

Northwest Territories
Highway Traffic, 2003



Northwest Territories
Highway Traffic, 2003

Department of Transportation
Government of the Northwest Territories
November 2004

Acknowledgements

This report was prepared by the Planning and Policy Division of the Department of Transportation, Government of the Northwest Territories, in co-operation with; Highway Operations, Marine Services and Road Licensing & Safety Divisions.

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

Table of Contents

Table of Contents	Page i
List of Figures	Page ii
List of Tables	Page iii
1.0 Summary of Traffic Data Collection Activities and Analysis	Page 1
1.1 Background	Page 1
1.2 Traffic Data Collection System	Page 1
1.3 Traffic Data Processing Procedures	Page 5
1.4 Glossary of Terms	Page 5
1.5 Layout of the Report	Page 6
2.0 Highway Traffic Volume Data	Page 7
3.0 Vehicle Movements at Ferries and Weigh Scales	Page 21
Appendix A Traffic Distribution Data at Permanent Counter Locations	
Appendix B Historical Data	
Appendix C Data Processing Methodology	

List of Figures

Figure 1	Northwest Territories Permanent and Seasonal Counter Locations (2003)	Page 2
Figure 2	2003 AADT at Permanent Counters	Page 7
Figure 3	2003 AADT on Highway Segments	Page 8
Figure 4	Distribution of Monthly Traffic	Page 15
Figure 5	Distribution of Daily Traffic	Page 16
Figure 6	Distribution of Hourly Traffic	Page 17
Figure 7	Vehicle Kilometres Travelled on Northwest Territories Highways	Page 19
Figure 8	Yearly Trend in Road Related Indicators	Page 20
Figure 9	Average Daily Traffic on Highway Ferries	Page 21
Figure 10	Commercial Vehicles Weighed at the Enterprise Weigh Scale	Page 34
Figure 11	Commercial Vehicle Activity at the Enterprise Weigh Scale	Page 35
Figure 12	Commercial Vehicle Activity at the Inuvik and Fort Liard Weigh Scales	Page 36
Figure 13	Vehicle Classifications	Page 37

List of Tables

Table 1	Highway System Classification (2003)	Page 3
Table 2	Permanent and Seasonal Counter Locations	Page 4
Table 3	Estimated Traffic on Northwest Territories Highways	Page 9
Table 4	Traffic on Northwest Territories Access Roads (sorted by counter)	Page 10
Table 5	Traffic on Northwest Territories Winter Roads (sorted by counter)	Page 12
Table 6	Opening and Closing Dates for Winter Roads & Ice Bridges	Page 13
Table 7	Truck Traffic on Selected Winter Mining Roads	Page 14
Table 8	Estimated Vehicle Kilometres Travelled on Northwest Territories Highways	Page 18
Table 9	Average Daily Traffic on Highway Ferries	Page 22
Table 10	Vehicle Classification Data at Dory Point Ferry (M.V. Merv Hardie)	Page 23
Table 11	Vehicle Classification Data at Liard River Ferry (M.V. Lafferty)	Page 24
Table 12	Vehicle Classification Data at Mackenzie River Ferry (M.V. Louis Cardinal)	Page 25
Table 13	Vehicle Classification Data at Peel River Ferry (C.F. Abraham Francis)	Page 26
Table 14	Vehicle Classification Data at Mackenzie River Ferry (M.V. Johnny Berens)	Page 27
Table 15	Vehicle Classification at the Enterprise Weigh Scale	Page 28
Table 16	Commodity Types at the Enterprise Weigh Scale	Page 29

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 1400 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 operation and maintenance, 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. Supplementing this information is data from the weigh scales and usage logs from the five ferries. Information obtained is used by the department to monitor changes in traffic flows, classify highways, set priorities in maintenance and capital funding, monitor safety aspects of the highways and optimize engineering designs. Traffic data is also used by businesses and the general public as the need arises.

This report presents traffic data collected by the Department of Transportation on the territorial highway network from 1993 to 2003. This report includes traffic information collected on major highways, access roads, winter roads and associated ferry crossings. The report also contains information on vehicle classifications.

1.2 Traffic Data Collection System

The Northwest Territories' Department of Transportation collects traffic at 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. Counter locations are provided in Table 2 and illustrated in Figure 1.

Vehicle classification information is collected at the five ferries that operate on the highway system. The Marine Services Division of the Department of Transportation is responsible for collecting and processing this information.

Special turning movement counts at select intersections and visual vehicle classification counts are also conducted annually or as need arises. No manual counts were undertaken in 2003.

Information on truck volumes and commodities is obtained from the weigh scale near Enterprise. Truck volumes utilizing private (mining) winter roads is also collected and presented in this report.

In 2003, less than 50 percent of all potential data was useable for determining traffic volumes. This performance is attributed to the age of the traffic counters, breakdown of the loops and improper handling. As a result, traffic volumes have been estimated, based on previous years' data and information from other sources. The Department is studying options to improve data collection activities.

Figure 1
Northwest Territories Permanent
and Seasonal Traffic Counter
Locations (2003)

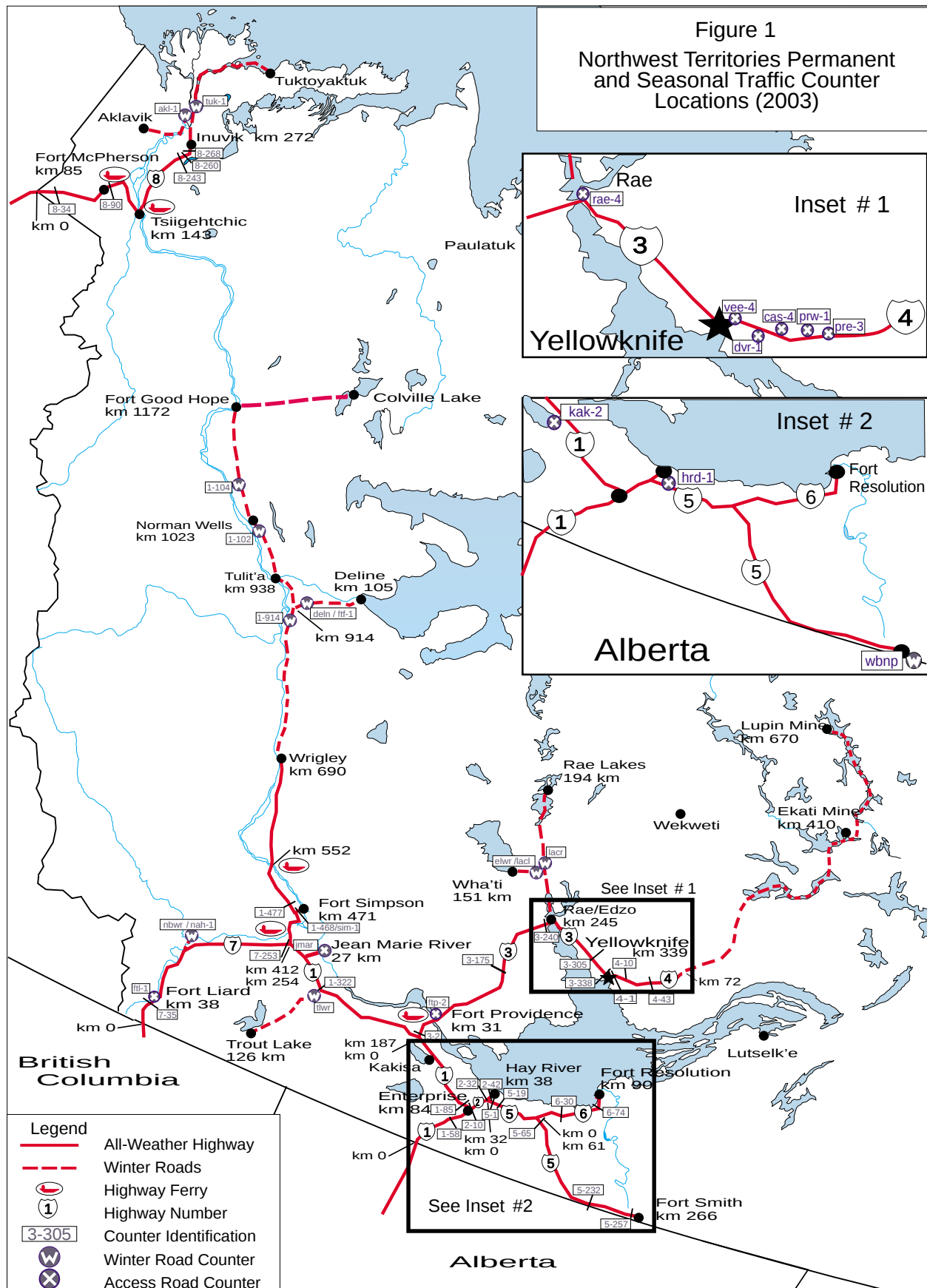


Table 1 Highway System Classification (2003)

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

All-Weather Highways

Highway 1 (Mackenzie Highway to Wrigley)	246.7	249.1	194.2	-	690.0
Highway 2 (Hay River Highway)	43.7	-	-	-	43.7
Highway 3 (Yellowknife Highway)	285.2	53.6	-	-	338.8
Highway 4 (Ingraham Trail)	28.3	40.9	-	-	69.2
Highway 5 (Fort Smith Highway)	157.0	109.0	-	-	266.0
Highway 6 (Fort Resolution Highway)	38.0	52.0	-	-	90.0
Highway 7 (Liard Highway)	-	104.2	149.9	-	254.1
Highway 8 (Dempster Highway)	10.0	185.1	77.4	-	272.5
Total	808.9	793.9	421.5	0.0	2,024.3

Access Roads

Kakisa Lake Access	-	12.9	-	-	12.9
Fort Simpson Access	3.4	-	-	-	3.4
Jean Marie River Access	-	-	27.4	-	27.4
Fort Providence Access	5.4	-	-	-	5.4
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
Hwy 3 Ice Crossing Access	-	10.9	-	-	10.9
Miscellaneous Minor Access	2.0	8.5	46.6	-	57.1
Total	45.1	47.6	74.0	0.0	166.7

Winter Roads

Highway 1 (Mackenzie Highway, Wrigley to FGH)	-	-	-	485.2	485.2
Colville Lake Access (opened March 2001)	-	-	-	165.0	165.0
Highway 3 Ice Crossing	-	-	-	3.1	3.1
Trout Lake Access	-	-	-	126.0	126.0
Deline Access	-	-	-	105.3	105.3
Wha'ti Road	-	-	-	135.5	135.5
Rae Lake Road	-	-	-	100.0	100.0
Nahanni Butte Access	-	-	-	22.3	22.3
Tuktoyaktuk Access	-	-	-	184.0	184.0
Aklavik Access	-	-	-	85.0	85.0
Dettah Access	-	-	-	6.3	6.3
Total	0.0	0.0	0.0	1,417.7	1,417.7

Total All-Weather Roads	2,191.0
Total Winter Roads (Department of Transportation)	1,417.7

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
jmar	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-1	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		

1.3 Traffic Data Processing Procedures

The permanent traffic counters located throughout the Northwest Territories highway network collect traffic data on a continual 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, they retrieve the module with the prior month's traffic count and replace it with an empty module.

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 and Policy Division in Yellowknife where the data is uploaded into a Microsoft Excel spreadsheet and analysed 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. 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 also provide as much information as possible, a series of procedures has been established to correct deficiencies in the data. These steps are outlined in Appendix D.

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.

Growth Rate is the increase or decrease in AADT from year to year.

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 three sections.

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

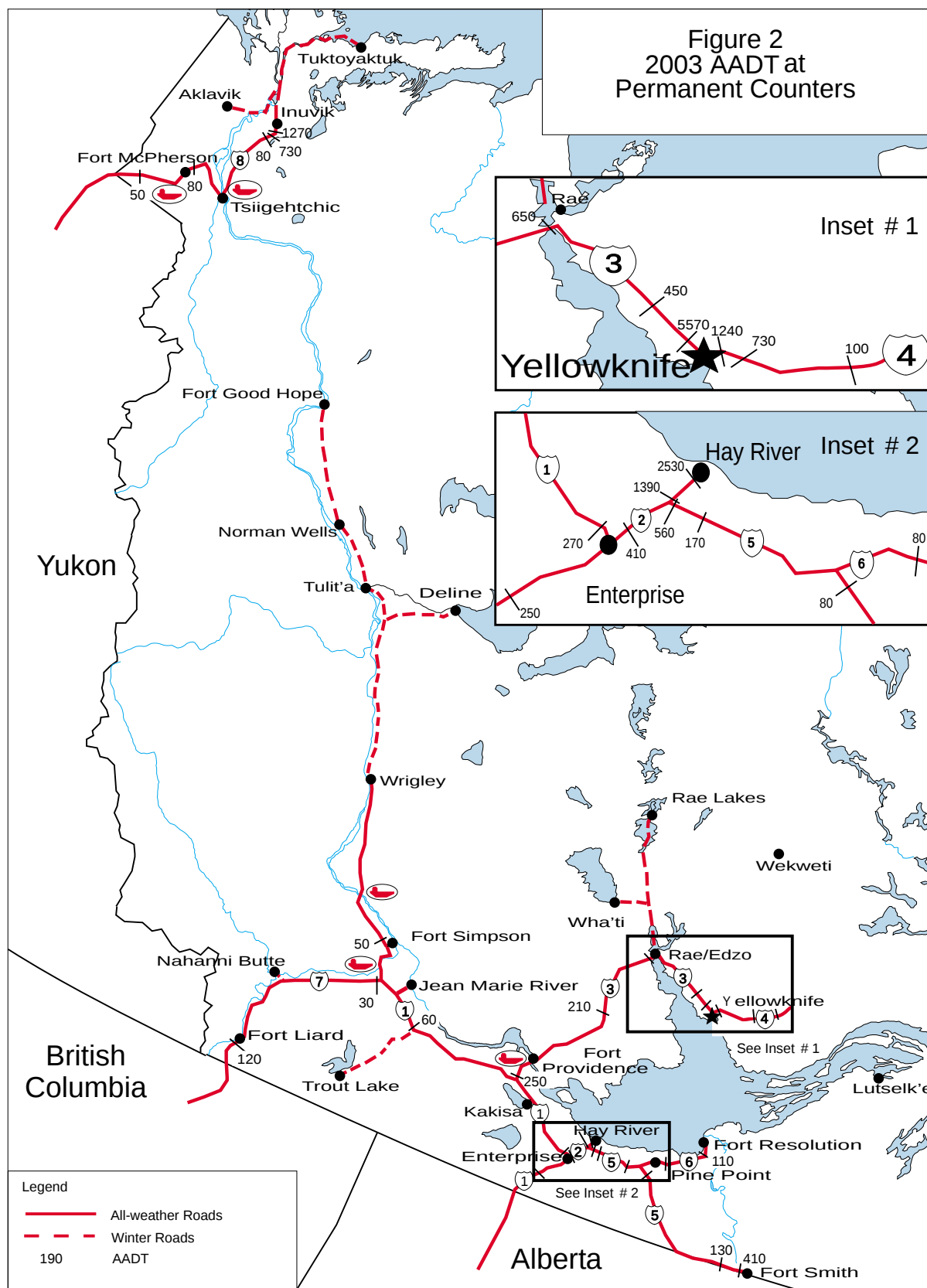
The second section presents the traffic information collected at all permanent counter locations and selected mining roads; including traffic volumes, distributions and vehicle kilometres travelled.

The third section presents traffic information collected on highway ferries, and commercial vehicle activity from the Weigh Scales.

Additional detailed traffic information is presented in the appendices.

Section 2.0

Highway Traffic Volume Data



Note: Some data in this figure has been estimated using information from past years. See Appendix A for actual data.

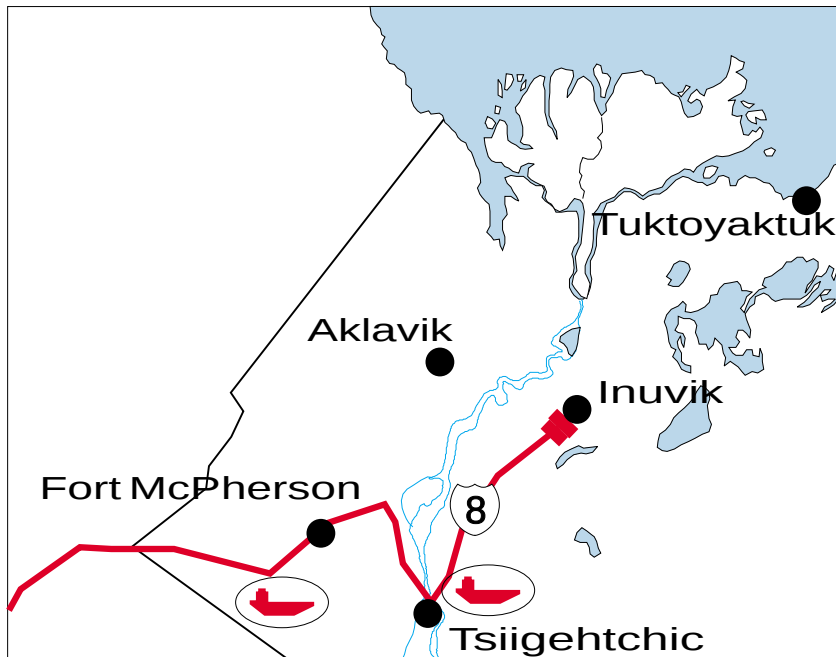


Figure 3
2003 AADT on
Highway Segments

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

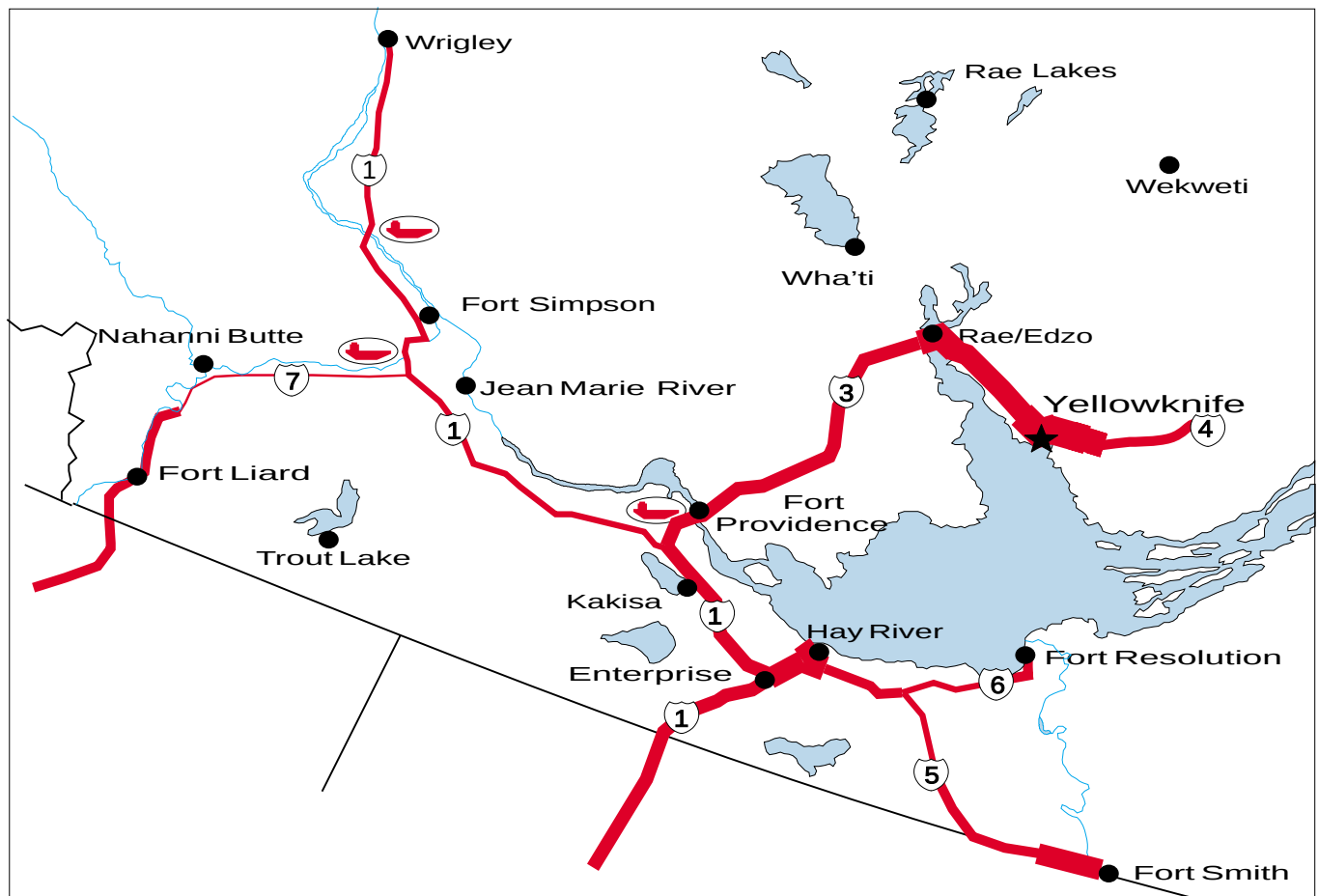


Table 3 Estimated Traffic on Northwest Territories Highways

Highway	Kilometre	Counter ID	Description	AADT										PSADT											
				2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
1	58	1-58	15 km south of Alexandra Falls		250	240	230	220	210	210	210	220	210	200		380	420	390	350	340	320	290	320	300	270
1	85	1-85	1.2 km west of Enterprise		270	270	240	230	240	240	230	240	230	220	200	380	400	320	320	330	330	330	330	310	300
1	322	1-322	0.4 km west of Trout Lake winter road		60	60	60	**	50	50	50	50	50	40		80	90	80	80	**	80	80	80	80	60
1	477	1-477	5.2 km west of Fort Simpson Access on Highway 1		50	50	40	**	40	40	40	40	40	40		60	70	60	60	**	50	60	50	40	
2	10	2-10	10 km north of Enterprise, south of Paradise Gardens		410	420	400	400	410	390	400	400	380	340		510	530	500	500	510	520	500	480	520	440
2	32	2-32	40 metres north of Highway 2 and 5 intersection		1390	1420	1340	**	1340	1320	1340	1350	1310	1310		1920	1970	1860	1860	**	1760	1740	1790	1840	1730
2	42	2-42	North of West Channel across bridge		2530	2590	2440	2420	2400	2450	2280	2420	2350	2380		3120	3200	3010	3010	3000	3050	2990	3080	3170	3180
3	2	3-2	2 km north of Highway 1 and 3 intersection, south of ferry		250	240	220	200	190	200	240	220	220	190	170	350	330	290	290	280	280	380	380	280	250
3	175	3-175	53 km north of Cran Lake, 62 km south of Edzo		210	210	190	180	180	180	180	180	140	130		290	280	270	260	**	**	250	210	190	
3	240	3-240	3 km south of Rae access, south of Frank's Channel		650	640	590	570	550	560	560	560	530	500		710	700	670	650	**	**	630	610	550	
3	305	3-305	1.7 km east of Boundary Creek		450	440	410	400	390	380	390	380	350	330	310	520	500	470	460	470	430	430	450	420	
3	338	3-338	0.8 km west of Highway 3 and 4 intersection		5570	5460	5090	4980	5010	4890	**	4600	4340	**	**	6460	6330	6030	6030	6180	5740	**	5480	5810	
4	1	4-1	1 km north of Highway 3 and 4 intersection		1240	1240	1240	1230	1330	1460	1500	1480	1640	**	**	1800	1600	1600	1600	1830	1850	1940	1860	2020	
4	10	4-10	2.5 km east of Yellowknife River Bridge		730	730	730	720	**	**	660	640	660	700	**	950	950	950	950	**	**	960	880	1000	
4	43	4-43	11 km east of Prelude Lake East Access		100	100	100	100	**	100	100	90	80	70		130	130	130	140	**	130	150	150	130	
5	1	5-1	1 km east of Highway 2 and 5 intersection		560	530	520	510	520	520	520	520	540	590		740	710	690	690	700	730	760	750	800	
5	19	5-19	19 km east of Highway 2 and 5 intersection		170	160	160	170	170	170	170	180	170	180	190	230	220	220	220	210	220	220	230	200	
5	65	5-65	5 km south of Highway 5 and 6 intersection		80	70	70	70	80	70	70	70	80	80		110	100	100	100	110	90	100	100	100	
5	232	5-232	25 km west of Fort Smith		130	120	120	**	110	**	**	170	160	150		200	190	180	180	**	140	**	210	200	
5	257	5-257	6.1 km west of Fort Smith		410	390	390	390	390	380	**	420	420	390	370	530	510	500	480	480	460	**	520	480	
6	30	6-30	8.5 km east of Pine Point Access		80	80	80	80	80	80	70	80	80	70	70	100	110	100	100	90	90	80	90	90	
6	74	6-74	16 km west of Fort Resolution		110	100	110	100	100	110	90	100	100	100	90	140	140	130	130	120	140	100	120	110	
7	35	7-35	2.6 km south of Fort Liard		120	120	120	**	**	120	**	**	90	70	60	130	130	130	**	**	130	**	130	100	
7	253	7-253	0.3 km south of Highway 1 and 7 intersection		30	30	30	30	30	30	30	30	30	30	**	40	40	40	50	50	40	50	40	40	
8	34	8-34	10 km west of Midway Lake		50	50	40	40	40	40	40	40	50	40		100	100	90	90	100	90	80	110	90	
8	90	8-90	4.6 km north of Fort McPherson Access		80	80	80	80	90	90	80	80	50	50	**	180	170	150	160	180	170	160	160	80	
8	243	8-243	1 km south of Cabin Creek		80	80	70	80	80	80	80	80	80	70	80	130	130	120	120	130	130	120	120	100	
8	260	8-260	0.7 km north of airport access		730	690	630	630	630	630	590	590	620	610	600	760	900	830	850	930	880	820	840	870	
8	268	8-268	1.3 km south of Inuvik		1270	1210	1120	1120	1150	1150	1070	1070	1110	1090	1070	1300	1640	1510	1500	1650	1560	1450	1530	1510	

Note:
 See Appendix A for actual data obtained from each traffic counter for 2003.
 ** Insufficient data to calculate AADT/PSADT
 AADT - Average Annual Daily Traffic
 PSADT - Peak Summer Average Daily Traffic (June, July, August)
 All values are estimated and rounded to the nearest 10.

