

Northwest Territories
Highway Traffic, 1998



Northwest
Territories

Transportation

Northwest Territories
Highway Traffic, 1998

Department of Transportation
Government of the Northwest Territories
August 1999

Acknowledgements

This report was prepared by the Transportation Planning Division of the Department of Transportation, Government of the Northwest Territories, in co-operation with Highway Operations, Marine Services and Motor Vehicles.

If you have any comments or questions related to the content of this report, please contact the Transportation Planning Division at telephone (867) 873-7666, or by facsimile at (867) 920-2565.

Table of Contents

Table of Contents

List of Figures

List of Tables

1.0 Summary of Traffic Data Collection Activities and Analysis

1.1 Background

1.2 Traffic Data Collection System

1.3 Traffic Data Processing Procedures

1.4 Glossary of Terms

1.5 Layout of the Report

2.0 Highway Traffic Volume Data

3.0 Vehicle Classification Data

4.0 Other Highway Traffic Information

Appendix A 1998 Traffic Distribution Data at Permanent Counter Locations

Appendix B Short Term Visual Traffic Count Data at Selected Locations

List of Figures

- | | |
|-----------|---|
| Figure 1 | Northwest Territories Permanent and Seasonal Counter Locations (1998) |
| Figure 2 | 1998 AADT at Permanent Counters |
| Figure 3 | 1998 AADT on Highway Segments |
| Figure 4 | Distribution of Monthly Traffic |
| Figure 5 | Distribution of Daily Traffic |
| Figure 6 | Distribution of Hourly Traffic |
| Figure 7 | Vehicle-Kilometres Travelled on Northwest Territories Highways |
| Figure 8 | Average Daily Traffic on Highway Ferries |
| Figure 9 | Commercial Vehicles Weighed/Waved at the Enterprise Weigh Scale |
| Figure 10 | Commercial Vehicle Registrations at the Enterprise Weigh Scale |
| Figure 11 | Yearly Total of Commercial Vehicles Weighed and Waved at the Enterprise Weigh Scale |
| Figure 12 | Vehicle Classifications |
| Figure 13 | Short-Term Intersection Volume Counts |
| Figure 14 | Short-Term Traffic Classification Counts |

List of Tables

Table 1	Highway System Classification (1998)
Table 2	Permanent and Seasonal Counter Locations
Table 3	Traffic on Northwest Territories Highways
Table 4	Traffic on Northwest Territories Access Roads (sorted by year)
Table 5	Traffic on Northwest Territories Access Roads (sorted by counter)
Table 6	Traffic on Northwest Territories Winter Roads (sorted by year)
Table 7	Traffic on Northwest Territories Winter Roads (sorted by counter)
Table 8	Opening and Closing Dates for Ice Bridges
Table 9	Vehicle-Kilometres Travelled on Northwest Territories Highways
Table 10	Dory Point Ferry Vehicle Classification Data (M.V. Merv Hardie)
Table 11	Liard River Ferry Vehicle Classification Data (M.V. Lafferty)
Table 12	Mackenzie River Ferry Vehicle Classification Data (M.V. Louis Cardinal)
Table 13	Peel River Ferry Vehicle Classification Data (C.F. Abraham Francis)
Table 14	Mackenzie River Ferry Vehicle Classification Data (M.V. Johnny Berens)
Table 15	Vehicle Classification Data from Short-Term Visual Counts
Table 16	Truck Traffic on Selected Winter Mining Roads

Section 1.0

Summary of Traffic Data Collection Activities and Analysis

1.0 Summary of Traffic Data Collection Activities and Analysis

1.1 Background

The Northwest Territories highway network consists of 2200 kilometres of all-weather roads and 1300 kilometres of winter roads. The highway system also includes five vehicle ferries. A map of the highway network is provided in Figure 1. A detailed listing of the highway system classification by surface type is provided in Table 1. It is noted that, in addition to the above, there are a number of winter roads constructed by mining companies to facilitate mine resupply.

The Department of Transportation of the Government of the Northwest Territories is responsible for the operation and maintenance, and the capital rehabilitation and upgrading of the Northwest Territories highway network. To monitor traffic utilizing the highway system, the Department of Transportation operates a series of mechanical counters and conducts periodic visual counts and surveys. Information obtained from these counts is used by the Department to monitor changes in traffic flows, to classify highways, to set priorities in maintenance and capital funding, to monitor safety aspects of the highways and to optimize engineering designs. Traffic data is also used by business and the general public as needs arise.

This report presents the highway traffic data collected by the Department of Transportation on the territorial highway network from 1993 to 1998. This report includes traffic information collected on major highways, access roads and winter roads. The report also contains information on vehicle classifications and turning movements at select intersections.

1.2 Traffic Data Collection System

In 1998, the Department of Transportation collected traffic from 52 permanent and seasonal counting stations. These stations provide hourly information on traffic for the complete year, or selected portions of the year for counters located on winter roads or other seasonal access roads. These stations are positioned to capture the general flow of traffic on the highway network. Permanent counter locations are provided in Table 2 and illustrated in Figure 1.

Vehicle classification information is collected at the five highway ferries. The Marine Services Division of the Department of Transportation is responsible for collecting and processing this information. Periodically, vehicle classification information data was collected at selected locations using a GK Instruments LTD. Series 6000 two-tube axle classifier. Highway Operations was responsible for collecting and processing this information.

Special turning movement counts at select intersections and visual vehicle classification counts are also conducted as the need arises. No turning movement counts were conducted in 1997.

In 1998, the permanent traffic counters located on Highway 3 km 175 (counter ID 3-175) and Highway 3 km 240 (counter ID 3-240) were removed. These two counters will be reinstalled in 1999.

Figure 1
Northwest Territories Permanent
and Seasonal Traffic Counter
Locations (1998)

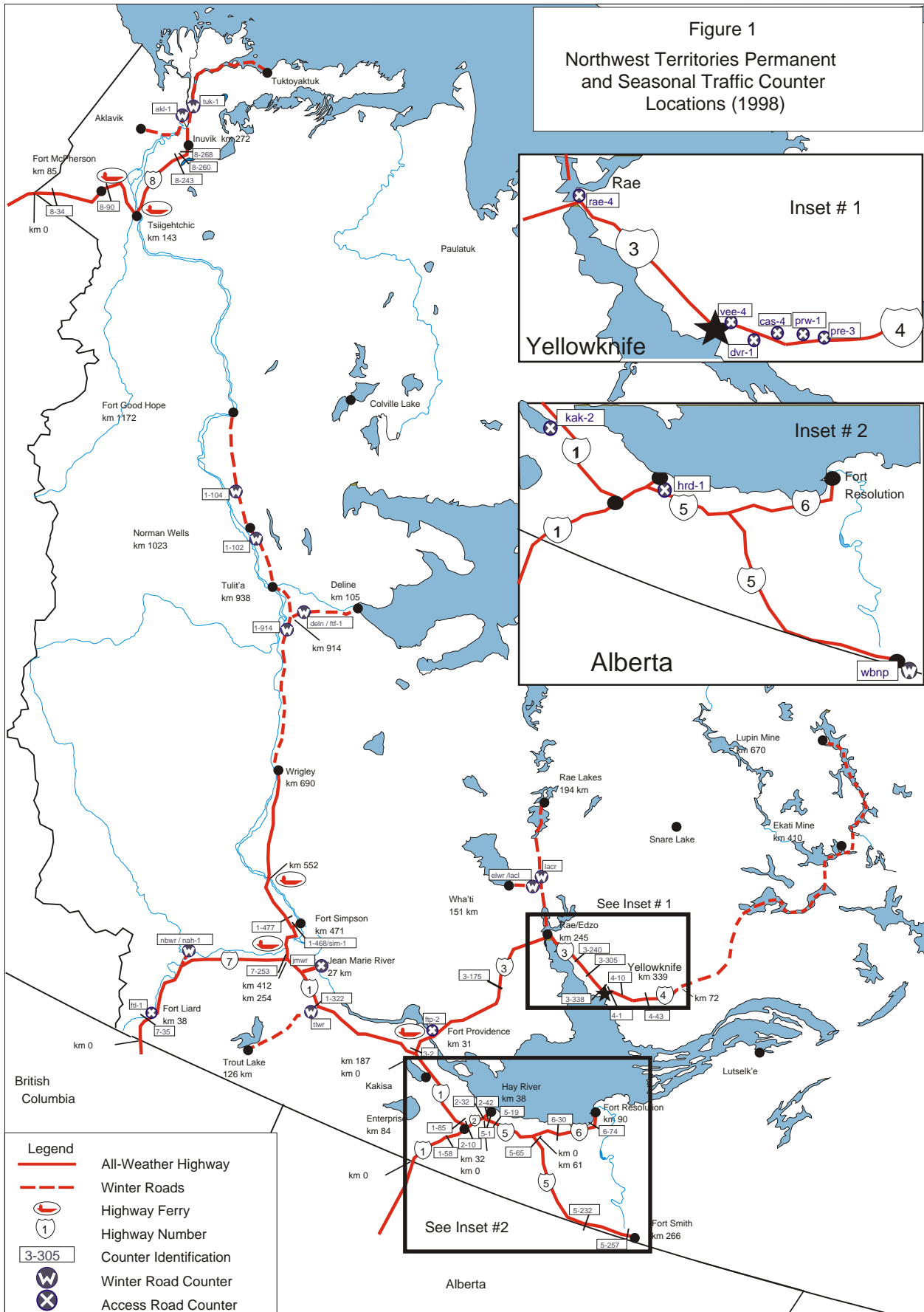


Table 1 Highway System Classification (1998)

Classification	Length (kilometres)				Total
	Paved	Dust- Controlled Gravel	Untreated Gravel	Winter Road	

All-Weather Highways

Highway 1 (Mackenzie Highway to Wrigley)	191.2	299.8	199.0	-	690.0
Highway 2 (Hay River Highway)	43.7	-	-	-	43.7
Highway 3 (Yellowknife Highway)	248.3	90.5	-	-	338.8
Highway 4 (Ingraham Trail)	22.3	46.9	-	-	69.2
Highway 5 (Fort Smith Highway)	122.0	144.0	-	-	266.0
Highway 6 (Fort Resolution Highway)	23.5	66.5	-	-	90.0
Highway 7 (Liard Highway)	-	142.2	111.9	-	254.1
Highway 8 (Dempster Highway)	10.0	103.2	156.1	-	269.3
Total	661.0	893.1	467.0	0.0	2,021.1

