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DOMINION BUREAU OF STATISTICS

Memorandum

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RAILWAY OPERATING STATISTICS

(Operating Revenues, Expenses and Statistics of 17 Railways mainly with Annual Operating Revenues over \$500,000)

September, 1954.

TOTAL - 17 RAILWAYS: Total operating revenues amounted to \$93,002,241 during September 1954, a drop of 9.4 p.c. from \$102,617,478 for 16 railways reporting in the same month one year earlier. Total operating expenses dropped 7.8 p.c. from \$91,897,289 for 16 railways in 1953 to \$84,734,430. A similar comparison for the 16 railways reporting in both 1954 and 1953 shows a drop of 10.6 p.c. in operating revenues and a drop of 9.2 p.c. in operating expenses. Net operating revenue declined 22.9 p.c. from \$10,720,189 to \$8,267,811 and operating income dropped 35.3 p.c. from \$6,955,352 to \$4,496,642. Revenue freight carried amounted to 14,547,675 tons, down 3.4 p.c. from 15,065,102 tons a year ago and revenue freight ton miles at 5,105,968,000 was 2.7 p.c. lower than the previous 5,246,379,000. Revenue passengers carried numbered 2,325,564 down 2.4 p.c. as compared to 2,382,939 in September, 1953, and revenue passenger miles declined 3.0 p.c. from 268,785,000 to 247,337,000. The number of employees declined 8.9 p.c. from 206,350 to 187,942 while total payrolls dropped 8.1 p.c. from \$57,961,600 to \$53,272,582.

CANADIAN NATIONAL RAILWAYS: C.N.R.'s Canadian Lines had operating revenues of \$47,719,400, down 11.5 p.c. from \$53,906,000 a year ago; operating expenses declined 6.9 p.c. from \$50,272,375 to \$46,789,121; net operating revenue dropped from \$3,633,625 to \$930,279 and operating income was down from \$3,122,165 to \$960,465. The System including United States lines had operating revenues of \$53,329,000 and operating expenses of \$52,250,000 as compared with \$59,797,000 and \$55,892,000 respectively for 1953. Net operating revenue dropped from \$3,905,000 to \$1,079,000 and operating income dropped by \$2.4 millions from \$2,345,738 to an operating loss of \$57,450.

CANADIAN PACIFIC RAILWAY COMPANY: Operating revenues amounted to \$35,678,728, down 9.3 p.c. from \$39,326,680 for 1953 and operating expenses dropped 12.6 p.c. from \$34,946,978 to \$30,529,350 to bring an increase of 17.6 p.c. in net operating revenue from \$4,379,702 to \$5,149,378. Operating income was up 6.9 p.c. from \$2,783,471 to \$2,975,489.

Operating revenue for the 9 month period ended September 30 was down \$96.5 millions from \$904,709,929 to \$808,213,532. Smaller declines in expenses however held the drop in net operating revenue to \$25.4 millions at \$47,732,076, operating income was down \$18.4 millions to \$16,786,151.

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3-1-55.Prepared in Transportation and Public Utilities Section,
Public Finance and Transportation Division.

OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

September, 1954.

