

was to hold back the waters of the river and cause them to overflow the meadow lands of the defendant, destroying the land for hay purposes, the only use to which they could be put by the defendant. The amount of the compensation is based upon a valuation of \$25 an acre for the land flooded, and includes certain other elements of damage sustained by the defendant.

Tofield, Alta.—Grand Trunk Pacific Engineer Tait is making surveys for the proposed water supply plant from Beaver lake to Tofield, two miles. The company will build an elevated tank and roundhouse here.

Lethbridge, Alta.—City Engineer Arnold recently presented to the council his estimate of public works expenditure for 1910. It includes: For street grading, \$35,000; for walks, \$60,000; water, \$28,000; sewers, \$35,000; plank walks, \$3,500, making a total of \$167,500.

Regina, Sask.—The City of Regina invites negotiations with capitalists, for the purpose of obtaining proposals for a special franchise for street car services and gas works, for the city, subject to the right of the city to take over the undertakings at the expiry of a definite term of years, at a price to be fixed by arbitration, or in such other manner as may be agreed on. Mr. Angus Smith, City Engineer.

Detroit, Mich., U.S.A.—Northern Engineering Works, builders of "Northern Cranes," have purchased additional land adjoining their plant on which they are preparing to make extensions of their crane plant.

FINANCING PUBLIC WORKS.

St. Boniface, Man.—The ratepayers will shortly vote on a 200,000 by-law for the construction of a sewer 1½ miles long and 7 feet in diameter.

NEW INTERCOLONIAL LOCOMOTIVES.

Following are the chief dimensions of the ten consolidated locomotives which the Canadian Locomotive Co., Kingston, Ont., is building for the Intercolonial Railway:—

Weight on drivers	148,300 lbs.
Weight, total	164,850 lbs.
Cylinders	21" by 28"
Drivers, Diam.	56"
Boiler, type	Straight top.
Boiler, pressure	200 lbs.
Heating surface, tubes	1,934.6 sq. ft.
Heating surface, firebox	161.1 sq. ft.
Heating surface, total	2,095.7 sq. ft.
Tubes, No. and diam.	236; 2¼"
Tubes, length	14 ft.
Firebox	114" by 41"
Grate area	32.5 sq. ft.
Capacity, water	5,000 imp. gals.
Capacity, coal	10 tons.
Brakes	Westinghouse.
Couplers	Janney.
Headlight	Pyle National Electric.
Steam heat equipment	Safety Car Htg. and Ltg. Co.
Axles	Open-heart steel.

ORDERS OF THE RAILWAY COMMISSIONERS OF CANADA.

Copies of these orders may be secured from the Canadian Engineer for a small fee.

8942—November 30—Directing the M.C.R.R. and P.M.R.R. to file with the Board plans showing location of towers, gates, etc., where it intersects side road running between Lots 6 & 7, 5th Concession, at Highgate and Muirkirk Station, Ont.

8943—December 17—Approving detail plan and general layout of A. Q. and W. Railway station building at L'Anse aux Gascons, P.Q.

8944—December 17—Approving plan and general layout of A. Q. and W. Railway station building at Newport, P.Q.

8945—December 17—Authorizing the C.N.R. to place its wires under the wires of the Kaministiquia Power Company, Limited, near Kakabeka, Ont.

8946 to 8957 Inc.—December 17—Authorizing the Nipissing Power Company, Limited, to place its transmission lines across the wires of the Bell Telephone Company at following points:—1½ miles south of North Bay; 7 miles south of Callander; one mile south of Callander; 5 miles south of North Bay; 5 miles south of Callander; 1 mile south of North Bay; 2 miles south of Callander; 3 miles south of Callander; 2 miles south of North Bay; 1 mile south of North Bay; ¾ mile south of Callander; 4 miles south of North Bay; in the Province of Ontario.

8958—December 13—Authorizing the C.P.R. to open for traffic its double track on its main line between Fort William and Winnipeg, Man.

8959—December 18—Authorizing the corporation of the village of Eganville, Renfrew County, Ontario, to construct highway across the C.P.R. 100 feet east of freight shed.

8960—December 18—Authorizing the C.P.R. to divert crossing of Salvage Avenue to proposed crossing of its tracks by Chapman Avenue, Grassy Lake, Alta.

8961—December 15—Authorizing Daly & Morin to lay pipe under the track of the G.T.R. at Lachine, P.Q.

8962—December 17—Approving and sanctioning C.N.R. location of its line of railway from mileage 88 to 119, up North Thompson River from Kamloops, B.C.

8963—December 17—Approving location of C.N.R. line from mile 0 to 7, from Lytton, B.C.

8964—December 17—Authorizing the Manitoba Government Telephones to place its wires across the track of the C.P.R. west of St. Boniface, Man.

