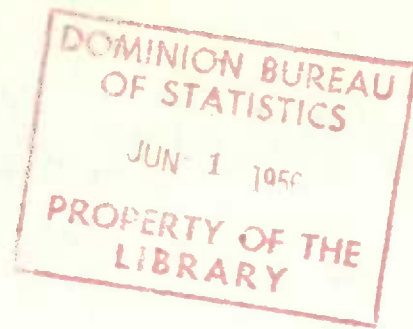


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HIGHWAY STATISTICS

1954

Memorandum

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HIGHWAY STATISTICS

1954

Higher levels of expenditures during the year ended March 31, 1955 brought total expenditures on highways, bridges etc. in the five-year period April 1, 1950 to March 31, 1955, to more than \$1.8 billion of which \$1.1 billion was on new construction and major reconstruction work. In addition during the same period over \$365 million was spent on roads, bridges, etc. in rural municipalities. More than \$213 million of this amount was spent on new construction and major improvements. The surfaced mileage of Canada's highways rose from 166,899 miles in 1950 to 192,616 miles in 1954 while paved and bituminous surfaces were 34.3 p.c. longer at 33,321 miles against 24,820 five years previously. Surfaced roads accounted for 36.8 p.c. of all highways open to traffic at the end of the 1954-1955 year and paved highways represented 6.36 p.c. of the total at the same date.

Expenditures on Highways¹

Expenditures on roads and highways outside urban areas during 1954 were \$429,472,008 some 8.2 p.c. higher than in 1953 when the outlay was \$397,068,159 and 6.2 p.c. higher than the previous peak year of 1952 when \$404,291,421 was expended. This rise was due in part to the inclusion in the Saskatchewan statistics of expenditures in local improvement districts, rural municipalities, villages and towns (less than 1,000 population) not previously reported. Construction work accounted for \$229,087,011 of the total in the current year whereas \$234,334,349 was spent on this phase of road work in 1953. Maintenance charges rose 19.3 p.c. from \$149,844,221 to \$178,832,011. The ten provin-

cial governments spent \$355,454,863 in 1954 compared with \$341,501,941 in 1953, an increase of \$13,952,922 or 4.1 p.c. The totals include grants to rural municipalities, townships and counties etc. but do not include \$10,553,547 in 1954 and \$6,378,276 in 1953 paid to urban municipalities as recorded in Table 2 of this report. Federal expenditures were up from \$26,759,571 to \$32,775,800.

Total expenditures were higher in all provinces except Nova Scotia and British Columbia. In Nova Scotia the outlay fell slightly to \$17.4 million from \$17.9 million and in British Columbia \$39.4 million was reported against \$40.0 million. Newfoundland expenditures were up by \$4.2 million, Prince Edward Island by \$0.9 million, New Brunswick by \$2.1 million, Quebec by \$4.9 million, Ontario by \$2.7 million, Manitoba by \$0.9 million, Saskatchewan by \$10.9 million (due largely to the inclusion of expenditures on local improvement districts etc. in the 1954 totals), Alberta by \$5.6 million and the Territories by \$0.8 million.

Per Capita Expenditures

In Newfoundland, Prince Edward Island, Saskatchewan and the Territories per capita expenditures for 1954 were much higher than during 1953. In New Brunswick, Quebec, Manitoba and Alberta the rise during the current year was only slight. Ontario outlay per person remained unchanged and in Nova Scotia and British Columbia a slight drop was recorded. The rate for Canada was up from \$27 to \$28 per person. The following table presents a comparison of expenditures and per capita rates for 1954 and 1955.

