SUMMER TRAFFIC VOLUMES 1954

ON

PROVINCIAL HIGHWAYS

IN

BRITISH COLUMBIA



DEPARTMENT OF HIGHWAYS

TRAFFIC BRANCH

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PREFACE

This publication contains a summary of the traffic volumes taken during the Year 1954 in British Columbia. A good coverage of all numbered routes in the Province is presented. The data obtained has been compiled as Average Daily Traffic Volumes for certain periods of the year.

Section I contains an explanation of the methods used in obtaining data and includes tables of hourly variation of 24-hour traffic, of daily variation of traffic during the week, and of monthly variation of traffic for the year. In addition, a numerical example of the conversion of short counts to average long time counts is included.

Section II contains a tabulation of vehicular traffic volumes taken on Main Highways and feeder roads to those Highways throughout the Province. The tabulation is by numbered routes. Each count is identified by a station number, the first part of which indicates the Electoral District in which the count was obtained, and the second part identifies it from other stations in the district. Volumes listed are the Average Daily Traffic at the described location for the period indicated.

The terminology used throughout the text is defined as follows:-

<u>A.T.R.</u>: "Automatic Traffic Recorder" is the term applied to the automatic recording counters used during the survey. These counters record every 15 minutes and total on the hour.

Junior Counter:

Is the term applied to the non-recording or cumulative type of counter used during the survey. These counters have no timing devices.

- L.C. "Long Counts" are traffic counts taken at strategically located control stations for a minimum period of 14 days. The location of these control stations is such that the count could be assumed to have a fluctuation pattern common to all roads in the area. Certain Ferry traffic records were used where adoptable for this purpose in addition to counts taken with A.T.R. machines.
- <u>S.C.S.</u> "Sub Control Stations" are used as Long Counts but are for a minimum of seven days. These are expanded by the short count method by use of a Long Count Station to determine their Average Daily Traffic.
- <u>S.C.</u> "Short Counts" are traffic counts taken with A.T.R. machines or cumulative counters for a period of not less than 24 hours.
- A.D.T. "Average Daily Traffic", includes Saturdays and Sundays.
- A.D.W.T. "Average Daily Weekend Traffic", Saturdays and Sundays only.
- A.W.T. "Average Weekday Traffic", Monday to Friday inclusive.
- ** Indicates a station on a Feeder Road adjacent to the Main Route.

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PREFACE

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Vehicular Volumes -

Include all motorized vehicles with the exception of motorcycles. Every two axles passing over a counter is recorded as one vehicle. No reduction was made to allow for the overcount made by vehicles with more than two axles.

Note:-

- It must be emphasized that these counts should not be interpreted too freely as some counts may be too heavy or too light due to vagaries of mechanical and electrical tabulating equipment and vandalism to the detectors. Another factor giving results which could be misleading, is the exact location at which the count was taken. It was sometimes impossible to avoid obtaining a count which was greatly influenced by a purely local condition. However, inaccuracies have been eliminated as far as possible. The reader is urged to get in touch with the Traffic Engineer should help be needed in interpreting or comparing counts.

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SECTION I

METHODS AND PROCEDURE OF COMPILING DATA

The A.D.T. volumes listed in Section II have been computed by means of the short count method. The short count method is based on the theory that the percentage of traffic in any given period of the day is a constant value at all points along the same route or for routes having the same characteristics in the same or similar districts. This theory is sometimes extended to include all fluctuations, including seasonal, daily and hourly variation.

In order to expand a short count by means of the short count method the period during which the short count was taken must be compared to a count taken during the same period at a long count control station. Although the 24 hour volume may vary widely at different locations the hourly traffic distribution, as shown by the percentage of total daily traffic occurring in any hour, for the highways in a given area, is very nearly the same provided the highways have the same characteristics.

Hourly traffic distributions by percent are given in the following table for three different areas in $B_{\bullet}C_{\bullet}$

Hour	Vancouver Island Region	Lower Mainland Region Rosedale West	Southern B.C. Rosedale East
12 a.m 1 1 a.m 2 2 a.m 3 3 a.m 4 4 a.m 5 5 a.m 6 6 a.m 7 7 a.m 8 8 a.m 9 9 a.m 10 10 a.m 11 11 a.m 12 12 p.m 1 1 p.m 2 2 p.m 3 3 p.m 4 4 p.m 5 5 p.m 6 6 p.m 7 7 p.m 8 8 p.m 9 9 p.m 10 10 p.m 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.9 5.1 4.8 5.7 6.6 7.1 8.6 8.4 6.2 6.7 6.1 4.8 3.8	$ \begin{array}{c} 2.3\\ 1.7\\ 0.8\\ 0.3\\ 0.4\\ 1.5\\ 5.2\\ 3.8\\ 3.9\\ 4.6\\ 5.2\\ 5.0\\ 5.6\\ 6.0\\ 6.1\\ 7.3\\ 8.0\\ 6.3\\ 6.4\\ 6.2\\ 5.4\\ 4.4 \end{array} $	$ \begin{array}{c} 1.6\\ 1.1\\ 0.8\\ 0.6\\ 0.5\\ 0.6\\ 0.9\\ 1.9\\ 2.7\\ 4.2\\ 6.1\\ 6.8\\ 7.0\\ 6.8\\ 7.1\\ 7.2\\ 7.9\\ 8.0\\ 6.8\\ 6.2\\ 5.6\\ 4.2\\ 3.1\end{array} $
11 p.m 12 24 Hour Tota		<u> </u>	2.3 100.0%

CONVERSION OF SHORT COUNTS

TO AVERAGE DAILY TRAFFIC

Conversion of short time counts to average daily traffic volumes may be carried out as follows:

Station A, Average Daily Traffic = Station A, short time count multiplied by Average Daily Traffic at Control Station Short Time Count at

Where:-

Station A, Short Time count

Station A, Average Daily Traffic

Short Time count at Control Station

Average Daily Traffic at Control Station

Is the known Average Daily Traffic at Control Station for the same monthly period during which Short Time Count was taken.