Subject to Revision

	TOTAL		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	17 RAILWAYS	16 RAILWAYS	1954	1953	1954	1953
<u>OPERATING REVENUES</u>						
Freight	\$ 73,743,666	\$ 81,799,990	\$ 36,537,000	\$ 41,682,000	\$ 29,107,912	\$ 32,345,008
Passenger	7,174,468	7,784,804	3,386,000	3,966,100	3,193,528	3,227,256
Mail	1,145,930	1,233,200	527,500	578,100	548,138	561,816
Express	4,189,219	4,574,352	x 3,203,500	x 3,470,200	785,685	944,323
Other passenger train	1,094,629	1,071,180	506,922	498,285	572,852	549,444
Water line	466,807	551,500	-	-	224,000	238,881
All other	5,187,522	5,602,452	3,558,478	3,711,315	1,246,613	1,459,952
Total Railway Operating Revenues	93,002,241	102,617,478	x 47,719,400	x 53,906,000	35,678,728	39,326,680
<u>OPERATING EXPENSES</u>						
Maintenance of way and structures	\$ 18,529,274	\$ 20,075,885	\$ 10,617,737	\$ 10,607,957	\$ 6,045,578	\$ 7,784,544
Maintenance of equipment	17,381,584	20,872,926	9,516,210	11,504,689	6,755,847	8,162,602
Traffic	1,876,645	1,865,817	886,553	881,830	860,763	849,002
Transportation	39,120,102	42,227,003	22,035,039	23,744,518	14,024,142	15,340,198
Miscellaneous operations	1,426,494	1,484,704	544,336	597,702	707,921	712,486
General	6,400,331	5,370,954	3,189,246	2,935,679	2,135,099	2,098,146
Total Railway Operating Expenses	84,734,430	91,897,289	46,789,121	50,272,375	30,529,350	34,946,978
<u>OPERATING INCOME</u>						
Net operating revenue	\$ 8,267,811	\$ 10,720,189	\$ 930,279	\$ 3,633,625	\$ 5,149,378	\$ 4,379,702
Railway tax accruals	3,550,189	2,825,108	774,466	759,792	2,330,000	2,490,000
Hire of equipment	Dr. 53,331	Dr. 788,080	Cr. 812,677	Cr. 244,132	Cr. 241,791	Dr. 23,820
Joint facilities rents	Dr. 167,649	Dr. 151,649	Dr. 8,025	Cr. 4,200	Dr. 85,680	Dr. 82,411
Operating income	4,496,642	6,955,352	960,465	3,122,165	2,975,489	2,783,471
<u>OPERATING STATISTICS</u>						
Average miles of road operated	43,779.21	43,300.44	22,643.71	22,500.12	17,004.2	17,019.0
✓ No. of tons carried (Rev.Fr.)	14,547,675	15,065,102	6,215,427	6,669,735	4,821,739	5,227,449
No. of tons carried one mile " " Thous.	5,105,968	5,246,379	2,436,643	2,613,415	1,984,874	2,182,056
No. of tons carried one mile (All Fr.) "	5,413,701	5,664,209	2,589,422	2,814,679	2,122,769	2,385,704
Gross ton miles, excl. of locomotive & tender "	11,531,530	12,230,376	5,636,259	6,096,678	4,461,062	5,048,891
No. of revenue passengers carried	2,325,564	2,382,939	1,325,800	1,364,207	769,245	774,373
No. of revenue passengers carried one mile "	247,337	268,785	112,965	131,203	111,596	115,039

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Return to C.R.C.