Access Roads

Kakisa Lake Access	-	12.9	-	-	12.9
Fort Simpson Access	3.4	-	-	-	3.4
Jean Marie River Access	-	-	27.0	-	27.0
Fort Providence Access	5.5	-	-	-	5.5
Rae Access	10.5	-	-	-	10.5
Dettah Access	-	11.3	-	-	11.3
Hay River Reserve Access	-	14.2	-	-	14.2
Fort Liard Access	-	5.3	-	-	5.3
Hay River Hwy. No. 2 Km 43.7 - 48.6	4.9	-	-	-	4.9
Yellowknife Access	1.7	-	-	-	1.7
Fort McPherson Access	-	1.1	-	-	1.1
Inuvik Access	0.6	-	-	-	0.6
Inuvik Marine Bypass	-	3.2	-	-	3.2
Nanisivik - Arctic Bay Road	-	-	37.9	-	37.9
Miscellaneous Minor Access	3.5	22.2	53.4	-	79.1
Total	30.1	70.2	118.3	0.0	218.6

Winter Roads

Highway 1 (Mackenzie Highway, Wrigley to FGH)	-	-	-	480.0	480.0
Highway 3 Ice Crossing	-	-	-	13.0	13.0
Trout Lake Access	-	-	-	126.0	126.0
Deline Access	-	-	-	105.0	105.0
Wha'ti Road	-	-	-	145.0	145.0
Rae Lake Road	-	-	-	100.0	100.0
Nahanni Butte Access	-	-	-	22.0	22.0
Tuktoyaktuk Access	-	-	-	194.0	194.0
Aklavik Access	-	-	-	86.0	86.0
Dettah Access	-	-	-	6.0	6.0
Total	0.0	0.0	0.0	1,277.0	1,277.0

Total All-Weather Roads	2,239.7
Total Winter Roads (Department of Transportation)	1,277.0

Table 2 Permanent and Seasonal Counter Locations

Counter ID	Location (Hwy / Road)	Kilometre	Description
------------	-----------------------	-----------	-------------

All-Weather Highways

1-58	Highway 1	58	15 km south of Alexandra Falls
1-85	Highway 1	85	1.2 km west of Enterprise
1-322	Highway 1	322	0.4 km west of Trout Lake winter road
1-477	Highway 1	477	5.2 km west of Fort Simpson Access on Highway 1
2-10	Highway 2	10	10 km north of Enterprise, south of Paradise Gardens
2-32	Highway 2	32	40 metres north of Highway 2 and 5 intersection, south of service road
2-42	Highway 2	42	North of West Channel, across bridge
3-2	Highway 3	2	2 km north of Highway 1 and 3 intersection, south of ferry landing
3-175	Highway 3	175	53 km north of Chan Lake, 62 km south of Edzo
3-240	Highway 3	240	3 km south of Rae Access, north of Edzo
3-305	Highway 3	305	1.7 km east of Boundry Creek
3-338	Highway 3	338	0.8 km west of Highway 3 and 4 intersection
4-1	Highway 4	1	1 km north of Highway 3 and 4 intersection
4-10	Highway 4	10	2.5 km east of Yellowknife River Bridge / 300 m west of Dettah access road
4-43	Highway 4	43	11 km east of Prelude Lake East Access, 12 km west of Cameron River
5-1	Highway 5	1	1 km west of Highway 2 and 5, 1.5 km east of Hay River Reserve Access
5-19	Highway 5	19	10.6 km east of Sandy Creek, 19 km east of Highway 2 and 5 intersection
5-65	Highway 5	65	5 km south of Highway 5 and 6 intersection
5-232	Highway 5	232	12.3 km west of Salt River Village Access
5-257	Highway 5	257	6.1 km west of Fort Smith
6-30	Highway 6	30	8.5 km east of Pine Point Access
6-74	Highway 6	74	16 km west of Fort Resolution
7-35	Highway 7	35	2.6 km south of Fort Liard
7-253	Highway 7	253	0.3 km south of Highway 1 and 7 intersection
8-34	Highway 8	34	10 km west of Midway Lake
8-90	Highway 8	90	4.6 km north of Fort McPherson Access
8-243	Highway 8	243	1 km south of Cabin Creek
8-260	Highway 8	260	0.7 km north of airport access
8-268	Highway 8	268	1.3 km south of Inuvik

Access Roads

cas-4	Cassidy Point	1	1 km north of junction with Highway 4
dvr-1	Dettah	1	1 km south of junction with Highway 4
ftl-1	Fort Liard	1	1 km west of junction with Highway 7
ftp-2	Fort Providence	2	2 km west of junction with Highway 3
hrd-1	Hay River Dene Reserve	1	1 km north of junction with Highway 5
jmwr	Jean Marie River	1	1 km north of junction with Highway 1
kak-2	Kakisa	2	2 km south of junction with Highway 1
pre-3	Prelude East	1	1 km north of junction with Highway 4
prw-1	Prelude West	1	1 km north of junction with Highway 4
rae-4	Fort Rae	4.2	4.2 km north of junction with Highway 3
vee-4	Vee Lake	4.3	4 km north of junction with Highway 4
sim-1	Fort Simpson	1	1 km north of junction with Highway 1

Winter Roads

1-914	Highway 1	914	northern-most side of junction of Highway 1 and Deline Access
1-102	Highway 1	1022	1.4 km south of Norman Wells
1-104	Highway 1	1031	7.6 km north of Norman Wells
akl-1	Aklavik	1	1 km west of junction with Tuktoyuktuk winter road
deln / ftf-1	Deline	1	1 km east of junction with Highway 1
elwr / lacl	Wha'ti	72	1 km west of junction with Rae Lakes Access road
lacr	Wha'ti / Rae Lakes	72	1 km north of junction with Wha'ti Access road
nbwr / nah-	Nahanni Butte	2	2 km west of junction with Highway 7
tlwr	Trout Lake	1	1 km south of junction with Highway 1
tuk-1	Tuktoyuktuk	1	km 34 on Tuk Winter road, 1 km north of junction with Aklavik winter road
wbnp	Wood Buffalo National Park		

Note:

1. In 1998, counters 3-175 & 3-240 were removed. The counters will be reinstalled in 1999.

1.3 Traffic Data Processing Procedures

The permanent traffic counters located throughout the Northwest Territories highway network collect traffic on a continuous basis. This data is stored on a recording device (module) every hour. Approximately once per month personnel working out of the highway maintenance camps replace the data modules, retrieving the module with the prior months traffic and replacing it with another.

The retrieved module is then sent to Hay River where personnel with the Highways and Engineering Division download the data from the module to disk (ASCII format) and conduct a first level screening of the data. Any problems are noted in a summary report and corrupt data is disregarded. The disks and summary report are then sent to the Transportation Planning Division in Yellowknife where the data is uploaded into a Microsoft Excel database and analyzed to obtain the information presented in this report.

The first step in the analysis of the traffic data is to check for completeness and accuracy in the data. Common problems include missing data due to the counter or module not functioning correctly, overlapping or missing data between months, and counts too high or low due to counter malfunctions. To ensure accurate results and yet provide as much information as possible, a series of procedures has been established to correct deficiencies in the data. These steps are outlined below. Estimated data is noted as such.

- If less than one week of data is missing, an average of the hourly count in the week prior and the week following is calculated and applied to the missing data.
- If over one week of data is missing but less than a month, the first step is to obtain the data from the previous year. If the data cannot be found, an average of the first prior week and the first following week is calculated and applied to the missing data.
- If over one month of data is missing, data from the previous year is applied to the missing data, if available. If this data is not available then the data is left blank.
- If greater than 50% of the original data is missing, the counter is considered to have insufficient data to estimate the average annual daily traffic.
- In the "Input Data" tables provided in Appendix A only 1998 data is shown; if there is at least one day of every weekday present in a month, then the month's weekday volumes are presented. If not available the data is left blank. In the "Summary Data" tables, data from previous years is added if available and required.
- For counters located on access roads and winter roads no extra information is introduced. Only the data collected in the current year is presented.

1.4 Glossary of Terms

Average Annual Daily Traffic (AADT) is an estimate of the mean daily traffic for a period of one year.

Average Daily Traffic (ADT) is an estimate of the mean traffic for a specified period of time. For example, monthly ADT is an estimate of the mean daily traffic for a specified month.

Near Urban Highway is a section of highway located within or near a major urban centre.

Peak Summer Average Daily Traffic (PSADT) is an estimate of the mean daily traffic for the months of June, July and August.

Permanent Traffic Counter is a counter that is permanently placed at a specific location and counts traffic continuously.

Rural Highway is a section of highway located away from the traffic influence of a major urban centre.

Short Term Counts provide measurements of traffic characteristics based on visual observation for a specified period of time and purpose.

Traffic distributions illustrate how traffic varies over time. Distributions may be by month, by day of the week or hourly, and is usually measured as a percent of the AADT.

Vehicle Classification is the distribution of vehicle types in a traffic stream.

Vehicle Kilometres Travelled is the total number of vehicles for a specific road segment multiplied by the length of the road segment.

1.5 Layout of the Report

This report is organized into four sections.

The first section provides an introduction to the Northwest Territories traffic data collection system.

The second section presents the traffic information collected at all permanent counter locations, including traffic volumes, distributions and vehicle kilometres travelled.

The third section presents traffic information collected on highway ferries, vehicle classification data from short-term counts, selected mining roads, and commercial vehicles from the Enterprise Weigh Scale.