Table 4 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	2000	24	43	52	74	86	50			33	36	47		
			1999	27	27	38	60	89	53			52	38	27	25	
			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			68	109	87	48	37		24	89
			1993	16		20	21	46	61	81	94	44	29	20	20	79
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				506
Dettah	1	dvr-1	2001	56	161			283	284	256		216				274
			2000	48	34	54	95	261	310	211	278	290	277	235		266
			1999		44	53	292	277		245	270	289	293	246		266
			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		199
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	107
Vee Lake	4.3	vee-4	2002	56							57	54	34	52	44	57
			2001						60	75	44		19			60
			2000													
			1999	43	82	70	58	39								
			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	73
Cassidy Point	4	cas-4	1998								96	54	46	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
Prelude Lake West	1	prw-1	1998													
			1997							193	238	139	78	57		238
			1996						290	290	253	141	64			280
			1995						331	256	243	127	90	101		264
			1994										83	50		305
Prelude Lake East	3	pre-3	1998							239		117	85	63		232
			1997													
			1996													
			1995													
			1994													
Hay River Dene Village	1	hrd-1	2001			36	404		287		623	469	121	441		455
			2000	14	37	52	304	416	453	400	421	469				427
			1999	32	37	126	357				356	399	425	167	33	405
			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	

Table 4 cont'd 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	
Fort Providence	2	ftp-2	2003	260	269	264		396	353	515	551					472
			2002	277	243	248					457	375	334	279	289	457
			2001			208			324	352	365	336	207			347
			2000	315	421	270	219	299	259	254	210	194	200	139	119	241
			1999	316	423	259	309	662	239	205	176	170	154	149		201
			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	477
Fort Liard	1	fli-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	202
Fort Simpson	1	sim-1	2003			1289	1302									
			2001				430					269	354			
			2000	961	991	1093	1110				911					911
			1999	960	989	1076	1114	891								
			1998									1235	1128	976	1007	
			1997	478	895	866			1100	1215	1143	1208	978			1176
			1996										1054	867	773	
Jean Marie River	1	jmar	2003			34	36					19	27	81		
			2001													
			2000				16	22	30	23	17					24
			1999													
			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 5 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	1999	Dec 31 / 98	Mar 16 / 99			33				33
			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
Highway No. 1	1031	1-104	1993	Jan 14 / 93	Mar 29 / 93		16	19	18	4		14
			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							
Highway No. 1	1031	1-104	1994	Dec 29 / 93	Mar 31 / 94		19	20	24			21
			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							
	1	ftf-1	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	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	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	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	lacr	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	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	tlwr	2002	Jan 14 / 02	Mar 18 / 02		6	7				7
			2001	Dec 18 / 00	Mar 15 / 01							
			2000	Jan 11 / 00	Mar 15 / 00							
			1999	Dec 21 / 98	Mar 16 / 99		9	7	9			8
			1998	Jan 20 / 98	Mar 16 / 98				5			5
			1997	Jan 11 / 97	Mar 17 / 97			5	9			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	2000				7	15	17			13
			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 may indicate insufficient data to calculate monthly ADT, road closed, or counter not installed.

Mining Roads	
Caplin Mine	
Mackenzie River Crossing at Camself Bend	
Peel River Crossing	
Mackenzie River Crossing at T'slightethic	
Fort Simpson	
Fort River Crossing at Fort Providence	
Mackenzie River Crossing	
Ice Bridges	
Atkasvik Access	
Tuktoyaktuk Access	
Deilath Access	
Pease Lakes Access	
Wma TI Access	
Jean-Marie River Access	
Nahanni Butte Access	
Trout Lake Access	
DeLine Access	
Conville Lake Access	
Norman Wells - Ft. Good Hope (Highway #1)	
Norman Wells - Norman Wells Highway #1)	
Tukila - Norman Wells Highway #1)	
Wrigley - Tukila (Highway #1)	
Wrigley - Wrigley Highway #1)	
Fort Simpson - Wrigley Highway #1)	
Winter Roads	

Last 20 years average															
Open	17-Dec	15-Jan	8-Jan	7-Jan	18-Jan	22-Jan	4-Jan	17-Dec	19-Nov	20-Jan	3-Feb	12-Dec	25-Dec	3-Jan	28-Jan
Closed	11-Apr	23-Mar	27-Mar	26-Mar	30-Mar	27-Mar	24-Mar	25-Mar	30-Mar	7-Apr	6-Apr	16-Apr	27-Apr	28-Apr	4-Apr
Last 5 years average															
Open	10-Jan	11-Jan	4-Jan	18-Jan	23-Jan	31-Dec	13-Dec		4-Feb	16-Feb	21-Dec	14-Dec	10-Jan	Open	27-Jan
Closed	16-Mar	25-Mar	28-Mar	30-Mar	25-Mar	16-Mar	16-Mar		20-Apr	18-Apr	20-Apr	28-Apr	28-Apr	Closed	4-Apr

Table 7 Truck Traffic on Selected Winter Mining Roads

Winter Road	2004			2003			2002			2001			2000			1999			1998			1997			1996			1995			1994		
	Total Tonnage	Total Number of Trucks	Total Number of Trucks	Total Tonnage	Total Number of Trucks	Total Number of Trucks	Total Tonnage	Total Number of Trucks	Total Number of Trucks	Total Tonnage	Total Number of Trucks	Total Number of Trucks	Total Tonnage	Total Number of Trucks	Total Number of Trucks	Total Tonnage	Total Number of Trucks	Total Number of Trucks	Total Tonnage	Total Number of Trucks	Total Number of Trucks	Total Tonnage	Total Number of Trucks	Total Tonnage	Total Number of Trucks	Total Tonnage	Total Number of Trucks	Total Tonnage	Total Number of Trucks				
Lupin Mine (1)	11,097	288		27,832	702		27,315	698		26,239	688		21,672	557		3,356	85		4,220	112		42,399	1,093		38,301	1,062		41,545	1,288		31,225	960	
Others on Lupin (Echo Bay) Road																																	
BHP Diamonds Ekati Mine	105,127	2,984		101,990	3,003		132,077	3,913		99,297	2,912		66,609	3,402		41,453	1,759		73,712	2,431		48,573	2,419		25,238	934		12,757	399		24,113	753	
Diavik Diamond Mines Inc.	53,960	1,572		67,394	2,202		93,009	3,339		111,506	4,127		25,068																				
DeBeers Snap Lake	6,852	295																															
Mineral Exploration Traffic	2,108	117		1,602	87		3,083	218		8,545	363		12,031			12,399			4,056			8,789											
Total Lupin Road	179,144	5,256		198,818	5,994		256,915	8,168		245,587	8,090		125,380	3,959		57,208	1,844		81,988	2,543		99,761	3,512		63,539	1,996		54,302	1,687		55,338	1,713	
Total Colomac Mine (2)	-	-		-	-		-	-		-	-		-	-		-	-		-	-		42,500	1,266		55,000	1,700		47,000	1,500				

The number of trucks indicated are "loaded truckloads" and therefore represents one-way traffic. To determine the total truck traffic these numbers should be multiplied by 2.

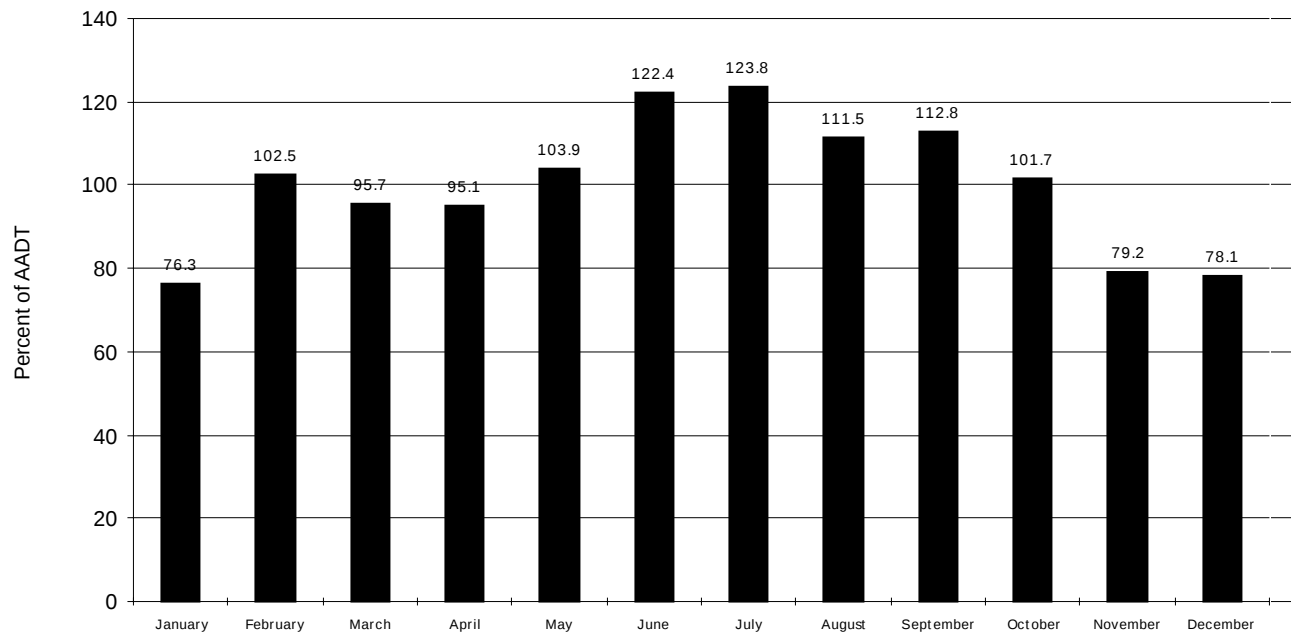
- (1) Lupin data provided by Echo Bay Mines Ltd. Road is typically open during most of January to March.
- | | |
|-------------|----------------------------------|
| 2004 season | 72 days (January 20 - April 1) |
| 2003 season | 71 days (January 21 - April 1) |
| 2002 season | 49 days (February 11 - March 31) |
| 2001 season | 70 days (February 4 - April 14) |
| 2000 season | 76 days (January 22 - April 7) |
| 1999 season | 58 days (February 1 - March 30) |
| 1998 season | 72 days (Date not available) |
| 1997 season | 75 days (Date not available) |
| 1996 season | 64 days (January 25 - April 13) |
| 1995 season | 65 days (January 18 - April 3) |
| 1994 season | 76 days (February 3 - April 1) |

Notes: BHP Diamond Mines Ekati Mine went into production in October of 1998. Diavik Diamond Mine began construction of the mine site in 2000.

- (2) 1997 was the last season for the Colomac winter road
Refer to Figure 1 for the location of these two winter roads.

Figure 4
Distribution of Monthly Traffic

Typical Near Urban Highway
(Hwy 3, Km 338)



Typical Rural Highway
(Hwy 5, Km 65)

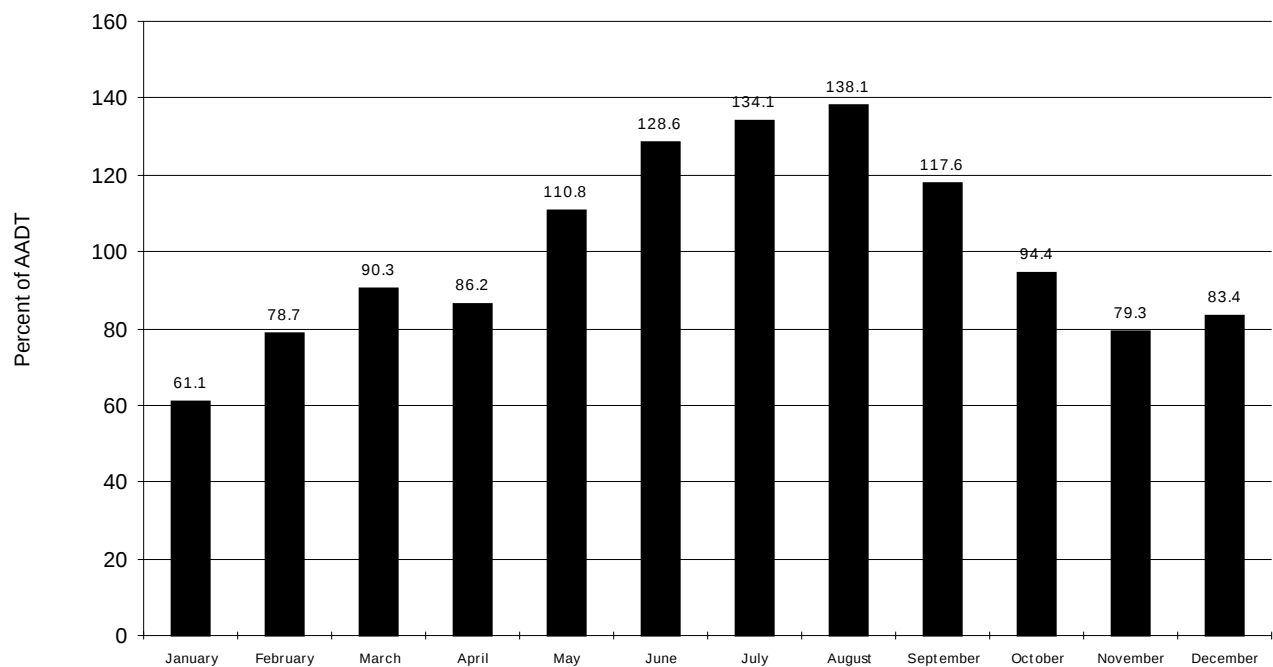
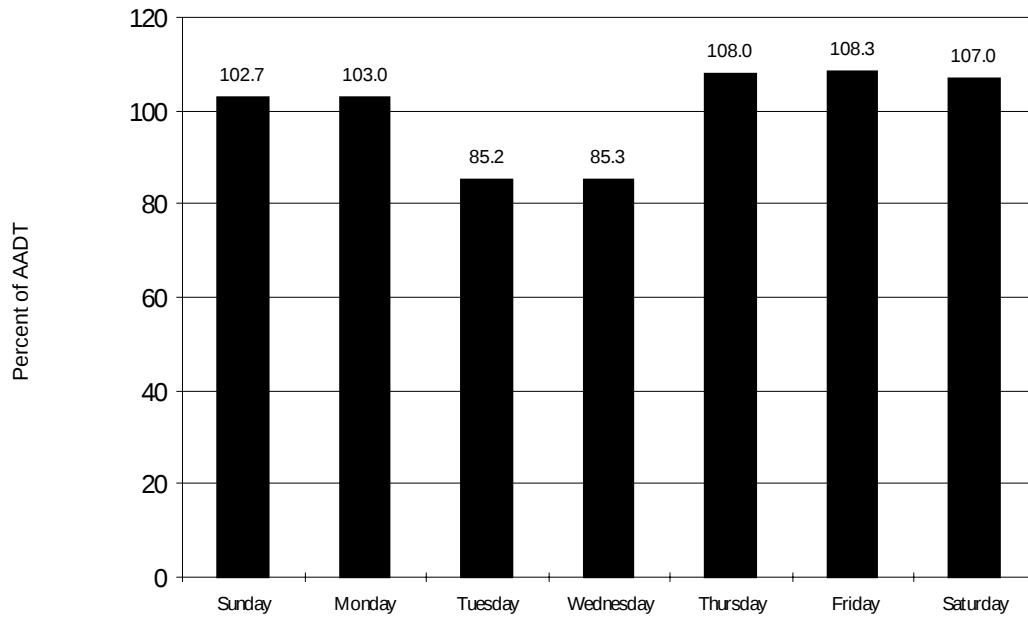


Figure 5
Distribution of Daily Traffic

Typical Near Urban Highway
(Hwy 3, Km 338)



Typical Rural Highway
(Hwy 5, Km 65)

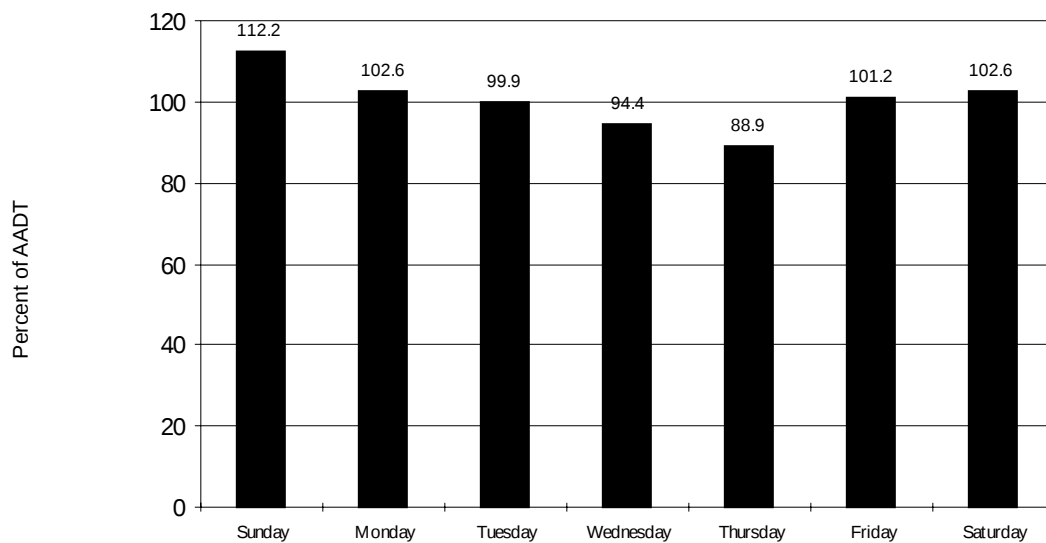
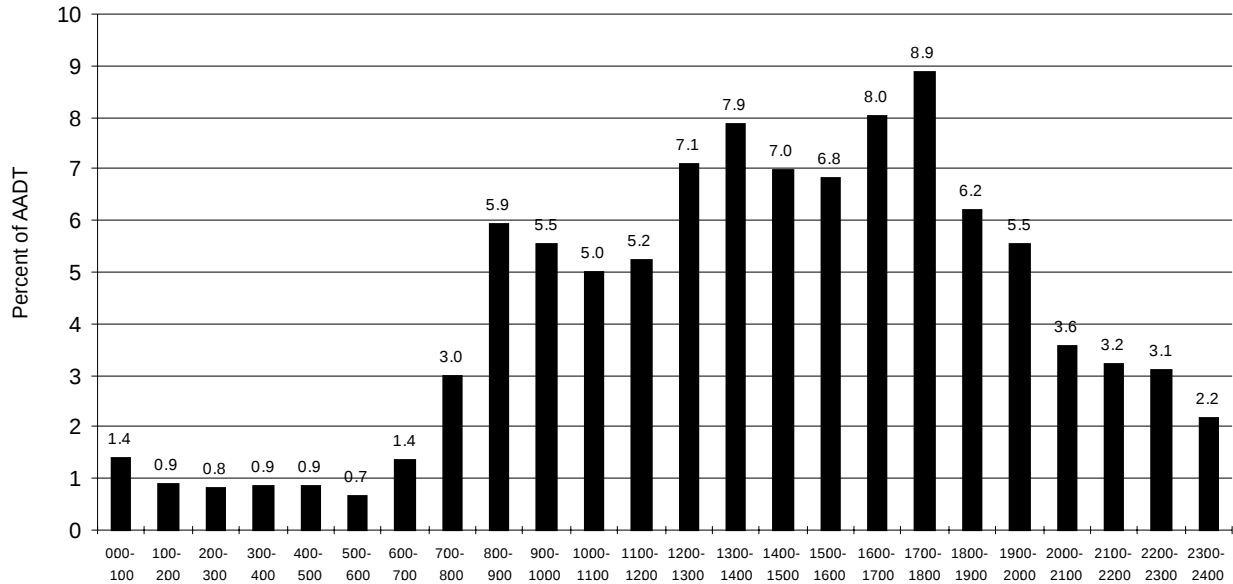


Figure 6
Distribution of Hourly Traffic

Typical Near Urban Highway
(Hwy 3, Km 338)



Typical Rural Highway
(Hwy 5, Km 65)

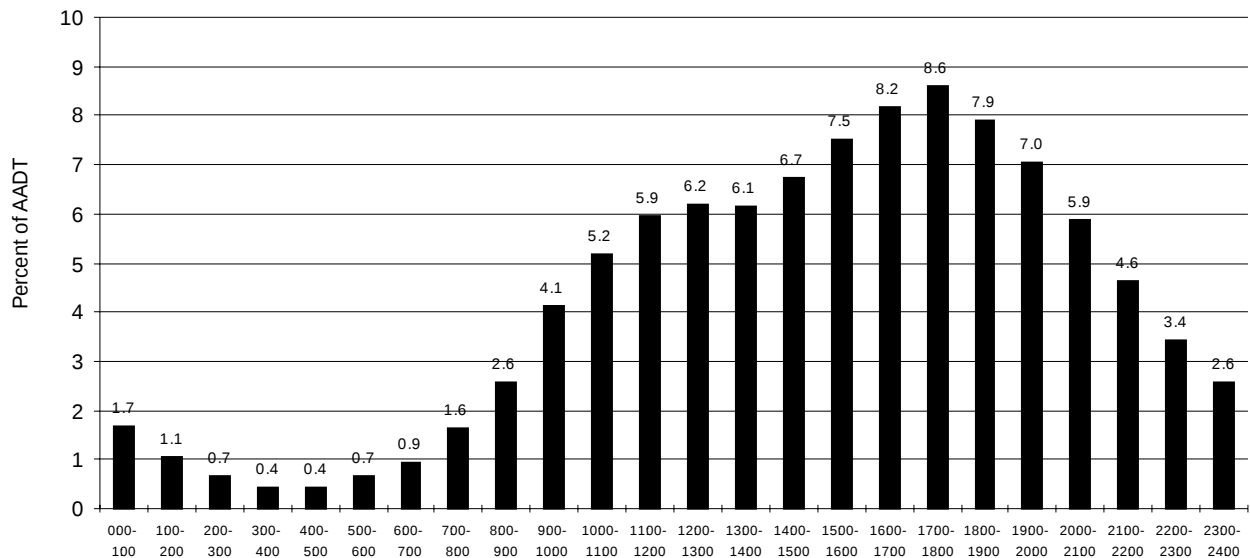


Table 8 Estimated Vehicle Kilometres Traveled on NWT Highways

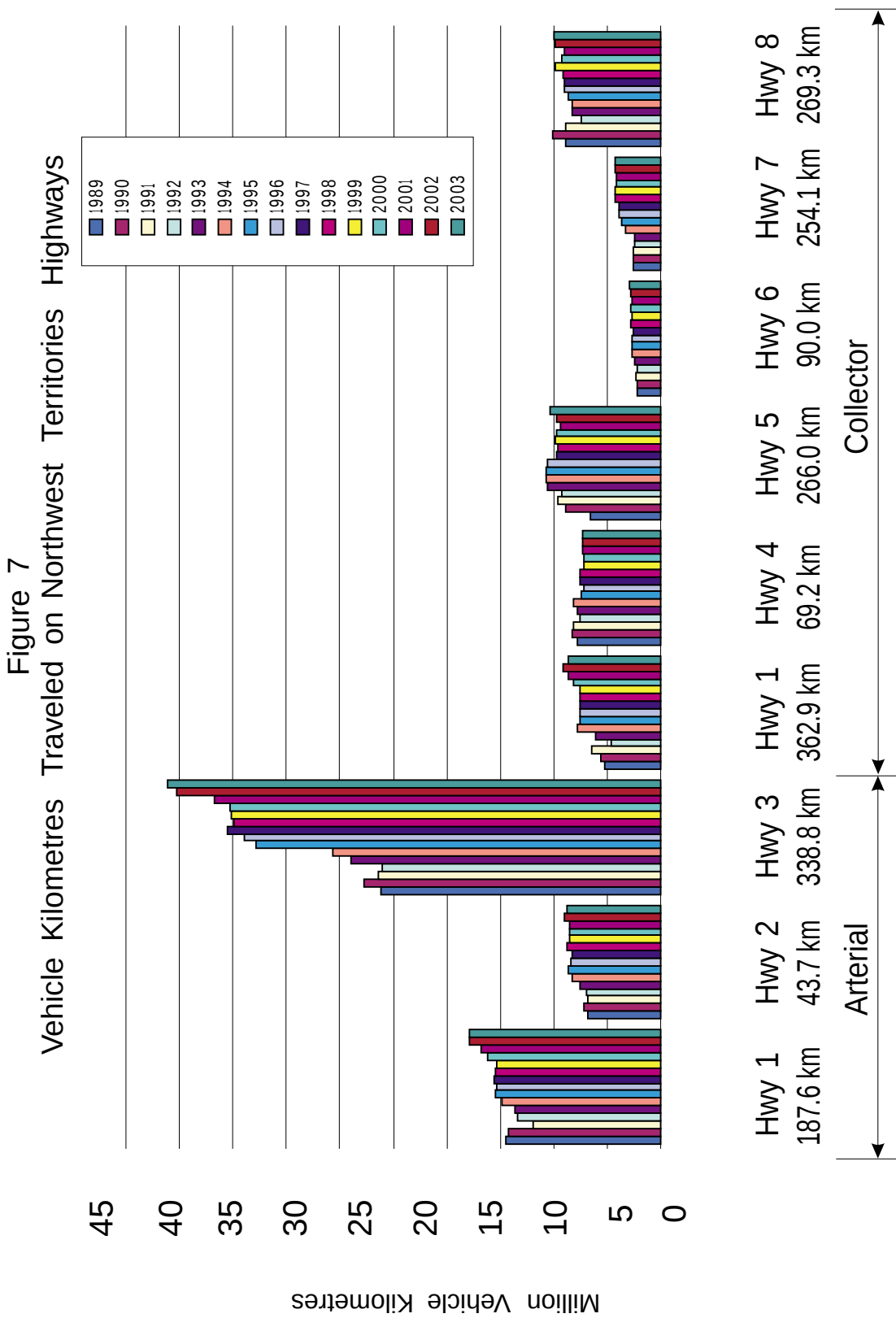
Hwy km			Length (km)	AADT										Vehicle Kilometres Traveled (millions)											
				2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
1	58	Alberta Border to Enterprise	84.2	250	250	240	230	220	210	210	210	220	210	200	7.6	7.8	7.4	7.1	6.7	6.6	6.6	6.3	6.7	6.4	6.0
1	85	Enterprise to Junction with Hwy #3	103.4	270	270	250	240	230	230	240	240	230	220	200	10.3	10.1	9.4	9.2	8.6	8.8	9.0	9.0	8.8	8.4	7.6
		1 Arterial	187.6												17.9	17.9	16.8	16.2	15.3	15.4	15.6	15.3	15.5	14.8	13.7
2	10	Enterprise to Junction with Hwy #5	37.5	410	420	400	400	400	410	390	400	400	380	340	5.6	5.8	5.5	5.4	5.5	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	1390	1420	1340	1340	1340	1340	1320	1340	1350	1310	1310	3.1	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0
		2 Arterial	43.7												8.7	9.0	8.5	8.5	8.5	8.7	8.3	8.4	8.6	8.2	7.6
3	2	Junction with Hwy #1 to Fort Providence Access	44.1	250	240	220	200	190	200	240	220	220	190	170	4.0	3.9	3.5	3.2	3.0	3.2	3.8	3.5	3.6	3.1	2.7
3	175	Fort Providence Access to Edzo Access	192.4	210	210	190	180	180	180	190	180	180	140	130	14.8	14.5	13.5	12.9	12.9	12.9	13.5	12.4	12.9	9.6	9.1
3	240	Edzo Access to Rae Access	8.5	650	640	590	570	550	560	550	550	560	530	500	2.0	2.0	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.6	1.6
3	305	Rae Access to Yellowknife Access (Old Airport Road)	88.5	450	440	410	400	390	390	390	380	350	330	310	14.6	14.3	13.1	12.9	12.7	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	5570	5460	5060	4980	5010	4890	4690	4600	4340	3600	2860	10.8	10.6	9.8	9.6	9.7	9.5	9.1	8.9	8.4	7.0	5.5
		3 Arterial	338.8												46.1	45.2	41.7	40.3	40.1	39.9	40.5	38.9	37.8	32.0	29.0
		Total Arterial	570.1												72.8	72.1	67.0	65.0	63.9	64.0	64.4	62.6	61.9	55.1	50.2
1	322	Junction with Hwy #3 to Junction with Hwy #7	268.8	60	60	60	60	50	50	50	50	50	50	40	6.1	6.3	6.1	5.6	5.0	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	240	240	240	240	240	230	220	200	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1
1	477	Fort Simpson Access to Mackenzie River	79.2	40	50	40	40	40	40	40	40	40	50	40	1.2	1.5	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.6	1.0
		1 Collector	362.9												8.6	9.1	8.6	8.1	7.5	7.5	7.5	7.6	7.6	7.8	6.1
4	1	Junction with Hwy #3 to Royal Oak Mine	5	1240	1240	1240	1230	1330	1460	1500	1480	1640	1810	1970	2.3	2.3	2.3	2.2	2.4	2.7	2.7	2.7	3.0	3.3	3.6
4	10	Royal Oak Mine to Prelude Lake East Access	11.8	730	730	730	720	680	680	660	640	660	700	730	3.1	3.1	3.1	3.1	2.9	2.9	2.9	2.7	2.8	3.0	3.1
4	43	Prelude Lake East Access to Tibbet Lake	52.4	100	100	100	100	100	100	100	90	80	80	70	1.9	1.9	1.9	1.9	1.9	1.9	2.0	1.8	1.6	1.5	1.4
		4 Collector	69.2												7.3	7.3	7.3	7.2	7.2	7.5	7.5	7.2	7.4	7.9	8.1
5	1	Junction with Hwy #2 to Hay River Indian Village Access	2.5	560	530	520	510	520	520	520	520	540	540	590	0.5	0.5	0.5	0.5	0.5	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	160	160	170	170	170	170	180	170	180	190	1.6	1.5	1.4	1.5	1.6	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	170	170	170	170	170	170	180	150	140	1.5	1.5	1.5	1.5	1.5	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	80	70	70	70	80	70	70	70	80	80	80	5.5	5.0	4.8	5.0	5.1	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	130	120	120	120	110	110	110	170	170	160	150	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.8	0.8	0.8	0.8
5	257	Fort Smith Access (Trout St.) to King St. Intersection	4.3	420	390	390	390	390	380	410	420	420	390	370	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6
		5 Collector	266												10.4	9.7	9.4	9.7	9.9	9.6	9.7	10.6	10.7	10.7	10.6
6	30	Junction with Hwy #5 to Little Buffalo Village Road	68.3	80	80	80	80	80	80	70	80	80	70	70	2.0	2.0	1.9	2.0	1.9	1.9	1.8	1.9	1.9	1.9	1.8
6	74	Little Buffalo Village Road to Fort Resolution	21.7	110	100	110	100	100	110	90	100	100	100	90	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.7
		6 Collector	90												2.9	2.8	2.7	2.8	2.7	2.8	2.6	2.7	2.7	2.6	2.5
7	35	BC Border to Fort Liard	37.6	120	120	120	120	120	120	110	90	90	70	60	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.3	0.9	0.8
7	253	Fort Liard to Junction with Hwy #1	216.5	30	30	30	30	30	30	30	30	30	30	30	2.7	2.6	2.4	2.5	2.7	2.7	2.4	2.7	2.4	2.3	1.9
		7 Collector	254.1												4.3	4.3	4.1	4.1	4.3	4.3	3.9	3.9	3.7	3.3	2.7
8	34	Yukon Border to Fort McPherson Access	85.4	50	50	40	40	40	40	40	40	50	40	40	1.6	1.6	1.1	1.1	1.1	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	90	90	90	80	80	50	50	50	1.7	1.8	1.8	1.8	1.8	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	70	80	90	80	80	80	80	70	80	3.3	3.3	3.2	3.4	3.8	3.4	3.4	3.3	3.2	3.1	3.3
8	259	Airport Access Road to Tuk Park Access Road	6.1	740	690	630	630	630	630	590	590	620	610	600	1.6	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.3
8	268	Tuk Park Access Road to Inuvik	3.9	1270	1210	1120	1120	1150	1150	1070	1070	1110	1090	1070	1.8	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.6	1.5
		8 collector	269.3												10.0	9.9	9.0	9.3	9.8	9.1	9.0	9.0	8.6	8.3	8.5
		Total Collector	1311.5												43.5	43.1	41.2	41.2	41.3	40.6	40.2	41.2	40.8	40.5	38.5
		Total Vehicle Kilometres Travelled													116.3	115.3	108.2	106.2	105.2	104.7	104.6	103.8	102.7	95.6	88.7