In province of	Expenditures on highways, bridges, ferries, etc.		Per capita expenditures	
	1954	1953	1954	1953
	\$	\$	\$	\$
Newfoundland	10,966,250	6,787,143	28	18
Prince Edward Island	4,027,522	3,081,402	38	29
Nova Scotia	17,365,694	17,940,270	26	27
New Brunswick	17,565,224	15,497,572	32	29
Quebec	96,732,668	91,856,791	22	21
Ontario	125,185,285	122,503,286	25	25
Manitoba	16,505,259	15,598,687	20	19
Saskatchewan	30,159,439	19,234,412	34	22
Alberta	64,244,805	58,668,081	62	59
British Columbia	39,427,324	39,963,026	31	32
Yukon—Northwest Territories	5,624,299	4,825,132	208	193
Canada	429,472,008	397,068,159	28	27

1. See page 6 for text re urban streets, sidewalks, bridges etc.

Highway Mileage

An increase of 6,246 miles raised the highway and rural mileage of roads from 517,809 miles in 1953 to 524,055 in 1954. New road surveys in Newfoundland, Prince Edward Island and reclassification in Manitoba resulted in large drops in gravelled mileages in those provinces and caused a drop of 971 miles from 160,266 to 159,295 miles of gravel roads in Canada. The changes also contributed to an increase of 4,627 miles to 331,439 miles of earth roads. The survey in Prince Edward Island brought a decrease in reported mileage in that province from 3,716 to 3,191 miles. Alberta mileage dropped 227 miles to 85,489 and the Territories remained unchanged. Total mileage in all other provinces increased during the year as will be seen in the comparative statistics for 1953 and 1954 presented in Table 3 which appears on page 12 of this report. Concrete pavements were reduced by 374 miles in Ontario and 13 miles in Manitoba. Bituminous pavements were lengthened by 828 miles

and bituminous surfaces by 2,148 miles. Federal roads in the ten provinces consisting of those within Federal lands such as the National Parks and the Federal District Commission driveways measured 1971 miles including 729 of the North West Highway System in British Columbia. There were also 2,128 miles of roads in the Yukon and North West Territories all of which have been classified as Federal roads.

The table presented below gives a historical summary of highway development since 1925. There were more than five times as many miles of permanently surfaced (paved) roads in 1954 than there were 29 years earlier. The number of motor vehicles per mile of surfaced highway stood at 19.0 in 1954 as compared with 18.0 in 1953. Part of the increase was occasioned by the changes in gravel mileages reported by Newfoundland, Prince Edward Island and Manitoba but the principal reason was the continuing sharp rise in motor vehicle registrations which increased by more than 6 per cent during the year.

Summary of Highway and Rural Road Mileages by Types of Surfaces and Number of Motor Vehicles per Mile of Surfaced Highway 1925-1954

Year	Concrete bituminous pavement and bituminous surface	Gravel, crushed stone and other surfaces	Total surfaced	Earth	Grand total	Number of motor vehicles per mile of surfaced highway
	Miles	Miles	Miles	Miles	Miles	
1925	6,057	41,354	47,411	1	1	15.3
1928	7,725	56,394	64,119	317,858	381,977	16.7
1932	11,009	80,303	91,312	307,008	393,320	12.2
1936	10,721	88,629	99,350	311,098	410,443	12.5
1940	15,617	100,575	116,192	443,955	560,147	12.9
1944	16,842	110,605	127,447	425,858	553,305	11.8
1945	17,339	114,114	131,453	420,562	552,015	11.4
1947	19,029	126,780	145,809	408,682	554,491	12.6
1948	20,651	129,842	150,493	405,773	556,266	13.5
1949 ⁴	22,740	139,059	161,799	399,548	561,347	14.2
1950	24,820	144,678 ²	169,498	397,657	567,155	15.3
1951	26,316	149,040 ²	175,356	336,522 ³	511,878	16.6
1952	28,649	152,657 ²	181,306	331,489 ³	512,795	17.4
1953	30,731	160,266 ²	190,997	326,812 ³	517,809	18.0
1954	33,321	159,295 ²	192,616	331,439 ³	524,055	19.0

1. Not known.

2. Includes some earth roads in New Brunswick

3. Excludes miles of unimproved road allowance not in use in Saskatchewan.

4. First year to include Newfoundland.

Authorities supplying data for inclusion in Table 1 of "Highway Statistics" report on the basis of the fiscal year April 1 to March 31 with the exception of:

1. Ontario—The Niagara Falls Parks Commission (fiscal year ends October 31)
2. Ontario—The Municipal Roads Branch (fiscal year ends December 31)
3. Toll Bridges (fiscal year of all privately and municipally operated toll bridges ends December 31)

The Trans-Canada Highway

The Trans-Canada Highway Act passed by Parliament on December 10, 1949, provided the machinery for agreement between the Federal and Provincial Governments as to the former's contribution towards completion of the national highway. Payments made under the Act cover two different periods of construction. Work done during the years from April 1, 1928 to December 9, 1949 is considered as prior construction. Payments on behalf of this work may be any amount up to but not exceeding

50 p.c. of the cost of construction and will be paid to the provinces when and as the Governor-in-Council determines. The "new construction period" is that extending from December 10, 1949 to December 10, 1956, the date on which the present Act will expire unless extended. Approved new work done in the latter period will bring federal contributions of up to 50 p.c. of the construction costs. The agreement was first signed by six of the provinces and the Government of Canada on April 24, 1950. To

March 31, 1955 all provinces except Quebec had approved the terms of the Act and were carrying out programs of work under the agreement.

Table 1-S1, which follows, shows the amounts spent by each of the nine provinces which participated during the fiscal year 1954-1955. The expenditures given in this table are included in Table 1 totals and should **not** be considered as additional expenditures.

**TABLE 1-S1. Trans-Canada Highway Expenditures,
Fiscal Year April 1, 1954 to March 31, 1955**

Province	Amount spent	Province	Amount spent
	\$		\$
Newfoundland	4,556,951	Saskatchewan	4,280,565
Prince Edward Island	976,689	Alberta	3,770,086
Nova Scotia	677,410	British Columbia	6,582,183
New Brunswick	1,137,327	National Parks, Alta.	36,823
Ontario	6,211,169	National Parks, B.C.	149,594
Manitoba	3,260,008		

For purposes of this report, only those contributions covering work done during the 1954-1955 fiscal year have been included in the Subsidies, etc., paid by the Federal Government and received by the Provincial Governments as shown in Table 1. This has been done because the payments on behalf of work completed in prior years represent only an

adjustment between the amounts spent by provincial and federal authorities during those years but do not add to the total expenditures on highways for past years. Contributions paid by the Federal Government to the participating provinces for work done during the fiscal year 1954-1955 are shown in Table 1-S2.

**TABLE 1-S2. Federal Contributions toward Trans-Canada Highway Expenditures,
Fiscal Year April 1, 1954 to March 31, 1955**

Recipient province	Federal contribution	Recipient province	Federal contribution
	\$		\$
Newfoundland	2,017,829	Manitoba	1,692,403
Prince Edward Island	23,143	Saskatchewan	1,996,622
Nova Scotia	75,700	Alberta	1,806,478
New Brunswick	510,470	British Columbia	3,352,239
Ontario	6,274,488		

Toll Bridges, Ferries and Roads:

Revenues from tolls reported in Table 1, pages 8 and 9 were up more than 10 p.c. to \$6,088,809 compared with \$5,515,090 in 1953. Expenditures on all toll facilities for construction, maintenance and administration are included in the amounts reported in Table 1. Ferries making a charge for vehicle crossings are operated by Nova Scotia and British Columbia. A number of national parks make a charge

for motor travel within their borders. Also federally owned is the Jacques Cartier toll bridge at Montreal. Privately and municipally owned toll bridges are in operation in Quebec and British Columbia. In British Columbia the Toll Highways and Bridges Authority operates the First Narrows (Lions Gate) Bridge at Vancouver. Not included in these statistics are privately owned ferry companies or "International Bridge, Tunnel and Ferry Companies". Annual statistics of the latter firms are published separately in the report of that name.