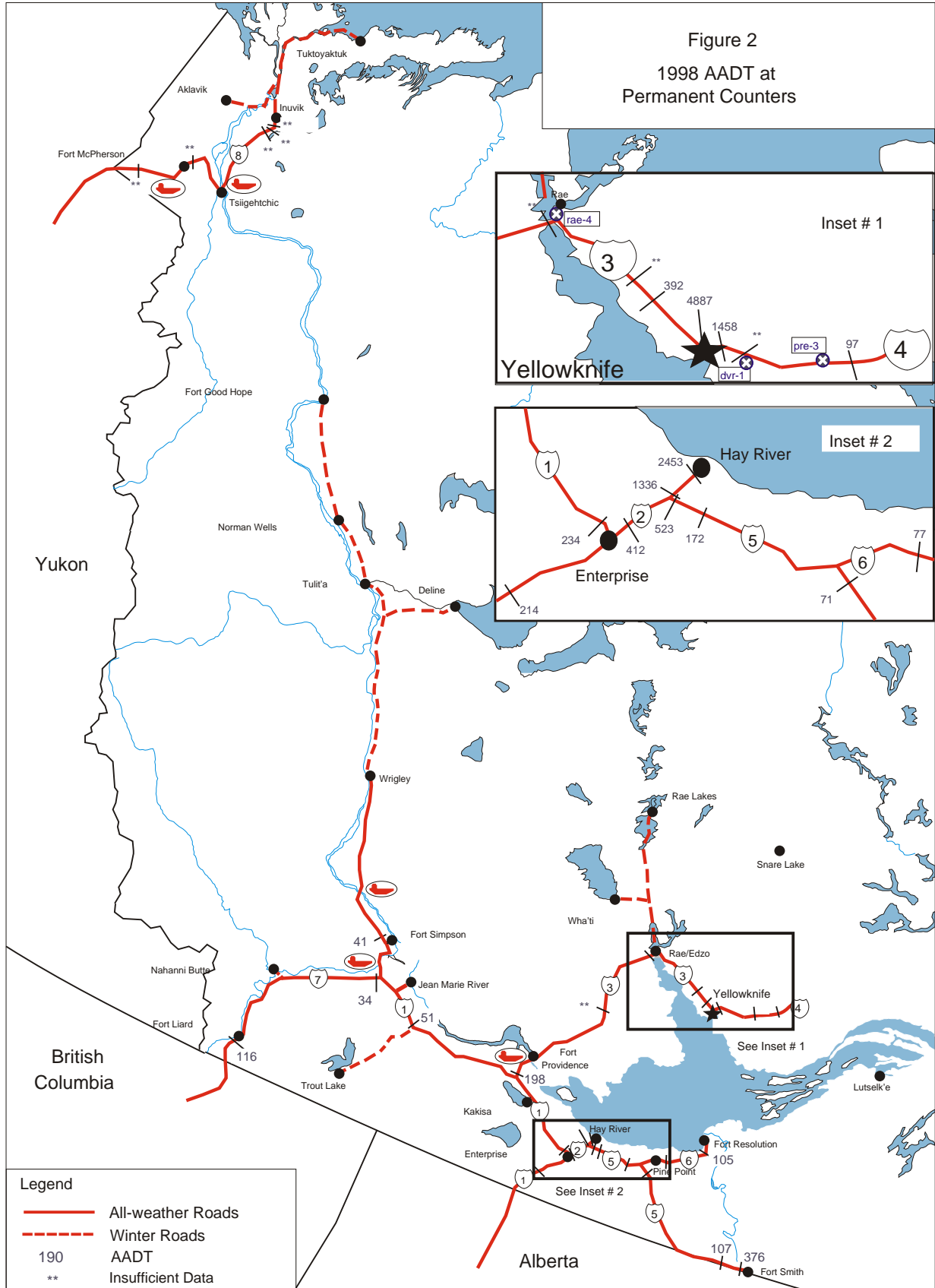
The fourth section presents the results of the short term counts. This consists of turning movement studies conducted at four intersections, and short term traffic classification at four locations.

Additional detailed traffic information is presented in the appendices.

Section 2.0

Highway Traffic Volume Data

Figure 2
1998 AADT at
Permanent Counters



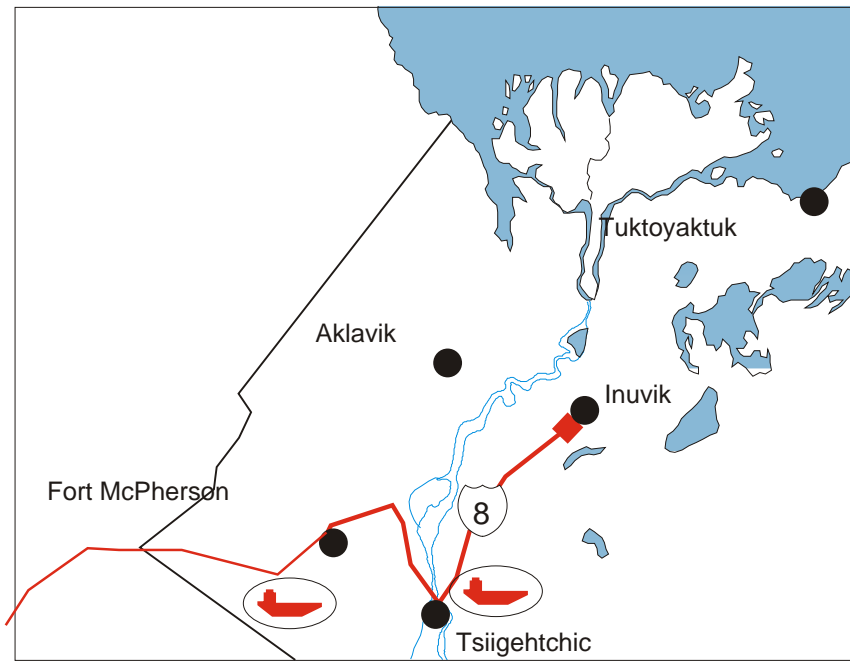


Figure 3
1998 AADT on
Highway Segments

Line Thickness	AADT
	0-49
	50-99
	100-199
	200-299
	300-399
	400-499
	500-999
	1000-

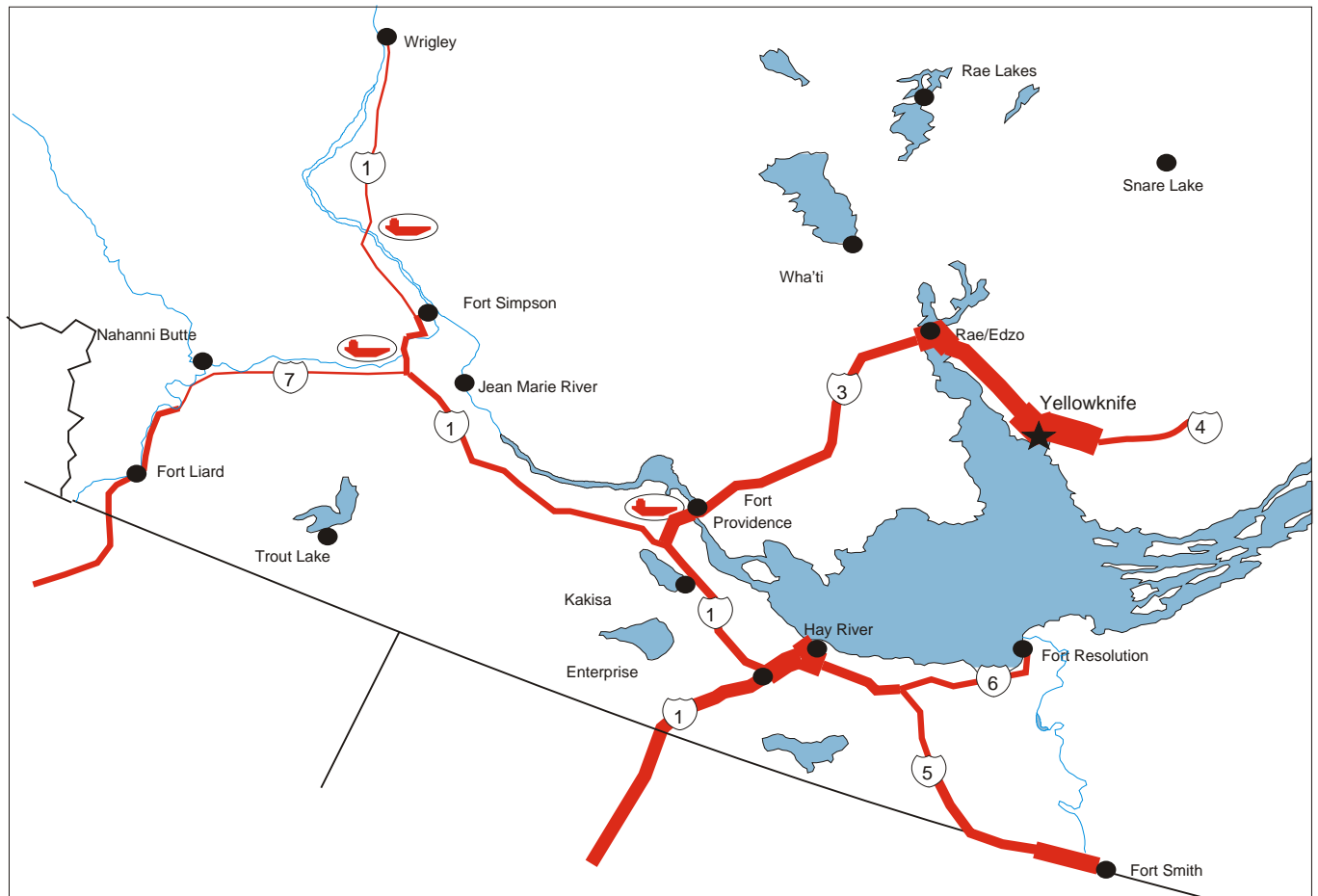


Table 3 Traffic on Northwest Territories Highways

Highway	Kilometre	Counter ID	Description	AADT						PSADT					
				1998	1997	1996	1995	1994	1993	1998	1997	1996	1995	1994	1993
1	58	1-58	15 km south of Alexandra Falls	210	210	210	220	210	200	320	320	290	320	300	270
1	85	1-85	1.2 km west of Enterprise	230	240	240	230	220	200	330	330	330	330	310	300
1	322	1-322	0.4 km west of Trout Lake winter road	50	50	50	50	50	40	80	80	80	80	80	60
1	477	1-477	5.2 km west of Fort Simpson Access on Highway 1	40	40	40	40	50	40	50	60	50	50	50	40
2	10	2-10	10 km north of Enterprise, south of Paradise Gardens	410	390	400	400	380	340	520	500	480	520	470	440
2	32	2-32	40 metres north of Highway 2 and 5 intersection	1340	1320	1340	1350	1310	1310	1760	1740	1790	1840	1730	1760
2	42	2-42	North of West Channel across bridge	2450	2280	2420	2350	2380	2380	3050	2990	3080	3170	3180	3180
3	2	3-2	2 km north of Highway 1 and 3 intersection, south of ferry	200	240	220	220	190	170	280	390	380	380	280	250
3	175	3-175	53 km north of Chan Lake, 62 km south of Edzo	**	**	180	180	140	130	**	**	250	210	190	180
3	240	3-240	3 km south of Rae access, south of Frank's Channel	**	**	550	560	530	500	**	**	630	630	670	550
3	305	3-305	1.7 km east of Boundry Creek	390	390	380	350	330	310	430	430	450	420	390	360
3	338	3-338	0.8 km west of Highway 3 and 4 intersection	4890	**	4600	4340	**	**	5740	**	5480	5810	**	**
4	1	4-1	1 km north of Highway 3 and 4 intersection	1460	1500	1480	1640	**	**	1850	1940	1860	2020	**	**
4	10	4-10	2.5 km east of Yellowknife River Bridge	**	660	640	660	700	**	**	960	890	1000	990	852
4	43	4-43	11 km east of Prelude Lake East Access	100	100	90	80	80	70	130	150	150	130	130	100
5	1	5-1	1 km west of Highway 2 and 5 intersection	520	520	520	520	540	590	730	760	750	800	740	810
5	19	5-19	19 km east of Highway 2 and 5 intersection	170	170	180	170	180	190	220	220	220	230	200	220
5	65	5-65	5 km south of Highway 5 and 6 intersection	70	70	70	80	80	80	90	100	100	110	100	100
5	232	5-232	25km west of Fort Smith	110	**	**	170	160	150	140	**	**	210	200	190
5	257	5-257	6.1 km west of Fort Smith	380	**	420	420	390	370	460	**	520	530	480	440
6	30	6-30	8.5 km east of Pine Point Access	80	70	80	80	70	70	90	80	90	90	90	90
6	74	6-74	16 km west of Fort Resolution	110	90	100	100	100	90	140	100	120	120	120	110
7	35	7-35	2.6 km south of Fort Liard	120	**	**	90	70	60	130	**	**	130	100	80
7	253	7-253	0.3 km south of Highway 1 and 7 intersection	30	30	30	30	30	**	50	40	50	50	40	40
8	34	8-34	10 km west of Midway Lake	**	**	40	50	40	40	**	**	80	110	90	90
8	90	8-90	4.6 km north of Fort McPherson Access	**	**	80	50	50	**	**	**	160	80	90	**
8	243	8-243	1 km south of Cabin Creek	**	**	80	80	70	80	**	**	120	100	90	90
8	260	8-260	0.7 km north of airport access	**	**	590	620	610	600	**	**	820	840	840	870
8	268	8-268	1.3 km south of Inuvik	**	**	1070	1110	1090	1070	**	**	1450	1530	1510	1520