Note: * denotes counter has been taken out of service

Percent increase from 1993 to 1994 = 7.8% (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 = 1.1% (Arterial increase = 1.1%; Collector increase = 1.0%)
Percent increase from 1996 to 1997 = 0.8% (Arterial increase = 2.9%; Collector increase = -2.5%)
Percent increase from 1997 to 1998 = 0.1% (Arterial increase = -1.0%; Collector increase = 1.0%)
Percent increase from 1998 to 1999 = 0.5% (Arterial increase = -0.2%; Collector increase = 1.7%)
Percent increase from 1999 to 2000 = 1.0% (Arterial increase = 1.6%; Collector increase = -0.2%)
Percent increase from 2000 to 2001 = 1.9% (Arterial increase = 3.1%; Collector increase = 0.2%)
Percent increase from 2001 to 2002 = 6.6% (Arterial increase = 7.6%; Collector increase = 4.6%)
Percent increase from 2002 to 2003 = 0.9% (Arterial increase = 1.0%; Collector increase = 0.9%)

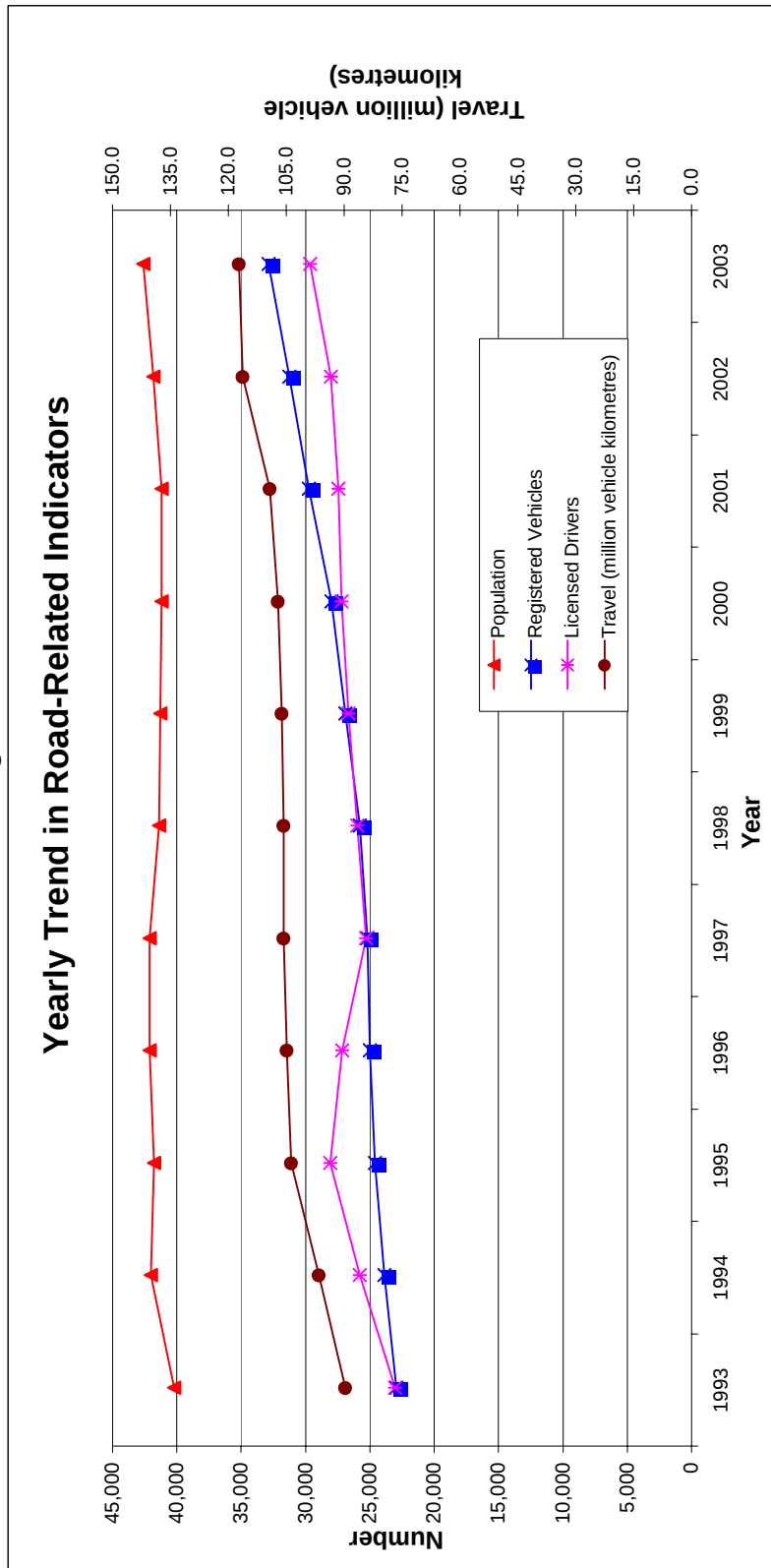
Average annual percent increase from 1993 to 2003 = 3.1% (Arterial increase = 4.5%; Collector increase = 1.3%)

Vehicle Kilometres Travelled (VKT) is a unit for measuring the amount of traffic on a road. It is calculated by multiplying the AADT by the length of the road.
I.E. (number of vehicles)(number of kilometres assumed driven)=vehicle kilometres travelled. VKT indicates usage of a road and is typically used to calculate collision rates.



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

Figure 8



Indicators	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Population*	39,900	41,700	41,500	41,800	41,800	41,100	41,000	40,900	40,900	41,549	42,321
Registered Vehicles	22,631	23,575	24,323	24,717	24,884	25,470	26,599	27,703	29,449	30,969	32,567
Licensed Drivers	22,742	25,471	27,794	26,853	24,997	25,655	26,371	26,880	27,148	27,748	29,368
Travel (million vehicle kilometres)	88.7	95.6	102.7	103.8	104.6	104.7	105.2	106.2	108.2	115.3	116.3

*Source: Northwest Territories Stats Bureau

Section 3.0

Vehicle Movements at Ferries and Weigh Scales

Figure 9
Average Daily Traffic on Highway Ferries

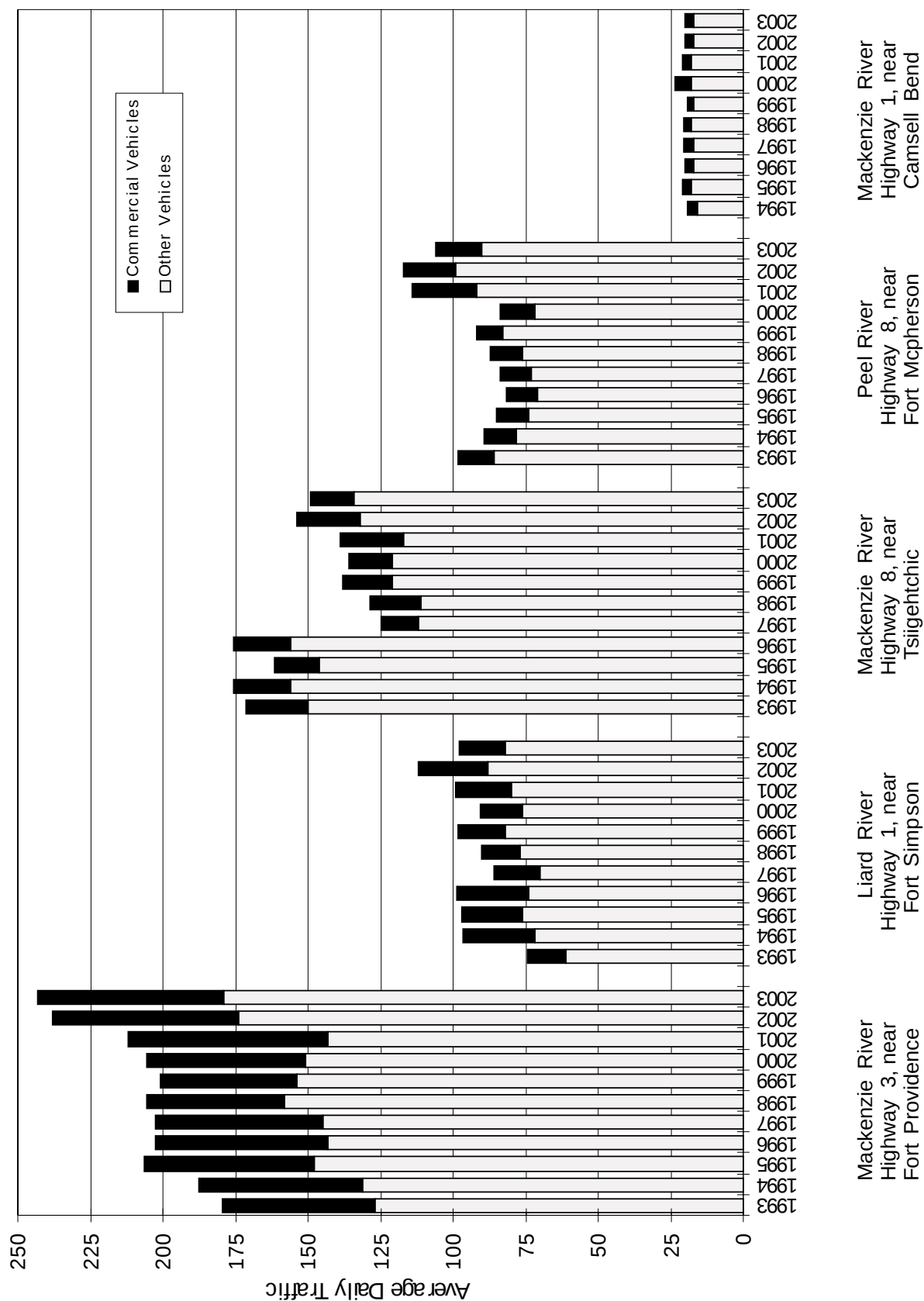


Table 9 Average Daily Traffic on Highway Ferries

Ferry Crossing	Location	Ferry	Vehicle Type	Year											
				2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	
Dory Point	Highway 3, near Fort Providence	M.V. Merv Hardie	Commercial Vehicles	64	64	69	55	47	47	58	59	59	57	52	
			Light Vehicles	159	155	130	134	136	141	130	129	134	119	117	
			Trailers Towed	20	19	13	17	18	17	15	14	14	12	10	
			Total	243	238	212	205	201	206	202	202	206	187	179	
Liard River	Highway 1, near Fort Simpson	M.V. Lafferty	Commercial Vehicles	16	24	19	14	16	13	16	25	21	25	13	
			Light Vehicles	76	81	75	70	76	72	66	68	70	66	53	
			Trailers Towed	6	7	5	6	6	5	5	6	6	6	8	
			Total	98	112	99	90	98	90	87	98	97	97	74	
Mackenzie River	Highway 8, near Tsiigehtchic	M.V. Louis Cardinal	Commercial Vehicles	15	22	22	15	17	18	13	20	16	20	22	
			Light Vehicles	127	119	105	106	106	93	97	139	132	146	129	
			Trailers Towed	7	13	12	13	15	15	15	17	14	10	21	
			Total	149	154	139	134	138	126	125	175	161	176	171	
Peel River	Highway 8, near Fort McPherson	C.F. Abraham Francis	Commercial Vehicles	16	18	22	12	9	11	11	11	11	11	12	
			Light Vehicles	81	92	82	64	71	64	65	60	62	67	76	
			Trailers Towed	9	7	10	8	12	12	8	11	12	11	10	
			Total	106	117	114	84	92	87	84	81	85	90	98	
Mackenzie River	Highway 1, near Camself Bend	M.V. Johnny Berens	Commercial Vehicles	3	3	3	6	2	3	3	3	3	3	3	
			Light Vehicles	16	16	17	17	16	17	17	16	17	16	16	
			Trailers Towed	1	1	1	1	1	1	0	1	1	0	0	
			Total	20	20	21	23	19	20	21	20	20	19	19	

Table 10 Vehicle Classification Data at Dory Point Ferry (Highway 3 near Fort Providence, M.V. Merv Hardie)

Operating Season Open	Month Close	Total Traffic	Average Daily Traffic	Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Percent of Total Over size	Bus	Other	Total Commercial	Number of Passengers
May 17/03	Jan 9/04											
	May-03	3,403	227	66.91	8.35	1.18	20.89	0.15	0.71	1.82	24.74	5,962
	Jun-03	9,553	318	67.83	12.93	1.62	15.49	0.05	0.68	1.39	19.24	20,432
	Jul-03	10,576	341	68.97	11.42	1.68	15.98	0.09	0.60	1.27	19.61	21,528
	Aug-03	11,024	356	72.78	9.44	2.47	13.93	0.09	0.47	0.82	17.78	22,428
	Sep-03	7,592	253	67.06	7.13	2.25	21.67	0.09	0.59	1.21	25.82	13,703
	Oct-03	6,934	224	66.93	4.20	2.52	24.34	0.07	0.89	1.04	28.87	12,257
	Nov-03	4,997	167	56.15	3.08	3.08	35.32	0.06	0.92	1.38	40.76	7,974
	Dec-03	3,159	102	34.19	3.45	4.31	54.76	0.32	1.27	1.71	62.36	4,697
	Jan-04	482	54	11.41	2.70	1.45	78.63	0.41	2.49	2.90	85.89	740
	Total	57,720	243	65.40	8.45	2.23	21.87	0.10	0.71	1.25	26.16	109,721
May 22/02	Jan 27/03											
	May-02	2,133	213	61.28	7.03	2.11	27.75	0.09	0.70	1.03	31.69	3,279
	Jun-02	9,137	305	65.63	13.69	1.93	16.75	0.13	0.58	1.29	20.67	17,689
	Jul-02	10,313	333	68.02	11.70	1.73	16.78	0.13	0.71	0.93	20.28	20,781
	Aug-02	10,680	345	72.70	10.15	1.37	14.33	0.07	0.49	0.91	17.15	21,989
	Sep-02	7,178	239	68.36	6.73	2.70	20.74	0.24	0.52	0.71	24.91	12,930
	Oct-02	6,607	213	67.11	3.33	3.16	24.63	0.12	0.88	0.77	29.56	11,651
	Nov-02	5,529	184	55.78	2.39	3.04	36.23	0.22	0.96	1.39	41.83	9,216
	Dec-02	5,034	162	63.23	3.42	2.60	28.96	0.10	0.74	0.95	33.35	9,038
	Jan-03	3,117	115	39.65	2.09	3.66	50.85	0.13	1.28	2.34	58.26	4,962
	Total	59,728	238	65.17	7.98	2.28	22.68	0.13	0.70	1.06	26.85	111,535
May 12/01	Feb 4/02											
	May-01	4,102	216	67.8	6.6	1.6	21.8	0.1	0.8	1.5	25.7	7,266
	Jun-01	8,786	293	66.8	11.7	1.8	17.4	0.0	0.6	1.7	21.6	18,401
	Jul-01	9,369	302	69.6	12.5	1.1	17.4	0.1	0.7	1.6	17.9	19,557
	Aug-01	9,497	306	72.4	9.2	1.4	15.1	0.0	0.7	1.2	18.4	20,485
	Sep-01	6,944	231	67.1	6.2	3.4	19.1	2.9	0.6	0.8	26.7	12,063
	Oct-01	6,181	199	64.6	3.5	2.5	27.2	0.3	1.0	0.9	31.9	11,308
	Nov-01	5,284	176	52.6	3.1	2.9	38.8	0.5	1.1	1.1	44.3	9,069
	Dec-01	4,914	159	54.2	2.6	3.2	38.1	0.3	0.9	0.7	43.2	8,220
	Jan-02	5,791	187	34.8	2.1	3.2	57.0	0.9	1.0	1.1	63.1	8,450
	Feb-02	493	123	3.9	0.2	4.9	88.0	2.0	0.6	0.4	95.9	551
	Total	56,766	212	61.1	6.4	2.3	27.7	0.6	0.8	1.2	32.6	115,370
May 09/00	Jan 15/01											
	Total	51,753	205	65.1	8.2	2.1	22.3	0.0	0.8	1.5	26.7	99,729
May 09/99	Jan 21/00											
	Total	51,753	201	67.8	8.7	2.0	19.2	0.1	0.8	1.3	23.4	102,541
May 07/98	Jan 13/99											
	Total	51,820	206	51.9	5.5	1.8	14.1	0.0	0.7	1.0	17.6	100,691
May 14/97	Jan 29/98											
	Total	52,660	202	64.3	7.2	2.5	24.0	0.1	0.8	1.1	28.5	100,851
May 15/96	Jan 14/97											
	Total	49,909	202	63.7	6.8	3.1	24.2	0.1	0.6	1.4	29.4	96,779
May 13/95	Jan 12/96											
	Total	50,440	206	65.0	6.6	4.1	22.4	0.3	0.7	0.8	28.4	96,699
May 11/94	Jan 10/95											
	Total	45,905	187	63.5	6.3	3.0	25.2	0.1	0.8	1.1	30.2	90,852
May 6/93	Jan 14/94											
	Total	45,428	179	65.4	5.3	3.9	23.5	0.1	1.0	0.8	29.2	88,841

Note: To calculate the monthly average daily traffic, the total monthly volume is divided by the number of days in the month, regardless of whether or not the ferry operated everyday in the month, except for the beginning and ending months where the actual number of days is used.

Table 11 Vehicle Classification Data at Liard River Ferry (Highway 1 near Fort Simpson, M.V. Lafferty)

Operating Season	Month	Total Traffic	Average Daily Traffic	Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Percent of Total Over size	Bus	Other	Total Commercial	Number of Passengers
May 13/03	Nov 4/03											
	May-03	1,797	95	86.03	3.62	2.78	3.78	0.00	0.22	3.56	10.35	3,796
	Jun-03	2,957	99	75.62	9.06	4.13	7.51	0.03	0.27	3.38	15.32	6,052
	Jul-03	3,072	99	76.30	8.79	2.96	8.76	0.23	0.13	2.83	14.91	6,797
	Aug-03	3,294	106	77.47	8.86	3.64	7.65	0.18	0.27	1.91	13.66	7,247
	Sep-03	3,173	106	72.68	5.01	4.85	15.51	0.66	0.25	1.04	22.31	5,866
	Oct-03	2,654	86	78.30	3.20	6.78	8.63	0.08	0.60	2.41	18.50	5,482
	Nov-03	246	62	84.15	2.85	5.69	2.85	0.00	0.00	4.47	13.01	439
	Total	17,193	98	77.18	6.67	4.25	8.95	0.22	0.28	2.45	16.16	35,679
May 22/02	Nov 6/02											
	May-02	793	79	82.60	2.77	3.91	3.53	0.00	0.88	6.31	14.63	1,557
	Jun-02	3,533	118	69.77	7.39	3.26	15.20	0.03	0.65	3.71	22.84	7,103
	Jul-02	4,067	131	72.93	7.70	4.18	12.20	0.00	0.44	2.56	19.38	8,649
	Aug-02	4,008	129	72.08	7.56	5.86	11.35	0.05	0.27	2.82	20.36	8,324
	Sep-02	3,412	114	68.76	4.51	5.45	19.05	0.29	0.32	1.61	26.73	6,236
	Oct-02	2,689	87	74.23	3.27	5.65	14.80	0.07	0.19	1.79	22.50	5,040
	Nov-02	474	79	82.28	2.95	5.91	6.33	0.00	0.00	2.53	14.77	921
	Total	18,976	112	72.23	6.09	4.83	13.67	0.08	0.40	2.70	21.68	37,830
May 15/01	Nov 3/01											
	May-01	1,470	92	85.44	2.93	4.29	2.86	0	0.75	3.74	11.6	3,198
	Jun-01	3,368	112	73.34	5.26	6.74	8.76	0.56	0.74	4.6	21.4	6,821
	Jul-01	3,725	120	66.9	8.29	4.03	17.66	0.3	0.32	2.5	24.8	7,374
	Aug-01	3,155	102	78.99	8.18	4.03	6.72	0.22	0.41	1.46	12.8	7,017
	Sep-01	2,781	93	78.93	4.6	6.08	7.84	0.43	0.43	1.69	16.5	5,386
	Oct-01	2,530	82	78.38	2.25	6.4	7.55	0.08	0.28	5.06	19.4	4,616
	Nov-01	117	39	72.65	2.56	12.82	2.56	0	1.71	7.69	24.8	200
	Total	17,146	99	75.7	5.7	5.3	9.4	0.3	0.5	3.1	18.7	34,612
May 09/00	Nov 3/00	16,048	90	77.2	6.8	4.4	7.7	0.2	0.6	3.1	16.0	33,040
May 10/99	Nov 3/99	17,376	98	77.5	5.8	4.3	8.7	0.2	0.9	2.5	16.7	34,907
May 06/98	Nov 10/98	17,022	90	79.4	5.8	4.2	7.4	0	0.8	2.3	14.8	34,808
May 15/97	Nov 12/97	14,885	87	74.7	6.1	5.1	10.7	0.1	0.9	2.4	19.2	30,666
May 8/96	Oct 26/96	16,932	98	69	5.8	5.6	16	0.2	0.7	2.8	25.3	35,472
May 9/95	Oct 27/95	16,646	97	71.6	6.5	5.1	14.4	0.2	0.2	2	21.9	34,734
May 6/94	Nov 6/94	17,869	97	68.8	5.9	5.6	17.1	0.2	0.2	2.2	25.3	36,163
May 12/93	Nov 17/93	14,053	74	71.6	10.5	6.5	9.2	0.1	0.3	1.8	17.9	29,516

Table 12 Vehicle Classification Data at Mackenzie River Ferry (Highway 8 near Tsiigehtchic, M.V. Louis Cardinal)

Operating Season	Month	Total Traffic	Average Daily Traffic	Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Percent of Total Over size	Bus	Other	Total Commercial	Number of Passengers
June 5/03	Nov 1/03											
	Jun-03	4,449	171	83.86	6.47	1.84	7.01	0.22	0.04	0.54	9.67	8,497
	Jul-03	5,679	183	83.85	5.85	1.60	7.48	0.07	0.30	0.85	10.30	12,359
	Aug-03	5,397	174	84.82	6.15	3.35	4.63	0.04	0.24	0.76	11.985	9,02
	Sep-03	3,763	125	87.14	2.07	1.49	8.90	0.08	0.05	0.27	10.79	8,543
	Oct-03	2,973	96	86.68	0.13	2.99	9.35	0.24	0.07	0.54	13.19	6,772
June 5/02	Nov-03	50	50	96.00	0.00	4.00	0.00	0.00	0.00	0.00	4.00	113
	Total	22,311	149	85.05	4.63	2.25	7.17	0.12	0.16	0.62	10.32	48,269
	Jun-02	4,641	179	73.67	11.27	3.40	9.20	0.50	0.06	1.90	15.06	10,210
	Jul-02	5,891	190	74.61	12.07	4.72	5.60	0.24	0.20	2.56	13.33	13,135
	Aug-02	4,832	156	80.77	7.99	2.63	6.42	0.41	0.21	1.57	11.24	10,928
	Sep-02	3,754	125	81.78	2.98	3.09	9.91	1.25	0.00	0.99	15.24	8,033
June 5/01	Oct-02	2,012	106	76.19	0.80	6.76	13.67	0.99	0.15	1.44	23.01	4,538
	Total	21,130	154	77.24	8.27	3.86	8.11	0.59	0.13	1.80	14.49	46,844
	Jun-01	3,896	156	71.33	14.55	2.85	9.16	0.77	0.05	1.98	14.8	8,206
	Jul-01	4,879	157	73.25	13.86	2.52	8.28	0.47	0.25	1.37	12.9	10,489
	Aug-01	4,600	148	81.07	8.74	2.13	6.37	0.17	0.07	1.46	10.2	9,954
	Sep-01	3,521	117	75.75	3.1	3.46	16.79	0.34	0.11	0.45	21.2	7,465
June 5/00	Oct-01	2,931	113	73.8	0.48	3.86	20.4	0.34	0	1.13	25.7	6,058
	Total	19,827	139	75.2	8.9	2.9	11.3	0.3	0.1	1.3	15.9	42,172
	Oct. 23/00	18,795	134	78.7	9.8	2.5	6.9	0.1	0.1	1.8	11.5	39,917
	Oct. 16/99	19,028	138	76.5	11.0	3.3	7.2	0.1	0.2	1.7	12.5	41,066
	Oct. 24/98	19,149	126	74.1	11.9	3.8	4.8	0.0	0.3	5.1	13.9	43,258
	Oct 18/97	16,894	125	77.2	12.3	2.5	4.9	0.1	0.7	2.4	10.5	38,471
June 4/96	Oct 16/96	23,570	175	79.3	9.5	2.9	5.9	0.5	0.5	1.4	11.2	45,636
	Oct 24/95	24,620	160	81.9	8.4	2.1	5.3	0.3	0.5	1.5	9.7	50,398
	Oct 30/94	27,052	176	82.9	5.9	3	4.6	0.3	0.5	2.8	11.2	55,606
	Oct 28/93	25,132	171	75.3	12.1	2.3	5.7	0.7	0.3	3.5	12.6	52,585