Control Station

a specific period.

as Station A.

Is the known Short Count at the location in question covering

Is the unknown Average Daily Traffic at station in question.

Is the known short time count covering same period of time

The reliability of results of the above method depends upon the location of the Control Station in relation to short count stations and the correlation of defined traffic patterns.

NUMERICAL EXAMPLE:

Expansion of Short Count (Station 5-11) on Route No. 1 Trans Canada Highway between Abbotsford and Clearbrook.

> Short Count period at Station No. 5-ll from 12 p.m. July 21 to 2 p.m. July 23

> Total traffic during period - 16,228 Vehicles

Traffic for same period at Long Count Station No. 5-12 on the Trans Canada Highway One Mile East of Aldergrove - 11,435 Vehicles

Average Daily Traffic at Long Count Station- 5,508 Vehicles

Short Count Average Daily Traffic = $16,228 \times \frac{5,508}{11,435}$ =

7,817 Vehicles

The total volume of traffic does not vary materially on normal weekdays, Monday to Friday inclusive. Saturday and Sunday traffic generally shows somewhat different characteristics than does that of typical weekday, both with respect to classification of vehicles and volume.

	Daily Variation of Total Tr During Month of June VANCOUVER ISLAND	raffic	
Days of Week	Percentage of Total Weekly Flow		entage of Average aily Traffic
Sunday Monday Tuesday Wednesday Thursday Friday Saturday	18.8 12.3 11.9 12.7 13.1 14.8 16.4		132.4 86.7 83.9 89.4 89.5 103.3 114.8
	Daily Variation of Total Tr During Month of July LOWER MAINLAND - WEST OF RC		
Sunday Monday Tuesday Wednesday Thursday Friday Saturday	19.3 13.2 13.0 13.0 12.9 13.9 14.7		126.2 93.4 92.3 93.8 91.7 98.9 103.7
	Daily Variation of Total Ir During Honth of August SOUTHERN PART OF PROVINCE E ROSEDALE	5	
Sunday Monday Tuesday Wednesday Thursday Friday Saturday	18.2 13.2 12.7 12.6 13.2 14.1 16.0		126.2 91.7 88.3 87.5 91.8 98.3 116.2
******	SEASONAL VARIATION BY MON SOUTHERN B.C.	ITHS	
Month	Percentage of Yearly Traffic	Month	Percentage of Yearly Traffic
anuary 'ebruary larch .pril lay 'une	5.2 6.8 8.0 9.1	July August September October November December	12.2 12.3 9.9 8.8 7.1 5.8

SECTION II

VEHICULAR TRAFFIC VOLUME SUMMARY

This section contains a Summary of Vehicular traffic volumes obtained on main highways and feeder roads to those highways throughout B.C. during the summer and autumn of 1954. In addition, seasonal counts were taken at Long Count Stations throughout Vancouver Island and the Fraser Valley during the months of February, April and November to gain an indication of fluctuations in these areas during the year. These figures are listed in the Long Count summary at the end of each section.

Note: Descriptions preceded by a double asterisk ** are feeder roads to the main route described.

Route No. 1 Trans-Canada Highway.

Station No.	Location Description	1954	1955	1956	195 7		
12-20	West of Craigflower Junction	11,110					
12-5 L.C.	South of Colwood Corner	10,085					
12-4 *	ex Sooke Boad Route No. 14 West of Colwood Corner.	3,914					
12-6	North of Colwood Corner						
12-19 L.C.	One mile north of Langford Lake	3,357					
12-7	One mile south of Shawnigan Lake Cutoff	2 , 571					
12 - 9 *	** Shawnigan Lake Cutoff west of Junction with Route No. 1	265					
12-8	North of Shawnigan Lake Cutoff						
12-10	South of Mill Bay Cutoff						
12-11	North of Mill Bay Cutoff	2,922					
12-12	South of Shawnigan Lake Road	2,910					
12 -1 4 *	** Shawnigan Lake Road West of Junction with Route No. 1						
12-13	North of Shawnigan Lake Road	2,204					
12-21 *	⇔ Cobble Hill Road West of Junction with Route No. 1	604					
12–15	South of Junction with Route No. 1A. Via Cowichan Bay (South Junction)	1 , 876					
12-16 *	** Shawnigan Lake Cobble Hill Road West of Anton with Route No. 1	458					
12-17 *	** Route No. 1A Via Cowichan Bay North of Junction with Route No.1	381					
12-18	One mile north of Junction with Route No. 1A. Via Cowichan Bay (South Junction)	2,415					
8-1 L.C.	South of Allenby Road Koksilah	4,310					
8–5	South of Somenos Junction and North of Maple B a y road	2,610					
8–15 *	** Alternate Route No. 1A. South of Westholme.	203					
8–20	North of Railway overpass north of Duncan	2,360					

Route No. 1 Trans-Canada Highway.