Note: ** Insufficient data to calculate AADT/PSADT
AADT - Average Annual Daily Traffic
PSADT - Peak Summer Average Daily Traffic (June, July, August)
All values are rounded to the nearest 10.

Table 4 Traffic on Northwest Territories Access Roads (sorted by year)

1998 Traffic on Northwest Territories Access Roads

Community	Location (km)	Counter ID	Monthly Average Daily Traffic												PSADT
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Kakisa	2	kak-2				28	64	77	101	80	55	32	29	23	86
Rae	4.2	rae-4				433									
Dettah	1	dvr-1	73	65	57	31	121	156	134	121			259	212	139
Vee Lake	4.3	vee-4	63	71	70	58	79	77	77	59	49	35	37	20	70
Cassidy Point	4	cas-4								96	54	46	35		97
Prelude Lake West	1	prw-1							193	238	139	78	57		238
Prelude Lake East	3	pre-3													
Hay River Dene Village	1	hrd-1	62	40	48	267						420	301	45	
Fort Providence	2	ftp-2	249	276	271	397	315				309	328	254	49	
Fort Liard	1	ftl-1			242	175	207	332	405	326	249				355
Fort Simpson	1	sim-1									1235	1128	976	1007	
Jean Marie River	1	jmwr	12	18	18	14	14	62		89	70	49			84

1997 Traffic on Northwest Territories Access Roads

Community	Location (km)	Counter ID	Monthly Average Daily Traffic												PSADT	
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Kakisa	2	kak-2	23	21	21				94	79	90	37	15	21	20	89
Rae	4.2	rae-4								543	593	542	568			589
Dettah	1	dvr-1									126	98	241	252	186	127
Vee Lake	4.3	vee-4						86	65	63	41	33				71
Cassidy Point	4	cas-4								57	50	36	36			55
Prelude Lake West	1	prw-1							290	290	253	141	64		280	
Prelude Lake East	3	pre-3							5	88	83	74	59		86	
Hay River Dene Village	1	hrd-1	29	33	42				395	362			366	375	396	378
Fort Providence	2	ftp-2			213				465	439	488	337	271		468	
Fort Liard	1	ftl-1	166	218	211	238						132	89			
Fort Simpson	1	sim-1	478	895	866				1100	1215	1143	1208	978		1176	
Jean Marie River	1	jmwr	14	13											17	

1996 Traffic on Northwest Territories Access Roads

Community	Location (km)	Counter ID	Monthly Average Daily Traffic												PSADT
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Kakisa	2	kak-2	18	23	25	23	49	84	109	90	43	31	24	24	95
Paradise Gardens	2	pgr-1	78	90	93	109	111	157	160	172	141	122	103	99	163
Rae	4.2	rae-4	283				580			686	673	582	373		686
Dettah	1	dvr-1							237	211	252	258	262		231
Vee Lake	4.3	vee-4						100	67	58	37	25	38		69
Cassidy Point	4	cas-4							123	94	75	49	43		109
Prelude Lake West	1	prw-1							331	256	243	127	90	101	264
Prelude Lake East	3	pre-3							116	83	76	78	62	58	86
Hay River Dene Village	1	hrd-1	31	54	71	354	446	480	383	416	373	390	255	33	426
Fort Providence	2	ftp-2	211	227	242	297	360	421	419	501	397	307	331	247	446
Fort Liard	1	ftl-1		195	210				252	197	193	156		142	219
Fort Simpson	1	sim-1										1054	867	773	

1995 Traffic on Northwest Territories Access Roads

Community	Location (km)	Counter ID	Monthly Average Daily Traffic												PSADT	
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Kakisa	2	kak-2	26			24			77	109	76	54	31	23	24	87
Paradise Gardens	2	pgr-1								143	134	109	94	78	143	
Rae	4.2	rae-4								553	614	621	644	581	389	588
Dettah	1	dvr-1	48	42	44	118			260	215	212	250	240	217	227	
Vee Lake	4.3	vee-4								71	51	52	26	41	61	
Cassidy Point	4	cas-4											46	34		
Prelude Lake West	1	prw-1							281	336		98	83	50	72	305
Prelude Lake East	3	pre-3									68	65	48	29	68	
Hay River Dene Village	1	hrd-1	29	33	41	216			451	391	420	407	414	170	43	420
Fort Providence	2	ftp-2	200	228	226	273	357	368	426	477	303	262	244		424	
Fort Liard	1	ftl-1	172	366	339	213	220	209	255	297	220	172	135	134	254	

Note: Blanks indicate insufficient data to calculate monthly ADT.

Table 4 con't Traffic on Northwest Territories Access Roads (sorted by year)

1994 Traffic on Northwest Territories Access Roads

Community	Location (km)	Counter ID	Monthly Average Daily Traffic												PSADT	
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Kakisa	2	kak-2	15	19	17		49	68	109	87	48	37		24	89	
Paradise Gardens	2	pgr-1	69	65	68	96	110	138	128	140	123				135	
Rae	4.2	rae-4			194							681				
Dettah	1	dvr-1			52	130			269	228		252	248	228	125	254
Vee Lake	4.3	vee-4							90	84	56	47	33		76	
Cassidy Point	4	cas-4		75	88	177	84	96	102	82	67	53			93	
Prelude Lake West	1	prw-1								85	71	64	54		76	
Prelude Lake East	3	pre-3														
Hay River Dene Village	1	hrd-1	26	31	75	302								46	39	
Fort Providence	2	ftp-2	197	192	246	281	381	449	512	383	315	243	222	230	348	
Fort Liard	1	ftl-1	150	161	197	169	206			231	190	199	162	172	232	

1993 Traffic on Northwest Territories Access Roads

Community	Location (km)	Counter ID	Monthly Average Daily Traffic												PSADT
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Kakisa	2	kak-2	16		20	21	46	61	81	94	44	29	20	20	
Paradise Gardens	2	pgr-1						114	97	109	103	87	76	73	
Rae	4.2	rae-4	584	237					550		467	298			
Dettah	1	dvr-1	48	43	55	212	223	210	198	190	211	222	248		
Vee Lake	4.3	vee-4					76	85	72	59	46	32	28	28	
Cassidy Point	4	cas-4							90	100	80	64	50	44	
Prelude Lake West	1	prw-1							239		117	85	63		
Prelude Lake East	3	pre-3					93	91	86		82	72			
Hay River Dene Village	1	hrd-1	28	27	137	376		411	356	365	333	344	234	50	
Fort Providence	2	ftp-2	183	99	188	334	404	444	531	456	295	275	233	227	
Fort Liard	1	ftl-1	155	165	166	170	180	204	211	193	180	171	162	146	

Note: Blanks indicate insufficient data to calculate monthly ADT. ADT and PSADT values were not calculated in 1993.

Table 5 Traffic on Northwest Territories Access Roads (sorted by counter)

Community	Location (km)	Counter ID	Year	Monthly Average Daily Traffic												PSADT	
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Kakisa	2	kak-2	1998				28	64	77	101	80	55	32	29	23	86	
			1997	23	21	21			94	79	90	37	15	21	20	89	
			1996	18	23	25	23	49	84	109	90	43	31	24	24	95	
			1995	26			24		77	109	76	54	31	23	24	87	
			1994	15	19	17		49	68	109	87	48	37		24	89	
			1993	16		20	21	46	61	81	94	44	29	20	20		
Rae	4.2	rae-4	1998				433										
			1997							543	593	542	568			589	
			1996	283				580		686	673	582	373		686		
			1995						553	614	621	644	581	389	588		
			1994			194						681					
			1993	584	237				550		467	298					
Dettah	1	dvr-1	1998	73	65	57	31	121	156	134	121			259	212	139	
			1997									126	98	241	252	186	127
			1996									237	211	252	258	262	231
			1995	48	42	44	118		260	215	212	250	240	217			227
			1994			52	130		269	228		252	248	228	125		254
			1993	48	43	55	212	223	210	198	190	211	222	248			
Paradise Gardens	2	pgr-1	1996	78	90	93	109	111	157	160	172	141	122	103	99	163	
			1995									143	134	109	94	78	143
			1994	69	65	68	96	110	138	128	140	123					135
			1993						114	97	109	103	87	76	73		
Vee Lake	4.3	vee-4	1998	63	71	70	58	79	77	77	59	49	35	37	20	70	
			1997						86	65	63	41	33			71	
			1996						100	67	58	37	25	38		69	
			1995							71	51	52	26	41		61	
			1994							90	84	56	47	33		76	
			1993					76	85	72	59	46	32	28	28		
Cassidy Point	4	cas-4	1998									96	54	35	97		
			1997								57	50	36		55		
			1996								123	94	75	49	43	109	
			1995										46	34			
			1994		75	88	177	84	96	102	82	67	53			93	
			1993							90	100	80	64	50	44		
Prelude Lake West	1	prw-1	1998								193	238	139	78	57	238	
			1997						290	290	253	141	64			280	
			1996						331	256	243	127	90	101		264	
			1995										83	50		305	
			1994														
			1993							239		117	85	63			
Prelude Lake East	3	pre-3	1998														
			1997						5	88	83	74	59			86	
			1996						116	83	76	78	62	58		86	
			1995								68	65	48	29		68	
			1994								85	71	64	54		76	
			1993					93	91	86		82	72				
Hay River Dene Village	1	hrd-1	1998	62	40	48	267							420	301	45	
			1997	29	33	42			395	362				366	375	396	378
			1996	31	54	71	354	446	480	383	416	373	390	255	33	426	
			1995	29	33	41	216		451	391	420	407	414	170	43	420	
			1994	26	31	75	302							46	39		
			1993	28	27	137	376		411	356	365	333	344	234	50		
Fort Providence	2	ftp-2	1998	249	276	271	397	315				309	328	254	49		
			1997			213			465	439	488	337	271			468	
			1996	211	227	242	297	360	421	419	501	397	307	331	247	446	
			1995	200	228	226	273	357	368	426	477	303	262	244		424	
			1994	197	192	246	281	381	449	512	383	315	243	222	230	348	
			1993	183	99	188	334	404	444	531	456	295	275	233	227		
Fort Liard	1	ftl-1	1998			242	175	207	332	405	326	249				355	
			1997	166	218	211	238						132	89			
			1996		195	210				252	197	193	156			142	219
			1995	172	366	339	213	220	209	255	297	220	172	135	134	254	
			1994	150	161	197	169	206			231	190	199	162	172	232	
			1993	155	165	166	170	180	204	211	193	180	171	162	146		
Fort Simpson	1	sim-1	1998									1235	1128	976	1007		
			1997	478	895	866			1100	1215	1143	1208	978			1176	
			1996										1054	867	773		
Jean Marie River	1	jmwr	1998	12	18	18	14	14	62		89	70	49			84	
			1997	14	13											17	