Urban Streets, Sidewalks, Bridges and Culverts

Data concerning expenditures on urban streets etc. and the mileage of streets in cities and towns, by provinces, is presented in Table 2. These statistics are based on reports received from municipalities having populations as indicated in the footnote to the Table. The 317 municipalities which reported in 1954 had expenditures of \$93,045,185, up by \$10,064,032 from the \$82,981,153 spent in 1953 by 303 municipalities. The thirteen cities which had outlays in excess of \$1 million during the year spent more than \$52 million or 57.3 p.c. of the total. In addition the municipality of Metropolitan Toronto spent \$6.3 million or 5.8 p.c. of the total.

Montreal expenditures during 1954 amounted to \$14,161,337, more than double the road and street outlay of any other urban municipality in that year. Major improvements took \$1.1 million more, maintenance and minor repairs \$0.7 million more and snow clearing, sanding etc. \$3.5 million more than in 1953 while new construction costs were down \$0.6 million and administration \$0.4 million. Expenditures in Montreal in 1953 totalled \$8,727,852.

The major development in urban spending in 1954 was the assumption of responsibility for major thoroughfares in the Toronto area by the Roads Department of the municipality of Metropolitan Toronto whose principal accomplishment during the year was the resurfacing of Yonge Street at a cost of \$1.2 million. Total expenditures by Metro for work on roads etc. was \$6.3 million of which \$3.0 million went for major improvements. The City of Toronto had reduced outlays due to the assumption of major thoroughfares by Metro, the city's costs being down from \$5.9 to \$3.6 million a drop entirely accounted for by reductions in construction work.

Edmonton spent almost \$0.7 million less due to lower maintenance costs the total being \$6.3 million in 1954. In Vancouver which completed construction of the Granville Bridge in 1953 the total fell from \$12.5 to \$6.3 million with bridge

costs down \$6.8 million and road costs up \$0.6 million. Calgary increased road construction by \$0.6 million and bridge construction by \$0.7 million to account for a \$1.3 million raise in expenditures to \$5.8 million. Calgary spent more on footpaths and sidewalks than any other municipality in Canada during 1954 the outlay for this purpose being \$1,147,501 in the year.

Other cities having expenditures of more than \$1 million in 1954 were: Winnipeg (\$3.1 million compared with \$2.6 million); Hamilton (\$2.5 million versus \$2.6 million); Quebec (\$1.6 million down \$500,000 due to drops in road & bridge construction); Regina (\$1.4 million up \$600,000 principally for increased road and sidewalk construction); Hull (\$1.3 million vs. \$0.2 million. The increase resulted from road and sidewalk construction programs); Windsor (\$1.2 million up from \$0.9 million) and Three Rivers (\$1.1 million compared with \$0.7 million).

Surfaced streets were 288 miles greater in length being 13,119 miles at the end of 1954 versus 12,831 miles in 1953. The increase would have been greater but for re-classification of mileages in Winnipeg and Brandon, Manitoba which reduced the surfaced total in that province by 326 miles to 738 and remeasurement in Calgary which cut the Alberta surfaced mileage 30 miles to 1,447. Halifax reported a correction which reduced Nova Scotia mileage 22 miles. Surfaced streets in Quebec increased 175 miles and in Ontario 365 miles principally in bituminous pavements and surfaces. Saskatchewan places reported 74 miles more surfaced roads. Concrete pavements were reduced 62 miles to 804, gravel surfaces by 408 miles to 3,689 and "other" surfaces by 3 miles to 72. On the other hand bituminous pavements showed a gain of 295 miles to 4,709 and bituminous surfaces were 465 miles longer at 3,845 miles.

Earth roads were reduced by 231 miles with a total of 2,789 miles reported in 1954 by 317 cities and towns compared with 3,020 miles by 303 municipalities in 1953.