Table 13 Vehicle Classification Data at Peel River Ferry (Highway 8 near Fort McPherson, C.F. Abraham Francis)

Operating Season	Month	Total Traffic	Average Daily Traffic	Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Percent of Total Over Size	Bus	Other	Total Commercial	Number of Passengers
June 4/03	Oct 29/03											
	Jun-03	2,323	86	68.40	15.93	3.96	7.88	0.52	0.04	3.27	15.67	5,275
	Jul-03	4,024	130	69.73	12.97	0.77	11.53	0.32	0.77	4.35	17.30	8,830
	Aug-03	5,230	169	85.03	6.52	0.50	4.63	0.88	0.84	1.61	8.45	10,264
	Sep-03	2,652	88	74.89	4.11	1.17	17.99	0.41	0.00	1.43	21.00	5,028
	Oct-03	1,486	51	79.95	0.94	1.01	17.83	0.07	17.83	0.00	19.11	2,836
	Total	15,715	106	76.46	8.63	1.24	10.38	0.53	0.39	2.37	14.91	32,233
May 27/02	Oct 25/02											
	May-02	253	51	71.15	1.19	4.74	22.92	0.00	0.00	0.00	27.67	514
	Jun-02	2,629	88	69.46	7.99	3.80	11.98	0.53	0.38	5.86	22.56	5,536
	Jul-02	4,751	153	74.26	10.29	1.54	9.05	0.55	0.36	3.96	15.45	9,882
	Aug-02	5,300	171	83.91	4.47	1.25	6.68	1.25	1.08	2.00	11.62	11,965
	Sep-02	3,314	110	86.18	2.23	0.63	8.27	1.36	0.21	1.12	11.59	6,632
	Oct-02	1,563	63	75.69	0.32	2.37	14.84	4.61	0.06	2.11	23.99	2,793
	Total	17,810	117	78.72	5.72	1.73	9.34	1.07	0.52	2.91	15.56	37,322
June 10/01	Oct 29/01											
	Jun-01	2,494	125	65.6	16.6	2.9	11.7	0.3	0.2	2.7	17.8	4,914
	Jul-01	4,231	136	68.1	12.0	4.1	13.3	0.5	0.3	1.8	19.9	8,309
	Aug-01	4,674	151	79.6	7.5	3.0	7.8	0.1	1.0	0.9	12.8	9,600
	Sep-01	2,807	94	71.5	3.6	2.2	21.6	0.1	0.0	1.0	24.9	5,303
	Oct-01	1,908	66	69.7	0.5	2.5	26.2	0.2	0.1	0.9	29.9	3,372
	Total	16,114	114	71.8	8.6	3.1	14.4	0.3	0.4	1.4	19.6	31,498
June 6/00	Oct 26/00											
	Total	11,959	84	76.3	9.7	1.7	9.0	0.3	0.5	2.6	14.1	27,823
May 30/99	Oct 15/99											
	Total	12,713	92	76.8	13.4	0.8	5.6	0.5	0.5	2.4	9.8	28,066
May 25/98	Oct 21/98											
	Total	13,097	87	73.8	13.2	1.4	6.9	0.3	0.4	4.0	13.0	32,775
May 30/97	Oct 21/97											
	Total	11,738	84	77.0	9.7	1.6	7.4	0.1	0.5	3.7	13.3	27,454
June 3/96	Oct 19/96											
	Total	11,237	81	73.5	13.3	1.8	8.2	0.1	0.5	2.7	13.3	25,891
May 22/95	Oct 24/95											
	Total	13,247	85	72.4	14.6	1.1	8.7	0	0.4	2.7	13.0	31,485
May 27/94	Oct 29/94											
	Total	14,012	90	74.9	12.4	0.8	9.1	0.0	0.3	2.5	12.7	35,352
June 3/93	Oct 29/93											
	Total	14,561	98	77.6	9.9	0.8	8.8	0.2	0.6	2.2	12.6	38,078

Table 14 Vehicle Classification Data at Mackenzie River Ferry (Highway 1, road to Wrigley, near Camsell Bend, M.V. Johnny Berens)

Operating Season	Month	Total Traffic	Average Daily Traffic	Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Percent of Total Over size	Bus	Other	Total Commercial	Number of Passengers
May 30/03	Oct 31/03											
	May-03	37	19	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103
	Jun-03	477	16	79.66	3.14	9.64	2.10	0.00	0.00	5.45	17.19	1,001
	Jul-03	611	20	74.96	3.76	13.58	4.42	0.00	0.00	3.27	21.28	1,302
	Aug-03	671	22	86.14	4.47	5.37	1.49	0.00	0.00	2.53	9.39	1,641
	Sep-03	672	22	84.67	6.55	5.51	1.19	0.00	0.00	2.08	8.78	1,335
	Oct-03	695	22	82.45	3.02	6.91	5.76	0.00	0.00	1.87	14.53	1,334
	Total	3,163	20	82.04	4.20	7.90	3.00	0.00	0.00	2.85	13.75	6,716
May 31/02	Nov 01/02											
	May-02	14	14	92.86	0.00	0.00	0.00	0.00	0.00	7.14	7.14	40
	Jun-02	494	16	75.91	3.64	9.72	3.04	0.00	0.00	7.69	20.45	982
	Jul-02	739	24	81.46	4.74	5.95	2.84	1.49	0.00	3.52	13.80	1,649
	Aug-02	625	20	78.08	9.60	5.28	4.00	0.00	0.00	3.04	12.32	1,282
	Sep-02	672	22	81.99	5.95	6.85	2.83	0.00	0.60	1.79	12.05	1,409
	Oct-02	545	18	78.72	3.30	7.89	7.34	0.00	0.00	2.75	17.98	1,007
	Nov-02	17	17	94.12	5.88	0.00	0.00	0.00	0.00	0.00	0.00	33
	Total	3,106	20	79.65	5.54	6.89	3.86	0.35	0.13	3.57	14.81	6,402
May 22/01	Oct 29/01											
	May-01	169	19	86.5	1.2	3.1	1.2	1.2	2.5	4.3	12.3	427
	Jun-01	548	18	77.9	4.0	6.4	1.0	0.8	0.8	9.2	18.1	1,089
	Jul-01	730	24	70.0	10.9	9.1	2.2	2.2	0.0	5.5	19.1	1,541
	Aug-01	680	22	86.4	6.2	5.0	0.9	0.6	0.0	0.9	7.4	1,452
	Sep-01	657	22	79.8	5.9	5.9	5.9	0.5	0.0	1.9	14.3	1,193
	Oct-01	620	21	76.1	5.0	7.4	6.4	0.9	0.0	4.2	18.9	1,040
	Total	3,404	21	79.5	5.5	6.1	2.9	1.0	0.5	4.3	14.8	6,742
May 20/00	Oct 30/00											
	Total	3,786	23	72.9	3.3	3.9	3.3	0.3	0.2	16.2	23.8	7,593
May 21/99	Oct 16/99											
	Total	2,779	19	82.6	4.8	4.7	2.8	0.0	0.1	4.9	12.6	7,270
May 15/98	Nov. 03/98											
	Total	3,384	20	83.9	3.2	4.6	4.4	0.3	0.1	3.4	12.9	8,959
May 18/97	Oct 27/97											
	Total	3,396	21	82.6	1.8	8.8	2.0	0.1	0.2	4.4	15.6	8,448
May 22/96	Oct 25/96											
	Total	3,161	20	80.0	4.5	4.9	5.2	0.2	0.1	5.2	15.5	6,926
May 17/95	Oct 16/95											
	Total	2,990	20	83.3	2.4	6.0	4.2	0.6	0.1	3.3	14.3	6,935
June 3/94	Nov 2/94											
	Total	2,978	19	82.2	1.7	5.4	6.7	0.6	0.3	3.1	16.1	6,712

Table 15 Vehicle Classification at the Enterprise Weigh Scale

Unit Type	1999												10 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle		3	8	1	9	14	12	8	7	6	7	14	89	1.10
Tandem		3	17	9	17	22	9	18	13	7	3	6	124	1.54
5 Axle		106	435	169	168	224	277	184	215	177	169	215	2339	28.99
6 Axle		65	267	52	135	151	153	122	159	99	81	123	1407	17.44
A Train		30	124	78	86	174	182	104	103	87	75	77	1120	13.88
B Train		61	167	14	11	59	26	17	28	28	25	30	466	5.78
C Train		4	7	1	0	2	1	0	0	3	0	2	20	0.25
Super B		145	651	103	76	258	169	172	243	215	151	277	2460	30.49
Logging Truck		7	36	0	0	0	0	0	0	0	0	0	43	0.53
Total		424	1712	427	502	904	829	625	768	622	511	744	8,068	100.00

Unit Type	2000												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle	8	7	7	7	6	10	9	12	4	6	7	2	85	0.74
Tandem	11	29	13	6	10	21	8	8	13	24	12	10	165	1.44
5 Axle	246	412	586	164	221	210	204	204	148	214	170	187	2966	25.81
6 Axle	129	376	495	87	70	122	126	128	132	118	127	157	2067	17.99
A Train	70	73	119	57	82	148	117	116	91	75	85	56	1089	9.48
B Train	78	223	195	28	24	33	30	19	33	55	29	66	813	7.08
C Train	10	36	10	2	0	2	1	1	2	6	4	7	81	0.70
Super B	460	671	806	171	88	284	225	215	258	300	361	277	4116	35.82
Logging Truck	39	35	35	0	0	0	0	0	0	0	0	0	109	0.95
Total	1051	1862	2266	522	501	830	720	703	681	798	795	762	11,491	100.00

Unit Type	2001											12 Month		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle	16	12	16	3	5	4	2	12	6	2	1	1	80	0.55
Tandem	15	23	26	11	18	10	18	27	102	10	54	2	316	2.17
5 Axle	427	466	699	262	191	217	186	181	170	203	204	42	3248	22.29
6 Axle	320	516	679	210	113	163	157	226	172	169	176	38	2939	20.17
A Train	76	97	130	72	107	134	139	117	114	114	95	25	1220	8.37
B Train	170	171	244	103	14	13	26	21	18	26	11	7	824	5.65
C Train	2	33	41	28	0	0	0	0	0	0	0	0	104	0.71
Super B	855	912	1575	568	118	333	202	183	260	315	397	125	5843	40.09
Logging Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total	1881	2230	3410	1257	566	874	730	767	842	839	938	240	14,574	100.00

Note: In December 2001, it is estimated that only one-third of the data was collected due to increased weigh scale closures.

Unit Type	2002												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle	12	27	18	12	9	9	6	8	14	9	7	10	141	0.88
Tandem	62	68	71	91	2	9	1	1	0	2	1	1	309	1.94
5 Axle	230	505	546	178	132	338	257	226	352	353	236	189	3542	22.21
6 Axle	212	514	579	200	65	249	224	231	249	248	246	158	3175	19.91
A Train	106	117	100	114	72	184	161	152	126	151	119	93	1495	9.38
B Train	101	209	195	25	10	20	13	20	25	38	12	10	678	4.25
C Train	17	69	73	9	1	7	9	0	0	1	0	1	187	1.17
Super B	703	1397	1767	259	42	295	306	207	276	321	506	339	6418	40.25
Logging Truck	-	-	-	-	-	0	0	0	0	0	0	0	0	0.00
Total	1443	2906	3349	888	333	1111	977	845	1042	1123	1127	801	15,945	100.00

Unit Type	2003											12 Month		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle	13	12	24	8	4	3	16	7	12	11	3	6	119	0.75
Tandem	38	47	74	17	18	24	80	70	35	36	23	29	491	3.09
5 Axle	218	497	687	234	207	180	425	198	260	361	207	177	3651	22.96
6 Axle	183	541	670	152	185	141	214	163	281	262	190	118	3100	19.49
A Train	100	109	129	98	155	133	159	129	138	163	136	143	1592	10.01
B Train	17	134	173	7	57	12	22	14	5	26	4	12	483	3.04
C Train	5	51	99	4	2	1					2	4	168	1.06
Super B	655	1397	2027	155	110	199	253	148	222	284	411	436	6297	39.60
Logging Truck					1								1	0.01
Total	1229	2788	3883	675	739	693	1169	729	953	1143	976	925	15,902	100.00

Source: Enterprise Weigh Scale Database.

Table 16 Commodity Types at the Enterprise Weigh Scale

1999														
Commodity Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	10 Month Total	% of Total
Ammonium Nitrate			57		1	7	1	3	3			6	78	1.02
Asphalt			0	0	1	11	10	6	2	1	0	0	31	0.41
Aviation Fuel			79	20	16	37	29	44	40	31	27	25	348	4.55
Building Material			80	21	9	25	50	30	36	10	6	2	269	3.52
Calcium					1	84	1	2	3	6			97	1.27
Camp Shack			15	2	1	4	3	5	6	2	3	5	46	0.60
Cement			1	1		4	3	2	6		1	2	20	0.26
Compressed Gases			2	1	1	10	8	9	6	5	2	2	46	0.60
Construction Material			1				1		0				2	0.03
Containers			2	0	0	0		0	0	0	0	0	2	0.03
Corrosive Materials			8	6	2	4	6	7	7	4	2	4	50	0.65
Danger Placard			20	12	20	45	38	27	23	21	21	28	255	3.34
Drill Rig			0	0	0	1	0	0	0	0	0	18	19	0.25
Equipment			113	28	28	66	43	34	38	30	33	29	442	5.78
Explosives			5	2	6	2	5	3	3	2	3	1	32	0.42
Flammable Liquids			21	2	7	20	17	6	4	4	2	1	84	1.10
Fuel Oil			526	42	17	47	37	36	120	104	69	174	1172	15.33
Gasoline			55	20	19	38	49	25	33	34	15	24	312	4.08
General Freight			453	209	220	308	317	267	275	226	208	268	2751	35.99
Gravel			0	7	63	14	9	3	4	3	2	6	111	1.45
Hay Bales			1	0	0	0	2	0	0	4	3	0	10	0.13
Highway Salt			4	0	0	0	0	0	4	4	7	5	24	0.31
Household Furniture			1	7	4	9	11	4	4	3	3	14	60	0.78
Lime			0	0	0	1	0	0	0	0	0	0	1	0.01
Liquified Petroleum Gases			43	12	15	17	10	10	15	17	21	39	199	2.60
Logs			80	1									81	1.06
Lumber			1		2	3	1	1	19	32	9	3	71	0.93
Miscellaneous			107	27	38	114	149	72	78	55	57	69	766	10.02
Mobile Homes			0	0	0	1	1	4	2	0	0	0	8	0.10
Pipe			4		5	1	1	7	16	5		1	40	0.52
Steel			1	0	0	0	0	0	1	2	0	0	4	0.05
Tanks			5	0	0	1	1	3	4	0	0	1	15	0.20
Tare Weight			0	1	8	5	4	1	1	0	0	0	20	0.26
Tires			9	0	2	0	1	0	0	0	0	1	13	0.17
Vehicles			18	6	16	25	21	14	15	17	17	16	165	2.16
Total			1712	427	502	904	829	625	768	622	511	744	7644	100.00

2000

Northwest Territories 2003 Highway Traffic

Table 16 Commodity Types at the Enterprise Weigh Scale

Commodity Type	2001												11 Month Total	% of Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Ammonium Nitrate	73	149	166	16	1	1	1	2	2	1	6	6	424	2.91
Asphalt	0	0	0	0	0	10	1	1	0	0	0	0	12	0.08
Aviation Fuel	52	34	33	41	31	103	43	46	60	37	27	10	517	3.55
Building Material	14	33	97	18	19	36	52	27	23	11	10	2	342	2.35
Calcium	2	0	1	0	0	71	32	14	0	0	0	0	120	0.82
Camp Shack	89	83	104	7	0	15	3	13	18	12	17	2	363	2.49
Cement	276	28	12	3	10	6	12	14	34	29	26	10	460	3.16
Compressed Gases	3	2	4	3	3	5	2	4	4	5	7	0	42	0.29
Construction Material	36	66	127	11	1	2	9	2	3	2	5	0	262	1.80
Containers	21	4	23	6	4	21	27	12	5	2	2	0	127	0.87
Corrosive Materials	3	5	7	5	5	9	6	9	6	9	4	1	69	0.47
Danger Placard	30	52	55	18	28	29	25	23	23	16	20	6	325	2.23
Drill Rig	0	1	0	0	0	0	0	0	0	0	0	0	1	0.01
Equipment	67	93	170	49	17	38	27	36	20	33	27	19	596	4.09
Explosives	8	5	7	2	1	3	4	8	2	6	1	0	47	0.32
Flammable Liquids	0	13	16	4	7	9	8	10	8	7	10	2	94	0.64
Fuel Oil	477	659	1313	579	29	48	37	51	105	132	281	84	3795	26.04
Gasoline	42	56	68	21	29	37	25	26	41	31	23	5	404	2.77
General Freight	299	344	458	266	248	267	298	246	254	277	235	51	3243	22.25
Gravel	76	25	6	9	33	20	17	23	87	9	47	0	352	2.42
Hay Bales	1	1	0	0	0	0	2	0	0	3	1	0	8	0.05
Highway Salt	2	4	7	0	0	0	0	0	5	11	13	3	45	0.31
Household Furniture	9	19	21	4	11	10	6	5	6	11	10	2	114	0.78
Lime	3	4	3	1	0	5	0	0	3	2	2	0	23	0.16
Liquified Petroleum Gases	47	37	42	17	11	6	3	9	11	14	20	7	224	1.54
Logs						1	3		1			0	2	0.01
Lumber	10	6	5	2	1	4		1	1			0	30	0.21
Miscellaneous	193	300	387	89	42	84	36	123	75	137	101	22	1589	10.90
Mobile Homes	0	0	0	2	1	2	1	3	4	5	1	0	19	0.13
Pipe	5	51	44	19	3	3	22	18	5	7	7	0	184	1.26
Steel	16	56	98	34	1	4	8	10	10	7	11	2	257	1.76
Tanks	3	5	27	6	10	4	9	11	5	3	3	0	86	0.59
Tare Weight	3	36	57	9	0	2	0	1	1	0	3	3	115	0.79
Tires	4	28	25	4	0	0	0	0	0	0	0	0	61	0.42
Vehicles	17	31	27	12	20	19	14	19	20	22	18	3	222	1.52
Total	1881	2230	3410	1257	566	874	730	767	842	839	938	240	14574	100.00

Note: In December 2001, it is estimated that only one-third of the data was collected due to increased weigh scale closures.

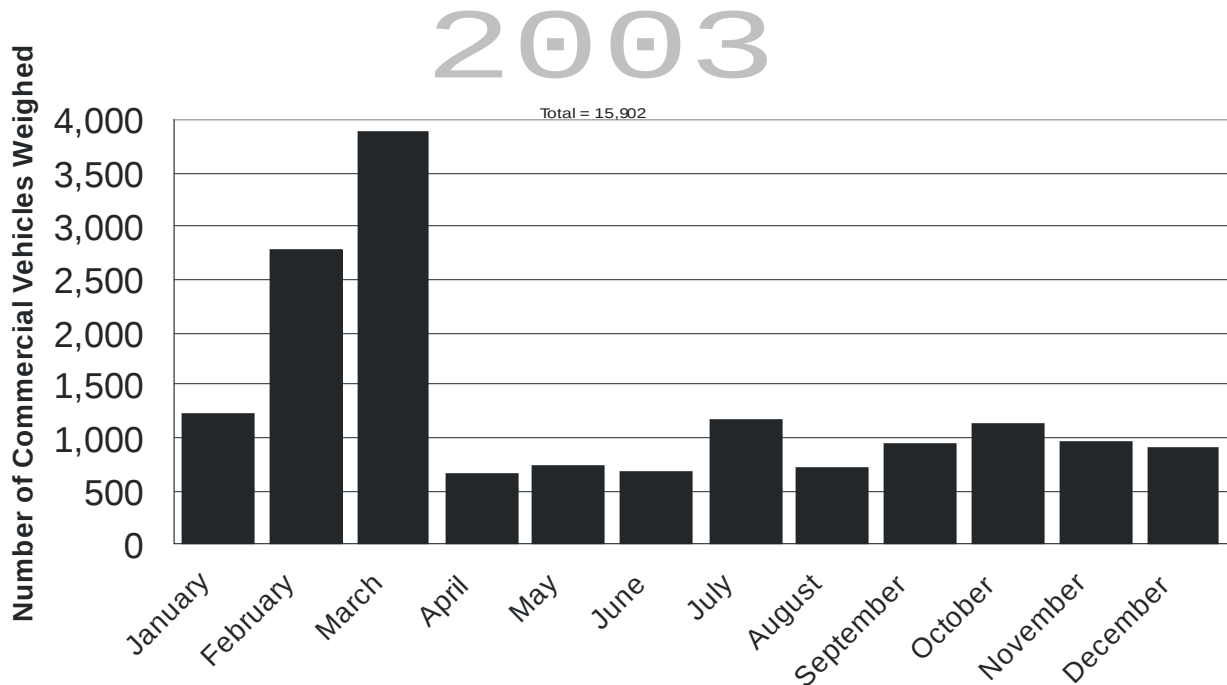
Table 16 Commodity Types at the Enterprise Weigh Scale

Commodity Type	2002												12 Month Total	% of Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Ammonium Nitrate	68	237	364	3	1	0	2	2	3	1	1	0	682	4.47
Asphalt	0	0	1	0	0	2	8	2	0	0	0	0	13	0.09
Aviation Fuel	34	29	39	47	2	108	45	35	47	56	37	18	497	3.25
Building Material	13	27	36	13	3	23	51	10	14	19	7	1	217	1.42
Calcium	0	1	1	0	2	30	61	16	3	1	0	5	120	0.79
Camp Shack	24	54	34	13	1	3	7	4	2	11	4	2	159	1.04
Cement	142	115	138	6	0	8	30	12	19	12	7	22	511	3.35
Compressed Gases	2	4	4	2	3	6	6	5	3	0	4	2	41	0.27
Construction Material	10	58	31	11	1	11	8	6	5	3	2	4	150	0.98
Containers	4	12	9	3	3	30	19	7	2	4	1	0	94	0.62
Corrosive Materials	6	6	7	5	2	6	5	4	9	5	4	5	64	0.42
Danger Placard	4	1	1	0	0	3	1	6	1	3	5	6	31	0.20
Drill Rig	0	0	0	0	0	0	0	0	0	0	0	1	1	0.01
Equipment	65	119	135	67	23	57	43	28	54	50	51	20	712	4.66
Explosives	2	1	2	1	1	3	7	11	5	6	2	2	43	0.28
Flammable Liquids	3	18	7	3	2	10	8	4	10	1	0	2	68	0.45
Fuel Oil	417	1082	1209	166	8	39	68	76	114	126	349	260	3914	25.63
Gasoline	37	32	44	32	11	29	34	22	36	35	27	20	359	2.35
General Freight	284	335	377	293	168	354	308	305	336	405	355	267	3787	24.80
Gravel	1	3	9	2	17	76	1	19	106	64	0	0	298	1.95
Hay Bales	0	0	2	5	0	0	0	0	1	1	1	2	12	0.08
Highway Salt	4	0	1	2	0	0	0	0	2	12	5	4	30	0.20
Household Furniture	12	12	7	5	5	23	20	29	30	18	13	10	184	1.21
Lime	1	1	4	1	0	1	0	0	0	1	1	5	15	0.10
Liquified Petroleum Gases	39	34	46	29	7	9	5	4	13	31	27	30	274	1.79
Logs	0	0	2	1	0	2	0	0	2	1	0	0	8	0.05
Lumber	0	1	4	1	0	9	1	3	0	2	0	0	21	0.14
Miscellaneous	115	303	408	94	53	135	154	143	137	123	122	151	1938	12.69
Mobile Homes	0	0	0	7	0	6	6	4	11	18	10	7	69	0.45
Pipe	12	62	55	6	0	3	2	3	2	0	2	0	147	0.96
Steel	25	30	24	12	0	7	5	4	8	4	1	1	121	0.79
Tanks	1	34	10	2	1	5	3	2	13	11	9	1	92	0.60
Tare Weight	14	66	140	1	2	5	2	4	1	0	0	1	236	1.55
Tires	21	28	24	0	0	0	0	0	2	0	0	1	76	0.50
Vehicles	28	44	39	24	3	20	22	17	24	22	25	17	285	1.87
Total	1388	2749	3214	857	319	1023	932	787	1015	1046	1072	867	15269	100.00

2003

Source: Enterprise Weigh Scale Database.

Figure 10
Commercial Vehicles Weighed
at the Enterprise Weigh Scale



Total Vehicles Weighed

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2003	1,229	2,788	3,883	675	739	693	1,169	729	953	1,144	976	924	15,902
2002	1,448	2,913	3,358	892	336	1,114	982	854	1,054	1,123	1,128	803	16,005
2001	1,881	2,230	3,410	1,257	566	874	730	767	842	839	938	240	14,574
2000	1,051	1,862	2,266	522	501	830	720	703	681	798	795	762	11,491
1999	991	1,493	1,697	436	523	909	834	633	758	953	515	753	10,495
1998	1,107	2,258	2,711	684	1,059	1,139	1,765	1,951	1,279	929	679	662	16,223
1997	1,240	2,365	2,431	762	764	1,061	1,060	855	982	1,974	825	828	15,147
1996	1,627	2,585	1,722	767	855	1,255	1,116	1,049	1,149	1,081	1,136	1,003	15,345
1995	1,404	2,494	2,599	1,050	1,025	1,336	1,581	1,281	1,227	1,231	1,028	1,243	17,499

Note: (1) A commercial vehicle is any vehicle with a GVW over 4500 kg.
(2) In December 2001, it is estimated that only one-third of the data was collected due to weigh scale closures.