Note: Blanks indicate insufficient data to calculate monthly ADT.

Table 6 Traffic on Northwest Territories Winter Roads (sorted by year)

1998 Traffic on Northwest Territories Winter Roads

Winter Road	Location (km)	Counter ID	Opening Date	Closing Date	Monthly Average Daily Traffic						ADT	
					Dec	Jan	Feb	March	April	May		
Highway No. 1	914	1-914	Feb 6 / 98	Mar 16 / 98		10	7					8
Highway No. 1	1022	1-102	Jan 23 / 98	Mar 16 / 98			107	139				112
Highway No. 1	1031	1-104	Jan 14 / 98	Mar 16 / 98		14	10	10	9			10
Aklavik	1	akl-1	Jan 26 / 98	Apr 16 / 98								
Deline	1	deln	Feb 3 / 98	Mar 16 / 98		13	15					15
Wha'ti	72	elwr	Jan 23 / 98	Apr 9 / 98								
Nahanni	2	nbwr	Dec 18 / 97	Mar 16 / 98								
Rae Lakes	72	lacr	Feb 7 / 98	Apr 9 / 98								
Trout Lake	1	tlwr	Jan 20 / 98	Mar 16 / 98				5				5
Tuktoyaktuk	1	tuk-1	Jan 2 / 98	Apr 15 / 98								
Wood Buffalo National Park		wbnp										

1997 Traffic on Northwest Territories Winter Roads

Winter Road	Location (km)	Counter ID	Opening Date	Closing Date	Monthly Average Daily Traffic						ADT	
					Dec	Jan	Feb	March	April	May		
Highway No. 1	914	1-914	Feb 14 / 97	Mar 17 / 97			7	34	17			19
Highway No. 1	1022	1-102	Jan 14 / 97	Mar 17 / 97			9	10				10
Highway No. 1	1031	1-104	Jan 14 / 97	Mar 17 / 97			66	42				54
Aklavik	1	akl-1	Jan 12 / 97	Apr 25 / 97								
Deline	1	deln	Feb 4 / 97	Mar 17 / 97			73	46				60
Wha'ti	72	elwr	Jan 20 / 97	Mar 25 / 97		31	45	64				47
Nahanni	2	nbwr	Dec 9 / 96	Apr 17 / 97		23	40	69	13			36
Rae Lakes	72	lacr	Feb 7 / 97	Mar 25 / 97			170	152				161
Trout Lake	1	tlwr	Jan 11 / 97	Mar 17 / 97			5	9				7
Tuktoyaktuk	1	tuk-1	Dec 20 / 96	Apr 25 / 97		30	44	61				45
Wood Buffalo National Park		wbnp				16	20	20	8			16

1996 Traffic on Northwest Territories Winter Roads

Winter Road	Location (km)	Counter ID	Opening Date	Closing Date	Monthly Average Daily Traffic						ADT	
					Dec	Jan	Feb	March	April	May		
Highway No. 1	914	1-914	Jan 26 / 96	Mar 20 / 96								
Highway No. 1	1022	1-102	Jan 8 / 96	Mar 20 / 96								
Highway No. 1	1031	1-104	Jan 8 / 96	Mar 20 / 96								
Aklavik	1	akl-1	Dec 19 / 95	Apr 26 / 96			32	49	43			41
Deline	1	deln	Jan 18 / 96	Mar 20 / 96								
Wha'ti	72	elwr	Jan 15 / 96	Mar 20 / 96								
Jean Marie River	1	jmwr	Nov 29 / 95	Mar 26 / 96		10	55	49				38
Nahanni	2	nbwr	Dec 1 / 95	Mar 25 / 96		11	10	19				13
Rae Lakes	72	lacr	Feb 2 / 96	Mar 20 / 96								
Trout Lake	1	tlwr	Jan 20 / 96	Mar 15 / 96	4	6	11	9				8
Tuktoyaktuk	1	tuk-1	Dec 19 / 95	Apr 19 / 96								
Wood Buffalo National Park		wbnp			22	18	20	24				

1995 Traffic on Northwest Territories Winter Roads

Winter Road	Location (km)	Counter ID	Opening Date	Closing Date	Monthly Average Daily Traffic						ADT	
					Dec	Jan	Feb	March	April	May		
Highway No. 1	914	1-914	Jan 12 / 95	Mar 19 / 95			29	35				32
Highway No. 1	1022	1-102	Jan 18 / 95	Mar 26 / 95								
Highway No. 1	1031	1-104	Jan 19 / 95	Mar 26 / 95								
Aklavik	1	akl-1	Dec 23 / 94	Apr 24 / 95								
Deline	1	deln	Jan 20 / 95	Mar 26 / 95			39	35				37
Wha'ti	72	elwr	Jan 13 / 95	Mar 29 / 95								
Jean Marie River	1	jmwr	Nov 10 / 94	Mar 22 / 95			26	10				18
Nahanni	2	nbwr	Dec 01 / 94	Mar 26 / 95		10	17	39				22
Rae Lakes	72	lacr	Jan 13 / 95	Mar 22 / 95								
Trout Lake	1	tlwr	Dec 22 / 94	Mar 22 / 95			8					8
Tuktoyaktuk	1	tuk-1	Dec 22 / 94	Apr 24 / 95			74					74
Wood Buffalo National Park		wbnp			17	17	15					

Note: Blanks indicate insufficient data to calculate monthly ADT or road closed.

Table 6 con't Traffic on Northwest Territories Winter Roads (sorted by year)

1994 Traffic on Northwest Territories Winter Roads

Winter Road	Location (km)	Counter ID	Opening Date	Closing Date	Monthly Average Daily Traffic						ADT
					Dec	Jan	Feb	March	April	May	
Highway No. 1	914	1-914	Dec 23 / 93	Mar 29 / 94		12	20	23			19
Highway No. 1	1022	1-102	Dec 29 / 93	Mar 30 / 94		40	49	55			48
Highway No. 1	1031	1-104	Dec 29 / 93	Mar 31 / 94		19	20	24			21
Aklavik	1	akl-1	Jan 18 / 94	Apr 28 / 94							
Fort Franklin	1	fff-1	Jan 25 / 94	Mar 30 / 94		42	19	30			30
Jean Marie River	1	jmwr	Dec 01 / 93	Apr 03 / 94	10	8		14	3		9
Wha'ti	72	llmw	Feb 18 / 94	Apr 18 / 94							
Nahanni	2	nah-1	Dec 18 / 93	Mar 28 / 94			20	18			19
Trout Lake	1	tlwr	Jan 18 / 94	Mar 31 / 94							
Tuktoyaktuk	1	tuk-1	Jan 05 / 94	Apr 28 / 94							
Wood Buffalo National Park		wbnp					13	3			8

1993 Traffic on Northwest Territories Winter Roads

Winter Road	Location (km)	Counter ID	Opening Date	Closing Date	Monthly Average Daily Traffic						ADT
					Dec	Jan	Feb	March	April	May	
Highway No. 1	910	1-910	Jan 11 / 93	Mar 26 / 93			27	27			27
Highway No. 1	951	1-951	Jan 11 / 93	Mar 29 / 93		35	35	43			38
Highway No. 1	1025	1-102	Jan 14 / 93	Mar 29 / 93		16	19	18	4		14
Aklavik	1	akl-1	Dec 15 / 92	May 2 / 93			53	61	70	32	54
Fort Franklin	1	fff-1				16	23	35	21		23
Jean Marie River	1	jmwr	Nov 6 / 92	April 1 / 93	8	9	9				9
Wha'ti	72	llmw	Jan 27 / 93	April 2 / 93				16	14		15
Nahanni	2	nah-1	Dec 15 / 92	Mar 27 / 93			13	12			12
Trout Lake	1	tlwr	Dec 24 / 92	Mar 24 / 93		8	10	12			10
Tuktoyaktuk	1	tuk-1	Dec 18 / 92	May 2 / 93		32	83	108	101		81
Wood Buffalo National Park		wbnp				16	17	14			16

Note: Blanks indicate insufficient data to calculate monthly ADT or road closed.