Station No.	Location Description	1954	1955	1956	195 7
8-16 **	Alternate Route No. 1A. South of Junction with Route No. 1 South of Ladysmith.				
8–6	South of North Junction with Route No. 1A. Through Chemainus	1,765			
8-7	South of Diamond Overhead	4,021			
8-8 L.C.	One mile South of Cedar Junction North of Ladysmith	2,820			
8–9	South of Cassidy Airport Entrance	2,278			
8-10	South of Cedar Junction 3 miles South of Nanaimo	2,182			
8–11	North of Cedar Junction 3 miles South of Nanaimo	3,958			
8-12 L.C.	North of Railway underpass south of Nanaimo	4,470			

Route No. 4 Canadian Highway (Parksville to Port Alberni)

7-2 L.C.	West of Junction at Parksville	n with Route No. 19	1,448
7–22	East of Junctio Qualicum	n with road to	890
7-4	** Hillier's Road V Village	West of Qualicum	298
7 - 3	East of Qualicu Entrance	m Falls Park	1,005
1-7	East of Junctio Alberni	n with road to	
1-1	** Alberni Road 2 m Alberni	niles East of	900
1-6	West of Junction Alberni	n with road to	813
1 <u>-4</u> (*)	↔ Great Central La River Fridge	ake Road at Somass	1,650
1-3	* River Road one with Beaver Cree	nile Mest of Junction ek Road	1,765
1-2	** Beaver Creek Roa with River Road	ad north of Junction	1,280
(*)	Different Locat:	ion in 195 3.	

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Route No. 14 - Sooke Highway

Station No.	Location Descriptio	1954	1955	1956	1957
12 - 5 L.C. ↔	Highway No. 1 South of Colwood Corner	10,085			
12-4	West of Colwood Corner	3,914			
12-3	West of Happy Valley Road	1,380			
12-2	East of Sooke and West of Milnes Landing	1 , 388			
12–1	Jordan River Road West of Sooke	544			

Route No. 17 Patricia Bay Highway (Victoria to Sidney)

31-6 L.C.		North of Glanford Avenue	7,288
31 - 1		North of Royal Oak Cemetary	4,680
31-2		North of Marine Drive	4,031
31-7		South of Junction with East Saanich Road at Airport	2,646
31-3	**	East Saanich Road South of Junction with Route No. 17, a report oft.	905
31 - 5	**	West Saanich Road North of Wilkinson Road	2 ,262
31-4	**	West Saanich Road South of Mt. Newton Cross Road.	664

Route No. 18 Cowichan Lake Road

8–2	South of Junction with Sherman Road	2,290
8-4	Old Island Highway north of Junction with Cowichan Lake Road	664
8-3 L.C.	West of Junction with Old Island Highway	1,867
8-17	East of Cowichan Intersection	1,561
8-18	Road to Youbou one mile from Cowichan Intersection	-1000 gand alien
8-19	South Shore Road to Mesachie Lake, one mile from Cowichan Intersection.	1,015

Route No. 19 - Island Highway

Station No).	Location Description		1955	1956	1957
8-13		North of Nanaimo	3,720			
8-14		North of Wellington	2,280			
7–1		South of Englishmans' River Bridge	1,342			
7-2 L.C.	***	Route No. 4 West of Junction with Route No. 19 at Parksville.	1,448			
7-5 L.C.		North of Parksville				
7-4	***	Hilliers' Road south-west of Qualicum Village.	298			
7-6		North of Qualicum	1,242			
7-7		North of Bowser	915			
7-8		South of Union Bay	1,262			
7–9		North of Union Bay				
7-10		South of Royston	1 , 382			
7-11	**	Royston-Cumberland Road west of Junction with Routs No. 19	597			
7–12		North of Royston	1,998			
7-13	**	 Courtenay-Cumberland Road west of Courtenay 	1,130			
7-14	**	Comox Road 2 miles East of Junction with Route No. 19	2,343			
7-15 L.C.		One mile north of Courtenay	2,055			
7 - 16		South of Merville	datah guda atiga			
7–17		South of Oyster River Bridge	1 , 260			
7-18		South of Campbell River Bridge	1 , 239			
7–19		South of Campbellton and north of Campbell River Village				
7 – 20		North of Campbell River Bridge	9 570 gate 2000			
7–21		North of Mill Entrance at Duncan Bay.	265			

CONTROL STATIONS ON THE TRANS-CANADA HIGHWAY 1954 Engineering District No. 1

Station No.	Location Description	A.D.T.	A.D.W.T.	A.W.T.	Month
12-5	South of Colwood Corner	9,342 9,173 10,085 12,566	11,740	9,309	February April June August
12-19	One mile north of Langford Lake	1,731 2,921 3,357 2,925	4,039	2,693	February April June November
8-1	South of Allenby Road Koksilah	4 , 159	5,192	3,745	June
8–8	One mile South of Cedar Junction North of Ladysmith	2,028 2,506 2,822 3,635 2,796	3,095	2,476	February April June August November
8–12	North of Railway Underpass South of Nanaimo	4,470	5 , 133	4,233	June
	CO TOL STATION	S ON CANADI 1954	AN HIGHWAY		
7-2	West of Junction with Route No. 19 at Parksvil	1,448 le	1,889	- 1,271	June
72		le	-		June
7-2 31-6	Route No. 19 at Parksvil	ON PATAICIA	-		June February June September November
	Route No. 19 at Parksvil: CONTROL STATIONS	le ON PATAICIA 1954 5,885 7,288 8,031 6,250	. BAY HIGHWA 9,395	6,704	February June September

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CONTROL STATIONS ON ISLAND HIGHWAY 1954 Engineering District No. 1

Station No.	Location Description	A.D.T.	A.D.W.T.	A.W.T.	Month
7 5	North of Parksville	1,122 1,202 1,822 1,531			February April August November
7–15	One Mile North of Courtenay	1,648 1,924 2,055	2,609	1,833	February April June