Figure 11
Commercial Vehicle Activity
at the Enterprise Weigh Scale

Overweight Permits Issued

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2003	61	96	313	33	8	49	78	69	101	88	63	43	1,002
2002	29	46	162	36	1	11	23	26	19	26	22	28	429
2001	28	44	71	11	0	6	16	48	14	17	27	38	320
2000	68	103	84	11	0	17	29	38	16	26	10	41	443
1999	67	39	81	7	0	22	28	25	15	45	37	32	398
1998	40	89	145	12	2	26	42	22	25	26	32	20	481
1997	39	69	86	21	6	7	14	28	37	55	17	33	412
1996	10	18	32	20	1	11	28	36	34	18	18	19	245
1995	22	25	38	18	0	24	40	38	35	24	14	8	286

Overdimension Permits Issued

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2003	126	322	651	89	91	156	194	133	267	192	143	126	2,490
2002	200	436	442	129	45	91	113	141	139	143	92	88	2,059
2001	178	371	537	149	59	91	70	244	110	115	107	134	2,165
2000	303	485	465	83	32	113	153	137	129	105	77	131	2,213
1999	210	269	325	74	68	126	100	95	100	172	120	131	1,790
1998	174	297	439	87	103	121	141	120	110	125	88	106	1,911
1997	287	371	341	140	100	128	120	136	164	151	74	97	2,109
1996	84	164	227	115	116	208	152	139	223	135	102	168	1,833
1995	80	102	199	92	126	175	210	201	160	134	63	62	1,604

Vehicle Registration Permits Issued (non-NWT Carriers)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2003	180	675	590	171	180	329	298	184	316	217	151	165	3,456
2002	467	643	463	203	88	277	296	257	271	204	178	149	3,496
2000	350	546	523	131	150	286	285	260	254	227	122	274	3,408
1999	316	474	427	85	115	220	232	226	205	257	140	259	2,956
1998	286	392	463	94	208	251	321	219	223	207	123	262	3,049
1997	322	380	285	215	112	281	219	229	195	148	137	176	2,699
1996	269	255	277	166	191	182	275	187	237	194	150	245	2,628
1995	175	228	250	149	223	240	300	241	165	130	89	88	2,278

Fuel Tax Permits Issued

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2003	72	514	690	133	139	332	289	187	353	209	127	157	3,202
2002	338	526	715	177	52	321	256	242	192	187	121	90	3,217
2000	363	523	773	103	105	317	336	303	282	260	151	284	3,800
1999	366	530	440	80	89	210	266	195	243	302	139	255	3,115
1998	224	355	612	98	200	272	363	240	237	230	135	285	3,251
1997	324	404	370	144	160	284	272	201	161	163	127	161	2,771
1996	169	310	339	134	153	202	276	191	259	170	131	183	2,517
1995	65	188	240	77	157	200	278	212	160	105	78	74	1,834

- Note:
- (1) A commercial vehicle is any vehicle with a GVW over 4500 kg
 - (2) Overweight and Overdimension permits are issued for a single trip
 - (3) All commercial vehicles in the Northwest Territories must register at the scale. Registration for NWT carriers is valid for one year. Non-NWT carriers may purchase registration for periods of 1-12 months
 - (4) Fuel Tax Permits are issued to all carriers transporting bulk fuel purchased outside the Northwest Territories
 - (5) Some 2001 data was unavailable
 - (6) Prior to 2003, combination overweight and overdimension permits were counted as one overdimension permit only. Currently, they are counted as one overdimension permit and one overweight permit.

Figure 12 Commercial Vehicle Activity at the Inuvik and Fort Liard Weigh Scale

Inuvik Weigh Scale

Overweight Permits Issued

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2003	24	24	53	22	0	12	10	8	28	26	10	4	221

Overdimension Permits Issued

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2003	64	79	155	79	3	36	27	19	62	45	10	4	583

Vehicle Registration Permits Issued (non-NWT Carriers)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2003	76	50	47	35	2	28	69	29	45	27	0	6	414

Fuel Tax Permits Issued

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2003	36	63	53	37	2	17	63	23	37	13	0	2	346

Fort Liard Weigh Scale

Overweight Permits Issued

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2003	26	22	22	0	0	0	10	4	32	0	0	0	116

Overdimension Permits Issued

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2003	54	44	36	5	0	2	13	11	56	1	0	0	222

Vehicle Registration Permits Issued (non-NWT Carriers)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2003	105	37	112	57	79	20	25	55	64	22	17	13	606

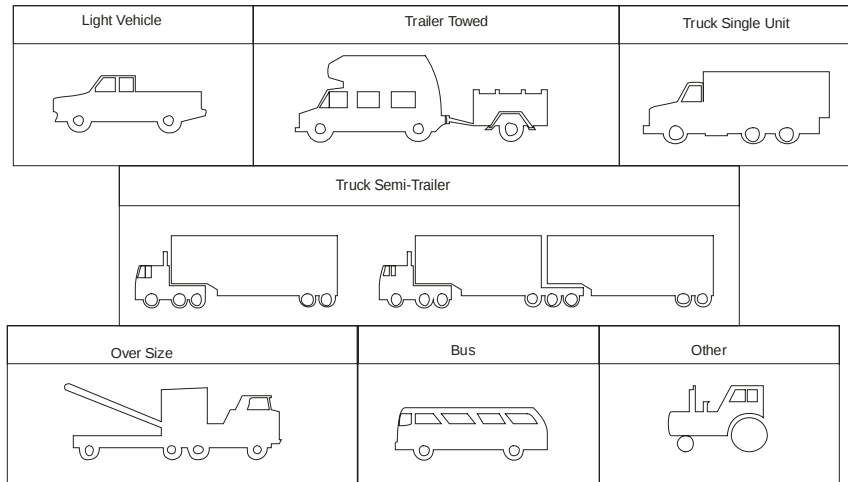
Fuel Tax Permits Issued

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2003	78	22	6	14	2	1	7	12	29	7	1	1	180

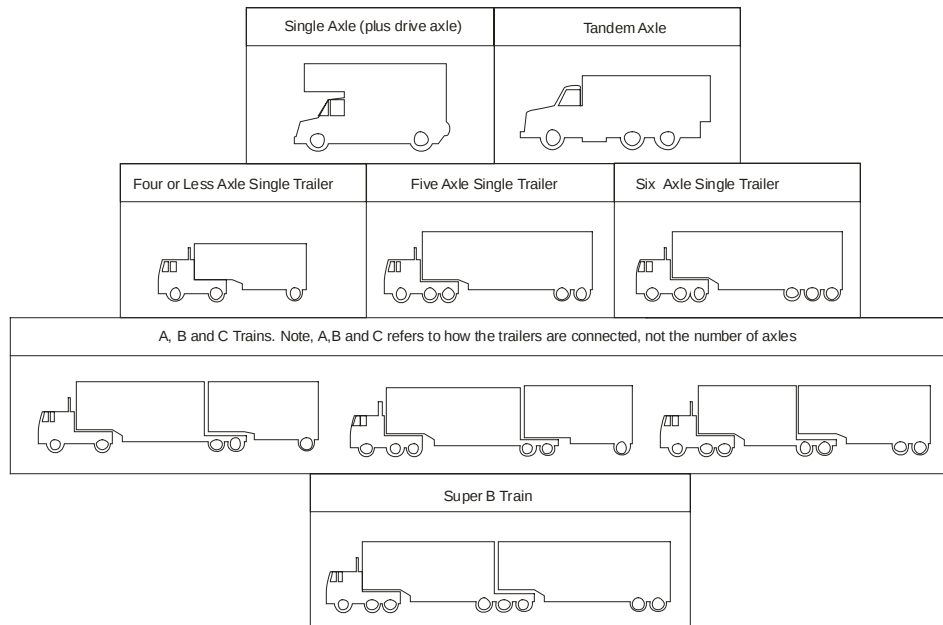
- Note:
- (1) A commercial vehicle is any vehicle with a GVW over 4500 kg
 - (2) Overweight and Overdimension permits are issued for a single trip
 - (3) All commercial vehicles in the Northwest Territories must register at the scale. Registration for NWT carriers is valid for one year. Non-NWT carriers may purchase registration for periods of 1-12 months
 - (4) Fuel Tax Permits are issued to all carriers transporting bulk fuel purchased outside the Northwest Territories

Figure 13 Vehicle Classifications

Highway Ferries



Weigh Scale Classification



Note: For more information regarding commercial vehicle definitions and allowable weights, please see the *Large Vehicle Control Regulations* under the *Motor Vehicles Act* available at www.justice.gov.nt.ca

Appendix A

Traffic Distribution Data at Permanent Counter Locations

LOCATION: Hwy 1, km 58

2003

AADT: 248
PSADT: 383

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	2.6
1:00-2:00	2.2
2:00-3:00	1.4
3:00-4:00	0.6
4:00-5:00	0.6
5:00-6:00	0.9
6:00-7:00	0.9
7:00-8:00	1.3
8:00-9:00	2.8
9:00-10:00	3.5
10:00-11:00	4.4
11:00-12:00	5.7
12:00-13:00	6.3
13:00-14:00	6.9
14:00-15:00	7.1
15:00-16:00	7.5
16:00-17:00	7.1
17:00-18:00	7.3
18:00-19:00	6.6
19:00-20:00	6.1
20:00-21:00	6.0
21:00-22:00	4.5
22:00-23:00	4.2
23:00-24:00	3.5
Total	100

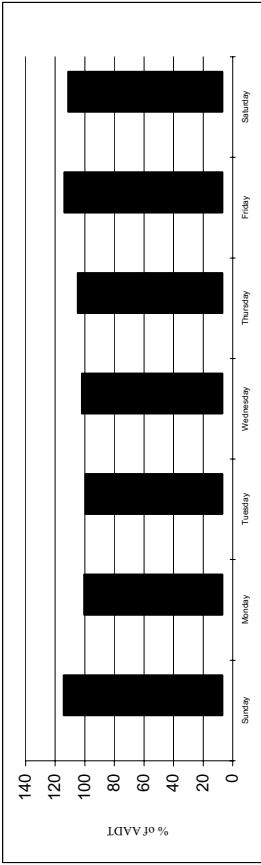
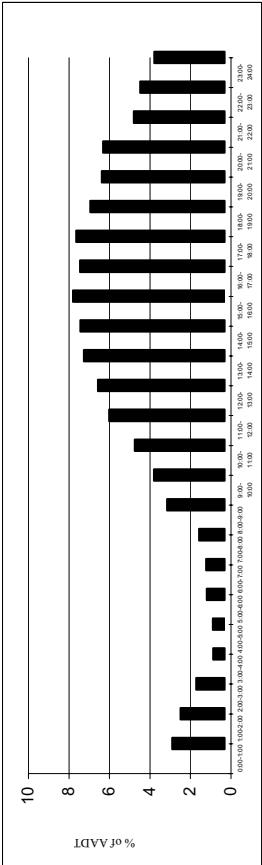
Weekday ADT

Day of Week	Percent of AADT
Sunday	107.3
Monday	93.5
Tuesday	92.6
Wednesday	95.0
Thursday	97.7
Friday	106.8
Saturday	104.3

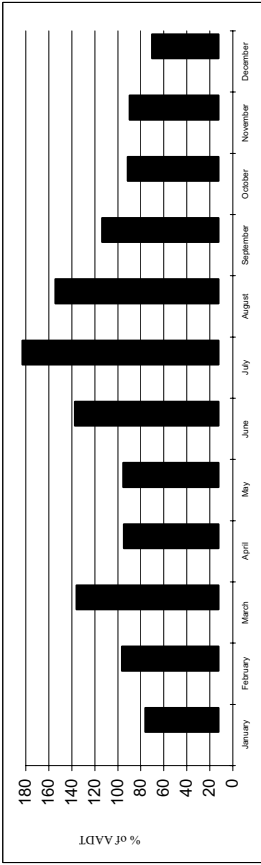
Monthly ADT

Month	Percent of AADT
January	63.8
February	84.0
March	123.5
April	82.4
May	82.8
June	124.8
July	170.6
August	142.0
September	101.3
October	79.0
November	77.3
December	58.0

Hourly



Monthly



LOCATION: Hwy 1, km 85

2003

AADT: 273
PSADT: 375

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	3.3
1:00-2:00	2.9
2:00-3:00	2.4
3:00-4:00	2.4
4:00-5:00	2.4
5:00-6:00	2.9
6:00-7:00	2.9
7:00-8:00	3.3
8:00-9:00	4.1
9:00-10:00	4.1
10:00-11:00	4.9
11:00-12:00	5.3
12:00-13:00	6.1
13:00-14:00	6.3
14:00-15:00	5.7
15:00-16:00	5.7
16:00-17:00	5.7
17:00-18:00	5.3
18:00-19:00	5.3
19:00-20:00	4.5
20:00-21:00	4.1
21:00-22:00	3.7
22:00-23:00	3.7
23:00-24:00	3.3
Total	100

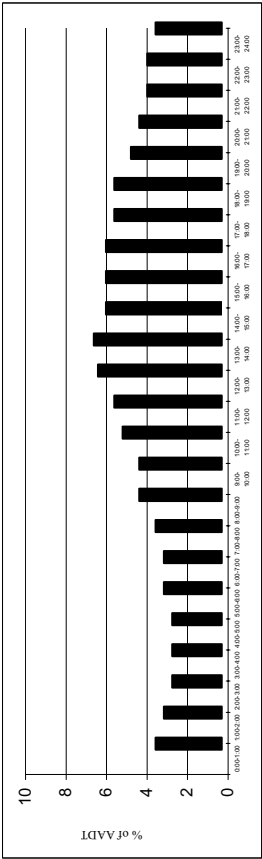
Weekday ADT

Day of Week	Percent of AADT
Sunday	108.7
Monday	97.4
Tuesday	96.3
Wednesday	90.8
Thursday	91.5
Friday	109.6
Saturday	103.3

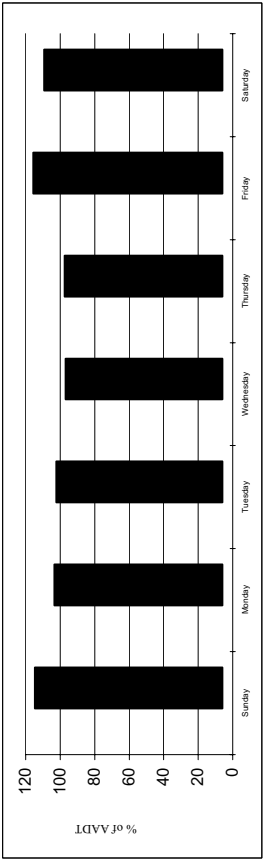
Monthly ADT

Month	Percent of AADT
January	75.3
February	105.5
March	158.7
April	55.9
May	80.2
June	113.8
July	135.6
August	138.9
September	97.6
October	79.8
November	63.6
December	92.7

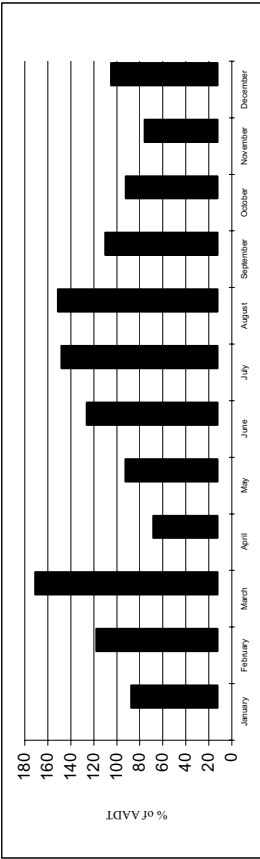
Hourly



Weekday



Monthly



LOCATION: Hwy 1, km 322

2003

AADT: 62
PSADT: 80

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	3.3
1:00-2:00	3.0
2:00-3:00	2.7
3:00-4:00	2.8
4:00-5:00	2.8
5:00-6:00	2.7
6:00-7:00	2.9
7:00-8:00	3.5
8:00-9:00	3.3
9:00-10:00	4.0
10:00-11:00	4.5
11:00-12:00	4.4
12:00-13:00	5.1
13:00-14:00	5.3
14:00-15:00	5.9
15:00-16:00	5.5
16:00-17:00	5.7
17:00-18:00	6.0
18:00-19:00	5.1
19:00-20:00	5.0
20:00-21:00	4.8
21:00-22:00	4.3
22:00-23:00	3.8
23:00-24:00	3.5
Total	100

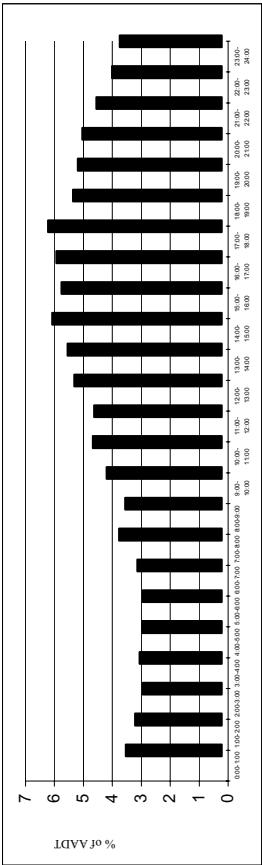
Weekday ADT

Day of Week	Percent of AADT
Sunday	131.2
Monday	94.5
Tuesday	94.8
Wednesday	95.4
Thursday	87.3
Friday	99.5
Saturday	97.0

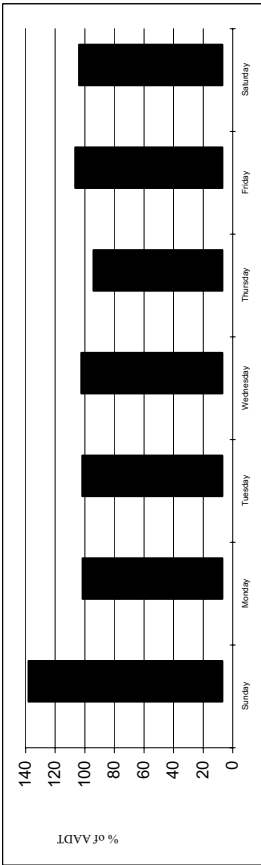
Monthly ADT

Month	Percent of AADT
January	84.5
February	125.9
March	131.0
April	54.9
May	60.2
June	113.3
July	150.4
August	143.4
September	123.9
October	93.8
November	49.6
December	70.8

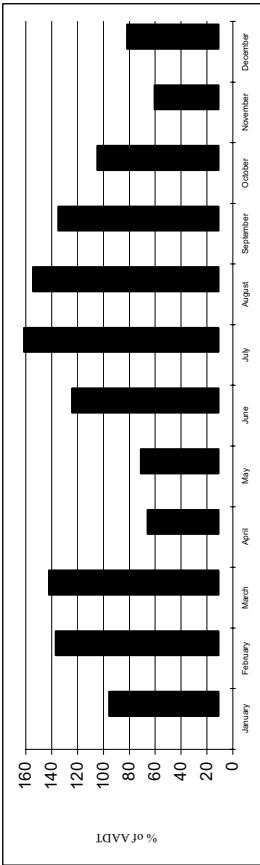
Hourly



Weekday



Monthly



LOCATION: Hwy 1, km 477

2003

AADT: 52
PSADT: 60

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	1.2
1:00-2:00	0.9
2:00-3:00	0.8
3:00-4:00	0.9
4:00-5:00	0.8
5:00-6:00	1.0
6:00-7:00	1.5
7:00-8:00	1.8
8:00-9:00	3.4
9:00-10:00	5.0
10:00-11:00	6.0
11:00-12:00	6.0
12:00-13:00	6.1
13:00-14:00	6.9
14:00-15:00	7.3
15:00-16:00	7.2
16:00-17:00	8.6
17:00-18:00	7.8
18:00-19:00	7.3
19:00-20:00	6.4
20:00-21:00	5.1
21:00-22:00	3.8
22:00-23:00	3.3
23:00-24:00	1.9
Total	100

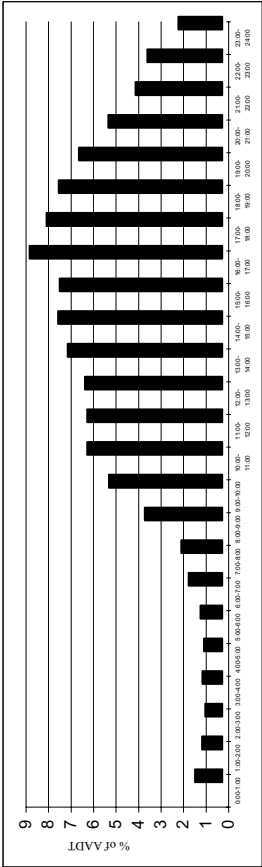
Weekday ADT

Day of Week	Percent of AADT
Sunday	118.6
Monday	103.7
Tuesday	94.8
Wednesday	98.9
Thursday	92.0
Friday	97.2
Saturday	95.2

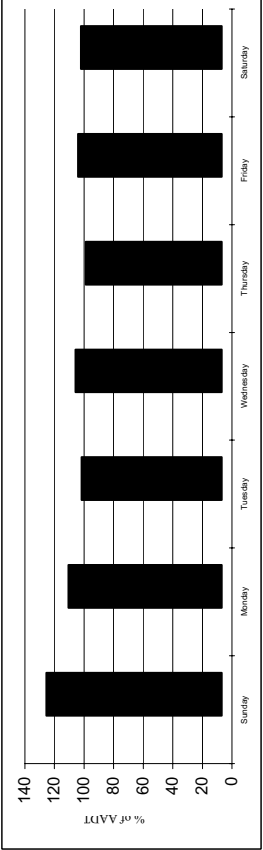
Monthly ADT

Month	Percent of AADT
January	59.4
February	121.0
March	128.6
April	95.2
May	102.4
June	110.2
July	141.9
August	144.6
September	107.9
October	85.6
November	47.6
December	58.1

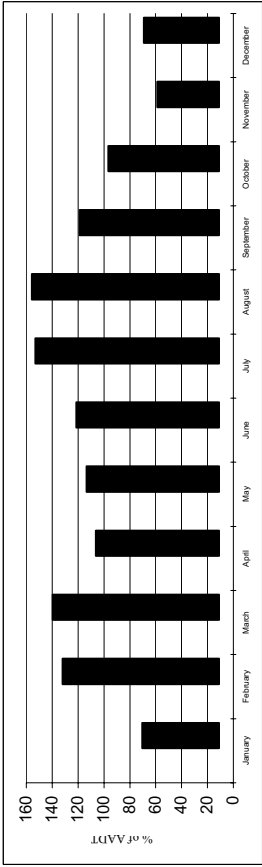
Hourly



Weekday



Monthly



LOCATION: Hwy 2, km 10

2003

AADT: 408
PSADT: 512

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	1.4
1:00-2:00	1.0
2:00-3:00	0.7
3:00-4:00	0.7
4:00-5:00	1.0
5:00-6:00	1.3
6:00-7:00	1.8
7:00-8:00	2.8
8:00-9:00	4.2
9:00-10:00	5.1
10:00-11:00	5.8
11:00-12:00	6.4
12:00-13:00	6.9
13:00-14:00	7.3
14:00-15:00	7.6
15:00-16:00	7.9
16:00-17:00	7.8
17:00-18:00	7.1
18:00-19:00	6.0
19:00-20:00	5.3
20:00-21:00	4.2
21:00-22:00	3.2
22:00-23:00	2.5
23:00-24:00	1.8
Total	100

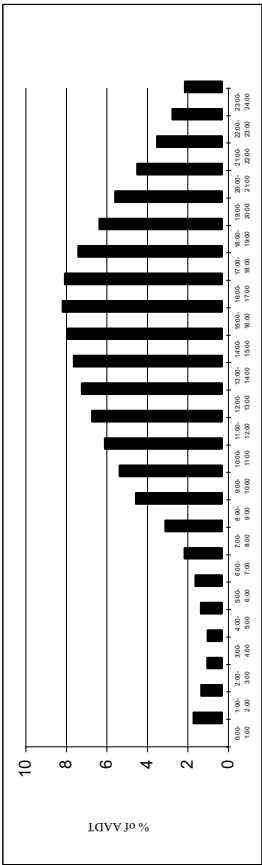
Weekday ADT

Day of Week	Percent of AADT
Sunday	113.6
Monday	96.9
Tuesday	99.8
Wednesday	92.3
Thursday	93.2
Friday	102.8
Saturday	99.5

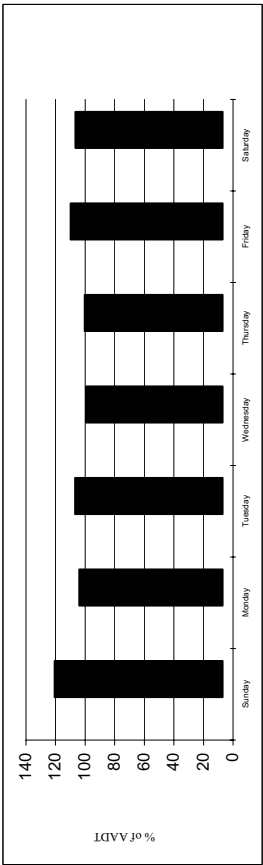
Monthly ADT

Month	Percent of AADT
January	77.3
February	96.2
March	108.6
April	80.3
May	104.0
June	121.0
July	129.3
August	129.8
September	116.9
October	75.0
November	74.9
December	82.3

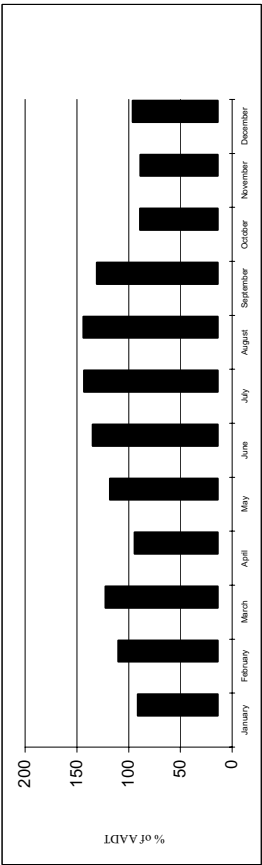
Hourly



Weekday



Monthly



LOCATION: Hwy 2, km 32

2003

AADT: 1386
PSADT: 1923

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	1.2
1:00-2:00	0.8
2:00-3:00	0.6
3:00-4:00	0.5
4:00-5:00	0.8
5:00-6:00	1.7
6:00-7:00	2.2
7:00-8:00	3.4
8:00-9:00	4.6
9:00-10:00	5.0
10:00-11:00	5.5
11:00-12:00	6.1
12:00-13:00	7.0
13:00-14:00	7.6
14:00-15:00	7.9
15:00-16:00	7.5
16:00-17:00	7.4
17:00-18:00	7.0
18:00-19:00	6.1
19:00-20:00	5.0
20:00-21:00	4.1
21:00-22:00	3.4
22:00-23:00	2.7
23:00-24:00	1.9
Total	100

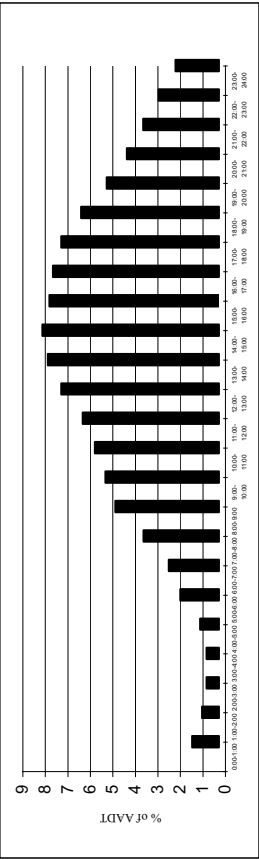
Weekday ADT

Day of Week	Percent of AADT
Sunday	107.6
Monday	100.5
Tuesday	91.7
Wednesday	97.2
Thursday	100.5
Friday	99.7
Saturday	100.8