Table 7 Traffic on Northwest Territories Winter Roads (sorted by counter)

Winter Road	Location (km)	Counter ID	Year	Opening Date	Closing Date	Monthly Average Daily Traffic					ADT				
						Dec	Jan	Feb	March	April		May			
Highway No. 1	914	1-914	1998	Feb 6 / 98	Mar 16 / 98			10	7				8		
			1997	Feb 14 / 97	Mar 17 / 97			7	34	17			19		
			1996	Jan 26 / 96	Mar 20 / 96										
			1995	Jan 12 / 95	Mar 19 / 95				29	35				32	
			1994	Dec 23 / 93	Mar 29 / 94			12	20	23				19	
1993	Jan 11 / 93	Mar 26 / 93					27	27				27			
Highway No. 1	1022	1-102	1998	Jan 23 / 98	Mar 16 / 98				107	139				112	
			1997	Jan 14 / 97	Mar 17 / 97				9	10				10	
			1996	Jan 8 / 96	Mar 20 / 96										
			1995	Jan 18 / 95	Mar 26 / 95										
			1994	Dec 29 / 93	Mar 30 / 94			40	49	55				48	
1993	Jan 14 / 93	Mar 29 / 93			16	19	18		4			14			
Highway No. 1	1031	1-104	1998	Jan 14 / 98	Mar 16 / 98			14	10	10		9		10	
			1997	Jan 14 / 97	Mar 17 / 97				66	42				54	
			1996	Jan 8 / 96	Mar 20 / 96										
			1995	Jan 19 / 95	Mar 26 / 95										
1994	Dec 29 / 93	Mar 31 / 94				19	20	24				21			
Highway No. 1	951	1-951	1993	Jan 11 / 93	Mar 29 / 93			35	35	43				38	
Deline / Fort Franklin	1	deln	1998	Feb 3 / 98	Mar 16 / 98			13	15					15	
			1997	Feb 4 / 97	Mar 17 / 97			110	73	46				76	
			1996	Jan 18 / 96	Mar 20 / 96										
			1995	Jan 20 / 95	Mar 26 / 95					39	35			37	
			1994	Jan 25 / 94	Mar 30 / 94			42	19	30				30	
1993					16	23	35		21			23			
Aklavik	1	akl-1	1998	Jan 26 / 98	Apr 16 / 98										
			1997	Jan 12 / 97	Apr 25 / 97										
			1996	Dec 19 / 95	Apr 26 / 96					32	49	43			41
			1995	Dec 23 / 94	Apr 24 / 95										
			1994	Jan 18 / 94	Apr 28 / 94										
1993	Dec 15 / 92	May 2 / 93					53	61	70	32		54			
Tuktoyaktuk	1	tuk-1	1998	Jan 2 / 98	Apr 15 / 98										
			1997	Dec 20 / 96	Apr 25 / 97			30	44	61				45	
			1996	Dec 19 / 95	Apr 19 / 96										
			1995	Dec 22 / 94	Apr 24 / 95					74				74	
			1994	Jan 05 / 94	Apr 28 / 94										
1993	Dec 18 / 92	May 2 / 93			32	83	108	101				81			
Wha'ti	72	elwr	1998	Jan 23 / 98	Apr 9 / 98										
			1997	Jan 20 / 97	Mar 25 / 97			31	45	64				47	
			1996	Jan 15 / 96	Mar 20 / 96										
			1995	Jan 13 / 95	Mar 29 / 95										
			1994	Feb 18 / 94	Apr 18 / 94										
1993	Jan 27 / 93	April 2 / 93						16	14			15			
Rae Lakes	72	iacr	1998	Feb 7 / 98	Apr 9 / 98										
			1997	Feb 7 / 97	Mar 25 / 97			78	170	152				133	
			1996	Feb 2 / 96	Mar 20 / 96										
			1995	Jan 13 / 95	Mar 22 / 95										
Nahanni Butte	2	nbwr	1998	Dec 18 / 97	Mar 16 / 98										
			1997	Dec 9 / 96	Apr 17 / 97			23	40	69	13			36	
			1996	Dec 1 / 95	Mar 25 / 96			11	10	19				13	
			1995	Dec 01 / 94	Mar 26 / 95			10	17	39				22	
			1994	Dec 18 / 93	Mar 28 / 94				20	18				19	
1993	Dec 15 / 92	Mar 27 / 93					13	12				12			
Trout Lake	1	thwr	1998	Jan 20 / 98	Mar 16 / 98								5		
			1997	Jan 11 / 97	Mar 17 / 97									7	
			1996	Jan 20 / 96	Mar 15 / 96			4	6	11	9			8	
			1995	Dec 22 / 94	Mar 22 / 95					8				8	
			1994	Jan 18 / 94	Mar 31 / 94										
1993	Dec 24 / 92	Mar 24 / 93				8	10	12				10			
Wood Buffalo National Park		wbnp	1998												
			1997					16	20	20	8			16	
			1996					22	18	20	24			21	
			1995					17	17	15				16	
			1994							13	3			8	
1993						16	17	14				16			

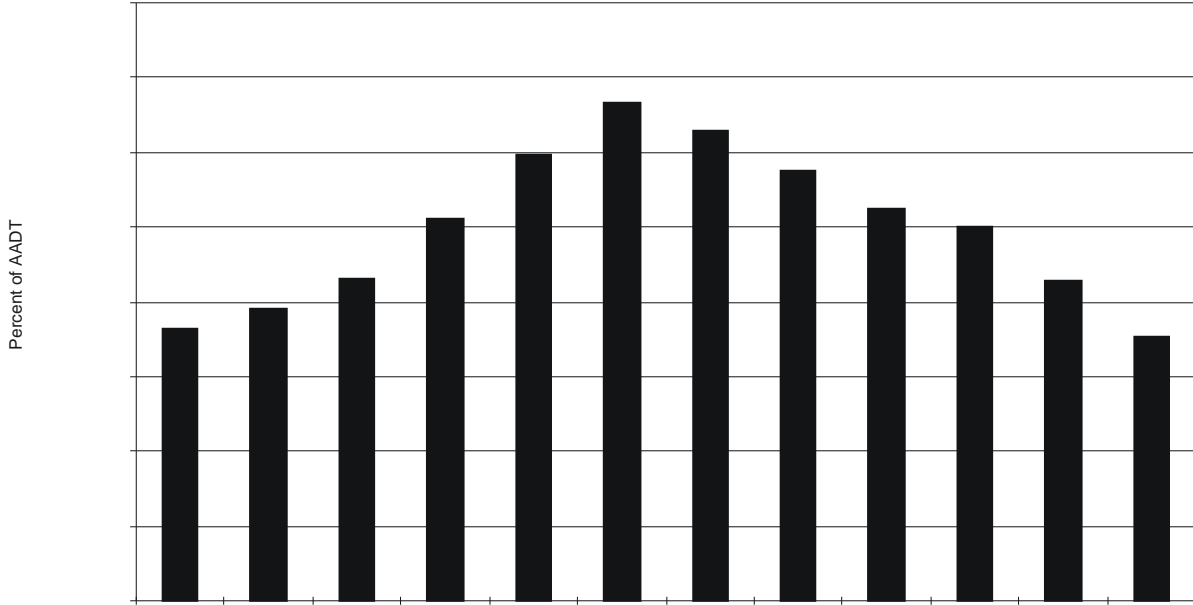
Note: Blanks indicate insufficient data to calculate monthly ADT or road closed.

Table 8 Opening and Closing Dates for Ice Bridges

Location	1998 Season		1997 Season		1996 Season		1995 Season		1994 Season	
	Date	Allowable Traffic	Date	Allowable Traffic	Date	Allowable Traffic	Date	Allowable Traffic	Date	Allowable Traffic
Mackenzie River Ice Bridge at Fort Providence	Jan 9/98	Open to light vehicles	Dec 9/96	Open to light vehicles	Dec 4/95	Open to light vehicles	Dec 4/94	Open to light vehicles	Dec 20/93	Open to light vehicles
	Jan 29/98	Open to all vehicles	Jan 14/97	Open to all vehicles	Jan 12/96	Open to all vehicles	Jan 10/95	Open to all vehicles	Jan 15/94	Open to all vehicles
	Apr 16/98	Closed for the season	Apr 22/97	Closed for the season	Apr 12/96	Closed for the season	Apr 25/94	Closed for the season	Apr 22/94 Apr 23/94	Closed to light traffic Closed for the season
Liard River Ice Bridge at Fort Simpson		Open to light vehicles	Nov 14/96	Open to light vehicles	Nov 16/95	Open to light vehicles	Nov 23/94	Open to light vehicles	Dec 2/93	Open to light vehicles
	Jan 19/98	Open to all vehicles	Jan 8/97	Open to all vehicles	Jan 25/96	Open to all vehicles	Jan 10/95	Open to all vehicles	Jan 21/94	Open to all vehicles
	Apr 17/98	Closed for the season	Apr 18/97	Closed for the season	Apr 23/96	Closed for the season	Apr 26/95	Closed for the season	Apr 20/94 Apr 23/94	Closed to light traffic Closed for the season
Mackenzie River Ice Bridge at Arctic Red	Dec 1/97	Open to light vehicles	Nov 19/96	Open to light vehicles	Nov 30/95	Open to light vehicles	Nov 25/94	Open to light vehicles	Dec 2/93	Open to light vehicles
	Jan 12/98	Open to all vehicles	Jan 8/97	Open to all vehicles	Jan 15/96	Open to all vehicles	Jan 3/95	Open to all vehicles	Feb 1/94	Open to all vehicles
	Apr 20/98	Closed for the season	Apr 22/97	Closed for the season	May 10/96	Closed for the season	April 28/95	Closed for the season	May 2/94	Closed for the season
Peel River Ice Bridge	Nov 18/97	Open to light vehicles	Nov 12/96	Open to light vehicles	Nov 30/95	Open to light vehicles	Nov 21/94	Open to light vehicles	Nov 20/93	Open to light vehicles
	Jan 12/98	Open to all vehicles	Jan 8/97	Open to all vehicles	Jan 15/96	Open to all vehicles	Jan 3/95	Open to all vehicles	Jan 28/94	Open to all vehicles
	Apr 20/98	Closed for the season	May 2/97	Closed for the season	May 10/96	Closed for the season	Apr 28/95	Closed for the season	May 2/94	Closed for the season
Mackenzie River Ice Bridge at Camsell Bend	Jan 12/98	Open to light vehicles	Dec 9/96	Open to light vehicles	Dec 4/95	Open to light vehicles	Dec 9/94	Open to light vehicles	Dec 11/93	Open to light vehicles
	Feb 13/98	Open to all vehicles	Jan 14/97	Open to all vehicles	Feb 1/96	Open to all vehicles	Feb 15/95	Open to all vehicles	Feb 4/94	Open to all vehicles
	Apr 17/98	Closed for the season	Apr 22/97	Closed for the season	Apr 5/96 Apr 12/96	Closed to light traffic Closed for the season	Apr 19/95 Apr 22/95	Closed to light traffic Closed for the season	Apr 6/94 Apr 12/94	Closed to light traffic Closed for the season
Dettah Village Ice Bridge	Dec 18/97	Open to light vehicles	Dec 12/96	Open to light vehicles	Nov 29/95	Open to light vehicles	Dec 13/94	Open to light vehicles	Dec 8/93	Open to light vehicles
	Feb 19/98	Open to all vehicles							Feb 8/94	Open to all vehicles
	Apr 16/98	Closed for the season	Apr 18/97	Closed for the season	April 17/96	Closed for the season	Apr 21/95	Closed for the season	Apr 18/94	Closed for the season