Route No. 1. Trans-Canada Highway

Station No.	•	Location Description	1954	1955	1956	195 7
3-4,5	*****	Kingsway West of Hall Avenue	24 , 105			
L.C.		Pattullo Bridge	33,130			
10-13 S.C.S		Scott Road West of Junction with Route No. 1	6,337			
10-11,12 L	C	North of Junction with Route No, 99	22,576			
10-9,10 SCS		King George Highway Route No. 99 South of Junction with Route No. 1	12,535			
10-7,8		East of Junction with Route No. 99	10 , 878			
10-6		West of Junction with Route No. 99A at Fry's Corner	8,700			
10-5	**	Pacific Highway Route No. 99A south of Fry's Corner.	2,372			
10-4		East of Junction with Route No. 99A at Fry's Corner	6,515			
10-2		West of Langley Prairie	8,675			
10-3	**	New McLellan Road West of Carvolth Road	2,630			
10-1		East of Langley Prairie	5 , 280			
5-14		West of Junction with Route No. 13 to Bellingham	unde erns sens			
5-15	**	Route No. 13 to Bellingham South of Junction with Route No. 1	836			
5-13		East of Junction with Route No. 13 to Bellingham				
5-12 L.C.		One mile East of Aldergrove	508 و 5			
5-11		Between Abbotsford and Clearbrook	7,817			
5-9	**	Route No. 11 Mission-Huntingdon Highway North of Abbotsford	3,518			
5-7 (*)		Abbotsford overpass	6,845			
5–8	**	Route No. 11 Mission-Huntingdon Highway South of Junction with Route No. 1				
5 - 6		Vedder Canal Bridge	4,380			
5-5 L.C.		West of Cultus Lake Road	5,743			
(*)		Different Location 1953.				- 11 -

Route No. 1. Trans-Canada Highway

Station No.	•	Location Description	1954	1955	1956	1957
5 - 4	**	Cultus Lake Road South of Junction with Route No. 1	5 , 815			
5 - 16		East of Cultus Lake Road	9,350			
5 - 3		East of Chilliwack	4,040			
5-2		West of Rosedale	3,452			
5 - 1		East of Rosedale	3,258			
		Route No. 1A Grandview-Dou (Vancouver to New Westmi		way		
3-8		West of Douglas Road				
3-7		East of Sperling Avenue	8,855			
	1994 - 1995 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 -	Route No. 7A Hastings-Barn (Vancouver - Coquitla		ay		
3-1		4 miles West of Clarke Road	2,210			
11 - 19		West of Clarke Road	1 , 550			
11-18		Ioco Overpass	7 , 220			
11-17	**	Ioco Road North of Junction with Route No. 7A.	1,370			
11-23		West of Pipeline Road Junction with Route No. 7.				
		Route No. 7 - Lougheed H (Vancouver to Agassi				in a de la contra d
3-2		East of Boundary Road				
3-3 L.C.		West of North Road	9,844			
3-6	**	North Road South of Junction with Clarke Road	6,560			
11-21		East of North Road	verse territo calititi			
11-22	**	Brunette Road West of Junction with Route No. 7	8,150			
11-20		East of Junction with Brunette Road	5,375			

11-15 South of Junction with Pipeline 2,310 Road

Route No. 7 - Lougheed Highway (Vancouver to Agassiz)

Station No.	Location Description	1954	1955	1956	1957
11–14	** Dewdney Trunk Road West of Junction with Route No. 7	1,218			
11-23	** Route No. 7A West of Junction with Route No. 7				
11-13	East of Junction with Route No. 7A	8,915			
11-12	** North Approach to Coquitlam Village North of C.P.R. Crossing	2,822			
11-11 L.C.	One mile West of Pitt River Bridge	5 , 629			
11-10	1.5 miles West of Haney				
11-9	West of Kanaka Creek Bridge				
11-8	West of Stave River Bridge	2,862			
11-7	West of Mission	3,315			
5 - 10	** Mission Bridge Route No. 11	3,318			
11-6 L.C.	East of Mission	3,098			
11 - 5	Deroche Bridge	1,180			
11-4	East of Deroche	856			
11-3	West of Harrison Hot Springs Road	800			
11-2	** Agassiz-Harrison Hot Springs Road North of Junction with Route No. 7	1,552			
1 1- 1	East of Junction with Harrison Hot Springs Road	1,372			

Route Nc. 11 Mission-Huntingdon Highway

	<u>₽₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩</u>	and a second second second
5 - 10	Mission Bridge	3,318
5-9	North of Abbotsford	3,518
5 - 8	South of Junction with Route No. 1	ana agay ana,

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Route No. 99 - King George Highway

Station No.	Location Description	1954	1955	1956	1957
10 - 9,10 SCS	South of Junction with Route No. 1	12 , 535			
10-17	North of Newton	9 , 735			
10-18	South of Newton	9 , 585			
10-19	North of New McLellan Road	7,915			
10 - 20 **	New McLellan Road West of Junction with Route No. 99				
10 - 21 **	New McLellan Road East of Junction with Route No. 99	1,625			
10-22	South of New McLellan Road	7,775			
10 - 23	3 miles South of Nickomekl Bridge	4,465			
10-24	Campbell Creek Bridge North of Blaine Customs	3 , 774			
	₩, <u>, , , , , , , , , , , , , , , , , , </u>				

Route No. 99A Pacific Highway

10 - 5	South of Junction with Route No. 1 at $Fr_{\mathcal{J}}$'s Corner	2,372
10 - 27 **	• New McLellan Road West of Junction with Route No. 99A	
10 - 26	South of New McLellan Road	1,575
10 - 25	North of U.S. Border	590

Miscellaneous Roads Vicinity of Lulu Island & Ladner

10-38 L.C.	Marpole Bridge	16,201
10-40	Airport Road South of Eburne Bridge	7 , 870
10-39	Eburne Bridge	10 , 520
10-37	No. 5 Road South of Fraser Street Bridge	8,520
10-36 L.C.	No. 5 Road North of Westminster Highway	4 , 329
10-35	Westminster Highway East of No. 5 Road	3,618

