

THE CANADIAN SOCIETY OF CIVIL ENGINEERS.

The Canadian Society of Civil Engineers held their annual excursion on June 24th to Detroit. The journey was interesting. The works examined at Walkerville, Windsor and Detroit were very instructive.

It is a wonder more engineers do not avail themselves of the opportunity such trips afford of becoming acquainted with their fellow-engineers.

RAILWAY ACCIDENTS.

In this issue will be found a list of accidents that occurred on the steam and electric railways of Canada during June, 1909.

It is just possible that the list is not complete, but as we enlarge upon the work our list will become more accurate.

Our purpose in preparing this list is to have at hand the information that will enable us to classify accidents according to cause with the hope that with publicity will come education, and thus a lessening of accidents.

EDITORIAL NOTES.

"Principles Governing the Compression of Air and Some Notes on its Uses" is the title of a paper to be read before the Engineers' Club of Toronto on Monday evening, July 5th, at 8.15, by Mr. William Reavell, M. Inst. M.E., M. Inst. C.E., etc., of Ipswich, England. Mr. Reavell is recognized as an authority on air compressors, and his address will be of interest to all.

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The Dominion Steel Company's statement, issued June 16th, was very favorable, even though the year's earnings (which show a net surplus of \$1,571,412) are less than last year's. The operations of the twelve-month, after paying all expenses except interest, and after providing for sinking fund, depreciation and renewal of plant, show a profit of \$2,225,834. Profit and loss was credited in March last with \$2,209,210, transferred from contingent account in connection with the claim against the Coal Company, and the Steel Company directors have appropriated \$1,800,000 of this in reduction of property and construction account. The reports of the English engineers, Messrs. Harbord and Hall, on the company's supply of coal, ore and other materials at Bell Island, Wabana, Marble Mountain and Sydney are very commendatory.

For the eleven months ending May 31st, the net earnings of the Canadian Northern were \$2,562,900, against \$2,272,200 last year, and \$1,785,100 in 1907.

RAILROAD ACCIDENTS

Summary of Casualties in Canada During June.

Thirty Killed—Many Injured—Neglect Cause of Many Fatalities.

June 1st.—At Myrtle, Ont., C.P.R. fireman William E. Reid was struck by a waterspout, whilst leaning out of the cab, and killed.

At Emery, Ont., James Duncan, of Emery, was cut to pieces by a C.P.R. passenger train. He attempted to cross in front of a C.P.R. express.

At Parry Sound, Ont., the flange of a C.P.R. freight car wheel broke and several cars left the rails. Train crew sustained slight injuries and traffic was delayed several hours.

At Smith's Falls, Ont., C.P.R. Engineer Bennett, of Havelock, was badly scalded. Cause, boiler of engine drawing Montreal express burst.

At Halifax, N.S., James B. Anderson, aged five years, killed by street car, whilst crossing tracks.

At London, Ont., Vincent Famulara, age 1½ years, run over by street car and seriously injured.

At Missanabie, Ont., C.P.R. Atlantic Express derailed. Cause, broken wheel; delay, five hours.

At Hobon, Ont., C.P.R. Imperial, Limited ran into open switch, instantly killing an unknown tramp who was stealing a ride, injuring the engineer, and damaging the engine and mail car. Delay, three hours.

At Quebec an I.C.R. brakeman named Anctil, of Fraser-ville, took a fit whilst walking on track and was killed by a passenger train.

June 2.—At Brockville, Ont., a G.T.R. manifest train was wrecked, causing much damage to track and rolling stock, and blocking both lines for seven hours.

At Point aux Trembles, Que., Joseph L. Benoit, a C.N.R. brakeman was killed whilst shunting cars. Missed footing in attempt to board engine and crushed by tender.

At Thornhill, Ont., a C.N.R. passenger train was derailed and delayed traffic several hours.

June 3.—At Galt, Harry Drinkwater, knitter, very deaf, wheeling across track, killed by G. P. & H. car.

June 4.—Near Ingersoll, G.T.R. flyer derailed; two injured; cause, washout in track.

At West Toronto, Ont., Duncan Reid, a miller, of Streetsville, Ont., tried to board moving C.P.R. train, fell beneath wheels and lost left arm.

June 5.—At Ottawa, Ont., Leslie Stanley, aged 7, run over and killed by street car.

June 7.—At Toronto, Ralph Jasper, 12, foot caught in switch, crushed by car which was being shunted.

At Montreal, a Syrian woman struck by street car sustained slight injuries.

June 9.—At Grandes Piles, Que., C.P.R. engineer killed in head-on collision between local pilgrimage train.

At North Sydney, N.S., 16 cars of coal left tracks and damaged badly; 200 feet of track torn up. Cause, spreading rails. None of train crew injured.

June 10.—At Vancouver, B.C., two G.N. express trains collided head-on, killing two engineers and a fireman and injuring three passengers and three train hands.

RAILWAY EARNINGS AND STOCK QUOTATIONS

NAME OF COMPANY	Mileage Operated	Capital in Thousands	Par Value	EARNINGS		STOCK QUOTATIONS							
				Week of June 21		TORONTO				MONTREAL			
				1909	1908	Price June 25 '08	Price June 17 '09	Price June 24 '09	Sales Week End'd Jun. 24	Price June 25 '08	Price June 17 '09	Price June 24 '09	Sales Week End'd Jun. 24
Canadian Pacific Railway	8,920.6	\$150,000	\$100	1,481,000	1,287,000	159		181½	56 160 159½		181	182½ 182½	
Canadian Northern Railway	2,986.9			184,500	151,200								
*Grand Trunk Railway	3,536	226,000	100	826,865	818,672								
T. & N. O.	334	(Gov. Road)		24,104	16,656								
Montreal Street Railway	138.3	18,000	100	86,575	74,764					178 177½	218 217	218 217½	405
Toronto Street Railway	114	8,000	100	79,709	70,307					99 98½	98 124½	124 123½	605
Winnipeg Electric	70	6,000	100			157	189	185	85 159	158		185	

* G.T.R. Stock is not listed on Canadian Exchanges These prices are quoted on the London Stock Exchange.