8965 and 8966—December 17—Authorizing the C.N.O. Railway to place its wires across the wires of the Bell Telephone Company on Cyrville Rd., at Station 2928-06, and at Forced Rd., Station 2924-54.

8967 and 8968—December 18—Authorizing the Berlin Light Commissioners to place its wires across the track of the G.T.R. at Waterloo Street, Berlin; and on St. Leger Street, Berlin, Ont.

8969—December 9—Authorizing the C.P.R. to lay pipe under the track of the C.N.R. along Boyne Avenue, at Morris, Man.

8970—December 18—Authorizing the C.P.R. to construct extension of the present spur of the Eureka Mineral Claim, Yale District, B.C.

8971—December 18—Authorizing the C.P.R. to construct two spurs in the town of Weyburn, Sask.

8972—December 18—Authorizing the C.P.R. to construct two spurs, at Calgary, Alta., one for Mr. York and the other for the Crown Lumber Company.

8973—December 18—Authorizing the C.P.R. to construct spur for the Leitch Collieries, Limited, at mile 87.11 Crow's Nest Pass branch.

8974 and 8975—December 18—Authorizing the C.P.R. to construct spur near Galloway Station, B.C.; also to construct spur for La Compagnie Jobin, St. Augustin Parish, Portneuf County, P.Q.

8976—December 20—Authorizing the C.N.O. Railway to use for construction purposes only the crossing by its line and tracks of the line and tracks of the G.T.R. (Whitby Branch) near Brooklin, Ont.

8977—December 20—Authorizing the C.P.R. to construct industrial spur through Bls. 200 and 201, Regina, Sask.

8978—December 18—Authorizing the Berlin Light Commissioners to place wires under the track of the G.T.R. at King Street, Berlin, Ont.

8979—December 18—Authorizing the Bell Telephone Company to place its underground wires under the M.C.R.R. at Chippawa St., at Chippawa, Ont.

8980—December 18—Authorizing Chas. Hudson, of Lambton Station, Ont., to work steam shovel on coal dump at or near Lambton Station, on the C.P.R., on Sunday, December 19th, 1909, on account of emergency.

8981—December 20—Authorizing the G.T.R. to construct proposed bridge over Chaudiere River at mile-post 164.1, on 3rd Dist. near Chaudiere Jct.

8982—November 22—Directing that all railway companies weigh all coal carried by them received from foreign countries at the port of entry.

8983—December 20—Approving crossings of the C.N.O. Railway at four streets in the town of Parry Sound, Ont.

8984—December 11—Setting out form of certificate to be used by railways in notifying the Board of assent to and concurrence in a joint tariff, or supplement, applicable between points in Canada.

8985—December 20—Authorizing the Ridgeway Fuel Supply Company to lay gas pipe under track of P.M.R.R. in village of Highgate, Ont.

8986—December 22—Authorizing the Ottawa Electric Company to place its electric wires across track of C.P.R. at southerly side of Rideau River at Billings Bridge, Ont.

8987—December 22—Authorizing the C.N.Q. Railway to construct its line and tracks across public road between Lots 100 and 105, Par. Deschambault, P.Q.

8988 to 8991 Inc.—December 22—Authorizing the C.N.Q. Railway to construct its lines and tracks across public road on Lot 195; to divert public road on Lot 183; across public road on Lot 2; and across public road Lot 26, and Lots 27 and 30, all in the Parish of Deschambault, Portneuf County, P.Q.

8992—December 17—Directing the C.P.R. to make repairs and changes to crossing at mileage 1.90 Artemesia Township, Grey County, Ontario.

8993—December 15—Authorizing the W.E. and Lk. S.R. Railway to maintain and operate its railway along the Gravel Road, Sandwich West Township, Essex County, Ontario.

8994—December 21—Authorizing the Manitoba Government Telephone to place its wires across the C.P.R. 300 ft. north of Purves Station, Man.

8995—December 21—Authorizing the corporation of the Township of Southwold, Ont., to lay pipe under the track of the G.T.R. in Southwold Township, Ontario.

8996—December 22—Authorizing the Dominion Light, Heat & Power Company to cross the C.N.Q. Railway at Pie IX. Street, Maisonneuve, P.Q. (Heidt Drain).

8997—December 21—Authorizing the corporation of Southwold Township, Ontario, to lay drain under G.T.R. (Osborne Drain), Southwold Township, Ontario.

8998—December 21—Granting leave to T. H. Herrington to place telephone line across G.T.R. at Belleville Road Crossing, (Napanee), Richmond Township, Ont.

8999 & 9000—December 21—Authorizing the Bell Telephone Co. to place wires across M.C.R.R. at ¼ mile east of Essex Station, Ont., and the C.N.Q. Railway, Deschambault Parish, Portneuf, P.Q.