Miscellaneous Roads Vicinity of Lulu Island & Ladner

Station No.	Location Description	1954	1955	1956	1957
10-31 (*)	Westminster Highway West of No. 5 Road	1,812	ада - у _л , - «м «Мариян, улдар да области		
10-34	No. 5 Road South of Westminster Highway	6,090			
10-33	No. 5 Road North of Steveston Highway	4 , 280			
10-32	Steveston Highway West of No. 5 Road	140 Ann 240			
10-30	No. 5 Road South of Steveston Highway	2,444			
10-43	Steveston Highway East of No. 3 Road	1 , 690			
10-41	No. 3 Road North of Steveston Highway	2 ,25 0			
10-42	Steveston Highway West of No. 3 Road	1000 000 1000			
10-28	Boundary Bay Road North of Farrel Road	845			
10-29	Ladner Trunk Road West of Goudy Road	2 ,2 85			
10 - 15	Ladner Trunk Road West of Junction with Scott and New McLellan Roads				
10-16	New McLellan Road East of Junction with Scott Road	1 ,1 10			
10-14	Scott Road North of Junction with New McLellan Road				

Un-numbered Routes Marine Drive North & West Vancouver

24-1	East of Junction of Roads to White Cliff & Horseshoe Bay	4 , 560
24–2	2 miles east of Horseshoe Bay and White-Cliff-Junction	
24-3	East of 31st Avenue West Vancouver	7 , 955
24-4	West of Taylor Way	13,850
24 - 5	** Taylor Way North of Inglewood Avenue	6,030
(*)	New Location 1954.	

Un-numbered Routes Marine Drive North & West Vancouver

Station No	•	Location Description	1954	1955	1956	195 7
24-14 (*)	**	Taylor Way south of Woodwards Entrance	8,215			
24-6 L.C.		Capilano River Bridge				
24-8		West of Capilano Road				
24-7	**	Capilano Road North of Marine Drive	6 ,5 25			
24-9		East of Capilano Road	16 , 590			
24-10	**	Grouse Mountain Road North of Marine Drive	3,358			
24-11		East of Lynn Creek				
24-12		Seymour Creek Bridge	4,785			
24-13	**	North Approach to 2nd Narrows Bridge	ll , 730			•

CONTROL STATIONS ON TRANS-CANADA HIGHWAY 1954 Engineering District No. 2

Station No.	Location Description	A.D.T.	A.D.W.T.	A.W.T.	Month
L.C.	Pattullo Bridge	23,075 25,636 33,130 29,813 23,429	27,028 38,435 32,912	21,493 31,028 28,521	March April July September November
10-11,12	North of Junction with Route No. 99	22 , 576	28 , 676	20 , 301	July
5 - 12	One mile East of Aldergrove	3,883 5,508 3,491	7,412	4,807	Mar c h July Novembe r
5-5	West of Cultus Lake Road	3,169 3,995 5,743 4,442	7,015	5,107	March April July November

(*) New Station 1954.

	wignieern	g Ulstrict	140. 2		
Station No.	Location Description	A.D.T.	A.D.W.T.	A.W.T.	Month
-3	West of North Road	7,364 7,707 9,844 6,651	11,643	9,076	March April July November
1-11	One mile west of Pitt River Bridge	3,505 4,281 5,629 3,009	7,840	4,460	March April July November
11–6	East of Mission	2,205 2,677 3,098	3,922	2,750	March April July
	CONTROL STATIONS	ON KING GEC 1954	RGE HIGHWAY	ζ	
10-9,10	South of Junction with Route No. 1	12,535			July
	CONTROL STATIONS	LADNER & L 1954	ULU ISLAND		
LO-13	Scott Road South of Junction with Route No. 1	6 , 337			July
10-36	No. 5 Road North of Westminster Highway	3,520 4,329 2,745	5,104	4,018	March July November
10–38	Marpole Bridge	16,201	15,892	16,368	July
	CCNTROL STATI NORTH &	CONS ON MARI WEST VANCOU 1954			
24-6	Capilano River Bridge	17,553 19,692 20,657			March April November

CONTROL STATIONS ON LOUGHEED HIGHWAY 1954 Engineering District No. 2

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	Location Description	A.D.T.	A.D.W.T.	A.W.T.	Month
annan da guya guya guya da guya da	Agassiz - Rosedale	208 249 372	 473	330	March April July
	Ladner - Woodwards Landing	884 924 1,445	 1 , 635	 1,367	March April July

1954 Engineering District No. 2

Route No. 1 Trans-Canada Highway.

Station No	•	Location Description	1954	1955	1956	1957
41-1 L.C.		West of Junction with Route No. 3 at Hope	4,779			
41-2	**	Hope Princeton Highway Route No. 3 East of Hope Junction	2,826			
41-4	**	Route No. 3 one mile east of Hope Junction				
41-3		North of Junction with Route No. 3 at Hope	3,109			
41-5		North of Fraser River Bridge at Hope	1,130			
41-15		North of Yale				
41-6		North of Boston Bar	<u>9</u> 07			
41-14		South of Lytton Junction	973			
41-8	**	Lillooet Road on Thumpson River Bridge.	318			
41-7		1.5 miles north of Lytton Junction	828			
41-10	**	Route No. 8 East of Spences Bridge	175			
41-9		North of Spences Bridge	911			
18-2		South of Junction with Route No. 2 at Cache Creek				
18-1 L.C.	**	Route No. 2 Cariboo Highway 4.5 Miles south of Clinton	721			
18-4	**	Route No. 2 Cariboo Highway North of Cache Creek Junction	818			
18-3		East of Cache Creek Junction	688			
16-5		West of Junction with Route No. 5 West of Kamloops	1,248			
16-4 S.C.S		Route No. 5 to Merritt one mile south of Junction with Route No. 1	183			
16–1		North of Junction with Route No. 5 West of Kamloops	2,275			
16 2	**	Route No. 5 one mile north of south Thompson River Bridge	1,175			
16-6	**	Route No. 5 south of Heffley Post Office				

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Route No. 1 Trans-Canada Highway.