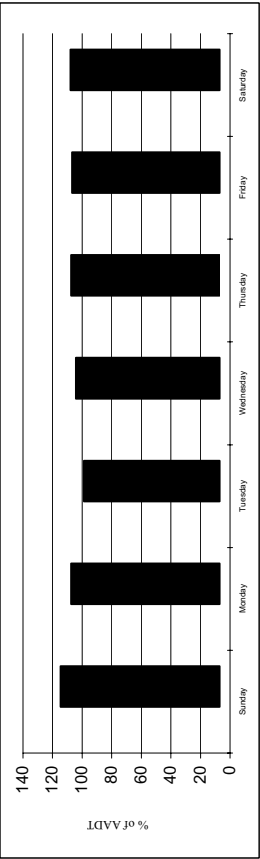
Monthly ADT

Month	Percent of AADT
January	63.2
February	63.8
March	74.6
April	87.6
May	118.7
June	133.4
July	153.5
August	128.4
September	119.5
October	105.9
November	84.0
December	66.1

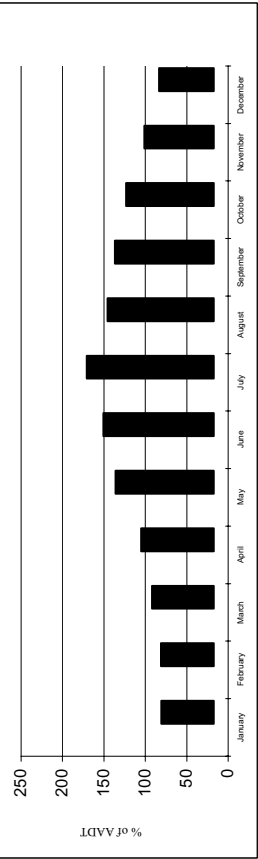
Hourly



Weekday



Monthly



LOCATION: Hwy 2, km 42

2003

AADT: 2528
PSADT: 3124

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

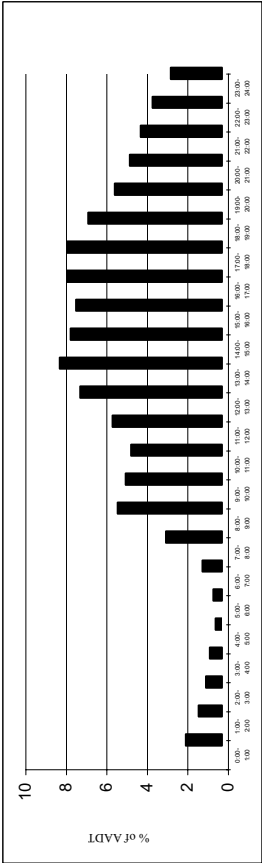
Time	Percent of AADT
0:00-1:00	1.8
1:00-2:00	1.1
2:00-3:00	0.8
3:00-4:00	0.6
4:00-5:00	0.3
5:00-6:00	0.4
6:00-7:00	1.0
7:00-8:00	2.8
8:00-9:00	5.2
9:00-10:00	4.8
10:00-11:00	4.5
11:00-12:00	5.4
12:00-13:00	7.0
13:00-14:00	8.0
14:00-15:00	7.5
15:00-16:00	7.2
16:00-17:00	7.6
17:00-18:00	7.7
18:00-19:00	6.6
19:00-20:00	5.3
20:00-21:00	4.6
21:00-22:00	4.0
22:00-23:00	3.4
23:00-24:00	2.5
Total	100

Weekday ADT

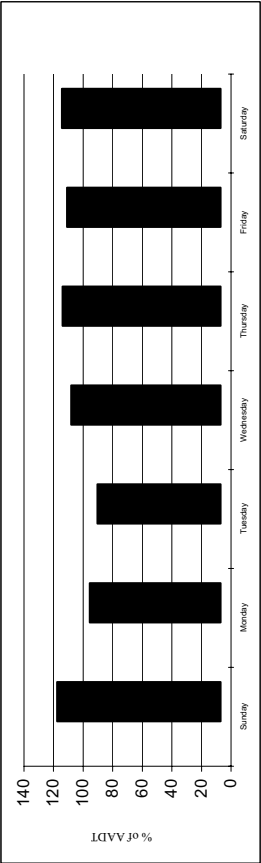
Day of Week	Percent of AADT
Sunday	110.5
Monday	88.4
Tuesday	83.4
Wednesday	101.1
Thursday	107.0
Friday	103.8
Saturday	107.3

Monthly ADT

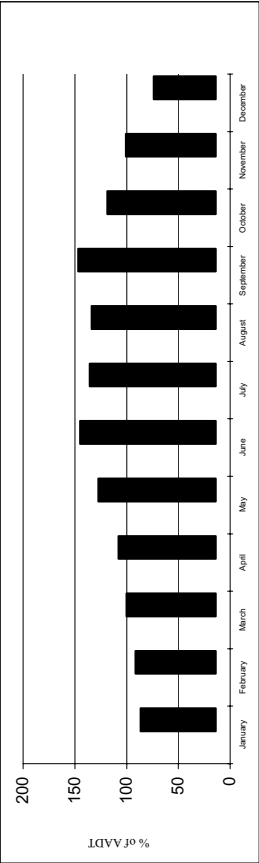
Month	Percent of AADT
January	72.5
February	77.6
March	86.2
April	94.1
May	113.4
June	131.1
July	121.6
August	120.0
September	132.8
October	104.8
November	86.9
December	59.9



Weekday



Monthly



LOCATION: Hwy 3, km 2

2003

AADT:

247

362

PSADT:

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	2.4
1:00-2:00	1.0
2:00-3:00	0.3
3:00-4:00	0.2
4:00-5:00	0.2
5:00-6:00	0.3
6:00-7:00	0.7
7:00-8:00	1.3
8:00-9:00	2.4
9:00-10:00	3.2
10:00-11:00	4.7
11:00-12:00	6.5
12:00-13:00	7.3
13:00-14:00	7.9
14:00-15:00	7.8
15:00-16:00	8.0
16:00-17:00	7.8
17:00-18:00	7.0
18:00-19:00	7.0
19:00-20:00	6.2
20:00-21:00	5.3
21:00-22:00	5.1
22:00-23:00	4.0
23:00-24:00	3.3
Total	100

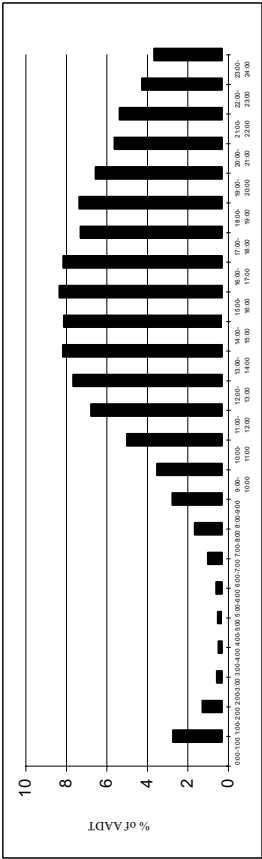
Weekday ADT

Day of Week	Percent of AADT
Sunday	103.9
Monday	93.1
Tuesday	90.1
Wednesday	95.5
Thursday	98.1
Friday	114.0
Saturday	104.7

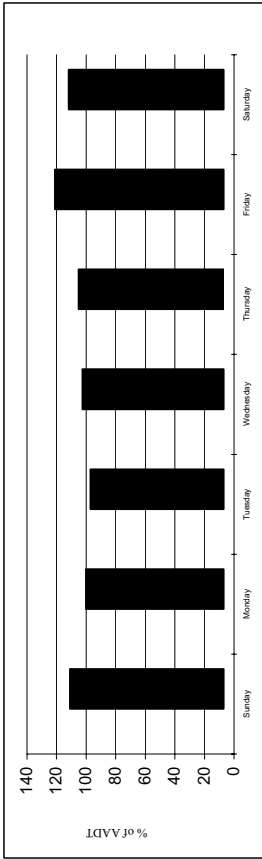
Monthly ADT

Month	Percent of AADT
January	95.0
February	105.4
March	168.9
April	44.6
May	54.1
June	125.2
July	136.9
August	133.8
September	101.8
October	83.3
November	77.5
December	72.5

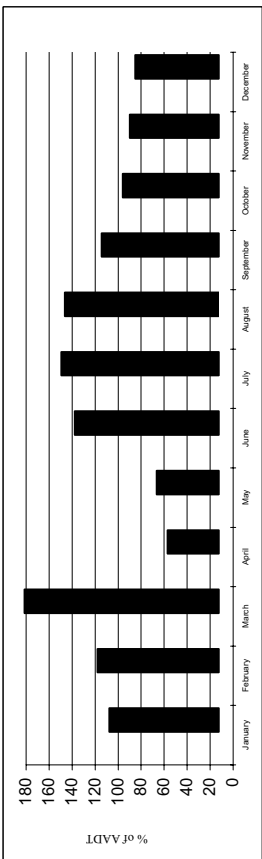
Hourly



Weekday



Monthly



LOCATION: Hwy 3, km 240

2003

AADT: 650

PSADT: 714

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	2.9
1:00-2:00	2.1
2:00-3:00	1.5
3:00-4:00	1.2
4:00-5:00	1.0
5:00-6:00	0.9
6:00-7:00	1.0
7:00-8:00	2.0
8:00-9:00	4.0
9:00-10:00	4.4
10:00-11:00	4.5
11:00-12:00	4.8
12:00-13:00	5.6
13:00-14:00	6.3
14:00-15:00	6.6
15:00-16:00	6.6
16:00-17:00	6.9
17:00-18:00	7.1
18:00-19:00	6.3
19:00-20:00	5.6
20:00-21:00	5.4
21:00-22:00	4.9
22:00-23:00	4.5
23:00-24:00	3.8
Total	100

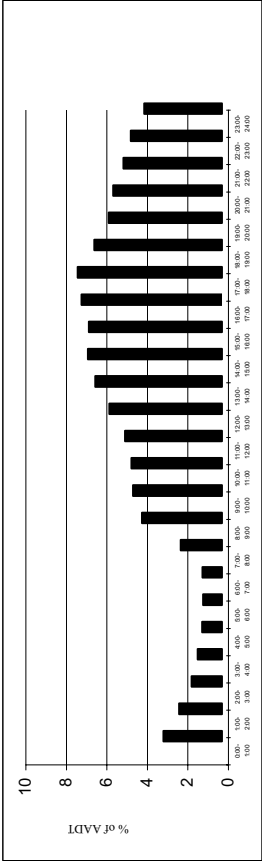
Weekday ADT

Day of Week	Percent of AADT
Sunday	98.2
Monday	92.0
Tuesday	95.2
Wednesday	101.1
Thursday	102.5
Friday	104.2
Saturday	104.4

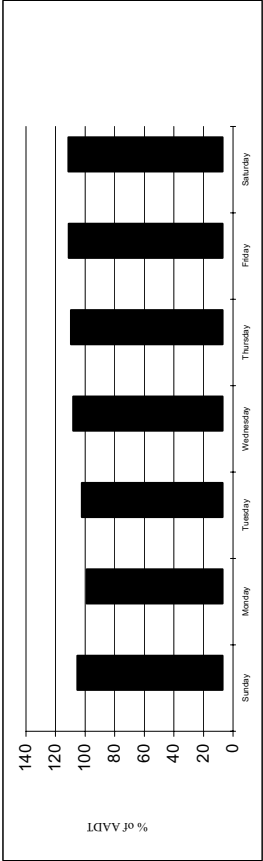
Monthly ADT

Month	Percent of AADT
January	25.5
February	74.1
March	116.2
April	103.5
May	113.5
June	122.8
July	110.4
August	117.3
September	121.2
October	117.7
November	101.3
December	75.9

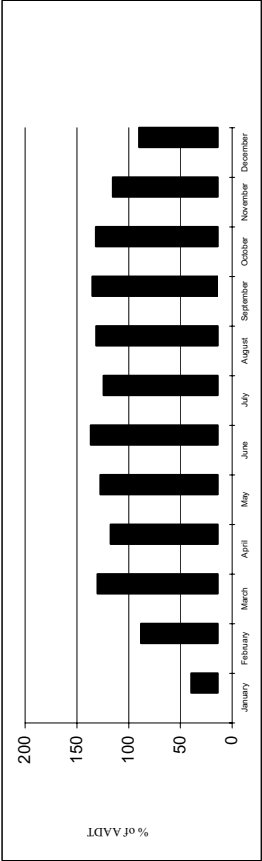
Hourly



Weekday



Monthly



LOCATION: Hwy 3, km 305

2003

AADT: 451

PSADT: 522

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	3.3
1:00-2:00	2.5
2:00-3:00	2.2
3:00-4:00	1.9
4:00-5:00	1.6
5:00-6:00	1.4
6:00-7:00	1.9
7:00-8:00	1.9
8:00-9:00	2.7
9:00-10:00	3.3
10:00-11:00	3.6
11:00-12:00	4.1
12:00-13:00	4.4
13:00-14:00	4.7
14:00-15:00	5.5
15:00-16:00	6.6
16:00-17:00	6.8
17:00-18:00	7.4
18:00-19:00	7.7
19:00-20:00	6.6
20:00-21:00	5.5
21:00-22:00	4.7
22:00-23:00	4.9
23:00-24:00	4.9
Total	100

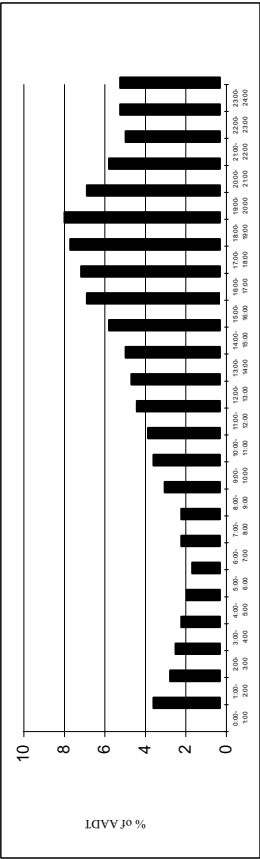
Weekday ADT

Day of Week	Percent of AADT
Sunday	108.7
Monday	102.1
Tuesday	91.5
Wednesday	93.9
Thursday	97.6
Friday	101.9
Saturday	101.1

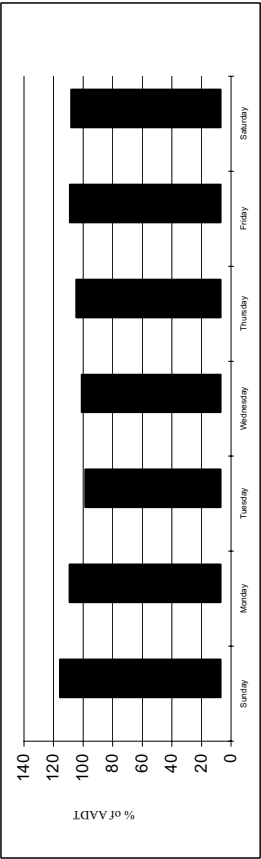
Monthly ADT

Month	Percent of AADT
January	81.4
February	99.5
March	139.2
April	93.2
May	119.5
June	138.1
July	141.1
August	111.0
September	124.7
October	116.4
November	84.5
December	96.4

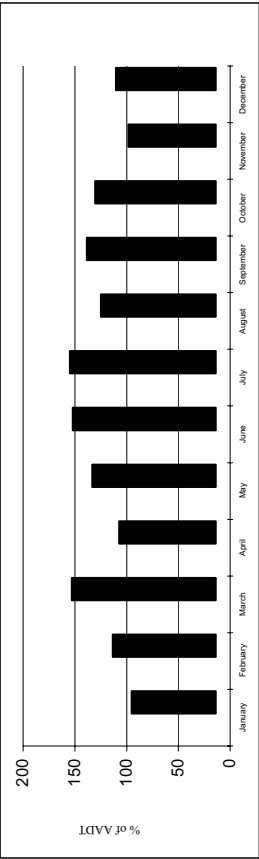
Hourly



Weekday



Monthly



LOCATION: Hwy 3, km 338

2003

AADT: 5568
PSADT: 6457

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	1.4
1:00-2:00	0.9
2:00-3:00	0.8
3:00-4:00	0.8
4:00-5:00	0.9
5:00-6:00	0.6
6:00-7:00	1.4
7:00-8:00	3.0
8:00-9:00	5.9
9:00-10:00	5.5
10:00-11:00	4.9
11:00-12:00	5.2
12:00-13:00	7.0
13:00-14:00	7.8
14:00-15:00	6.9
15:00-16:00	6.8
16:00-17:00	7.9
17:00-18:00	8.8
18:00-19:00	6.1
19:00-20:00	5.5
20:00-21:00	3.5
21:00-22:00	3.2
22:00-23:00	3.1
23:00-24:00	2.2
Total	100

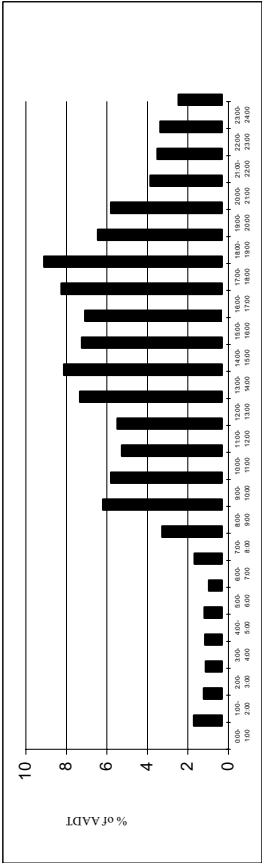
Weekday ADT

Day of Week	Percent of AADT
Sunday	96.7
Monday	87.4
Tuesday	83.4
Wednesday	107.7
Thursday	108.6
Friday	114.6
Saturday	100.0

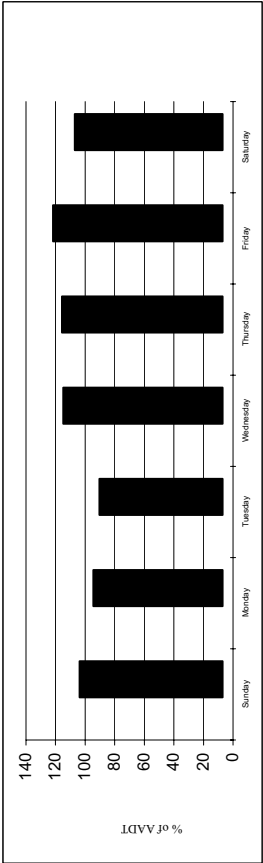
Monthly ADT

Month	Percent of AADT
January	76.3
February	102.5
March	95.7
April	95.1
May	103.9
June	122.4
July	123.8
August	111.5
September	112.8
October	101.7
November	79.2
December	78.1

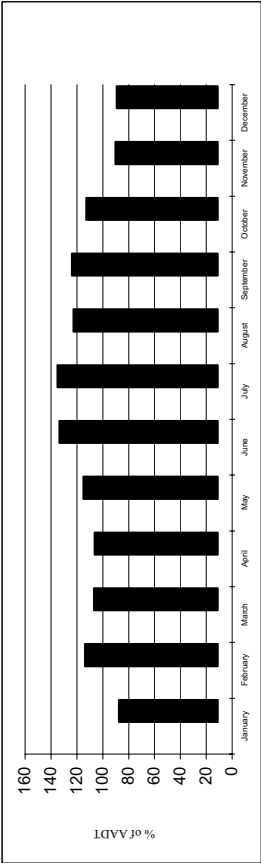
Hourly



Weekday



Monthly



LOCATION: Hwy 4, km 1

2003

AADT:

1240

PSADT:

1600

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	1.7
1:00-2:00	1.3
2:00-3:00	1.3
3:00-4:00	1.5
4:00-5:00	2.0
5:00-6:00	1.9
6:00-7:00	3.2
7:00-8:00	4.5
8:00-9:00	4.5
9:00-10:00	4.0
10:00-11:00	4.0
11:00-12:00	4.4
12:00-13:00	5.0
13:00-14:00	5.9
14:00-15:00	6.0
15:00-16:00	6.7
16:00-17:00	7.7
17:00-18:00	7.3
18:00-19:00	7.0
19:00-20:00	5.9
20:00-21:00	4.8
21:00-22:00	4.0
22:00-23:00	3.1
23:00-24:00	2.4
Total	100

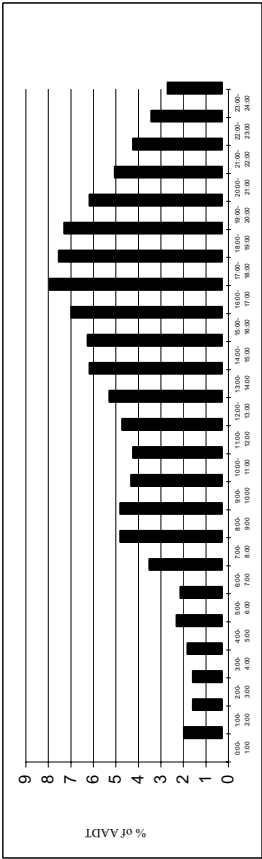
Weekday ADT

Day of Week	Percent of AADT
Sunday	105.9
Monday	103.8
Tuesday	96.5
Wednesday	94.3
Thursday	96.6
Friday	98.3
Saturday	102.7

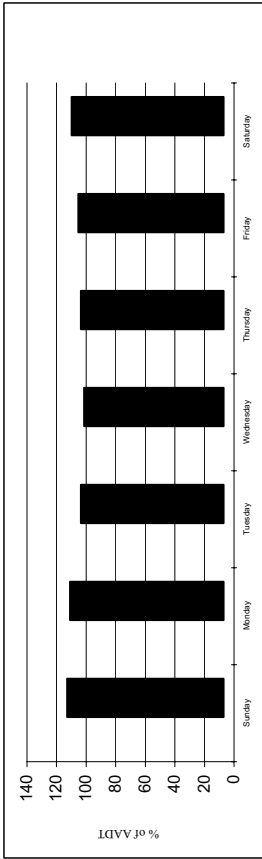
Monthly ADT

Month	Percent of AADT
January	76.7
February	83.7
March	100.0
April	108.7
May	133.7
June	138.6
July	133.6
August	115.9
September	121.4
October	85.0
November	60.4
December	45.2

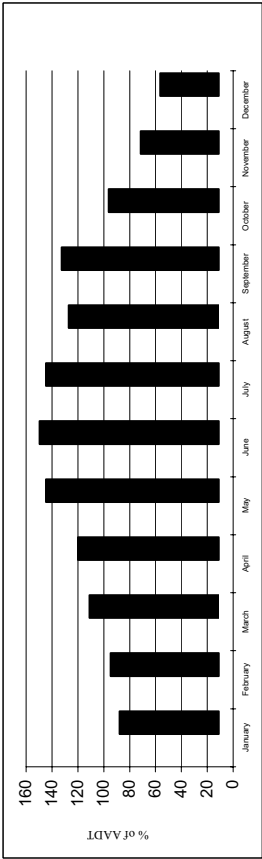
Hourly



Weekday



Monthly



LOCATION: Hwy 4, km 10

2003

AADT: 730
PSADT: 950

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	1.8
1:00-2:00	0.9
2:00-3:00	0.6
3:00-4:00	0.6
4:00-5:00	0.4
5:00-6:00	0.3
6:00-7:00	0.5
7:00-8:00	1.8
8:00-9:00	4.8
9:00-10:00	6.3
10:00-11:00	4.2
11:00-12:00	4.4
12:00-13:00	5.0
13:00-14:00	5.4
14:00-15:00	6.7
15:00-16:00	7.0
16:00-17:00	7.4
17:00-18:00	8.1
18:00-19:00	8.7
19:00-20:00	7.6
20:00-21:00	5.7
21:00-22:00	4.9
22:00-23:00	4.2
23:00-24:00	2.8
Total	100

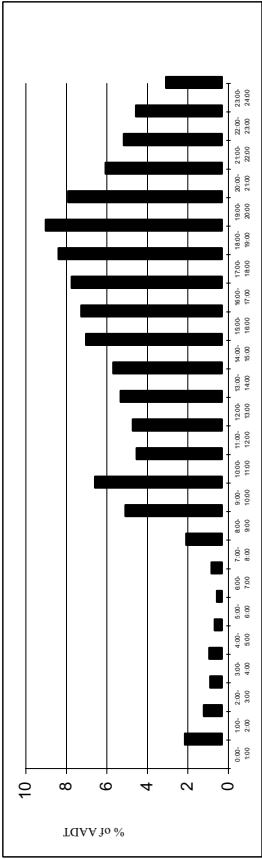
Weekday ADT

Day of Week	Percent of AADT
Sunday	127.9
Monday	95.1
Tuesday	96.6
Wednesday	85.5
Thursday	87.1
Friday	96.0
Saturday	109.6

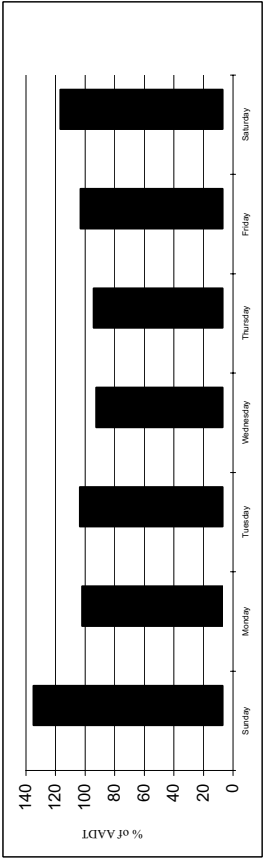
Monthly ADT

Month	Percent of AADT
January	79.9
February	91.9
March	80.5
April	81.4
May	112.6
June	141.2
July	124.9
August	125.6
September	104.4
October	81.9
November	75.9
December	100.8

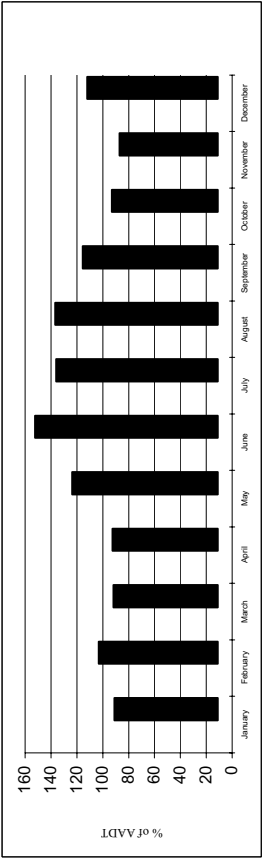
Hourly



Weekday



Monthly



LOCATION: Hwy 4, km 43

2003

AADT: 100
PSADT: 130

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	1.6
1:00-2:00	1.1
2:00-3:00	1.1
3:00-4:00	1.0
4:00-5:00	1.0
5:00-6:00	1.3
6:00-7:00	1.6
7:00-8:00	2.0
8:00-9:00	2.6
9:00-10:00	3.7
10:00-11:00	4.2
11:00-12:00	5.2
12:00-13:00	6.4
13:00-14:00	7.2
14:00-15:00	8.3
15:00-16:00	8.7
16:00-17:00	8.5
17:00-18:00	7.3
18:00-19:00	6.9
19:00-20:00	5.7
20:00-21:00	5.1
21:00-22:00	4.1
22:00-23:00	3.0
23:00-24:00	2.4
Total	100