Figure 4
Distribution of Monthly Traffic

Typical Near Urban Highway
(Hwy 2, km 42)



Typical Rural Highway
(Hwy 1, Km 85)

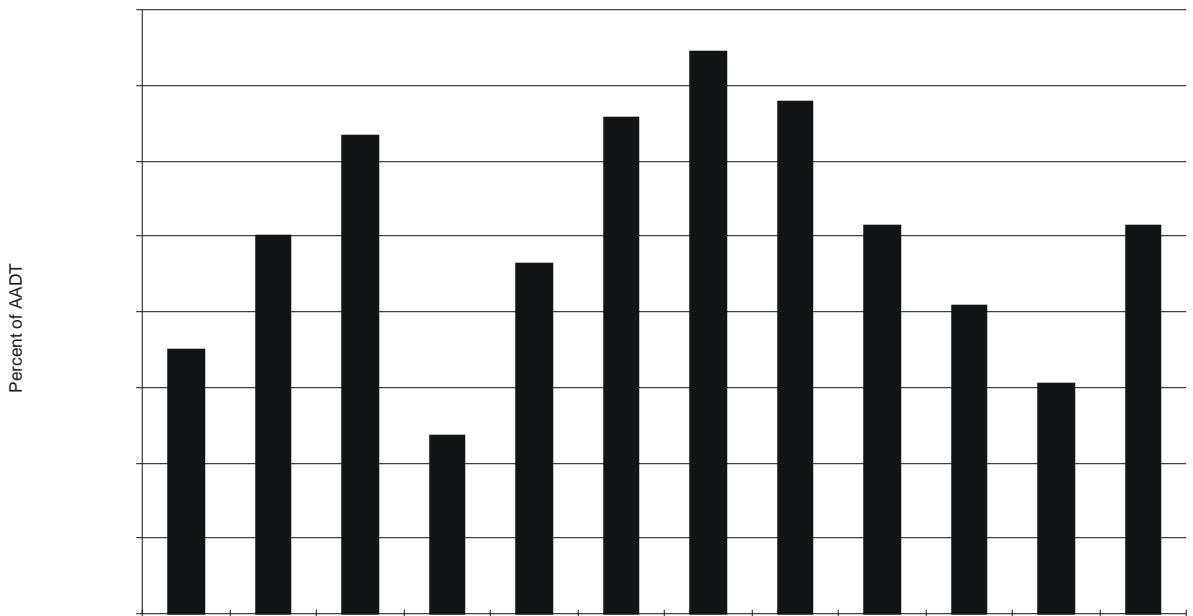
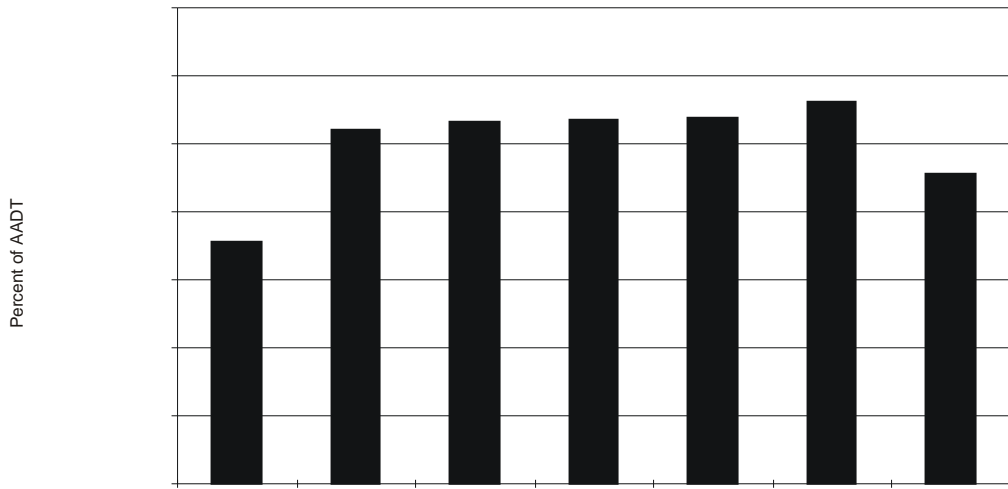


Figure 5
Distribution of Daily Traffic

Typical Near Urban Highway
(Hwy 2, km 42)



Typical Rural Highway
(Hwy 1, Km 85)

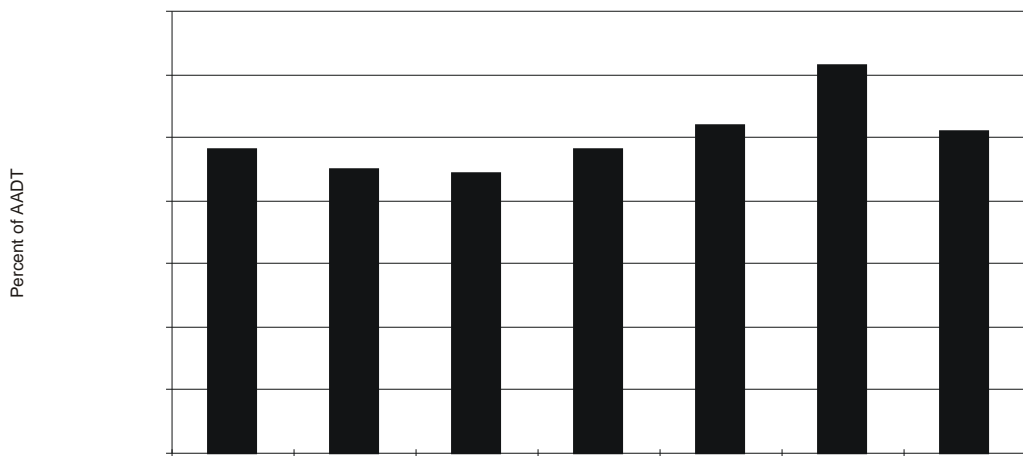
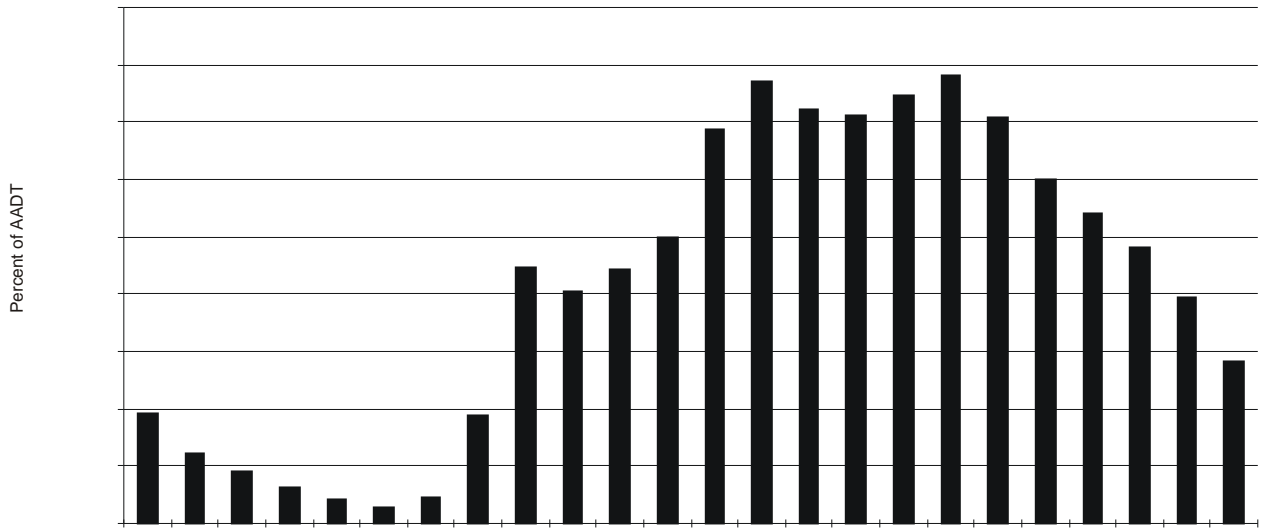


Figure 6
Distribution of Hourly Traffic

Typical Near Urban Highway
(Hwy 2, km 42)



Typical Rural Highway
(Hwy 1, Km 85)