Station No.		Location Description	195L	Ļ	1955	1956	1957
16-3	***	East of Kamloops	1,97	2			
32-1 L.C.		West of Junction with Route No. 97W at Monte Creek	1,19	וי			
32-3	**	Route No. 97W South of Monte Creek Junction					
32 2		East of Monte Creek Junction	4с)9			
32 - 4		One mile West of Chase	56	62			
32 - 5		One mile east of Chase	69	6			
32 - 6		East of Squilax	47	9			
32-7		North of Tappen	42	22			
32 - 8		East of Salmon River Bridge West of Salmon Arm	1,33	31			
32 - 10		West of Junction with Route No. 97E at Larch Hill	95	58 _.			
32 - 11	**	Route No. 97E South of Larch Hill Junction	82	26			
32 9		East of Larch Hill Junction	600				
32 - 12		Sicamous Narrows Bridge	4,700 - 44 0 0				
32-13		East of Sicamous	57	' 4			
32 -1 4	**	Mara Lake Road 2 miles south of Sicamous	50)6			
29-1		West of Taft	31	.3			
29 2		West of Columbia River Bridge West of Revelstoke	43	9			
29 - 4	**	Road to Arrowhead 7 miles South of Revelstoke	29	9			
29 - 3		Six miles north of Revelstoke	22	22			

Station No.	Location Description	A.D.T.	A.D.W.T.	A.W.T.	Month
41-1	West of Junction with Route No. 3 West of Hope	1,206 4,799	6,172	4 , 250	March August
18-1	Route No. 2 & 97 Cariboo Highway 4.5 Miles south of Clinton	721	835	677	August
32-1	West of Junction with Route No. 97W at Monte Creek	1 , 191	1,614	1,038	August

CONTROL STATIONS ON TRANS-CANADA HIGHWAY 1954 Engineering District No. 3

Route No. 2 & 97 Cariboo Highway

Station No.	Location Description	1954	1955	1956	1957
18–2 *	* Route No. 1 South of Cache Creek Junction	1 , 345			
18-3 *	* Route No. 1 East of Cache Creek Junction	818			
18-4	North of Cache Creek Junction	1,085			
18-1 L.C.	4.5 miles South of Clinton	665			
18-5 (*)	One mile North of Clinton	1,176			
4(S) - 1	Two miles South of 100 Mile House	627			
4(S) - 2	15 miles north of 100 Mile House	678			
4(S)-3 L.C.	Three miles south of 150 Mile House	537			
4(S)-4 *	* Route No. 97 to Williams Lake West of 150 Mile Junction	723			
4(S) - 5	Route No. 2 North of 150 Mile Junction				
4(S)-9 *	* Alternate Route Williams Lake to Soda Creek 4 miles North of Junction with Route No. 97	168			
4(s)-8 *	* Route No. 97, 2 Miles south of North Junction with No. 2 at Hawks Creek Bridge	193			
4(S)-7	Seven miles South of Soda Creek Junction	214			
4(N)-1	Soda Creek Bridge	368			
4(N)-2	North of Kersley	523			
4(N)-3	2.5 miles south of Quesnel River Bridge	643			
4(N)-4	South of Junction with Road to Wells	1,243			
4(N) - 5 *	* Road to Wells East of Junction with Cariboo Highway	324			
4(N) - 6	2.5 miles North of Junction with Road to Well	8.00 maa 460			
14-1	South of Stone Creek Bridge 9 miles North of Woodpecker	10.0 100 000			
(*)	Different Location in 1953				- 2 2 -

Route No. 2 & 97 Cariboo Highway

an a						
Station No.	Location Description		1954	1955	1956 19 5	57
14-2	16 Miles South of Prince George		474			
14-3	South of Junction with Willow River Road		1,058			
14-4 **	Willow River Road one mile East of Junction with Cari Highway		630			
14-5 L.C.	One mile North of Willow River Road Junction		1,797			
14-8 **	Route No. 16 Northern Tran Provincial 13 miles west o Prince George		393			
14-6	6.5 miles north of Nechako River Bridge, south of Chief Lake Junction)				
14-7	1.5 miles north of Chief Lake Junction		582			
	CONTROL STATION 1 Engineering Dis	-954				
Station No.	Location Description	A.D.T.	A. D. W.T.	A.W.T.	Month	
18-1	4.5 miles South of Clinton	665			September	
4(s) - 3	Three miles south of 150 Mile House	537	593	515	September	
14-5	One mile North of Willow River Road Junction	1,797	2,019	1,707	September	

Route No. 3 Southern Trans Provincial Highway

Station No.		Location Description	1954	1955	1956	195 7
41-1 L.C.	**	Route No. 1 West of Junction with Route No. 3 at Hope	4,779			
41-2		East of Hope Junction	2,826			
41-4		One mile East of Hope Junction				
33-1		West of Princeton	3,315			
33 - 2	**	Road to Tulameen West of Tulameen River Bridge	394			
33-3	**	Route No. 5 One mile north of Tulameen River Bridge	539			
33 - 4A	**	Copper Mountain Road South of Junction with Route No. 3	647			
33-4 L.C.		East of Princeton	2,250			
33 - 16		One mile West of Keremeos	1 , 765			
33 - 6	**	Cawston Road South of Junction with Route No. 3	868			
33 - 5		East of Keremeos	1,796			
33-7		West of Kaleden Junction	nama watan ujibay			
33-8	**	Route No. 97 north of Kaleden Junction	3,440			
33-9 L.C.		1.5 miles south of Kaleden Junction	1,998			
33-12		North of Oliver	prode soliter frank			
33 - 13		Five miles south of Oliver				
33-14	**	Route No. 97 South of Osoyoos Junction	2,160			
33 - 15		East of Osoyoos Bridge	1,230			
15 - 12		West of Rock Creek Canyon Bridge	650			
15 - 1	**	Rock Creek-Kelowna Road 2.5 miles north of Junction with Route No. 3				
15-2		Three miles East of Rock Creek Village	605			
15 - 3		4.7 miles East of Midway	stadis stadio solare			
15-4		One mile East of Greenwood	517			