TABLES

TABLE 1. Expenditures on Highways and Rural Roads, 1954

No.		Canada	Newfound- land	Prince Edward Island	Nova Scotia
		\$	\$	\$	\$
	Roads:				
1	Construction ^{1,2}	194,756,154	7,212,106	2,655,399	4,831,867
2	Maintenance	163,299,745	2,666,142	1,077,862	9,066,473
3	Administration and General ³	19,537,367	335,610	73,268	664,879
4	Total^{1,2,3}	377,593,266	10,213,858	3,806,529	14,563,219
	Bridges and Ferries:				
5	Construction	34,146,229	709,702	139,682	1,358,667
6	Maintenance	15,494,415	30,690	81,311	1,309,734
7	Administration and General	2,008,921	12,000	4	134,018
8	Total	51,649,565	752,392	220,993	2,802,419
9	Footpaths and Sidewalks	229,177	—	—	56 ⁵
10	Grand Total^{1,2,3}	429,472,008	10,966,250	4,027,522	17,365,694
	Federal Expenditures:				
11	Construction	3,394,505	—	—	343,025
12	Maintenance	9,124,623	—	14,972	129,021
13	Administration and General ³	829,069	—	750	35,168
14	Subsidies and Grants-in-Aid (Net) (Paid + Received) ²	+ 19,427,603	+ 2,017,829	+ 23,143	+ 75,700
15	Total^{2,3}	32,775,800	2,017,829	38,865	582,914
	Provincial Expenditures:				
16	Construction	206,406,901	7,921,808	2,795,081	5,847,509
17	Maintenance	120,627,397	2,696,832	1,144,201	10,247,234
18	Administration and General	20,105,217	347,610	72,518	753,757
19	Subsidies and Grants-in-Aid (Net) (Paid + Received) ²	+ 8,315,348	- 2,017,829	- 23,143	- 207,263
20	Total	355,454,863	8,948,421	3,988,657	16,651,217
	Municipal Expenditures:				
21	Construction	17,846,151	—	—	—
22	Maintenance	48,851,075	—	—	—
23	Administration and General	31,278	—	—	—
24	Subsidies and Grants-in-Aid (Net) (Paid + Received) ²	- 29,555,421	—	—	+ 131,563
25	Total	37,173,083	6	6	131,563⁶
26	Expenditures by Others ¹	4,068,262	—	—	—
27	Grand Total^{1,2,3}	429,472,008	10,966,250	4,027,522	17,365,694
	Total Expenditures:				
28	Construction ^{1,2}	229,087,011	7,921,808	2,795,081	6,190,534
29	Maintenance	178,832,011	2,696,832	1,159,173	10,376,255
30	Administration and General ³	21,552,986	347,610	73,268	798,905
31	Toll Bridges, Ferries and Roads: Revenues	5,481,142	—	—	322,652

