P.R. Company to open for the carriage of traffic that portion of its line of railway, known as the Virden-MacAuley Branch, mile 0.0 to mile 14. 11995—October 17—Authorizing the G.T.R. to construct an extension of the branch line of railway which it was authorized to construct by Order No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 1064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 103, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 104, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 104, No. 11064, 5th July, 19to, from a point on the Canal Lands on Lot 104, No. 10064, 5th July, 19to, fro

Concession I, to Lot No. 8, Concession 2, Township of Gwillimbury, County York, Ontario. 11996-October 17-Authorizing the C.P.R. Company to construct an industrial spur for John Stewart & Company, Westmount, Quebec. 11997-October 17-Authorizing the C.P.R. Company to construct an industrial spur for M. Rumely Company, Regina, Sask. 11998-October 17-Authorizing the Hydro-Electric Power Commission of Railway Company at Lot 3, Concession 9, Township of Elgrin, Ontario. Railway Company at Lot 3, Concession 9, Township of Elgrin, Ontario. Railway Company at Lot 3, Concession 9, Township of Elgrin, Ontario. Railway Company at Lot 3, Concession 9, Township of Elgrin, Ontario. Railway Company at Lot 3, Concession 1, Township of Waterloo, Telegraph at Junction of Galt & Hespeler Lines, Township of Waterloo, Telegraph at Junction of Galt & Hespeler Lines, Township of Waterloo, Middlesex, Ontario. 12001-October 8-Authorizing the corporation of the town of Amprior to lay a sewer under the track of the C.P.R. Company at Vancortland Street, Amprior, Ont. 12002-October 18-Authorizing the corporation of the town of Joliette, U.e., to lay a sewer under the track of the C.N.Q. Railway Company at St. Charles-Borromee Street, Joliette. 12003-4-October 18-Authorizing the corporation of the city of Toronto to lay a sewer under the C.P.R. at Dovercourt Road and Dufferin Street, 12005-October 18-Authorizing the municipal corporation of town of

to lay a sewer under the C.P.R. at Dovercourt Road and Car Toronto, Ont. 12005-October 18-Authorizing the municipal corporation of town of Arnprior to lay a sewer under the track of the G.T.R. Company at Van-cort'and Street, Arnprior, Ont. 12005-October 18-Approving revised location of the C.N.O.R. from Deseronto to Shanonoville, through Townships of Tyendinga and Thurlow, mile o to mile 1261, Province of Ontario. 12007-October 18-Anthorizing the G.T.P. Railway Company to cross 12007-October 18-Anthorizing the G.T.P. Railway Company to cross west 3rd Meridian, District of Saskatchewan, Province of Saskatchewan. west 3rd Meridian, District of Saskatchewan, Province of Saskatchewan, 12008-October 18-Anthorizing the C.N.R. Company to construct its 12008-October 18-Anthorizing the C.N.R. Company to construct its

Meridian. 12009—October 18—Authorizing the C.N.R. Company to construct its railway across thirty-three highways west of Fourth Meridian. 12010—October 18—Authorizing the C.P.R. Company to construct a bridge over the North Saskatchewan River, at Edmonton, Alberta. 12011—October 18—Amending Order No. 11435, dated August 22nd, 100, 12011—October 18—Amending Order No. 11435, dated August 22nd, 100, 12012—October 18—Amending Order No. 11435, dated August 22nd, 100, 12013—October 18—Amending Carbon Manufacturing Company, by Wav upon premises of the National Carbon Manufacturing Company, where striking out the words, "National Carbon Manufacturing Company, where they occur in said Order, and substituting therefor the words, "Canadian National Carbon Company, Limited." 12012—September 24—Authorizing the C.N.R. Company to construct an industrial spur across Mulvey Avenue and Fleet Avenue, to a point in Block 10, in Winnipeg, Manitoba. 12013—October 12—Directing the G.T.R. Company to erect standard Pathor

¹²⁰¹³—October 12—Directing the G.T.R. Company to erect standard Rates at John Street crossing, Aylmer, Ont., similar to those provided at Jamieson Avenue, Parkdale, Toronto, to be operated between 7 a.m. and 7 p.m., daily, with a watchman.

12014-October 18-Approving the Lequimalt & Nanaimo Railway Com-pany's Standard Passenger Tariff, C. R. C. No. 20, applying a rate of four cents per mile on the new Wellington-Cameron Lake Extension of its line of railway.

12015-October 19-Dismissing application of Thos. Brooks, of Ottawa, Ontario, re rate on bark between Low and Chelsea, Que., and Kingston, Ontario.

12016-October 19-Recommending to the Governor-in-Council for sanction by-law of the Montreal Terminal Railway Company. 12017-October 19-Authorizing Joseph Thomas to lay a water pipe under the G.T.R. on Lot 6, Concession Front, Township of Dover, County Kent, Ontario

¹²⁰¹⁸—October 12—Directing the G.T.R. Company to provide protectio at the crossing of its railway at Iosephine Street, Wingham, Ontario, b appointing a watchman to be on duty between 6 a.m. and 7 p.m., daily.

^{12019—October 19—Authorizing the C.P.R. Company to open for the carriage of traffic portion of its line known as the Pheasant Hills Branch from mile 430.39 to mile 561.63, between Wilkie, Sask., and Hardisty, Man., and rescinding Order No. 10217, dated April 18th, 1910.}

DISPOSAL SEWAGE

BY LEONARD P. KINNICUTT

Director Department of Chemistry, and Professor of Sanitary Chemistry in the Worcester Polytechnic Institute, late Consulting Chemist of the Sewage Commission, State of Connecticut.

C.-E. A. WINSLOW

Assistant Professor of Biology and Biologist-in-Charge of the Sanitary Research Laboratory and Sewage Experiment Station of the Massachusetts Institute of Technology:

AND

R. WINTHROP PRATT

Chief Engineer of the Ohio State Board of Health late Director of Sanitary Engineering of the Republic of Cuba.

CONTENTS

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