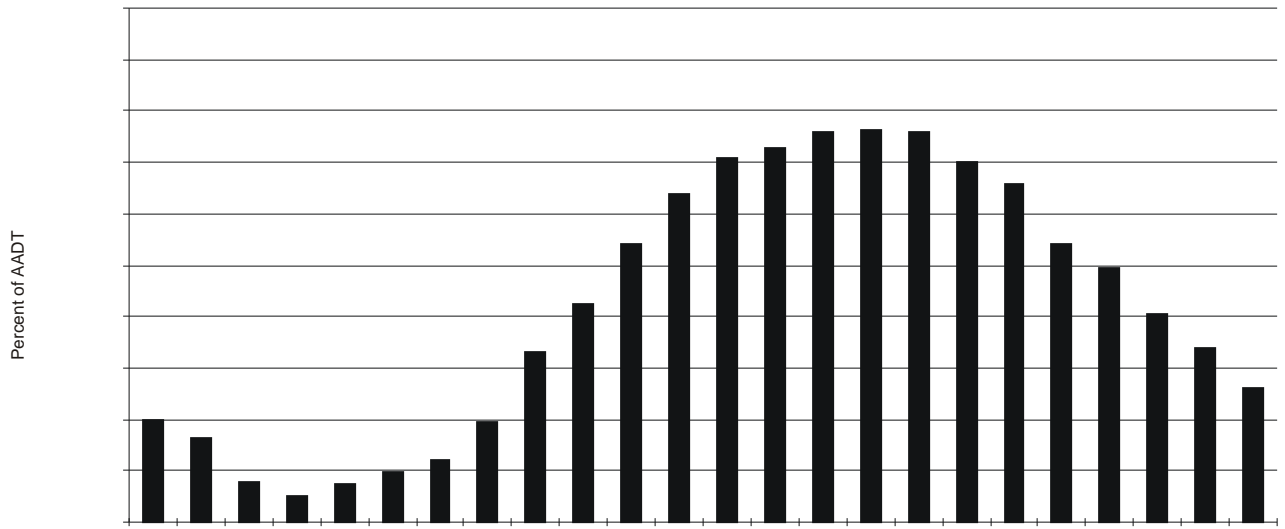
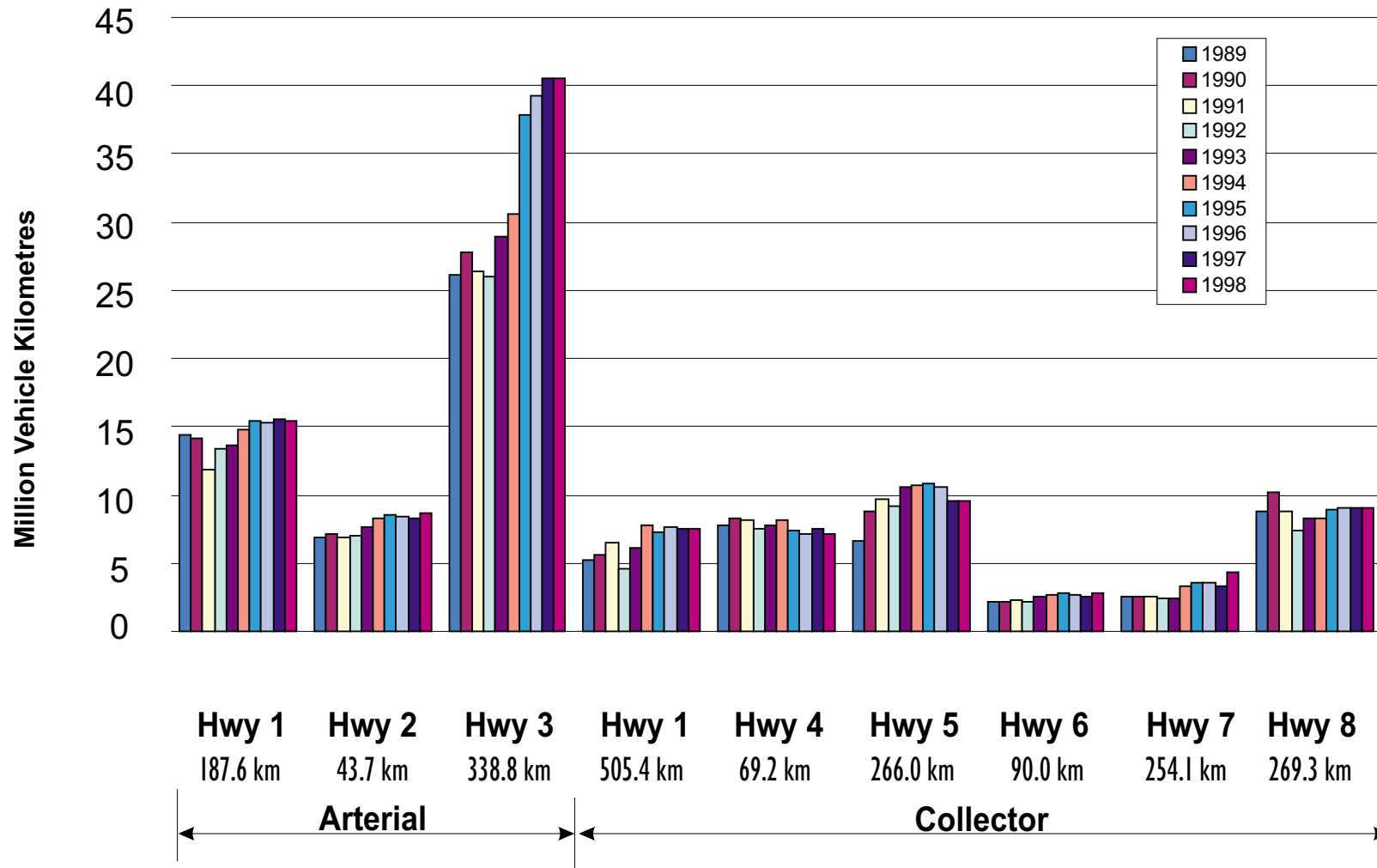


Figure 7
Vehicle Kilometres Traveled on Northwest Territories Highways



Note: Vehicle kilometres for years 1989 to 1992 estimated based on historical data.

Table 9 Estimated Vehicle - Kilometres Traveled on NWT Highways (Million Vehicle-Kilometres)

Hwy	km	Length (km)	AADT							Vehicle-Kilometres Traveled (millions)					
			1998	1997	1996	1995	1994	1993	1998	1997	1996	1995	1994	1993	
1	58	Alberta Border to Enterprise	84.2	210	210	210	220	210	200	6.6	6.6	6.3	6.7	6.4	6.0
1	85	Enterprise to Junction with Hwy #3	103.4	230	240	240	230	220	200	8.8	9.0	9.0	8.8	8.4	7.6
		1 Arterial	187.6							15.4	15.6	15.3	15.5	14.8	13.7
2	10	Enterprise to Junction with Hwy #5	37.5	410	390	400	400	380	340	5.6	5.4	5.4	5.5	5.3	4.6
2	32	Junction with Hwy #5 to Hay River (West Channel Bridge)	6.2	1340	1320	1340	1350	1310	1310	3.0	3.0	3.0	3.1	3.0	3.0
		2 Arterial	43.7							8.7	8.3	8.4	8.6	8.2	7.6
3	2	Junction with Hwy #1 to Fort Providence Access	44.1	200	240	220	220	190	170	3.2	3.8	3.5	3.6	3.1	2.7
3	175	Fort Providence Access to Edzo Access	192.4	190	190	180	180	140	130	13.5	13.5	12.4	12.9	9.6	9.1
3	240	Edzo Access to Rae Access	8.5	550	550	550	560	530	500	1.7	1.7	1.7	1.7	1.6	1.6
3	305	Rae Access to Yellowknife Access (Old Airport Road)	88.5	390	390	380	350	330	310	12.7	12.4	12.3	11.3	10.7	10.1
3	340	Old Airport Road Junction to Junction with Hwy #4	5.3	4890	4690	4600	4340	3600	2860	9.5	9.1	8.9	8.4	7.0	5.5
		3 Arterial	338.8							40.5	40.5	38.8	37.8	32.0	29.0
		Total Arterial	570.1							64.6	64.4	62.6	61.9	55.1	50.2
1	322	Junction with Hwy #3 to Junction with Hwy #7	268.8	50	50	50	50	50	40	5.0	4.9	5.1	5.2	5.0	4.0
*1	468	Junction with Hwy #7 to Fort Simpson Access	14.9	240	240	240	230	220	200	1.3	1.3	1.3	1.3	1.2	1.1
1	477	Fort Simpson Access to Mackenzie River	79.2	40	40	40	40	50	40	1.2	1.3	1.2	1.2	1.6	1.0
		1 Collector	362.9							7.5	7.5	7.6	7.6	7.8	6.1
4	1	Junction with Hwy #3 to Royal Oak Mine	5	1460	1500	1480	1640	1810	1970	2.7	2.7	2.7	3.0	3.3	3.6
4	10	Royal Oak Mine to Prelude Lake East Access	11.8	610	660	640	660	700	730	2.6	2.9	2.7	2.8	3.0	3.1
4	43	Prelude Lake East Access to Tibbet Lake	52.4	100	100	90	80	80	70	1.9	2.0	1.8	1.6	1.5	1.4
		4 Collector	69.2							7.2	7.5	7.2	7.4	7.9	8.1
5	1	Junction with Hwy #2 to Hay River Indian Village Access	2.5	520	520	520	520	540	590	0.5	0.5	0.5	0.5	0.5	0.5
5	19	Hay River Indian Village Access to Birch Creek	24.8	170	170	180	170	180	190	1.6	1.6	1.6	1.5	1.6	1.7
*5	48	Birch Creek to Junction with Hwy #6	33.1	170	170	180	150	150	140	1.5	1.5	2.2	1.8	1.8	1.7
5	65	Junction with Hwy #6 to Salt River Village Access Road	187.8	70	70	70	80	80	80	4.9	4.9	4.9	5.4	5.4	5.3
5	232	Salt River Village Access Road to Fort Smith Access (Trout St.)	13.5	110	80	170	170	160	150	0.5	0.4	0.8	0.8	0.8	0.8
5	257	Fort Smith Access (Trout St.) to King St. Intersection	4.3	380	410	420	420	390	370	0.6	0.6	0.7	0.7	0.6	0.6
		5 Collector	266							9.6	9.5	10.6	10.7	10.7	10.6
6	30	Junction with Hwy #5 to Little Buffalo Village Road	68.3	80	70	80	80	70	70	1.9	1.8	1.9	1.9	1.9	1.8
6	74	Little Buffalo Village Road to Fort Resolution	21.7	110	90	100	100	100	90	0.8	0.7	0.8	0.8	0.8	0.7
		6 Collector	90							2.8	2.6	2.7	2.7	2.6	2.5
7	35	BC Border to Fort Liard	37.6	120	60	90	90	70	60	1.6	0.8	0.9	1.3	0.9	0.8
7	253	Fort Liard to Junction with Hwy #1	216.5	30	30	30	30	30	20	2.7	2.4	2.7	2.4	2.3	1.9
		7 Collector	254.1							4.3	3.3	3.6	3.7	3.3	2.7
8	34	Yukon Border to Fort McPherson Access	85.4	40	40	40	50	40	40	1.1	1.1	1.2	1.4	1.3	1.3
8	90	Fort McPherson Access to Mackenzie River Ferry	57.2	80	80	80	50	50	50	1.6	1.6	1.7	1.0	1.0	1.0
8	243	Mackenzie River Ferry to Airport Access Road	116.7	80	80	80	80	70	80	3.4	3.4	3.3	3.2	3.1	3.3
8	259	Airport Access Road to Tuk Park Access Road	6.1	590	590	590	620	620	600	1.3	1.3	1.3	1.4	1.4	1.3
8	268	Tuk Park Access Road to Inuvik	3.9	1030	1030	1070	1110	1090	1070	1.5	1.5	1.5	1.6	1.6	1.5
		8 collector	269.3							9.0	9.0	9.0	8.6	8.3	8.5
		Total Collector	1311.5							40.2	39.4	40.9	40.8	40.5	38.5
		Total vehicle kilometres travelled								104.7	103.8	103.4	102.7	95.6	88.7

Note: * denotes counter has been taken out of service

Note: Percent increase from 1993 to 1994 = 7.7% (Arterial increase = 9.8%; Collector increase = 5.2%)
 Percent increase from 1994 to 1995 = 7.4% (Arterial increase = 12.3%; Collector increase = 0.7%)
 Percent increase from 1995 to 1996 = 0.7% (Arterial increase = 1.1%; Collector increase = 0.0%)
 Percent increase from 1996 to 1997 = 0.7% (Arterial increase = 2.9%; Collector increase = -3.7%)
 Percent increase from 1997 to 1998 = 0.9% (Arterial increase = 0.3%; Collector increase = 2.0%)