Route No. 3 Southern Trans Provincial Highway

Station No.	•	Location Description	1954	1955	1956	195 7
15 - 5		West of Junction with Road to Danville Customs	744			
1 5- 6		East of Junction with Road to Danville Customs	1 , 322			
15-7 S.C.S.	•	2.5 miles east of Bridge at Grand Forks	745			
15 - 8		West of Cascade Junction	746			
15-9	**	Road to Laurier Customs south of Cascade Junction	435			
15-10		North of Cascade Junction	536			
15–11		East of Junction with Christina Lake Road	158			
30-1	**	Road to Paterson Customs south of Junction with Route No. 3	733			
30-2		West of Junction with Road to Paterson Customs	345			
30-3		East of Junction with Road to Paterson Customs	1,245			
30-4 L.C.		Between Rossland & Trail West of Cemetary Gates	2,087			
30-6 (*)	**	Route No. 3A Trail-Salmo- Nelson 1.7 Miles East of Trail-Columbia River Bridge	2,563			
30-5		East of Tadanac	1,450			
30–11		East of Railway Crossing East of Blueberry Creek	1,405			
L.C.		Castlegar Ferry	1,608			
30-9	**	Syringa Creek Road West of Ferry Landing	1 , 035			
30-10	**	Syringa Creek Road 2.5 miles West of Ferry Landing	293			
30 - 7		West of Junction with Airport Road 2 miles east of Ferry Landing	1,187			
21-2		West of South Slocan Junction	000ga amati (ganta			
21 - 1	**	Route No. 6 North of South Slocan Junction	770			
21-3		East of South Slocan Junction West of South Slocan Village	1,182			
(*)		Different Location in 1953				- 25 -

Route No. 3 Southern Trans Provincial Highway

Station No.	Location Description	1954	1955	1956	195 7
21 - 17	3.5 miles East of South Slocan Village	1,010	4		an - 20 c an
21-4	One mile West of Nelson	1,774			
21 - 5 *	* Route No. 6 & 3A Nelson to Salmo one mile South of Nelson	1,210			
L.C.	Nelson Ferry	1,966			
21–6	One Mile east of Nelson Ferry Landing	1,740			
21-7	West of Kaslo Road Cutoff	775			
21 -7 A	West of Ferry Landing	86 2			
21-8 *	* Road to Kaslo One mile North of Ferry Landing	416			
L.C.	Kootenay Lake Ferry	49 7			
21-12 S.C.S.	Two miles west of Creston	1,062			
21 - 9 *	* Creston-Porthill Road 2.5 miles south of Creston				
21 - 16 *	* Lister Road 1.5 miles south of Erickson	952			
21-10	East of Erickson	873			
21–11	East of Kitchener	628			
9-1	West of Kingsgate Junction	654			
9 2 *	* Route No. 95 South of Kingsgate Junction	890			
9-3	East of Kingsgate Junction	1,370			
9-4 (*) LC	West of Cranbrook	2,314			
9 - 5	West of Junction with Route No. 95 East of Cranbrook	400, 480 400,			
9 -7 *	* Route No. 95 north of Junction with Route No. 3	2,242			
9 6	East of Junction with Route No. 95	1,022			
9 - 8	East of Junction with Road to Fort Steele	844			
9 -12 *	* Fort Steele Road North of Junction with Route No. 3	166			
(*)(~	Different Location in 1953				- 26 -

Route No. 3 Southern Trans Provincial Highway

Station No.	Location Description		1955	1956	195 7
13-1 S.C.S.	West of Junction with Rout No. 93 West of Elko	e 1 , 335			
13-2 **	Route No. 93 to Waldo Sout of Junction with Route No.				
13-3 **	* Elko-Roosville Customs Roa 1.5 miles South of Junctio with Route No. 3				
13-4	East of Elko Junction	82 2			
13-5	East of Fernie	1,572			
13-6	Nine miles West of Natal	1,210			
13 -7	One mile West of Crowsnest Station	1,232			
	Route	District No. 6 No. 3A - Nelson Highway			
30-6 (*)	l.7 miles East of Trail- Columbia River Bridge	2 , 563		sayan na sini ka sa	
30-8	East of Fruitvale	eur 2011 2010			
21 -1 4	West of Salmo	1,016			
2 1- 15 **	Route No. 6 South of Salmo	7 89			
21-13	Two miles North of Salmo	959			
21 5	One mile South of Nelson	1,210			
		N TRANS PROVINCIAL 954 icts Nos. 4, 5, & 6			
Station No.	Location Description	A.D.T. A.D.W.T.	. A.W.T.	Month	
41-1	Route No. 1 West of Junction with Route No. 3 West of Hope	4,799 6,127	4,250	August	
33 - 4	East of Princeton	2,250		August	
33-9	1.5 miles south of Kaleden Junction	1,998		August	
(*)	Different Location in 1953				
					0 -

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CONTROL STATIONS SOUTHERN TRANS PROVINCIAL HIGHWAY 1954 Engineering Districts Nos. 4, 5, & 6

Station No.	Location Description	A.D.T.	A.D.W.T.	A.W.T.	Month
15 7	2.5 miles east of Bridge at Grand Forks	745			August
30-4	Between Rossland and Trail West of Cemetary Gates	2,087	2,288	2,020	August
L.C.	Castlegar Ferry	1,608	2,011	1,512	August
L.C.	Nelson Ferry	1,966	2,240	1,850	August
L.C.	Kootenay Lake Ferry	497	55 3	474	August
9-4	West of Cranbrook	2,314	2,861	2,180	August
13-1	West of Junction with Route No. 93 West of Elko	1,335	1,684	1,195	August