1. Includes \$431,818 paid by Railways on railway grade crossings — not allocated by Provinces.

2. Includes \$805,419 contributed from Railway Grade Crossing Fund — not allocated by Provinces.

3. Includes \$431,002 Federal administrative costs re Trans-Canada Highway — not allocated by Provinces.

4. Not segregated.

5. Includes Federal costs only.

TABLE 1. Expenditures on Highways and Rural Roads, 1954

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon Northwest Territories	No.
\$	\$	\$	\$	\$	\$	\$	\$	
5,719,048	48,179,492	46,583,358	11,140,663	12,409,929	35,065,471	19,298,475	423,109	1
9,098,349	31,635,956	54,984,136	3,265,376	15,266,963	19,995,778	12,274,811	3,967,899	2
412,201	2,217,000	10,958,835	800,903 ⁸	1,149,196	1,227,971	1,241,026	25,476	3
15,229,598	82,032,448	112,526,329	15,206,942	28,826,088	56,289,220	32,814,312	4,416,484	4
1,116,797	9,974,000	10,057,546	1,244,850	976,063	5,151,916	2,829,570	587,436	5
1,179,910	3,559,512	2,480,039	48,466	249,581	2,721,888	3,212,905	620,379	6
307 ⁵	1,166,708	4	4	101,800	30,166 ⁵	563,922	-	7
2,297,014	14,700,220	12,537,585	1,293,316	1,327,444	7,903,970	6,606,397	1,207,815	8
38,612 ⁵	-	121,371	5,001 ⁵	5,907 ⁵	51,615 ⁵	6,615 ⁵	-	9
17,565,224	96,732,668	125,185,285	16,505,259	30,159,439	64,244,805	39,427,324	5,624,299	10
62,184	522,492	274,139	62,905	48,695	554,488	516,032	1,010,545	11
35,212	388,348	915,920	49,259	117,090	585,120	2,301,403	4,588,278	12
8,126	31,010	65,681	1,500	1,642	203,956	24,758	25,476	13
510,470	-	+ 6,475,905	+ 1,692,403	+ 1,996,999	+ 1,806,478	+ 3,788,358	+ 234,899	14
615,992	941,850	7,731,645	1,806,067	2,164,426	3,150,042	6,630,551	5,859,198	15
6,804,985	57,437,000	42,133,715	12,326,830	13,082,984	36,453,193	21,603,796	-	16
10,213,819	31,011,000	30,693,716	3,265,162	6,453,104	11,745,981	13,156,348	-	17
408,590	3,249,000	10,893,154	799,603	1,229,436	1,055,751	1,285,818	-	18
478,162	+ 3,244,000	+13,638,565	- 2,217,669	- 1,501,646	+ 1,666,853	- 3,788,358	-	19
16,949,232	94,941,000	97,359,150	14,173,926	19,263,878	50,921,778	32,257,604	-	20
-	..	14,354,421	..	259,105	3,232,625	..	-	21
32,308	3,603,154	25,854,539	..	8,947,383	10,413,691	..	-	22
-	11,278	4	..	20,000	4	..	-	23
32,308	- 3,505,800	- 22,698,073	+ 525,266	- 503,538	- 3,473,331	-	-	24
6	109,432	17,510,887	525,266⁷	8,722,950	10,172,985	7	-	25
-	+ 740,386	+ 2,583,603	-	+ 8,185	-	+ 539,169	- 234,899	26
17,565,214	96,732,668	125,185,285	16,505,259	30,159,439	64,244,805	39,427,324	5,624,299	27
6,867,169	58,153,492	56,762,275	12,389,735	13,390,784	40,240,306	22,128,045	1,010,545	28
10,281,339	35,195,468	57,464,175	3,314,421	15,517,577	22,744,792	15,493,701	4,588,278	29
416,716	3,383,708	10,958,835	801,103	1,251,078	1,259,707	1,805,578	25,476	30
-	2,608,823	18,290	34,695	7,233	213,426	2,165,671	110,352	31

6. Expenditures made by provincial government.

7. No report of expenditures on roads in rural municipalities is available. Expenditures on the maintenance of public works were, as follows: Quebec no information available; Manitoba \$5.0 million and British Columbia \$3.9 million during the calendar year 1954. Capital expenditures for road purposes are not known.

8. Provincial Administrative Expenditures not divided amongst Roads Bridges & Ferries and Footpaths and Sidewalks.
.. Data not available.

TABLE 2. Statistics¹ on Urban Streets, Sidewalks, Bridges and Culverts in Cities and Large Towns, 1954