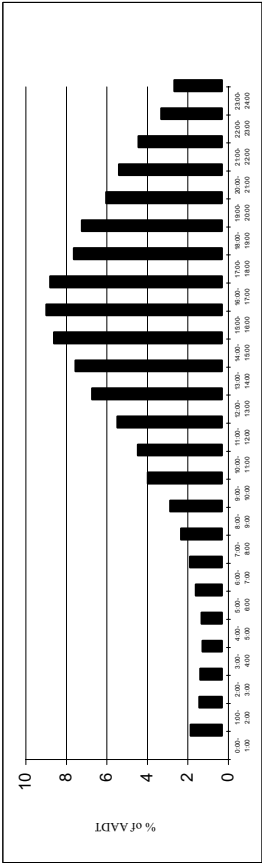
Weekday ADT

Day of Week	Percent of AADT
Sunday	111.5
Monday	91.3
Tuesday	87.8
Wednesday	60.4
Thursday	52.5
Friday	65.1
Saturday	85.5

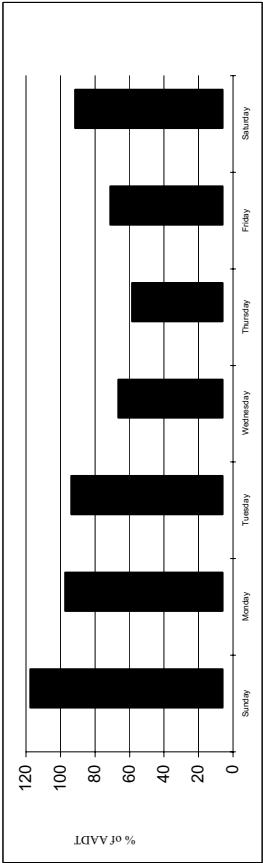
Monthly ADT

Month	Percent of AADT
January	62.8
February	113.0
March	228.0
April	93.0
May	128.1
June	135.0
July	134.0
August	126.0
September	82.7
October	34.0
November	37.0
December	41.8

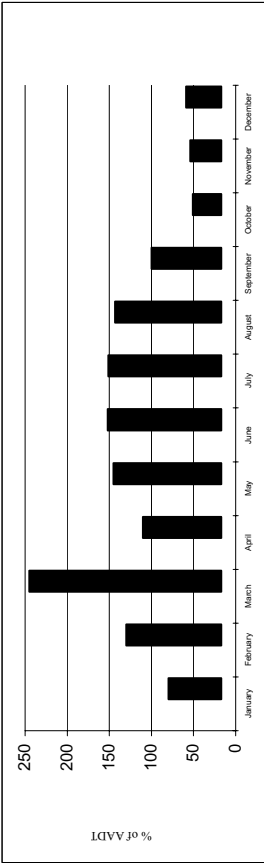
Hourly



Weekday



Monthly



LOCATION: Hwy 5, km 1

2003

AADT:

559

743

PSADT:

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	2.6
1:00-2:00	2.3
2:00-3:00	2.0
3:00-4:00	1.9
4:00-5:00	1.8
5:00-6:00	2.0
6:00-7:00	1.8
7:00-8:00	2.0
8:00-9:00	3.1
9:00-10:00	4.3
10:00-11:00	4.5
11:00-12:00	5.1
12:00-13:00	5.6
13:00-14:00	6.4
14:00-15:00	7.0
15:00-16:00	7.0
16:00-17:00	7.2
17:00-18:00	7.0
18:00-19:00	6.0
19:00-20:00	5.0
20:00-21:00	4.5
21:00-22:00	3.9
22:00-23:00	3.7
23:00-24:00	3.1
Total	100

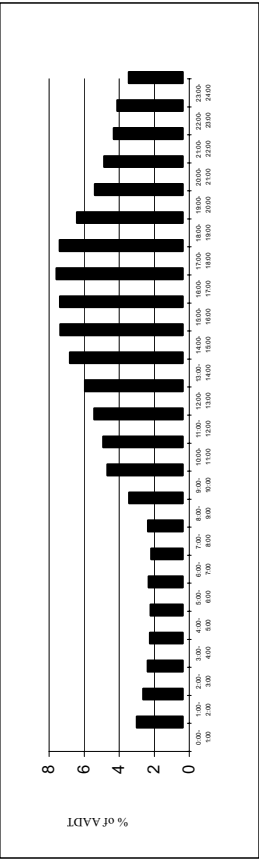
Weekday ADT

Day of Week	Percent of AADT
Sunday	97.6
Monday	100.2
Tuesday	97.8
Wednesday	95.2
Thursday	104.8
Friday	107.5
Saturday	95.7

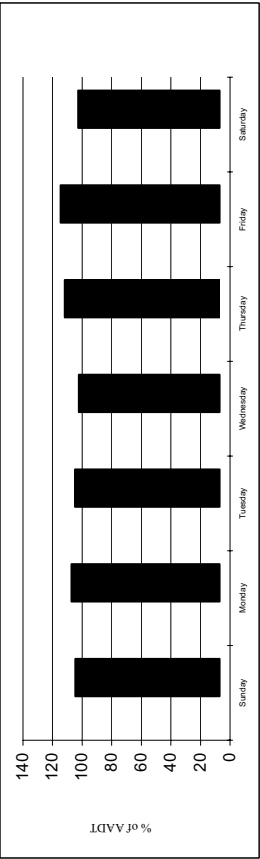
Monthly ADT

Month	Percent of AADT
January	33.3
February	39.2
March	69.3
April	101.1
May	136.8
June	147.1
July	108.8
August	133.5
September	130.1
October	123.6
November	112.0
December	42.4

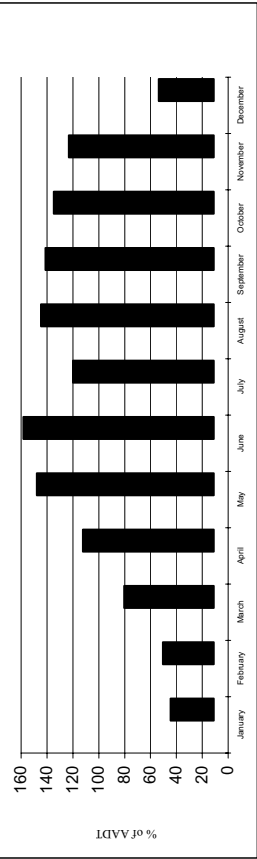
Hourly



Weekday



Monthly



LOCATION: Hwy 5, km 19

2003

AADT: 174
PSADT: 230

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	2.5
1:00-2:00	1.9
2:00-3:00	1.2
3:00-4:00	1.2
4:00-5:00	1.2
5:00-6:00	1.2
6:00-7:00	1.9
7:00-8:00	1.9
8:00-9:00	2.4
9:00-10:00	4.3
10:00-11:00	5.1
11:00-12:00	5.8
12:00-13:00	5.6
13:00-14:00	5.6
14:00-15:00	6.2
15:00-16:00	7.4
16:00-17:00	7.4
17:00-18:00	8.0
18:00-19:00	6.8
19:00-20:00	6.2
20:00-21:00	5.6
21:00-22:00	4.3
22:00-23:00	3.7
23:00-24:00	3.1
Total	100

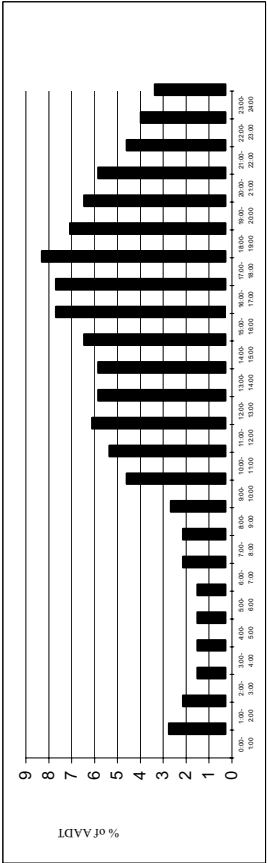
Weekday ADT

Day of Week	Percent of AADT
Sunday	102.8
Monday	96.8
Tuesday	93.8
Wednesday	87.8
Thursday	96.6
Friday	118.7
Saturday	102.0

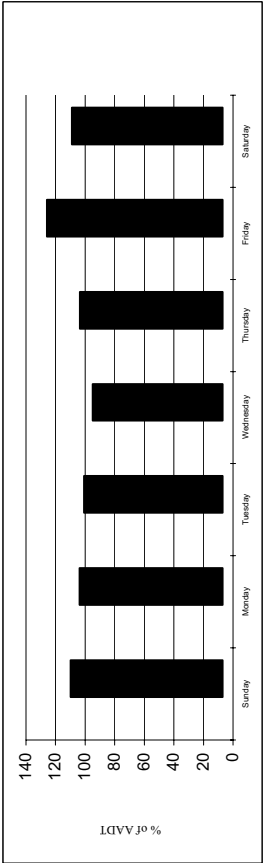
Monthly ADT

Month	Percent of AADT
January	67.6
February	71.0
March	74.7
April	87.7
May	112.3
June	129.0
July	156.2
August	123.5
September	117.9
October	97.5
November	83.3
December	76.5

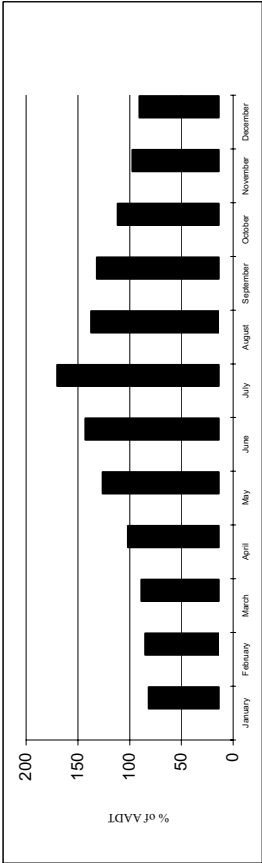
Hourly



Weekday



Monthly



LOCATION: Hwy 5, km 65

2003

AADT:

PSADT:

80

107

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	1.7
1:00-2:00	1.1
2:00-3:00	0.7
3:00-4:00	0.4
4:00-5:00	0.4
5:00-6:00	0.7
6:00-7:00	0.9
7:00-8:00	1.6
8:00-9:00	2.6
9:00-10:00	4.1
10:00-11:00	5.2
11:00-12:00	5.9
12:00-13:00	6.2
13:00-14:00	6.1
14:00-15:00	6.7
15:00-16:00	7.5
16:00-17:00	8.2
17:00-18:00	8.6
18:00-19:00	7.9
19:00-20:00	7.0
20:00-21:00	5.9
21:00-22:00	4.6
22:00-23:00	3.4
23:00-24:00	2.6
Total	100

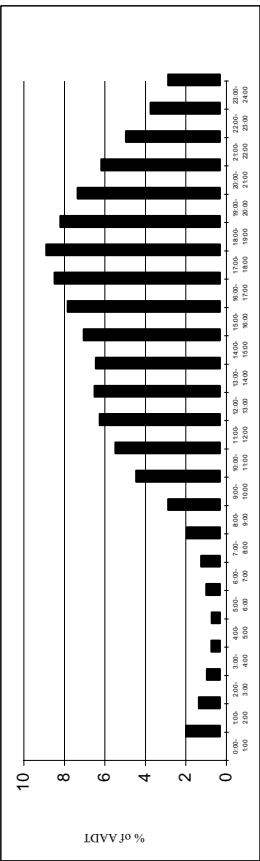
Weekday ADT

Day of Week	Percent of AADT
Sunday	109.4
Monday	99.4
Tuesday	95.8
Wednesday	83.8
Thursday	97.9
Friday	116.3
Saturday	100.3

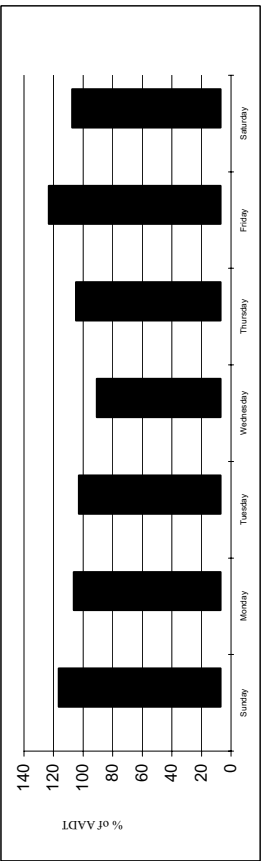
Monthly ADT

Month	Percent of AADT
January	61.2
February	78.8
March	90.4
April	86.3
May	111.0
June	128.8
July	134.2
August	138.3
September	117.8
October	94.5
November	79.5
December	83.6

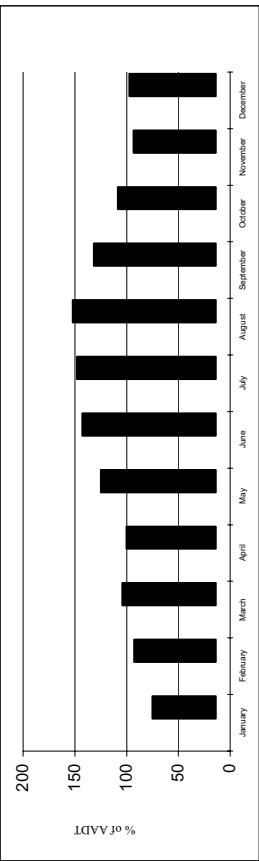
Hourly



Weekday



Monthly



LOCATION: Hwy 5, km 232

2003

AADT: 128
PSADT: 197

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	1.3
1:00-2:00	1.6
2:00-3:00	0.6
3:00-4:00	0.7
4:00-5:00	0.3
5:00-6:00	0.5
6:00-7:00	2.0
7:00-8:00	3.9
8:00-9:00	4.1
9:00-10:00	4.3
10:00-11:00	5.2
11:00-12:00	5.2
12:00-13:00	6.3
13:00-14:00	7.8
14:00-15:00	7.4
15:00-16:00	6.7
16:00-17:00	8.3
17:00-18:00	5.9
18:00-19:00	6.4
19:00-20:00	6.8
20:00-21:00	5.7
21:00-22:00	4.0
22:00-23:00	3.2
23:00-24:00	2.0
Total	100

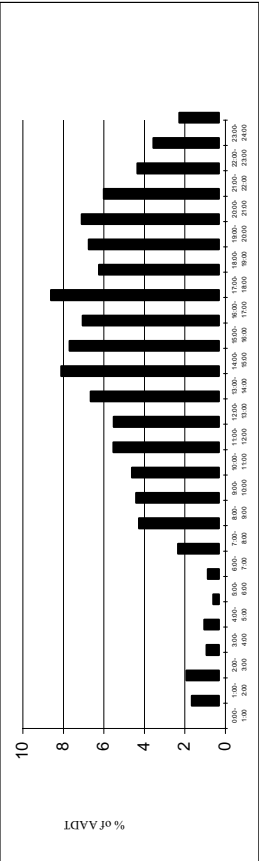
Weekday ADT

Day of Week	Percent of AADT
Sunday	114.5
Monday	103.2
Tuesday	93.3
Wednesday	88.1
Thursday	94.6
Friday	101.9
Saturday	100.2

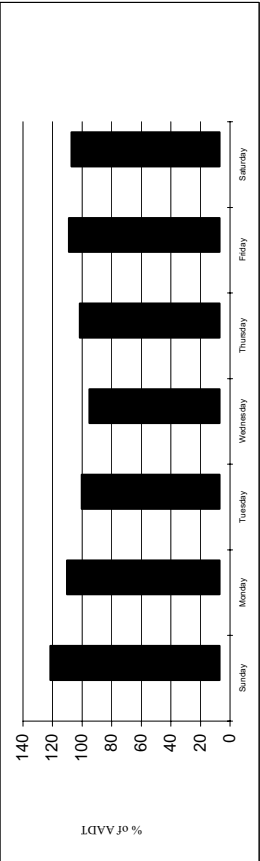
Monthly ADT

Month	Percent of AADT
January	84.6
February	93.3
March	65.4
April	68.3
May	136.5
June	133.7
July	229.8
August	170.2
September	149.0
October	105.8
November	77.9
December	77.9

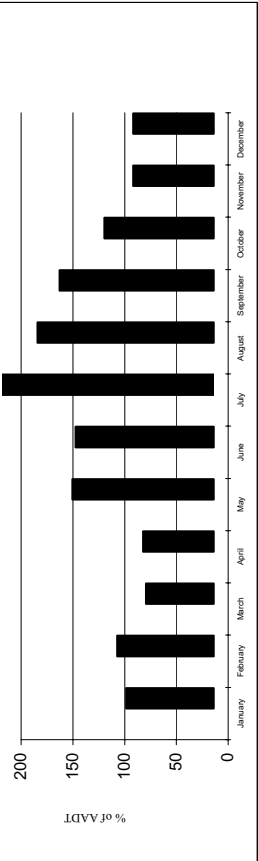
Hourly



Weekday



Monthly



LOCATION: Hwy 5, km 257

2003

AADT: 415
PSADT: 531

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	1.3
1:00-2:00	0.8
2:00-3:00	0.3
3:00-4:00	0.3
4:00-5:00	0.2
5:00-6:00	0.3
6:00-7:00	0.6
7:00-8:00	1.6
8:00-9:00	3.9
9:00-10:00	4.4
10:00-11:00	4.7
11:00-12:00	5.3
12:00-13:00	6.5
13:00-14:00	8.0
14:00-15:00	8.4
15:00-16:00	8.4
16:00-17:00	8.6
17:00-18:00	8.2
18:00-19:00	7.3
19:00-20:00	6.3
20:00-21:00	5.0
21:00-22:00	4.1
22:00-23:00	3.2
23:00-24:00	2.2
Total	100

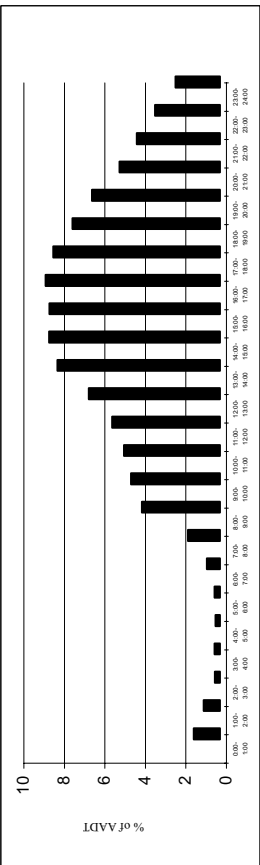
Weekday ADT

Day of Week	Percent of AADT
Sunday	105.9
Monday	98.6
Tuesday	96.4
Wednesday	93.6
Thursday	102.5
Friday	102.4
Saturday	100.6

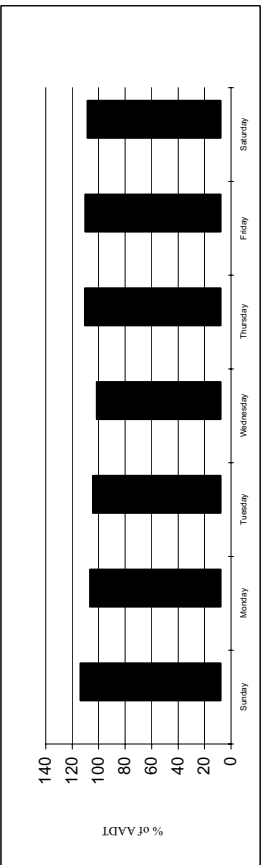
Monthly ADT

Month	Percent of AADT
January	78.0
February	74.7
March	81.5
April	96.7
May	123.3
June	124.8
July	116.7
August	135.2
September	123.3
October	91.9
November	73.7
December	55.4

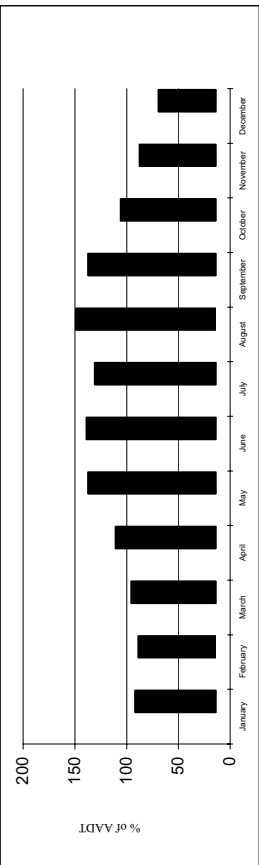
Hourly



Weekday



Monthly



LOCATION: Hwy 6, km 30

2003

AADT: 81
PSADT: 100

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	2.4
1:00-2:00	1.9
2:00-3:00	0.9
3:00-4:00	0.6
4:00-5:00	0.4
5:00-6:00	0.4
6:00-7:00	0.7
7:00-8:00	1.1
8:00-9:00	2.8
9:00-10:00	3.5
10:00-11:00	4.4
11:00-12:00	5.5
12:00-13:00	6.9
13:00-14:00	6.4
14:00-15:00	7.0
15:00-16:00	7.4
16:00-17:00	7.7
17:00-18:00	7.3
18:00-19:00	7.3
19:00-20:00	7.0
20:00-21:00	6.5
21:00-22:00	5.3
22:00-23:00	3.8
23:00-24:00	3.3
Total	100

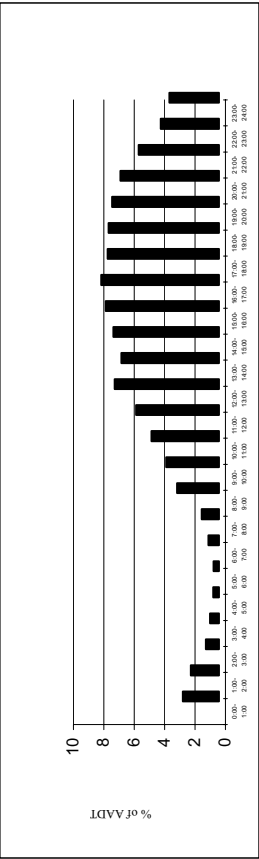
Weekday ADT

Day of Week	Percent of AADT
Sunday	93.5
Monday	91.8
Tuesday	88.6
Wednesday	94.2
Thursday	99.7
Friday	122.1
Saturday	107.0

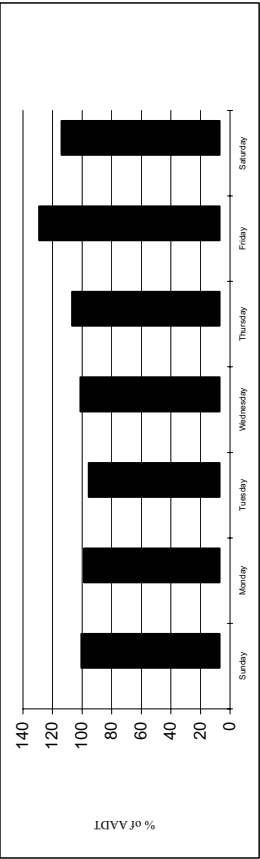
Monthly ADT

Month	Percent of AADT
January	82.0
February	61.7
March	81.6
April	81.5
May	91.4
June	121.0
July	132.1
August	106.2
September	109.9
October	88.9
November	81.5
December	81.5

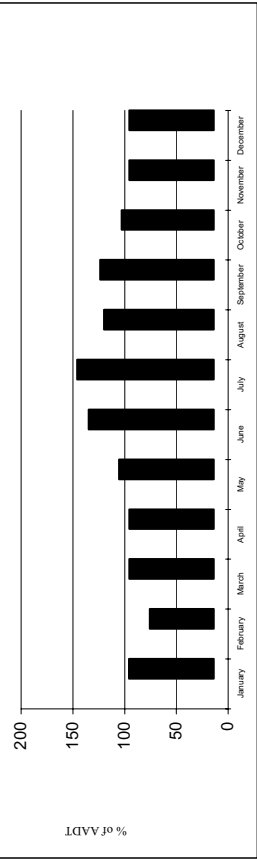
Hourly



Weekday



Monthly



LOCATION: Hwy 6, km 74

2003

AADT: 105
PSADT: 136

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	1.9
1:00-2:00	1.6
2:00-3:00	0.8
3:00-4:00	0.8
4:00-5:00	0.4
5:00-6:00	0.4
6:00-7:00	0.7
7:00-8:00	1.6
8:00-9:00	2.5
9:00-10:00	3.8
10:00-11:00	4.8
11:00-12:00	5.6
12:00-13:00	6.4
13:00-14:00	6.7
14:00-15:00	7.2
15:00-16:00	7.5
16:00-17:00	7.4
17:00-18:00	7.3
18:00-19:00	6.7
19:00-20:00	6.7
20:00-21:00	6.1
21:00-22:00	5.7
22:00-23:00	4.4
23:00-24:00	2.8
Total	100

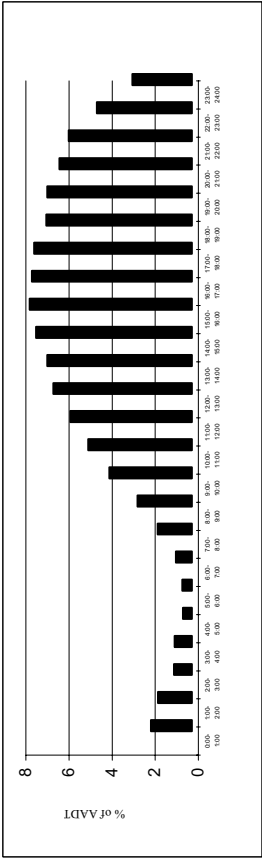
Weekday ADT

Day of Week	Percent of AADT
Sunday	96.7
Monday	92.7
Tuesday	86.6
Wednesday	96.4
Thursday	103.3
Friday	119.1
Saturday	102.6

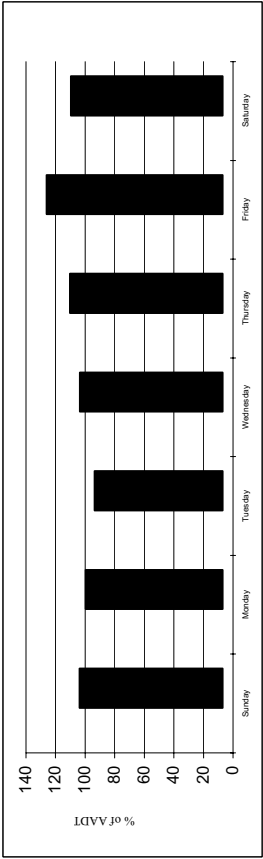
Monthly ADT

Month	Percent of AADT
January	64.5
February	68.2
March	72.0
April	89.7
May	117.8
June	135.5
July	129.8
August	109.3
September	111.2
October	157.9
November	76.6
December	71.0

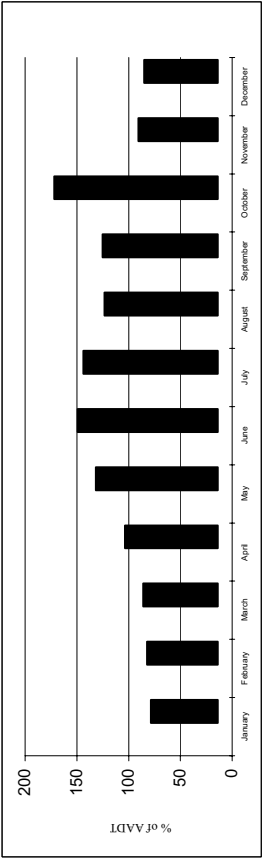
Hourly



Weekday



Monthly



LOCATION: Hwy 7, km 35

2003

AADT:

PSADT:

120

130

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	2.5
1:00-2:00	2.0
2:00-3:00	1.5
3:00-4:00	1.1
4:00-5:00	0.8
5:00-6:00	1.1
6:00-7:00	1.0
7:00-8:00	1.4
8:00-9:00	2.5
9:00-10:00	4.2
10:00-11:00	5.1
11:00-12:00	6.0
12:00-13:00	5.5
13:00-14:00	6.4
14:00-15:00	6.8
15:00-16:00	6.9
16:00-17:00	7.0
17:00-18:00	7.3
18:00-19:00	6.9
19:00-20:00	5.8
20:00-21:00	5.6
21:00-22:00	4.8
22:00-23:00	4.2
23:00-24:00	3.3
Total	100

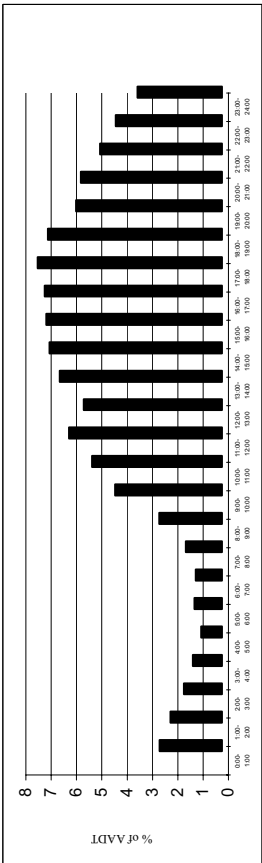
Weekday ADT

Day of Week	Percent of AADT
Sunday	103.1
Monday	96.9
Tuesday	94.8
Wednesday	108.3
Thursday	99.0
Friday	97.9
Saturday	104.2

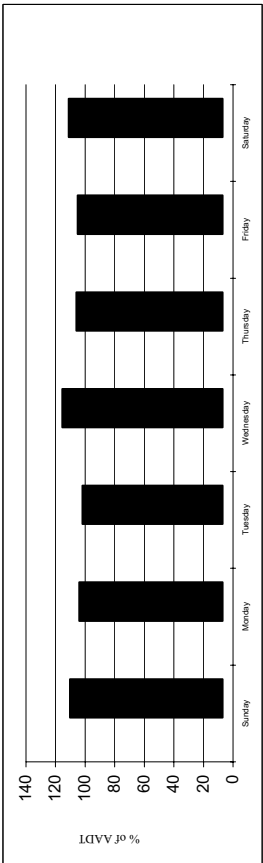
Monthly ADT

Month	Percent of AADT
January	97.9
February	209.4
March	170.8
April	71.9
May	67.7
June	121.9
July	147.9
August	125.0
September	113.5
October	39.6
November	13.5
December	27.1

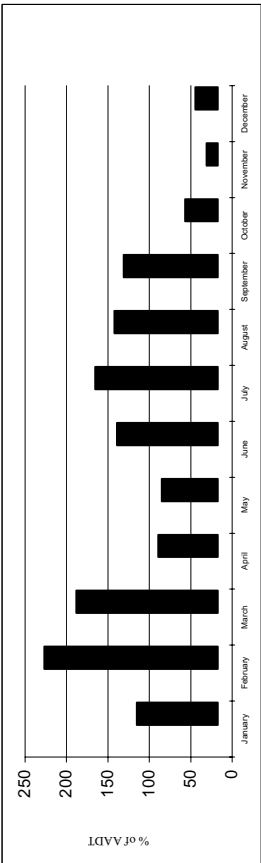
Hourly



Weekday



Monthly



LOCATION: Hwy 7, km 253

2003

AADT:
PSADT:

34
43

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	1.8
1:00-2:00	1.2
2:00-3:00	0.7
3:00-4:00	0.7
4:00-5:00	1.7
5:00-6:00	2.0
6:00-7:00	2.0
7:00-8:00	2.1
8:00-9:00	2.1
9:00-10:00	3.1
10:00-11:00	6.2
11:00-12:00	5.2
12:00-13:00	6.2
13:00-14:00	6.8
14:00-15:00	6.9
15:00-16:00	6.4
16:00-17:00	7.5
17:00-18:00	6.8
18:00-19:00	7.6
19:00-20:00	7.5
20:00-21:00	6.1
21:00-22:00	3.2
22:00-23:00	4.0
23:00-24:00	2.6
Total	100

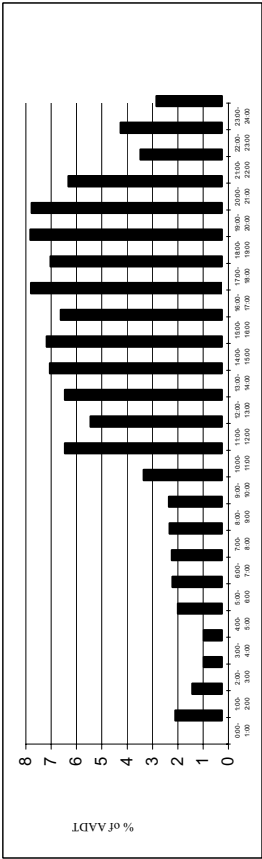
Weekday ADT

Day of Week	Percent of AADT
Sunday	81.1
Monday	86.4
Tuesday	88.9
Wednesday	87.0
Thursday	88.3
Friday	81.4
Saturday	82.4

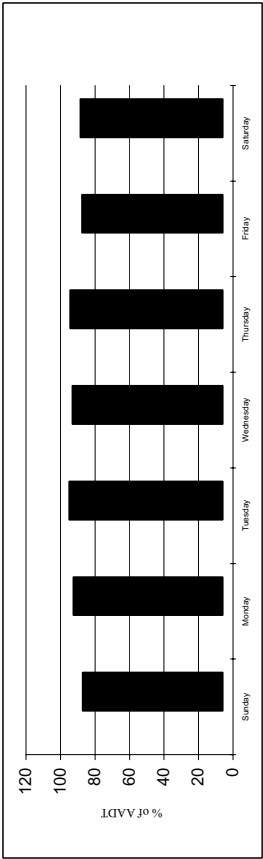
Monthly ADT

Month	Percent of AADT
January	94.7
February	106.5
March	161.3
April	67.7
May	58.1
June	112.9
July	135.5
August	87.1
September	138.7
October	103.2
November	48.4
December	74.2

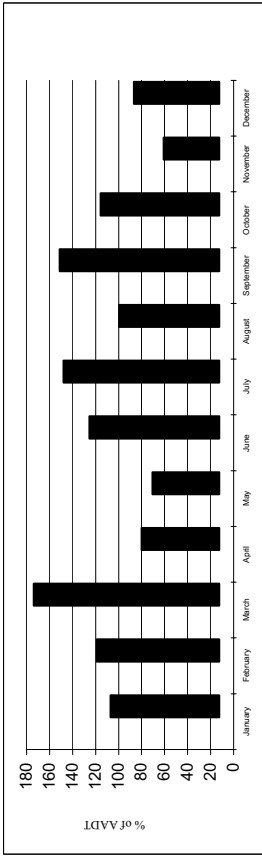
Hourly



Weekday



Monthly



LOCATION: Hwy 8, km 34

2003

AADT: 50
PSADT: 100

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	2.1
1:00-2:00	1.0
2:00-3:00	0.6
3:00-4:00	0.3
4:00-5:00	0.3
5:00-6:00	0.2
6:00-7:00	0.4
7:00-8:00	0.7
8:00-9:00	1.1
9:00-10:00	2.9
10:00-11:00	4.6
11:00-12:00	7.3
12:00-13:00	6.9
13:00-14:00	6.8
14:00-15:00	7.8
15:00-16:00	8.1
16:00-17:00	7.9
17:00-18:00	7.8
18:00-19:00	7.7
19:00-20:00	6.5
20:00-21:00	6.4
21:00-22:00	5.7
22:00-23:00	4.3
23:00-24:00	3.1
Total	100

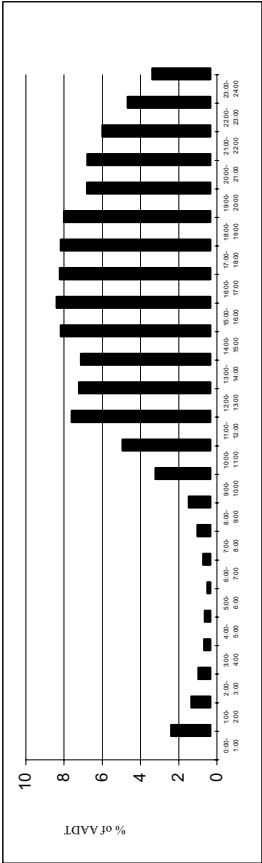
Weekday ADT

Day of Week	Percent of AADT
Sunday	105.6
Monday	102.8
Tuesday	94.4
Wednesday	91.7
Thursday	97.2
Friday	108.3
Saturday	105.6

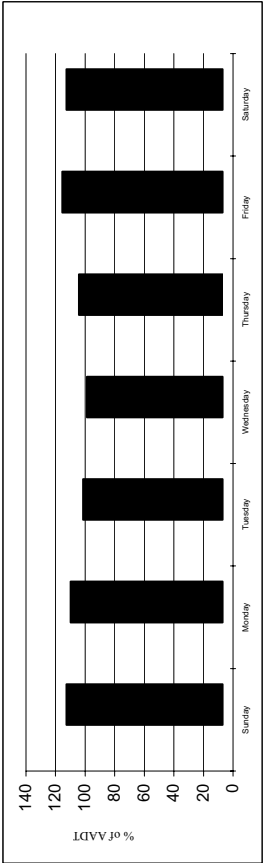
Monthly ADT

Month	Percent of AADT
January	47.2
February	63.9
March	72.2
April	94.4
May	33.3
June	163.9
July	227.8
August	227.8
September	122.2
October	72.2
November	33.3
December	44.4

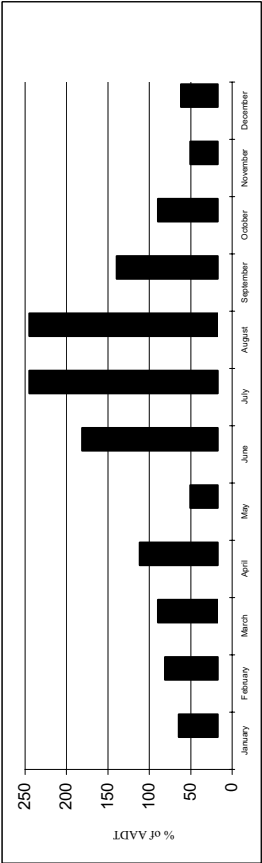
Hourly



Weekday



Monthly



LOCATION: Hwy 8, km 90

2003

AADT:

PSADT:

82

176

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	2.9
1:00-2:00	1.7
2:00-3:00	1.2
3:00-4:00	1.1
4:00-5:00	0.9
5:00-6:00	0.7
6:00-7:00	0.6
7:00-8:00	0.8
8:00-9:00	1.5
9:00-10:00	3.6
10:00-11:00	5.0
11:00-12:00	5.4
12:00-13:00	6.0
13:00-14:00	6.4
14:00-15:00	6.3
15:00-16:00	6.5
16:00-17:00	6.8
17:00-18:00	6.8
18:00-19:00	6.8
19:00-20:00	6.7
20:00-21:00	6.5
21:00-22:00	6.2
22:00-23:00	5.2
23:00-24:00	4.3
Total	100

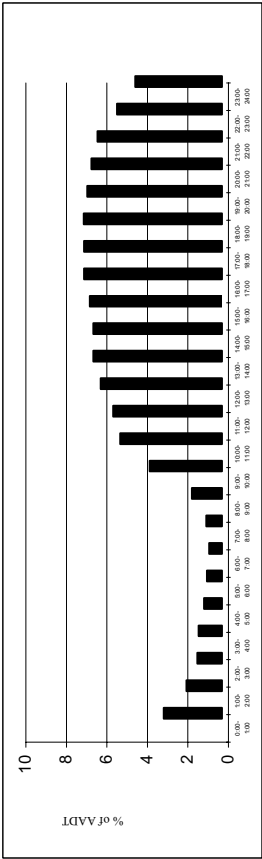
Weekday ADT

Day of Week	Percent of AADT
Sunday	95.1
Monday	92.7
Tuesday	96.3
Wednesday	98.8
Thursday	97.6
Friday	113.4
Saturday	104.9

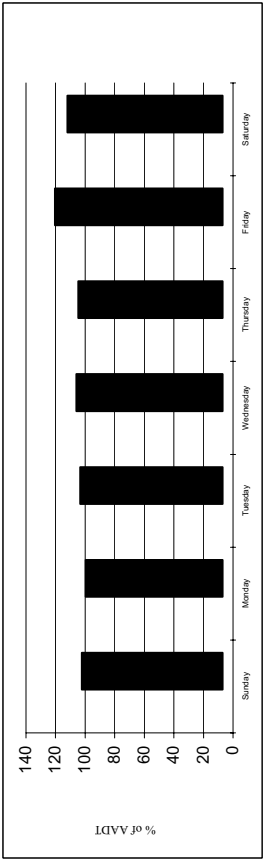
Monthly ADT

Month	Percent of AADT
January	61.0
February	63.4
March	73.2
April	95.1
May	65.9
June	162.2
July	190.2
August	212.2
September	119.5
October	56.1
November	46.3
December	58.5

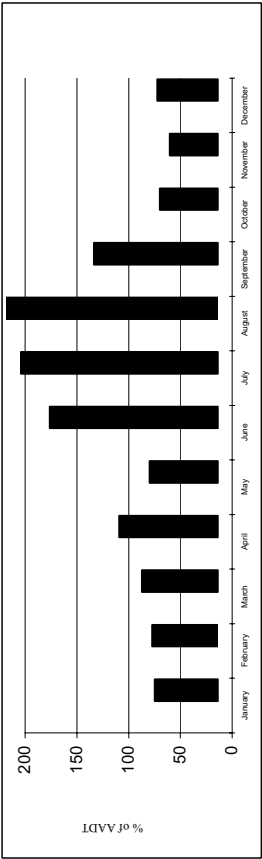
Hourly



Weekday



Monthly



LOCATION: Hwy 8, km 243

2003

AADT:
PSADT:

78
126

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	3.1
1:00-2:00	2.3
2:00-3:00	2.0
3:00-4:00	1.9
4:00-5:00	1.7
5:00-6:00	1.6
6:00-7:00	1.9
7:00-8:00	2.4
8:00-9:00	2.9
9:00-10:00	3.6
10:00-11:00	4.1
11:00-12:00	4.7
12:00-13:00	5.2
13:00-14:00	5.7
14:00-15:00	6.2
15:00-16:00	6.6
16:00-17:00	6.7
17:00-18:00	6.6
18:00-19:00	6.5
19:00-20:00	6.4
20:00-21:00	5.4
21:00-22:00	4.8
22:00-23:00	4.0
23:00-24:00	3.7
Total	100

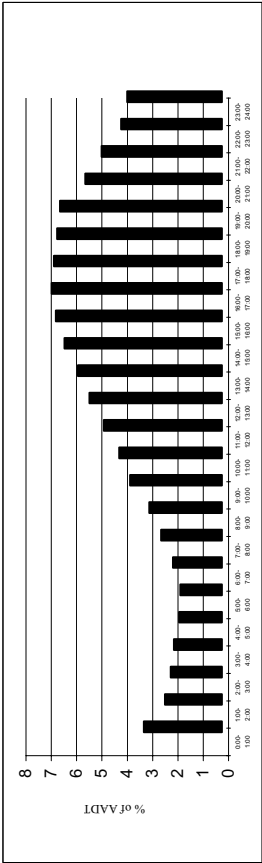
Weekday ADT

Day of Week	Percent of AADT
Sunday	98.6
Monday	100.0
Tuesday	87.5
Wednesday	95.8
Thursday	88.9
Friday	100.0
Saturday	115.3

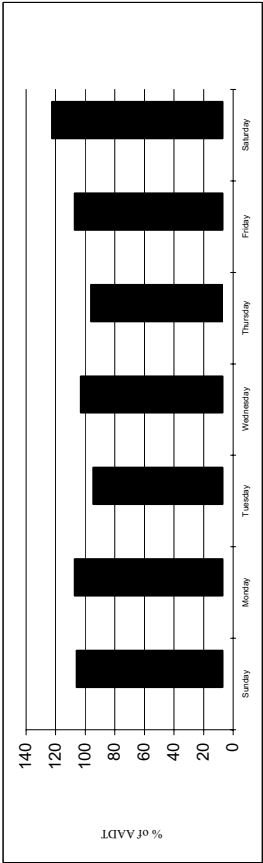
Monthly ADT

Month	Percent of AADT
January	61.1
February	48.6
March	97.2
April	119.4
May	100.0
June	200.0
July	143.1
August	147.2
September	65.3
October	79.2
November	45.8
December	86.1

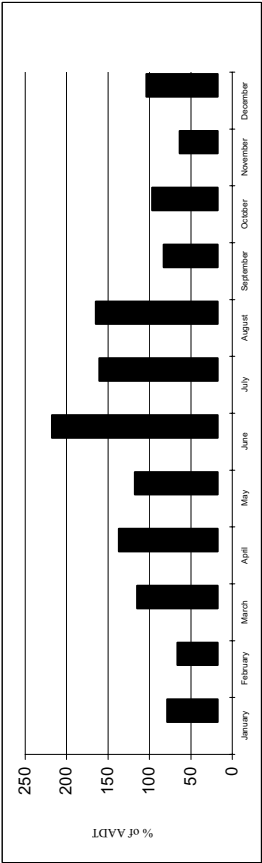
Hourly



Weekday



Monthly



LOCATION: Hwy 8, km 260

2003

AADT:

PSADT:

736

763

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	2.0
1:00-2:00	1.2
2:00-3:00	1.0
3:00-4:00	0.6
4:00-5:00	0.6
5:00-6:00	0.5
6:00-7:00	0.5
7:00-8:00	1.0
8:00-9:00	2.8
9:00-10:00	4.7
10:00-11:00	5.4
11:00-12:00	5.7
12:00-13:00	6.6
13:00-14:00	8.4
14:00-15:00	10.0
15:00-16:00	7.8
16:00-17:00	7.9
17:00-18:00	7.8
18:00-19:00	6.1
19:00-20:00	4.8
20:00-21:00	4.4
21:00-22:00	4.0
22:00-23:00	3.5
23:00-24:00	2.8
Total	100

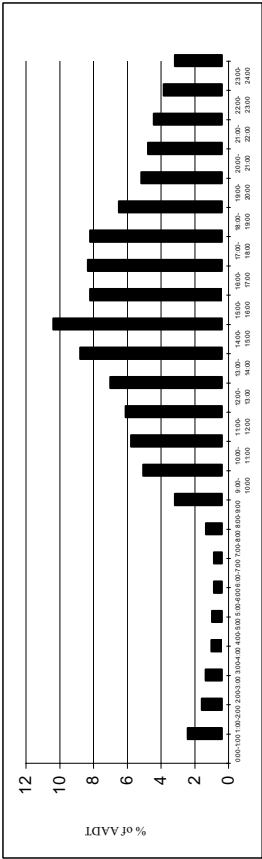
Weekday ADT

Day of Week	Percent of AADT
Sunday	98.1
Monday	166.6
Tuesday	100.4
Wednesday	111.1
Thursday	81.5
Friday	66.2
Saturday	80.4

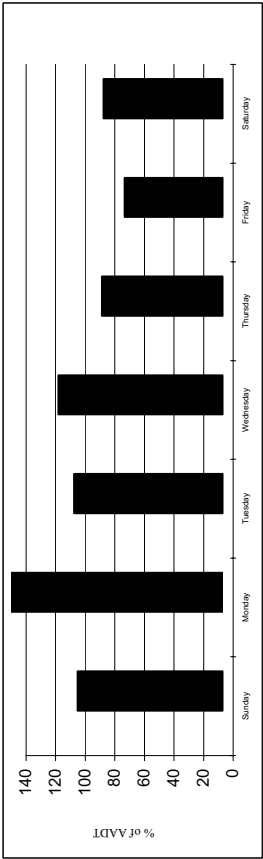
Monthly ADT

Month	Percent of AADT
January	66.3
February	68.2
March	73.1
April	83.4
May	92.2
June	141.1
July	129.1
August	120.4
September	95.9
October	83.7
November	88.6
December	156.6

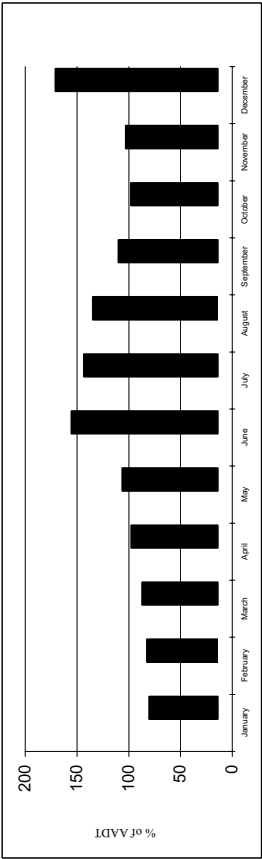
Hourly



Weekday



Monthly



LOCATION: Hwy 8, km 268

2003

AADT: 1274
PSADT: 1301

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	1.0
1:00-2:00	0.6
2:00-3:00	0.4
3:00-4:00	0.3
4:00-5:00	0.2
5:00-6:00	0.1
6:00-7:00	0.3
7:00-8:00	0.9
8:00-9:00	3.3
9:00-10:00	5.3
10:00-11:00	5.6
11:00-12:00	6.9
12:00-13:00	8.1
13:00-14:00	9.6
14:00-15:00	10.1
15:00-16:00	9.5
16:00-17:00	8.8
17:00-18:00	7.9
18:00-19:00	6.2
19:00-20:00	4.7
20:00-21:00	3.6
21:00-22:00	2.8
22:00-23:00	2.2
23:00-24:00	1.5
Total	100

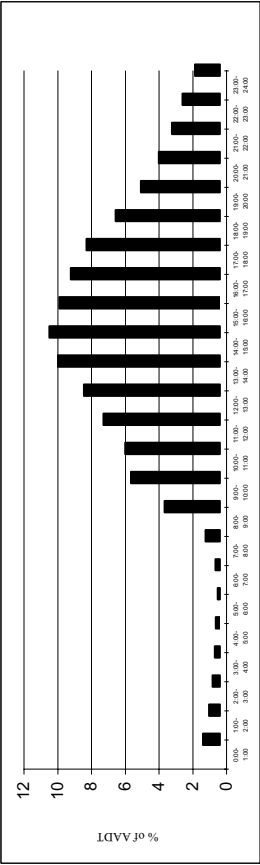
Weekday ADT

Day of Week	Percent of AADT
Sunday	109.9
Monday	85.4
Tuesday	74.3
Wednesday	94.1
Thursday	99.7
Friday	100.5
Saturday	98.4

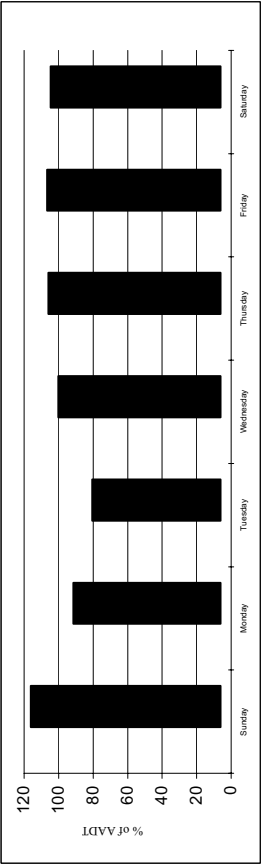
Monthly ADT

Month	Percent of AADT
January	67.7
February	67.2
March	73.6
April	83.3
May	95.1
June	120.0
July	130.7
August	122.7
September	93.2
October	84.7
November	98.3
December	68.6

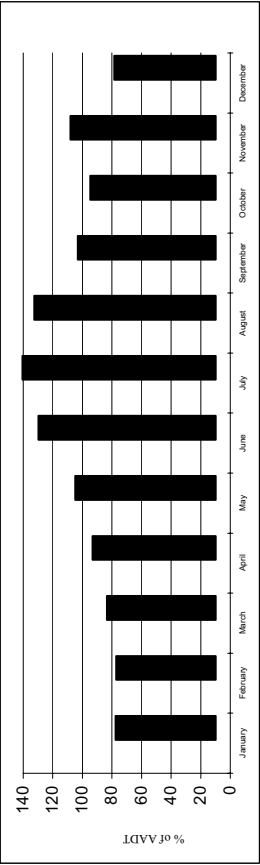
Hourly



Weekday



Monthly



Appendix B

Historical Data

The Department has been actively collecting data since its formation in 1989. This Traffic Report shows the current state of the system only, however the following historical data is available:

- **Short-term Visual Counts** – Vehicles are classified and counted manually at various highway junctions throughout the territory. The data is used to enhance vehicle classification and AADT calculations.
- **Short-term Intersection Volume Counts** – Vehicles are counted by direction and turning movement, which gives an indication of overall traffic flow at selected intersections on the highway system.
- **Historical AADT** – Average daily traffic, broken down by month and year, is also available from 1989 through to 1992. AADT from 1993 through to the present is located in Table 3.

The Department will provide the above data upon request. Please refer to the acknowledgements section in the front of this report for contact information.

Appendix C

Data Processing Methodology

Data Processing Methodology

The primary goal in traffic data collection is to determine Average Annual Daily Traffic (AADT). The most concise way of doing this is to collect traffic data at a site for a year, sum the traffic counts over the year and then divide by 365 days. However, for a number of reasons including routine maintenance, breakdowns and faulty data modules, no counter runs at 100% operational capacity for an entire year. Therefore, adjustments must be made for gaps in the data.

Three steps are involved in the processing of traffic data. Step one is to fill in as much missing data as possible for the year in question. Step two involves applying an AADT formula to the data and step three consists of independently verifying the calculated AADT through other sources and previous experience. The following steps outline this process in more detail:

Step One

- 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 previous years is applied through a growth rate algorithm. The results are analysed for accuracy and completeness through comparisons with other traffic counter sites, data from other sources and previous experience.
- Growth rate is determined at each site by comparing available monthly average daily traffic from year to year and averaging over the last four years.

Step Two

- AADT is determined using an industry standard American Association of State Highway and Transportation Officials (AASHTO) formula (see below). After step one is applied there is a strong possibility that there will still be incomplete data for the year. The AASHTO formula directly accounts for missing data by computing an average of averages.

$$AADT = \frac{1}{7} \sum_{i=1}^7 \left[\frac{1}{12} \sum_{j=1}^{12} \left(\frac{1}{n} \sum_{k=1}^n VOL_{ijk} \right) \right]$$

Where: Vol = daily traffic for day k, of day-of-week i, and month j

i = day of the week

j = month of the year

k = 1 when the day is the first occurrence of that day of the week in a month, 4 when it is the fourth occurrence.

n = the number of days of that day of week during that month (usually between 1 and 5, depending on the number of missing data).

Step Three

- Calculated AADT numbers are compared against previous years' values, other sources of traffic information such as ferry logs and Lupin Winter Road logs, upstream and downstream counter sites and previous experience.
- If results of the AADT algorithms are deemed inaccurate at a particular site, the AADT for the year will be estimated by applying an appropriate growth rate to the previous year's AADT.

Note: For counters located on access roads and winter roads no extra information is introduced. Only the data collected in the current year is presented.

For more detailed information, please contact the Planning and Policy Division of the Department of Transportation as listed in the Acknowledgements section of this report.