AUTOMATIC TRAFFIC RECORDER VOLUME COUNTS Engineering District No. 3

Route No. 5 Princeton to Kamloops

Station No.	Location Description	1954	1955	1 956	1957
33 - 3	One mile north of Tulameen Bridge	539			
41-13	Two miles south of Junction with Route No. 8 at Merritt	291			
41 - 11 **	Route No. 8 Two miles West of Junction with Route No. 6 at Merritt	558			
41-12	One mile North of Junction with Route No. 8 at Merritt	356			
16-4 s.c.s.	One Mile South of Junction with Route No. 1	183			

Engineering Districts Nos. 5 & 6 Route No. 95 Kootenay - Columbia Highway

9-2	South of Kingsgate Junction	897
9 - 1 *	** Route No. 3 West of Kingsgate Junction	654
9-3	East of Kingsgate Junction	1,370
9-4 (*) LC	West of Cranbrook	2,314
9-5	West of Junction with Route No. 3 East of Cranbrook	···· ··· ···
96 *	** Route No. 3 East of Junction with Route No. 95 East of Cranbrook	1,022
9 - 7	North of Junction with Route No. 3 East of Cranbrook	2,242
9 - 9	Two miles south of Kimberley	2,548
9–10	Two miles North of Kimberley	1,037
9-11	North of Road to Wasa	960
6-1 S.C.S.	South of Dutch Creek Bridge	1,022
6–2	North of Junction with Road to Invermere South of Fairmont Hot Springs	
6-7	One mile north of Windermere	1,314
6 - 8 *	** Invermere-Athalmer Road East of Columbia River Bridge	829
(*)	Different Location in 1953	

AUTOMATIC TRAFFIC RECORDER VOLUME COUNTS Engineering Districts Nos. 5 & 6

Route No. 95 Kootenay - Columbia Highway

Station No.	Location Description	1954	1955	1956	1957	
6-3	One mile South of Radium Junction	1 ,2 60				
6–4 **	Vermillion Road through Kootenay National Park East of Junction with Route No. 95	632				
6 - 5	North of Radium Junction	447				
CONTROL STATIONS ON KOOTENAY COLUMBIA HIGHWAY Route No. 95 Engineering District Nos. 5 & 6						
Station No.	Location Description	A.D.T. A.D.W.T	• A.W.T.	Month		
9-4 (*)	West of Cranbrook	2,314 2,861	2,180	August		
6-1	South of Dutch Creek Bridge	1,022	an	August		

Different Location in 1953

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(*)

AUTOMATIC TRAFFIC RECORDER VOLUME COUNTS Engineering Districts Nos. 3 & 4

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Route No. 97 Okanagan Highway (Salmon Arm to Osoyoos)

Station No.	Location Description	1954	1955	1956	1957
32-11	Route No. 97E South of Junction with Route No. 1 at Larch Hill	826	na 64,000,000,000,000,000,000,000,000,000,0		
23-1	Route No. 97E West of Thompkinson's Corner	834			
23 - 2 **	Mara Lake Road East of Thompkinson's Corner	764			
23-3 L.C.	Route No. 97E South of Thompkinson's Corner				
23-4 **	Mable Lake Road one mile East of Junction with Route No. 97E in Enderby	600, 415 600			
23 5 **	• Old Enderby to Vernon Road One mile from Junction with Route No. 97E	120			
23 - 6	Route No. 97E Eleven miles north of Vernon				
23 - 7 **	Route No. 97W 8.5 miles north of Vernon	1,041			
23-8 S.C.S. **	Route No. 6 Two miles East of Vernon	1,367			
23–10 **	← Route No. 6 to Monashee Pass East of Echo Lake Road	449			
23-12 **	Route No. 6 Two miles East of Cherryville Junction				
23-9	One mile South of Vernon	1,462			
23 -1 1	Four miles south of Oyama	1,618			
35-5 S.C.S.	North of Five Corners North of Kelowna	2,145			
35-4	North of Kelowna and South of J unc tion with Road to Rutland				
35-6 _ **	Okanagan-Mission Highway south of Bluebird Bay Resort	60 00 kud 6005			
L.C.	Kelowna-Westbank Ferry	1,775			
35-3 S.C.S.	North of Westbank	1,546			
35 - 2	North of Peachland	1,770			
35-1	One mile north of West Summerland Road Junction	1 , 637			

AUTOMATIC TRAFFIC RECORDER VOLUME COUNTS Engineering Districts Nos. 3 & 4

Route No. 97 Okanagan Highway (Salmon Arm to Osoyoos)

Station No.	Location Description	1954	1955	1956	1957
33-11	South of Okanagan River Bridge North of Penticton	900 AT 200			
33-10	North of Okanagan River Bridge South of Penticton	3,425			
33 - 8	North of Kaleden Junction	3,440			
33–7 **	Route No. 3 West of Kaleden Junction				
33-9 L.C.	South of Kaleden Junction	1,998			
33 - 12	North of Oliver	ane 900 (809)			
33 - 13	Five miles south of Oliver				
33– 15 **	Route No. 3 East of Osoyoos Bridge	1,230			
33 - 14	South of Junction with Route No. 3 at Osoyoos	2,160			

CONTROL STATIONS OKANAGAN HIGHWAY 1954 Engineering Districts Nos. 3 & 4

Station. No.	Location Description	A.D.T.	A.D.W.T.	A.W.T.	Month
35 - 5	North of Five Corners North of Kelowna	2 , 145			August
L.C.	Kelowna Westbank Ferry	1,775	2,159	1,618	August
35-3	North of Westbank	1,546	maga dini diga	000 000 000	August
33- 9	South of Kaleden Junction	1 , 998	canal Allin sour	0-0 -0-0 -0-0	August