No.	Expenditures	Canada	Newfoundland (Ex. St. John's)	Prince Edward Island
		\$	\$	\$
1	New Construction	36,838,763	58,477	105,891
2	Major Improvements, widening, etc.	12,870,657	10,735	16,246
3	Maintenance repairs and minor improvements	18,161,466	243,585	32,023
4	Cleaning, snow clearing, sanding, etc.	20,012,073	1,794	40,404
5	Administration and General expenses	5,000,474	—	13,663
6	Total	93,045,185²	314,591	240,235³
7	Construction+	51,662,292	69,212	130,714
8	Maintenance+	41,221,141	245,379	77,513
9	Undistributed amounts shown in provincial totals	161,752	—	32,008
10	Total Expenditures on Roads	70,892,215	314,591	190,443
11	Total Expenditures on Bridges and Ferries	9,637,462	—	—
12	Total Expenditures on Footpaths and Sidewalks	12,353,756	—	17,784
13	Undistributed amounts shown in Expenditures	161,752	—	32,008
	Subsidies and Amounts Collectable:			
14	From Federal Government	1,053,010	—	—
15	From Provincial Government	10,553,547	134,200	5,724
16	From County, Township, etc.	1,533,568	—	—
17	From Other Sources	146,127	—	—
18	Total	13,286,252	134,200	5,724
19	Net Expenditures (total expenditures less subsidies)	79,758,933	180,391	234,511
20	Number of Municipalities Reporting	317	47	6
	Class of Road:		Miles	
21	Concrete (Portland Cement)	804.24	—	11.31
22	Bituminous Pavements	4,708.95	2.00	35.16
23	Bituminous Surfaces	3,844.84	25.75	9.79
24	Gravel (traffic-bound gravel or crushed stone and stabilized gravel or stone not surface treated)	3,689.43	143.73	13.72
25	Other Surfaces-brick, granite block, wood block, etc.	71.99	—	—
26	Total Mileage of Surfaced Roads	13,119.45	171.48	69.98
27	Improved earth roads (graded and drained)	2,092.65	198.19	31.40
28	Other earth roads	696.52	70.40	3.25
29	Total Mileage of All Roads	15,908.62	440.07	104.63

+ Includes proportion of Administration and General Expenses.

1. These Statistics are for all cities and towns of 1,000 population and over in Newfoundland.

2,000 population and over in Nova Scotia and New Brunswick

4,000 population and over in Quebec and Ontario.

1,000 population and over in the four Western Provinces and all Urban Municipalities in Prince Edward Island.

TABLE 2. Statistics¹ on Urban Streets, Sidewalks, Bridges and Culverts in Cities and Large Towns, 1934

Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	No.
\$	\$	\$	\$	\$	\$	\$	\$	
638,340	1,177,238	7,963,958	9,252,252	1,690,862	1,768,481	11,277,155	2,906,109	1
141,892	238,328	2,719,853	5,936,596	251,451	127,015	701,289	2,727,252	2
580,444	435,914	3,365,720	8,430,333	806,628	1,105,793	1,270,597	1,890,439	3
221,492	503,357	10,958,913	6,187,118	600,539	192,748	568,265	737,443	4
90,106	242,672	1,794,268	1,664,394	256,698	117,192	489,591	331,890	5
1,802,018 ⁴	2,597,509	26,802,712	31,470,693	3,606,178	3,311,219	14,306,897	8,593,133	6
784,722	1,561,447	10,760,433	16,036,998	2,091,168	1,965,043	12,402,878	5,859,677	7
887,552	1,036,062	16,042,279	15,433,695	1,515,010	1,346,176	1,904,019	2,733,456	8
129,744	—	—	—	—	—	—	—	9
1,152,173	2,396,846	23,165,411	24,282,750	3,286,066	2,336,489	8,250,703	5,516,743	10
29,762	—	230,849	3,710,229	45,151	11,949	3,264,531	2,344,991	11
490,339	200,663	3,406,452	3,477,714	274,961	962,781	2,791,663	731,399	12
129,744	—	—	—	—	—	—	—	13
—	—	40,000	746,558	—	—	266,452	—	14
24,258	121,442	46,050	8,900,651	41,522	2,600	1,235,235	41,865	15
—	—	—	1,533,568	—	—	—	—	16
—	—	10,374	1,790	—	46,624	87,339	—	17
24,258	121,442	96,424	11,182,567	41,522	49,224	1,589,026	41,865	18
1,777,760	2,476,067	26,706,288	20,288,126	3,564,656	3,261,995	12,717,871	8,551,268	19
20	12	45	83	18	32	29	25	20
Miles								
13.47	21.44	95.54	412.84	141.54	2.98	13.80	91.32	21
210.27	197.06	1,186.58	2,042.62	208.85	155.91	327.81	342.69	22
141.51	53.07	630.77	1,494.78	59.86	129.66	391.53	908.12	23
161.46	70.31	505.04	1,021.55	325.25	395.79	707.82	344.76	24
—	—	4.45	41.20	2.95	5.50	6.14	11.75	25
526.71	341.88	2,422.38	5,012.99	738.45	689.84	1,447.10	1,698.64	26
154.54	41.92	50.93	455.91	252.59	375.52	418.74	112.91	27
18.00	3.00	76.99	125.32	11.50	211.16	116.58	60.32	28
699.25	386.80	2,550.30	5,594.22	1,002.54	1,276.52	1,982.42	1,871.87	29

