

CURRENT NEWS.

Brantford, Ont.—The municipal council will secure information with a view of reducing the damage caused by the recent flood. A plan of co-operation with other municipalities along the Grand River for the erection of storage facilities to prevent flooding is being considered.

Moose Jaw, Sask.—What might be considered a record in building construction has been performed in this city. The Robin Hood Mills were in operation after less than three weeks construction. The building is a seven story structure, 54 × 112.

Regina, Sask.—The municipal board of trade are taking steps to interest local business men in a large coal district in this vicinity. Mr. G. S. Porter, Regina, is interested in the project.

PATENTS.

The following is a list of patents recently granted to inventors in Canada. The list is furnished by Messrs. Featherstonhaugh & Co., Royal Bank Building, Toronto:—G. F. Brown, capstans; G. E. Goldstein, process of seasoning cigars; N. P. F. Death, illuminated signs; A. Hutchings, acetylene gas generating machines; G. Low, jr., push button electric switches; A. J. Lavoie, internal combustion engines; T. G. McGonigle, rotary engines; H. J. S. Martin, universal joints for fluid pipes; W. D. Seale, street indicators; T. M. Stewart, valves; A. B. Surarus, street indicators; A. Warrell, asbestos packing; J. Wright, lanterns.

THE AUSTRALIAN TRANSCONTINENTAL RAILWAY.

The government of this country will undertake the construction of this great work without the assistance of a contractor

British manufacturers of railway material will probably receive a considerable preference in all iron goods, and makers supplying internal combustion engines should obtain ample opportunities of demonstrating their ability to compete on favorable terms with American enterprises. Tenders are now being invited (in London and Australia only) for 135,000 tons of steel rails. They must reach the high commissioner's office in London by 2 p.m. on May 29.

About 2,000 men will be engaged on the work, 1,000 starting at each end. The two parties will meet in the middle of the route in a desert and will have to be supplied with water at enormous cost. The gangs will need to be accompanied by camel commissariat corps, and will for many months encounter grave risks. The line is to be 1,070 miles long, and in the opinion of Mr. King O'Malley, the Labor minister for home affairs, is the longest that has been ever undertaken as one job.

Within five years, Regina, Moose Jaw, and all the municipalities within the Soo Line district to Weyburn will be securing water in the Saskatchewan River by means of the Government system. Such was the prediction of Mr. T. Aird Murray, Toronto, consulting engineer, who is at present engaged by the Saskatchewan Government in connection with the proposed system of water distribution from the Saskatchewan River. The minimum daily flow of the Saskatchewan River is 1,800,000,000 gallons of water, and of that quantity all that will be required to serve the purposes planned by the Government will be 300,000,000 daily.

ORDERS OF THE RAILWAY COMMISSIONERS OF CANADA.

Each week on this page may be found summaries of orders passed by the Board of Railway Commissioners, to date. This will facilitate ready reference and easy filing. Copies of these orders may be secured from The Canadian Engineer for small fee.