Freight train miles	6,126,478	7,351,666	3,034,135	3,890,145	2,490,041	2,923,729
Passenger train miles	3,799,793	4,070,164	1,885,662	2,075,687	1,680,732	1,739,203
Total train miles (rev. and non rev.)	10,200,065	11,549,907	5,089,835	5,980,135	4,222,578	4,756,978
Freight car miles - loaded	168,803,794	183,696,055	86,065,703	94,495,012	64,824,313	73,308,215
Freight car miles - empty	84,796,372	89,050,029	41,044,700	42,447,141	32,774,831	37,725,729
Passenger train car miles	35,566,905	37,439,184	17,918,043	19,049,872	15,212,662	15,861,459
Total amount of pay-roll	\$ 53,272,582	\$ 57,961,600	\$ 30,658,439	\$ 33,143,958	\$ 19,242,209	\$ 21,489,780
Number of employees	187,942	206,350	109,756	119,815	67,634	75,976
Pay-roll chargeable to Railway Operating Expenses	\$ 49,100,733	\$ 53,300,390	\$ 27,666,146	\$ 29,898,923	\$ 18,192,303	\$ 20,201,457
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>						
Operating revenue	\$ 70.81	\$ 79.00	\$ 70.25	\$ 79.86	\$ 69.94	\$ 77.03
Operating expenses	\$ 64.52	\$ 70.74	\$ 68.88	\$ 74.48	\$ 59.85	\$ 68.45
No. of tons moved one mile (Rev.Fr.)	3,888	4,039	3,587	3,872	3,891	4,274
No. of tons moved one mile (All Fr.)	4,122	4,360	3,812	4,170	4,161	4,673
No. of revenue passengers carried one mile	188	207	166	194	219	225
<u>AVERAGES PER FREIGHT TRAIN MILE</u>						
Freight revenue	\$ 12.04	\$ 11.13	\$ 12.04	\$ 10.71	\$ 11.69	\$ 11.06
No. of tons of freight (Rev.Fr.)	833	714	803	672	797	746
No. of tons of freight (All Fr.)	884	770	853	724	853	816
Gross ton miles	1,882	1,664	1,858	1,567	1,792	1,727
Loaded freight cars	27.6	25.0	28.4	24.3	26.0	25.1
Empty freight cars	13.8	12.1	13.5	10.9	13.2	12.9
<u>AVERAGES PER PASSENGER TRAIN MILE</u>						
Passenger train revenues	\$ 3.58	\$ 3.60	\$ x 4.04	\$ x 4.10	\$ 3.03	\$ 3.04
Passengers carried	65	66	60	63	66	66
Passenger cars	9.4	9.2	9.5	9.2	9.1	9.1
Average operating expenses per train mile	\$ 8.31	\$ 7.96	\$ 9.19	\$ 8.41	\$ 7.23	\$ 7.35
Average length of haul (Rev.Fr.) Miles	351	348	392	392	412	417
Average passenger journey Miles	106	113	85	96	145	149
Average tons per loaded freight car mile	32.1	30.8	30.1	29.8	32.7	32.5
Average freight receipt per revenue ton mile	1.444¢	1.559¢	1.499¢	1.595¢	1.466¢	1.482¢
Average passenger receipt per passenger per mile	2.901¢	2.896¢	2.997¢	3.023¢	2.862¢	2.805¢
Ratio of operating pay roll to operating revenues	52.8%	51.9%	58.0%	55.5%	51.0%	51.4%
Ratio of operating expenses to revenues	91.11%	89.55%	98.05%	93.26%	85.57%	88.86%

x Includes gross express revenue.

ø Includes duplications.

(1) Includes \$334 backtime.



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CANADIAN NATIONAL RAILWAYS

	SEPTEMBER 1954	SEPTEMBER 1953
	\$	\$
Operating Revenues - Canadian Lines	47,719,400	53,906,000
United States Lines	5,609,600	5,891,000
Total	53,329,000	59,797,000
Operating Expenses - Canadian Lines	46,789,121	50,272,375
United States Lines	5,460,879	5,619,625
Total	52,250,000	55,892,000
Net Operating Revenue - Canadian Lines	930,279	3,633,625
United States Lines	143,721	271,375
Total	1,079,000	3,905,000
Operating Income - Canadian Lines	960,465	3,122,165
United States Lines	Dr. 1,017,915	Dr. 776,427
Total	Dr. 57,450	2,345,738

CUMULATIVE TOTALS

	JANUARY TO SEPTEMBER	
	1954	1953
	\$	\$
<u>Canadian National Railways:</u>		
Operating Revenues - Canadian Lines	420,771,300	467,687,200
United States Lines	56,530,700	61,844,800
Total	477,302,000	529,532,000
Operating Expenses - Canadian Lines	421,574,411	455,413,561
United States Lines	48,431,589	50,127,439
Total	470,006,000	505,541,000
Net Operating Revenue - Canadian Lines	Dr. 303,111	12,273,639
United States Lines	3,099,111	11,717,361
Total	7,296,000	23,991,000
Operating Income - Canadian Lines	Dr. 2,347,887	7,130,767
United States Lines	Dr. 1,175,540	2,983,793
Total	Dr. 4,023,427	10,114,560
<u>Canadian Pacific Railway Company:</u>		
Operating Revenues	314,064,218	353,235,119
Operating Expenses	283,310,416	317,686,738
Net Operating Revenue	30,753,802	35,548,381
Operating Income	15,478,025	17,871,302
<u>17 Railways:</u>	<u>17 RAILWAYS</u>	<u>16 RAILWAYS</u>
Operating Revenues	808,218,532	904,709,929
Operating Expenses	760,486,456	831,578,821
Net Operating Revenue	47,732,076	73,131,108
Operating Income	16,786,151	35,166,924

✧ Revised.