2. Includes \$161,752 undistributed.

3. Includes \$32,008

4. Includes \$129,744

TABLE 3. Highway and Rural Road Mileage

Province	1954								
	Portland cement concrete	Bitum- inous pavement	Bitum- inous surface	Gravel, crushed stone	Other surfaces	Total surfaced road	Improved earth	Other earth	Total mileage
Newfoundland	—	33	97	2,050	—	2,180	460	3,940	6,580
Prince Edward Island	4	—	334	1,221	—	1,559	1,632		3,191
Nova Scotia	7	34	1,638	7,063	—	8,742	2,934	3,546	15,222
New Brunswick	—	1,411	1,035	11,650 ¹	—	14,096	—	—	14,096
Quebec	295	6,841	1,209	21,830	—	30,175	12,744		42,919
Ontario	1,011	5,304	5,874	51,567	—	63,756	10,454		74,210
Manitoba	106	—	1,531	3,083	—	4,720	15,610 ⁵	72,035 ²	92,365
Saskatchewan	—	—	1,333	21,187 ⁴	—	22,520	40,422 ³	101,179 ²	164,121
Alberta	—	—	2,119	28,154	—	30,273	26,544 ²	28,672 ²	85,489
British Columbia	32	2,021	1,048	9,776	—	12,877	9,298	1,559	23,734
Yukon — Northwest Terri- tories	—	4	—	1,714	—	1,718	319	91	2,128
Total	1,455	15,648	16,218	159,295	—	192,616	331,439		524,055
Province	1953								
	Portland cement concrete	Bitum- inous pavement	Bitum- inous surface	Gravel, crushed stone	Other surfaces	Total surfaced road	Improved earth	Other earth	Total mileage
Newfoundland	—	30	97	2,390 ¹	—	2,517	—	3,940	6,457
Prince Edward Island	4	—	361	2,282 ¹	—	2,647	1,069		3,716
Nova Scotia	7	25	1,512	6,990	—	8,534	2,989	3,670	15,193
New Brunswick	—	1,352	621	11,181 ¹	—	13,154	—	—	13,154
Quebec	294	6,414	1,254	21,435	—	29,397	12,987		42,384
Ontario	1,385	5,080	4,933	51,817	—	63,215	10,577		73,792
Manitoba	119	—	1,225	8,603	—	9,947	7,832	74,172 ²	91,951
Saskatchewan	—	—	1,212	19,753 ⁴	—	20,965	39,004 ³	99,665 ²	159,634
Albert	—	—	1,902	24,542	—	26,444	28,921 ²	30,351 ²	85,716
British Columbia	32	1,919	949	9,579	—	12,479	9,562	1,643	23,684
Yukon — Northwest Terri- tories	—	—	4	1,694	—	1,698	339	91	2,128
Total	1,841	14,820	14,070	160,266	—	190,997	326,812		517,809

1. Includes improved earth roads.

2. Includes all road allowances.

3. Does not include surveyed road allowances not in use.

4. Includes "Long Bridges"

5. Includes mileages of roads gravelled but details not available.

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