- 16304—April 11—Directing C.P.R. to construct a station and appoint an agent at St. Francois de Salle, Que., and to file plans within 30 days showing side track.
- 16305—April 12—Directing C.P.R. on or before May 1st, 1912, to make Winchester, Ont., regular stop for trains 21 and 22.
- 16306—April 12—Naming express collection and delivery limits for town of Chapeau, Ontario.
- 16307—February 15—Approving C.N.O. Railway branch line to Bond St., and spur line into William St., Oshawa, Ontario.
- 16308—April 15—Granting certificate of correction to G.T.P. B.L. Co., correction location plan Regina Boundary Branch.
- 16309-10—April 13—Authorizing C.P.R. to reconstruct bridge No. 24-5 on its Macleod Subdivision and bridges 33-9 and 103-9 on its Edmonton and Muskoka Subdivisions.
- 16311—April 15—Approving location of Central Railway Company of Canada from Oka at mileage 31 to south side of highway at Carillon at mileage 45.61 (Montreal to Midland Line).
- 16312—April 3—Authorizing C.P.R. to cross with additional track, track of Street Railway at Pacific Avenue, Fort William.
- 16313—April 11—Directing C.N.R. to construct road crossing, etc., and grade roadway to loading platform, elevator and team track by 1st May, 1912, under penalty of \$10.00 per day. At Polly, Sask., complaint, Board of Trade.
- 16314—April 12—Directing that Supp. No. 6 to G.T.R. Tariff C.R.C. No. E. 1432 and Supp. 5 to C.P.R. Tariff C.R.C. No. E. 1286 may become effective June 1st, 1912, re Order 15844 January 27th, 1912, Consumer's Cordage Co., Ltd., Mtl.
- 16315—April 12—Directing C.P.R. to construct suitable farm crossing for F. W. Dodwell, of Austin, Man.
- 16316—April 13—Authorizing C.P.R. to construct spur for William Davies Co., Ltd., near Front and Overend Sts., Toronto, Ontario.
- 16317—April 13—Granting certificate of correction to G.T.P. B.L. Co., error in location plan Regina-Boundary Branch.
- 16318—April 13—Authorizing G.T.R. to construct siding into premises of Ridgeway Milling Co., Ltd., Ridgeway, Ontario.
- 16319—April 12—Authorizing G.T.R. to construct additional track across Pape Avenue, Toronto, Ontario.
- 16320—April 13—Approving revised location of C.N.R. (Calgary-Strathcona Branch) mileage 72.58 to 81.75, Alta.
- 16321—April 15—Approving joint agreement between C.P.R. and C.N.R. for joint facilities at Regina, Sask.
- 16322—April 15—Approving location of C.P.R. station to be erected at Cutknife, Sask.
- 16323—April 12—Directing C.N.O. Ry. to install electric bell at crossing, Manvers Road, 1st highway east of Bowmanville Station, Ont. Complaint, James Veal.
- 16324—April 15—Directing Dominion Atlantic Rly. before 1st July, 1912, to install electric bell a short distance east of Berwick Station, N.S. Complaint, John Buchanan. 20 per cent. from Railway Grade Crossing Fund.
- 16325—April 11—Approving location of Campbellford, Lake Ont. & Western Ry. Co., Glen Tay, to Cobourg Line, from mileage 88.21 (from Glen Tay) to mileage 106.17, and to take possession of certain portions of G.T.R. right-of-way.
- 16326—April 13—Approving location of James Bay & Eastern Rly. (C.N.R.) station grounds at Demeules, Que.
- 16327—April 15—Authorizing C.P.R. to construct additional tracks across highways at Tantallon, Esterhazy and Killaley, Sask.
- 16328—April 12—Re King St. crossing C.P.R. at Walkerton, Ont., crossing to be widened; bell question reserved for further consideration of Board.
- 16329—April 15—Authorizing G.T.P. Ry. to construct spur for Edmonton Portland Cement Company, Ltd., near Edmonton, Alta.
- 16330—April 15—Authorizing C.N.O. Ry. to construct bridge across the Muskegogama River at mileage 94, from Sudbury Jct.
- 16331—April 18—Amending Order No. 13357 of March 30, 1911, as follows:—"Express Companies are absolved from making delivery under the terms of this Order where the condition of the roads or streets is not in a reasonably passable state for vehicular traffic."
- 16332—April 17—Authorizing M.C.R. to reconstruct bridge No. 180.52 over Grand River.
- 16333—April 16—Approving character of work known as "the Hill Drain" across Pere Marquette Ry. being constructed by Twp. of Aldborough, County of Elgin, Ont.
- 16334—April 16—Approving location of C.N.Q. Ry. station at Cap Sante, Que.
- 16335—April 17—Approving Plan "B" in connection with grade at Jackson St., Bethany, Ont., C.P.R. (G. B. & S. Ry.), and rescinding Order 16169 of March 13, 1912.
- 16336—April 17—Approving location of C.P.R. station at Claresholm, Alberta.
- 16337—April 17—Authorizing C.P.R. to construct 9 spurs for Birds Hill Sand Company near Winnipeg, Manitoba.
- 16338—April 13—16339—April 15—Approving location of G.T.P. B.L. Co. stations to be known as Bremen and Meacham, on its Prince Albert Branch; and Stony Beach and Keystown, on its Regina-Moose Jaw Branch.
- 16340—April 17—Authorizing G.T.R. to construct spur for Barber-Ellis, Ltd., in city of Brantford, Ont.
- 16341—April 17—Directing C.P.R., G.N.W., and C.N.R. Telegraph Companies to deliver telegrams within corporate limits of city of St. Boniface, Man., free of charge.
- 16342—April 18—Authorizing G.T.R. to construct spur for Connell Anthracite Mining Co., Ltd., Carlaw Ave., Toronto.
- 16343—April 18—Approving plans of C.N.R. Standard Portable Station for use on Eastern Lines.
- 16344—April 18—Approving location of James Bay & Eastern Ry. (C.N.R.) station grounds at Chute A. L'Ours, Que.
- 16345—April 18—Dismissing application of Stockton & Mallinson, Regina, Sask., re Dominion Express rates.
- 16346—April 18—Authorizing city of Fort William to construct Pacific Ave. across C.P.R.